



**1.3.3: Percentage of programmes that have components of field projects / research projects / internships during the last five years.**



**தூய வளனார் கலை மற்றும் அறிவியல் கல்லூரி (தன்னாட்சி),**

**கடலூர்-607 001**

**தமிழ்த்துறை**

**கங்கைகொண்டசோழபுரம்**

**2019 முதல் 2020 வரை**

**கங்கைகொண்டசோழபுரம்:** கங்கைகொண்டசோழபுரம் கோயில், மாளிகைமேடு, இராசேந்திரன் அகழ்வைப்பகம், அருங்காட்சியகம், சோழகங்கம் (பொன்னேரி).

இன்றைய தெற்காசியாவின் நாடுகளான இந்திய துணைகண்டத்தின் தெற்கு மற்றும் வங்கம் வரையிலான கிழக்கு நிலபரப்பு, ஈழம் (இலங்கை தீவு), தற்போதிய இந்திய பெருங்கடல் பகுதி, மேற்கே மாலத்தீவு, கிழக்கே நிக்கோபார் தீவுகள், தென்கிழக்கு ஆசிய நாடுகளான மலேசியா, சாவா, சுமத்திரா, தாய்லாந்து ஆகிய பகுதிகளை உள்ளிட்டக்கிய பெரும் அரசப்பரப்பாக விளக்கியது இராசேந்திர சோழனின் சோழப் பேரரசு. இத்தகைய ஒரு பெருநிலப்பரப்பிற்கெல்லாம் தலைமைபீடமாக செங்கோல் என்று நின்ற ஊர் கங்கைகொண்ட சோழபுரம். அத்தகைய ஒரு நகரின் பெருமை, கட்டமைப்பு மற்றும் நிர்வாக வரலாறு பற்றி கல்வெட்டு மற்றும் தொல்லிய சான்றுகளை அறிய மேற்கொள்ளப்பட்ட கள ஆய்வறிக்கை.



(கங்கைகொண்டசோழபுரம் கோயில்)



(மாளிகைமேடு அகழாய்வு)



Permission letter

அனுப்புநர் :

ம. வினாத்தையன் ,

தினையப் பொதுநிலை, திமித்தூறு,

துவ வளவாரி நிலை ஸ்ரீராம அரவியல்,

தவ்வாரி (தவ்வாரி)

தவ்வாரி - 1

பெறுநர் :

அருட்திரு வெவ்வு தவ்வாரி அலகல்,

துவ வளவாரி நிலை ஸ்ரீராம அரவியல்,

தவ்வாரி (தவ்வாரி)

தவ்வாரி - 1

தவ்வாரி அலகல் வளவாரி!

தவ்வாரி அலகல் தவ்வாரி (20.01.20) தவ்வாரி

அலகல் தவ்வாரி அலகல் (Field Project) தவ்வாரி

(தவ்வாரி தவ்வாரி தவ்வாரி) தவ்வாரி தவ்வாரி

தவ்வாரி தவ்வாரி தவ்வாரி தவ்வாரி தவ்வாரி

தவ்வாரி, தவ்வாரி தவ்வாரி தவ்வாரி தவ்வாரி

அலகல் அலகல் தவ்வாரி தவ்வாரி தவ்வாரி தவ்வாரி

தவ்வாரி!

தவ்வாரி தவ்வாரி

20.01.20

தவ்வாரி



(ம. வினாத்தையன்)

தூய வளனார் கலை மற்றும் அறிவியல் கல்லூரி (தன்னாட்சி),

கடலூர்-607 001

தமிழ்த் துறை

கங்கைகொண்டசோழபுரம் ( 2019 முதல் 2020வரை)

ஆய்வில் பங்கேற்ற மாணவர்கள்

- |                   |          |
|-------------------|----------|
| 1. எஸ். நந்தினி   | A18TAE18 |
| 2. பி. திவ்யா     | A18TAE01 |
| 3. கே. சிவஜோதி    | A18TAE31 |
| 4. கே. கீதா       | A18TAE04 |
| 5. எஸ். கௌசிகா    | A18TAE06 |
| 6. எஸ். திலகவதி   | A18TAE35 |
| 7. ஆர். சிவசங்கரி | A18TAE32 |

INCHARGE :



(Dr. A. Soussitra)



Dr. M. VANATHAIAN, M.A., Ph.D.,  
Asso. Professor & Head  
Department of Tamil,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

**A STUDY OF EFFECT ON BRANDING ON CONSUMER BUYING WITH SPECIAL  
REFERENCE TO E.I.D PARRY (INDIA) LIMITED (NELLIKUPPAM)**

A project report submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**ABINAYA.M**

Reg. No: A18MCM01

Under the guidance of

**DR. L. SANTHANA RAJ, M.COM.,M.A.,M.B.M.,M.PIL.,PH.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY OF EFFECT ON BRANDING ON CONSUMER BUYING WITH SPECIAL REFERENCE TO E.I.D PARRY( INDIA) LIMITED (NELLIKUPPAM)" submitted by ABINAYA.M, bearing Reg. No. A18MCM01 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE in St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF COMMERCE.

Place: Cuddalore

Date: 28.09.2020



Signature of the Guide

**Dr. L. SANTHANA RAJ,**


M.Com. M.A., M.B.M., M.Phil., Ph.D.,

Associate Professor in Commerce

St Joseph's College of Arts & Science

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Cuddalore - 607 001



Signature of the HOD

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001 India.



Signature of the external

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Signature of the Principal

**A study on Employee welfare and social security in Loyal super fabrics (unit of Loyal textile Mills Ltd.,) Cuddalore.**

A project report submitted to

St.Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**AJITH RAM.J**

Reg. No: A18MCM02

Under the guidance of

**Dr.L.Santhanaraj M.com.,M.A.,M.B.M.,M.PHIL.,Ph.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A study on Employee welfare and social security in Loyal super fabrics (A unit of Loyal textile Mills Ltd.,) Cuddalore" submitted by AJITH RAM.J, bearing Reg.No. A18MCM02 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

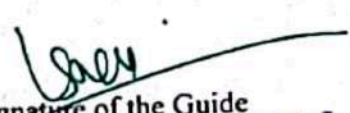
Place: Cuddalore

Date: 28.09.2020



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
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Associate Professor & Head  
PG & Research Department of Commerce  
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Cuddalore - 607 001



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**Dr. I. SAVARIMUTHU**  
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Associate Professor & Head  
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Cuddalore (T.N.) - 607 001 India

Signature of the Principal

**A STUDY ON IMPACT OF JOB DESIGN ON WORKERS  
PRODUCTIVITY IN SERVO PACKAGING LIMITED  
(KATTUPUPPAM)**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University  
In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

**SUBMITTED BY**

**AMBIGA.C**

**Reg.No: A18MCM03**

Under the guidance of

**Dr.L.SANTHANA RAJ, M.Com.,M.A.,M.PHIL.,M.B.M.,PH.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER-2020**

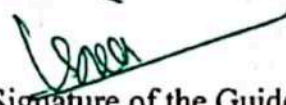


## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON IMPACT OF JOB DESIGN ON WORKERS PRODUCTIVITY IN SERVO PACKAGING LIMITED (KATTUPUPPAM)," is a bonafide record work submitted by C.AMBIGA(A18MCM03) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2018-2020 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 28.09.2020



Signature of the Guide

**Dr. L. SANTHANA RAJ,**  
M.Com. M.A., M.B.M., M.Phil., Ph.D..  
Associate Professor in Commerce  
St Joseph's College of Arts & Science  
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Cuddalore - 607 004



Signature of the HOD

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Signature of the external

**Dr. I. SAVARIMUTHU**  
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PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal

**“A STUDY ON RELATIONSHIP BETWEEN JOB  
SATISFACTION AND EMPLOYEES ANSENTTEEISM IN  
VST MOTORS LTD, KONDUR, CUDDALORE”.**

**A project report submitted to St. Joseph's College Arts and Science  
(Autonomous), Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by**

**N.AMSAVALLI**

**Reg.no :( A18MCM04)**

**Under the guidance of**

**Dr. R.KrishnaKumar M.Com., MPhil, M.B.A., Ph.D., PGDFM, SET,  
(Associate Professor of Commerce)**



**PG AND RESEARCH DEPARTEMENT OF COMMERCE  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001**

**September 2020**



## BONAFIDE CERTIFICATE

This is to certify that this project report "A STUDY ON RELATIONSHIP BETWEEN JOB SATISFACTION AND EMPLOYEE ABSENTEEISM INVST MOTORS LTD, KONDUR, DUDDALORE" is a bonafide record work Submitted by N.AMSAVALLI (Reg. No. : A18MCM04) in partial fulfillment of The requirement for the award of the degree of MASTER OF COMMERCE in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2019-2020 and that the project work has not been Submitted for the award of any other degree.

Place: Cuddalore

Date: 28.09.2020



Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
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St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



Signature of the guide  
Dr. R. KRISHNAKUMAR

M.Com., M.Phil., M.B.A., PGDFM, SET., Ph.D.  
Associate Professor  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
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Signature of the External

Dr. I. SAVARIMUTHU  
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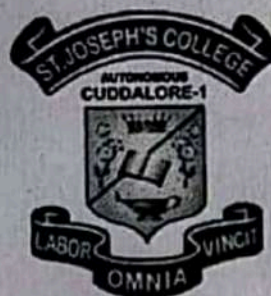
**A STUDY ON INDUSTRIAL CONFLICT HANDLING AND  
ITS IMPACT OF EMPLOYEES PRODUCTIVITY AT LOTTE  
INDIA LIMITED, CUDDALORE.**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**BANU PRIYA. R  
(Reg. No: A18MCM05)**

**Under the Guidance of  
Dr.P.VAITIANADANE, M.Com., M.Phil., B.Ed., M.B.A., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER - 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON INDUSTRIAL CONFLICT HANDLING AND ITS IMPACT OF EMPLOYEE PRODUCTIVITY AT LOTTE INDIA LIMITED, CUDDALORE" is a bonafide record work submitted by BANU PRIYA. R (Reg.No : A18MCM05) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.

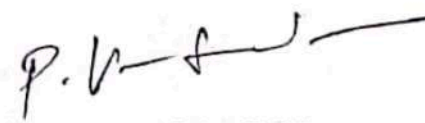


Signature of the HOD

Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001, India

Place: Cuddalore

Date: 28/9/20



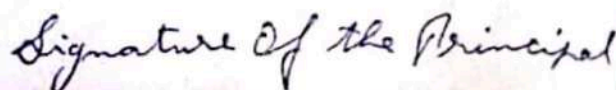
Signature of the Guide

Dr. P. VAITINADANE @ ANBOUNADANE  
ASSISTANT PROFESSOR  
PG AND RESEARCH DEPT. OF COMMERCE  
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Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



Signature of the Principal

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**A STUDY ON EMPLOYEES JOB SATISFACTION IN  
STRIDES SHASUN LIMITED  
PUDUCHERRY.**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University  
In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**DHIVYA . E**

**Reg. No: A18MCM07**

Under the guidance of

**DR.R. KRISHNAKUMAR M.Com., M.Phil., M.B.A., Ph.D., PGDFM., SET.,**  
**(Associate Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**

**DR. R. KRISHNAKUMAR, M.Com., M.Phil., M.B.A., Ph.D., PGDFM., SET.,**  
(Associate Professor of Commerce),  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 607001**

---

### **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**A STUDY ON EMPLOYEES JOB SATISFACTION IN STRIDES SHASUN LTD., PUDUCHERRY**" submitted by **DHIVYA. E**, bearing Reg.No. **A18MCM07** is a record of her Original and Independent work done during the period of study under my Guidance and submitted to **PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001**, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfilment for the award of the degree of **MASTER OF COMMERCE**.



Signature of the HOD

**Dr. I. SAVARIMUTHU**

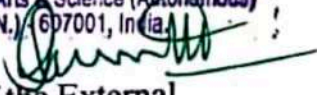
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India



Signature of the External

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India

Place: **Cuddalore**

Date: **28.09.2020**



Signature of the Head Guide  
**Dr. R. KRISHNAKUMAR**

M.Com., M.Phil., M.B.A., PGDFM., SET., Ph.D.

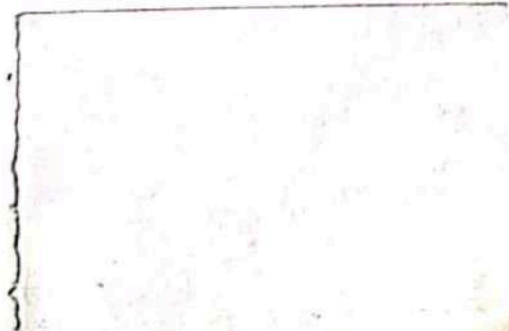
Associate Professor

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001.

Signature of the Principal





**A STUDY ON AWARENESS ABOUT MUTUAL FUND  
INVESTMENT IN MANJAKUPPAM, CUDDALORE**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**GOWTHAM. S  
(Reg. No: A18MCM09)**

**Under the Guidance of  
Dr. R. KRISHNAKUMAR, M.Com., M.Phil., M.B.A., Ph.D., PGDFM., SET.,  
ASSOCIATE PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER-2020**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON AWARENESS ABOUT MUTUAL FUND INVESTMENT IN MANJAKUPPAM, CUDDALORE" is a bonafide record work submitted by GOWTHAM. S (Reg.No : A18MCM09) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. T. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



Signature of the Guide  
**Dr. R. KRISHNAKUMAR**

M.Com., M.Phil., M.B.A., PGDFM, SET, Ph.D.

Associate Professor

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001.



Signature of the External

**Dr. T. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 28.09.2020

Signature of the Principal

**A STUDY ON THE IMPACT OF TRAINING ON THE PERFORMANCE  
OF EMPLOYEES IN UCAL POLYMER INDUSTRIES PVT LTD,  
PUDUCHERRY.**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**HARI PRIYA.S**

**Reg. No: A18MCM10**

Under the guidance of

**DR.F.ANDREWS M.Com., M.Com(BIM), M.Phil., Ph.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**



**DR.F. ANDREWS M.Com., M.Com(BIM)., M.Phil., Ph.D.,**  
(Assistant Professor of Commerce),  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**  
**CUDDALORE -607001**

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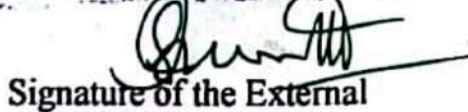
### **BONAFIDE CERTIFICATE**

This is to certify that the project entitled **"A STUDY ON THE IMPACT OF TRAINING ON THE PERFORMANCE OF EMPLOYEES IN UCAL POLYMER INDUSTRIES PVT LTD., PUDUCHERRY"** submitted by **HARI PRIYA. S**, bearing **Reg.No. A18MCM10** is a record of her Original and Independent work done during the period of study under my Guidance and submitted to **PG AND RESEARCH DEPARTMENT OF COMMERCE**, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of **MASTER OF COMMERCE**.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India

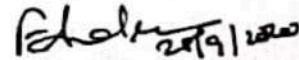


Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India

Place: **Cuddalore**

Date: **28-9-2020**



Signature of the Head/ Guide

**Dr. F. ANDREWS,**  
M.Com., M.Com., M.Phil., B.Ed., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607 001.

Signature of the Principal

# **A STUDY ON EXISTING PERFORMANCE APPRAISAL IN ABIRAMI CHEMICAL INDUSTRY, PONDICHERRY**

**A project report Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted By**

**Ms. M. ISHWARYA**

**Reg. No: A18MCM11**

**Under the Guidance of**

**DR. F. ANDREWS, M.Com., M.Com. (BIM), M.Phil., Ph.D.,  
(Assistance Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607 001**

**SEPTEMBER 2020**



## BONAFIDE CERTIFICATE

This is to certify that this project report titled "A STUDY ON EXISTING PERFORMANCE APPRAISAL IN ABIRAMI CHEMICAL INDUSTRY, PONDICHERRY" is a bonafide record work submitted by Ms. ISHWARYA M ( A18MCM11) in partial fulfillment of the requirement for the award of the degree MASTER OF COMMERCE in ST. JOSEPH'S COLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2019-2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

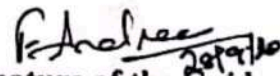
Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.

Signature of the Principal



Signature of the Guide

**Dr. F. ANDREWS,**

M.Com., M.Com., M.Phil., B.Ed., Ph.D.

Asst Professor in Commerce

St. Joseph's College of Arts & Science (Autonomous)

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**Dr. I. SAVARIMUTHU**

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Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.

Place : Cuddalore

Date: 28.09.2020



# **A STUDY ON PROBLEMS AND PROSPECTS OF WOMAN ENTREPRENEURS IN PANRUTI TALUK**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**BY**

**JERLIN BELISITTA.J**

**(Reg.No: A18MCM12)**

**Under the Guidance of**

**Dr. P. JAMES MARY, M.A., M.Com., SLET., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER-2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON PROBLEMS AND PROSPECTS OF WOMAN ENTREPRENEURS IN PANRUTI TALUK" is a bonafide record work submitted by JERLIN BELISITTA.J (Reg. No: A18MCM12) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

Dr. I. SAVARIMUTHU

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



Signature of the Guide

(Dr. P. JAMES MARY)

Place: Cuddalore

Date: 28.09.2020

Signature of the principal



Signature of the External

Dr. I. SAVARIMUTHU

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



**A STUDY ON CUSTOMER SATISFACTION AMONG  
THE DEPARTMENTAL STORE WITH SPECIAL  
REFERENCE TO CUDDALORE TOWN**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of**

**MASTER OF COMMERCE**

**BY**

**K. JOTHI**

**(Reg. No: A18MCM14)**

**Under the Guidance of**

**DR. A. RADHAKRISHNAN M.COM., M. Phil., B.Ed., Ph.D., PGDCM., SLET,  
ASSISTANT PROFESSOR OF COMMERCE**



**DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION AMONG THE DEPARTMENTAL STORE WITH SPECIAL REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by K. JOTHI (Reg. No: A18MCM14) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



Signature of the Guide

**Dr. A. RADHAKRISHNAN,**

M.Com., M.Phil., B.Ed., PGDCM., Ph.D.,

Asst Professor in Commerce

St. Joseph's College of Arts & Science (Autonomous),

Manjakuppam, Cuddalore - 607 001.

Place: Cuddalore

Date: 28.09.2020

Signature of the principal



Signature of the External

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



**A STUDY ON EMPLOYEE COMPENSATION AND BENEFITS IN MANATEC ELECTRONICS PRIVATE LIMITED,  
KARIKALAMPAKKAM, PUDUCHERRY.**

A project report submitted to St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore. Affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

Submitted by,

**P. KALAISELVI Reg. No: A18MCM15**

Under the guidance of

**DR.A. RADHAKRISHNAN, M.Com. M.Phil. B.Ed., Ph.D.,**

**PGDCM.,SLET,**

**(Assistant professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS) CUDDALORE – 607001**

**SEPTEMBER – 2020**

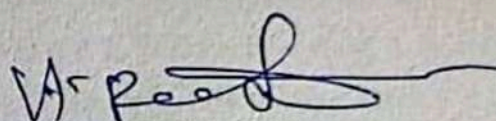


## BONAFIDE CERTIFICATE

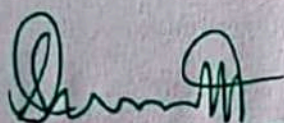
This is to certify that the project entitled "A STUDY ON EMPLOYEE COMPENSATION AND BENEFITS IN MANATEC ELECTRONICS PRIVATE LIMITED AT KARIKALAMPAKKAM, PUDUCHERRY" is a Bonafide record work submitted by P.KALAISELVI, ( A18MCM15) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE, ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE-607001, during 2019-2020 and that the project work has not been submitted for the award of any other degree.

Place: CUDDALORE

Date: 28.09.2020

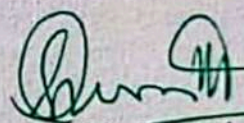


Signature of the Guide  
**Dr. A. RADHAKRISHNAN,**  
M.Com., M.Phil., B.Ed., PGDCM., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
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Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
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Cuddalore - 607 001.



Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



# **A STUDY ON WORK LIFE BALANCE AMONG EMPLOYEE AT LOTTE INDIA CORPORATION IN CUDDALORE**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**KAMINI. K  
(Reg. No: A18MCM16)**

**Under the Guidance of  
Dr. P. JAMES MARY, M.A., M.Com., SLET., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER - 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON WORK LIFE BALANCE AMONG EMPLOYEE AT LOTTE INDIA CORPORATION IN CUDDALORE" is a bonafide record work submitted by KAMINI. K (Reg.No : A18MCM16) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India

Place: Cuddalore

Date: 28.09.2020



Signature of the Guide

(Dr. P. JAMES MARY)



Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India

Signature of the Principal



**A STUDY ON CONSUMER PREFERENCE TOWARDS ONLINE SHOPPING  
IN CUDDALORE TOWN**

**A project report submitted to**

**St.Joseph's College of Arts & Science (Autonomous), Cuddalore.**

**Affiliated to Thiruvalluvar University**

**In partial fulfilment of the requirements for the award of the degree of**

**MASTER OF COMMERCE**

**SUBMITTED BY,**

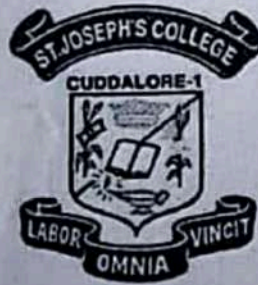
**K.KAVIYA**

**Reg No: A18MCM17**

**Under the guidance of**

**DR.F.ANDREWS , M.Com., M.com(BIM)., M.Phil., Ph.D.,**

**( Assistant Professor Of Commerce )**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001.**

**SEPTEMBER – 2020**

**DR.F.ANDREWS , M.Com.,M.com(BIM)., M.Phil., Ph.D.,**  
**( Assistant Professor of Commerce ),**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**  
**CUDDALORE -607001**

**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "A STUDY ON CONSUMER PREFERENCE TOWARDS ONLINE SHOPPING IN CUDDALORE TOWN" is a bonafide record work submitted by K.KAVIYA (A18MCM17) is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St.Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

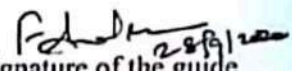
Place: *Cuddalore*

Date: *28-9-2020*

  
Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)

Signature of the Principal

  
Signature of the guide

**Dr. F. ANDREWS,**  
M.Com., M.Com., M.Phil., B.Ed., Ph.D.,  
Asst Professor in Commerce  
St. Joseph's College of Arts & Science (Autonomous),  
Manjakuppam, Cuddalore - 607 001

  
Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



# **A STUDY ON SERVICE QUALITY OF CITY SUPERMARKET IN CUDDALORE**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

*Submitted By*

**KOWMIYA. K  
(Reg. No: A18MCM18)**

**Under the Guidance of  
Dr. P. JAMES MARY, M.A., M.Com., SLET., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER -2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON SERVICE QUALITY OF CITY SUPERMARKET IN CUDDALORE" is a bonafide record work submitted by KOWMIYA. K (Reg.No : A18MCM18) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 28.09.2020



Signature of the Guide

(Dr. P. JAMES MARY)



Signature of the External

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON CONSUMER PERFORMANCE TOWARDS ONLINE  
SHOPPING AND TRADITIONAL SHOPPING AMONG THE  
COLLEGE STUDENTS CUDDALORE**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**KOWSALYA. S**

Reg. No: A18MCM19

Under the guidance of

**MR. A. ALBERT RAVI M.Com., M.Phil., M.B.A.,**

(Assistant Professor of Commerce)



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**

**MR. A. ALBERT RAVI M.Com., M.Phil., M.B.A.,**

**(Assistant Professor of Commerce),**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE - 607001**

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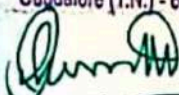
**BONAFIDE CERTIFICATE**

This is to certify that the project entitled **"A STUDY ON CONSUMER PERFORMANCE TOWARDS ONLINE SHOPPING AND TRADITIONAL SHOPPING AMONG THE COLLEGE STUDENTS CUDDALORE"** submitted by **KOWSALYA. S.**, bearing **Reg.No. A18MCM19** is a record of her Original and Independent work done during the period of study under my Guidance and submitted to **PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001**, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfilment for the award of the degree of **MASTER OF COMMERCE**.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 28/9/2020



Signature of the Guide

**A. ALBERT RAVI, M.Com., M.Phil., M.B.A.**  
Assistant Prof. in Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
CUDDALORE - 607 001,

Signature of the Principal



**A STUDY ON PROBLEMS FACED BY WOMENS IN  
UNORGANISED SECTORS IN CUDDALORE OT**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**LAKSHMI PRIYA. K  
(Reg. No: A18MCM20)**

**Under the Guidance of  
Mr. A. ALBERT RAVI, M.Com., M.Phil., M.B.A.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER-2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON PROBLEMS FACED BY WOMEN'S IN UNORGANISED SECTORS IN CUDDALORE OT" is a bonafide record work submitted by LAKSHMI PRIYA. K (Reg.No : A18MCM20) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 28/09/2020



Signature of the Guide

**A. ALBERT PAUL**, M.Com., M.Phil., M.B.A.  
Assistant Prof. in Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
CUDDALORE - 607 001.



Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of principal



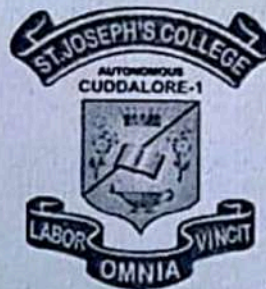
# **A STUDY ON PROBLEMS FACED BY UNORGANISED SECTOR CONSTRUCTION WORKERS IN CUDDALORE**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**LOKISWARAN.A  
(Reg. No: A18MCM21)**

**Under the Guidance of  
Mr. A. ALBERT RAVI, M.Com., M.Phil., M.B.A.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER-2020**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON PROBLEMS FACED BY UNORGANISED SECTOR CONSTRUCTION WORKERS IN CUDDALORE" is a bonafide record work submitted by LOKISWARAN. A (Reg.No : A18MCM21) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 23-09-2020

Signature of the principal



Signature of the Guide

**ALBERT RAJI, M.Com., M.Phil., M.B.A.**  
Assistant Prof. in Commerce  
St. Joseph's College of Arts and  
Science (Autonomous)  
CUDDALORE-607001



Signature of the External

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
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Cuddalore (T.N.) - 607001, India.



**A STUDY ON ABSENTEEISM OF EMPLOYEES WITH SPECIAL REFERENCE  
TO APPASAMY ASSOCIATES IN THIRUVANDAR KOVIL**

A Project report submitted to St. Joseph's College of Arts and Science

(Autonomous), Cuddalore

In partial fulfillment of the requirement for the award of the degree of

**MASTER OF COMMERCE**

Submitted by

**R.MYTHILI**

**Reg.No.A18MCM23**

Under the Guidance of

**Dr.P.ARUL PRASAD, M.Com., M.Phil., M.B.A., B.L.I.S., Ph.D.,**

(Assistant Professor of Commerce)



**PG AND RESEARCH DEPARTMENT OF COMMERCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**SEPTEMBER-2020**

## BONAFIDE CERTIFICATE

This is to certify that this project report titled, "A STUDY ON ABSENTEEISM EMPLOYEES WITH SPECIAL REFERENCE TO APPASAMY ASSOCIATES IN THIRUVANDARKOVIL" is a bonafide record work submitted by R.MYTHILI (A18MCM23) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2018-2020 and that the project work has not been submitted for the award of any other degree.

Place: Cuddalore

Date: 28.09.2020

  
Signature of the guide

  
Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

  
Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the principal



**A STUDY ON HEALTH INSURANCE WITH SPECIAL REFERENCE TO  
APPASAMY ASSOCIATES PRIVATE LIMITED, THIRUVANDAR KOIL,  
PUDUCHERRY.**

A project report submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY

**NANDHA KUMAR .J**

**Reg. No: A18MCM24**

Under the Guidance of

**Dr. P. ARUL PRASAD, M.Com., M.Phil., M.B.A., B.L.I.S., Ph.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER– 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON HEALTH INSURANCE WITH SPECIAL REFERENCE TO APPASAMY ASSOCIATES PRIVATE LIMITED, PUDUCHERRY" submitted by J.NANDHA KUMAR, bearing Reg. No. A18MCM24 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: CUDDALORE

Date: 28.9.2020

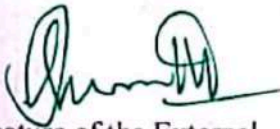


Signature of the Guide



Signature of the HOD

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
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Signature of the External

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON EMPLOYEE RETENTION WITH SPECIAL  
REFERENCE TO APPASAMY ASSOCIATES PRIVATE  
LIMITED, THIRUVANDAR KOIL, PUDUCHERRY.**

A project report submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**R. NITHIYA**

**Reg. No: A18MCM25**

Under the Guidance of

**Dr. P. ARUL PRASAD, M.Com., M.Phil., M.B.A., B.L.I.S., Ph.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607001**

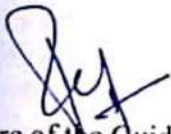
**SEPTEMBER– 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON EMPLOYEE RETENTION WITH SPECIAL REFERENCE TO APPASAMY ASSOCIATES PRIVATE LIMITED, PUDUCHERRY" submitted by R. NITHIYA, bearing Reg. No. A18MCM25 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: CUDDALORE

Date: 28.09.2020



Signature of the Guide



Signature of the HOD

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



Signature of the External

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**THE IMPACT OF EMPLOYER EMPLOYEE RELATIONSHIP IN  
ACHIEVING ORGANIZATIONAL GOALS WITH SPECIAL  
REFERENCE TO MANATEC ELECTRONICS PRIVATE LIMITED,  
KARIKALAMPAKKAM, PUDUCHERRY.**

A project report submitted to St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 1, affiliated to Thiruvalluvar University  
In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

Submitted by,

**PADMAVASHINI.T**

**Reg. No: A18MCM26**

Under the guidance of

**DR. I. SAVARIMUTHU, M.Com., M.Phil., M.B.A., M.Ed., Ph.D.,  
Associate Professor & Head of the PG and Research Department of  
Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**



**DR. I. SAVARIMUTHU, M.Com., M.Phil., M.B.A., M.Ed., Ph.D.,**  
**Associate Professor & Head of the PG and Research Department of Commerce,**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 607001**

**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "THE IMPACT OF EMPLOYER EMPLOYEE RELATIONSHIP IN ACHIEVING ORGANIZATIONAL GOALS WITH SPECIAL REFERENCE TO MANATEC ELECTRONICS PRIVATE LIMITED AT KARIKALAMPAKKAM, PUDUCHERRY" submitted by PADMAVASHINI, bearing Reg.No. A18MCM26 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: Cuddalore

Date: 28.09.2020



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



Signature of the Guide

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
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Cuddalore (T.N.) - 607001, India.



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**Dr. I. SAVARIMUTHU**  
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Associate Professor & Head  
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Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON EMPLOYEES JOB SATISFACTION IN TOYOTA  
CAR SERVICE COMPANY IN KIRUMAMBAKKAM,  
PUDUCHERRY.**

A project report submitted to St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 1, affiliated to Thiruvalluvar University

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

Submitted by,

**PAVITHRA P**

**Reg. No: A18MCM27**

Under the guidance of

**Mr. P. BENJAMIN ROZARIO, M.Com., M.Phil., M.H.R.M.,  
M.B.A., SET,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607001**


**SEPTEMBER – 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON EMPLOYEES JOB SATISFACTION IN TOYOTA CAR SERVICE COMPANY IN PUDUCHERRY (KIRUMAMBAKKAM) " submitted by PAVITHRA .P, bearing Reg.No. A18MCM27 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St.Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: Cuddalore

Date: 28.09.2020

  
Signature of the Guide

P.BENJAMIN NOZARIO, M.Com., M.Phil., M.H.R.M., M.B.A.,  
ASST. PROFESSOR IN COMMERCE,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
Signature of the HOD

Dr. T. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
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Dr. T. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL OF  
EMPLOYEES IN EID PARRY, NELLIKUPPAM**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University  
In partial fulfilment of the requirements for the award of the degree of  
**MASTER OF COMMERCE**

SUBMITTED BY

**D.PRITHA**

**Reg. No: A18MCM29**

Under the guidance of  
**Mr. P. BENJAMIN ROZARIO, M.Com., M.Phil., M.H.R.M., M.B.A., SET,**  
**(Assistant Professor of Commerce)**



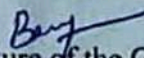
**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001  
SEPTEMBER – 2020**

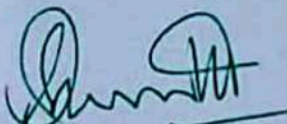
## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON EFFECTIVENESS OF PERFORMANCE APPRAISAL OF EMPLOYEES IN EID PARRY INDIA PVT LID NELLIKUPPAM" is a bonafide record work submitted by D.PRITHA(A18MCM29) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE during 2018-2020 and that the project work has not been submitted for the award of any other degree.

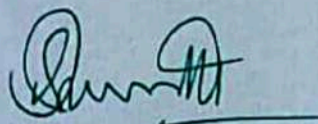
Place: Cuddalore

Date: 28.09.2020

  
Signature of the Guide  
**P. BENJAMIN ROZARIO, M.Com., M.Phil., M.N.R.M., M.B.A.,**  
ASST. PROFESSOR IN COMMERCE,  
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Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

  
Signature of the external

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON EMPLOYEE'S MOTIVATION IN EID PARRY( INDIA)  
LTD, NELLIKUPPAM, CUDDALORE.**

A project report submitted to St.Joseph's College of Arts & Science  
(Autonomous), Cuddalore – 1, affiliated to Thiruvalluvar University  
In partial fulfillment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

Submitted by,

**M.S. RUWAIDHA BEGAM**

**Reg. No: A18MCM30**

Under the guidance of

**Mr. D. PRABAKARAN M.Com, M.Phil, B.Ed, NET.**

**Assistant Professor in Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON EMPLOYEE'S MOTIVATION IN E.I.D PARRY( INDIA) LTD, NELLIKUPPAM CUDDALORE" submitted by M.S RUWAIDHA BEGAM, bearing Reg.No. A18MCM30 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: CUDDALORE

Date: 28.09.2020



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



Signature of the Guide

**[D. PRAZHAKARAN]**  
Asst. PROFESSOR  
DEPT OF COMMERCE  
ST. JOSEPH'S COLLEGE  
OF ARTS & SCIENCE.  
CUDDALORE - 1



Signature of the external

**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



# **A STUDY ON JOB SATISFACTION OF EMPLOYEES IN VST MOTORS LTD, KONDUR**

**A project report submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore.**

**In partial fulfillment of the requirement for the award of the degree of  
MASTER OF COMMERCE**

**Submitted by  
R.SANDHIYA  
Reg.No.:A18MCM31**

**Under the Guidance of  
Mr. D.PRABAKARAN, M.com.,M.Phil.,B.Ed.,NET  
(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
Cuddalore- 607001**

**A PROJECT REPORT  
SEPTEMBER 2020**

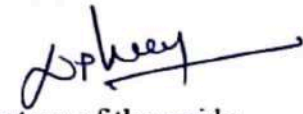
## **BONAFIDE CERTIFICATE**

This is to certify that this project report titled, **A STUDY ON JOB SATISFACTION OF EMPLOYEES IN VST MOTORS LTD, KONDUR**, is a bonafide record work submitted by **R.SANDHIYA (A18MCM31)** in partial fulfillment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2019-2020 and that the project work has not been submitted for the award of any other degree.


Place: Cuddalore

Date: 28.09.2020

Signature of the guide


  
[D. PRABHAKARAN]  
ASST. PROFESSOR  
DEPT OF COMMERCE  
ST. JOSEPH'S COLLEGE  
OF ARTS & SCIENCE  
CUDDALORE - 1

Signature of the HOD

  
Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the principal

Signature of the External

  
Dr. I. SAVARIMUTHU  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



**ROLE OF EMOTIONAL INTELLIGENCE WORK LIFE BALANCE IN  
JOB STRESS WITH SPECIAL REFFERENCE TO MANATEC  
ELECTRONICS PRIVATE LIMITED, KARIKALAMPAKKAM,  
PUDUCHERRY.**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University  
In partial fulfilment of the requirements for the award of the degree of

**MATER OF COMMERCE**

SUBMITTED BY,

**R. SANDHIYA**

**Reg. No: A18MCM32**

Under the guidance of

**Dr. M. JOHN BOSCO, M.Com., M.Phil., Ph.D.,**

**( Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001  
SEPTEMBER – 2020**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "ROLE OF EMOTIONAL INTELLIGENCE WORK LIFE BALANCE IN JOB STRESS WITH SPECIAL REFERENCE TO MANATEC ELECTRONICS PRIVATE LIMITED AT KARIKALAMPAKKAM, PUDUCHERRY" submitted by SANDHIYA.R bearing Reg.No. A18MCM32 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: CUDDALORE

Date: 28-09-2020



Signature of the HOD

**Dr. I. SAVARIMUTHU**

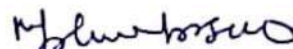
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



Signature of the guide

**M. JOHN BOSCO, M.Com., M.Phil., Ph.D.,**

Asst. Professor,

Dept. of Commerce,

St. Joseph's College of Art's & Science,

(Autonomous), Cuddalore-1.



Signature of the external

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON THE IMPACT OF PRODUCTION AND MARKETING OF MILK IN  
CO-OPERATIVE MILK PRODUCERS UNION IN PUDUCHERRY.**

A Project report submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore.

Affiliated to Thiruvalluvar University.

In partial fulfilment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

Submitted by,

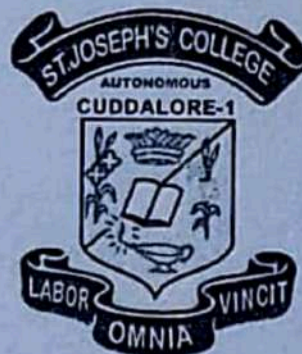
**N. SARANYA**

**Reg. No: A18MCM34**

Under the guidance of

**Mr. M. JOHN BOSCO M.COM, M.Phil.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**

## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "A STUDY ON THE IMPACT OF PRODUCTION AND MARKETING OF MILK IN CO-OPERATIVE MILK PRODUCERS UNION IN PUDUCHERRY" is a bonafide record work submitted by SARANYA N (A18MCM34) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE, during the year 2018 – 2020 and that the project work has not been submitted for the award of any other degree.

PLACE: CUDDALORE

DATE: 28.09.2020

Signature of the HOD.,

**Dr. I. SAVARIMUTHU**  
M.Com., MBA, M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal.

Signature of the Guide.

**M. JOHN BOSCO, M.Com., M.Phil., Ph.D.,**  
Asst. Professor,  
Dept. of Commerce,  
St. Joseph's College of Art's & Science,  
(Autonomous), Cuddalore-1.

Signature of the External.

**Dr. I. SAVARIMUTHU**  
M.Com., MBA, M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



# **A STUDY ON CONSUMER PERCEPTION OF ONLINE MARKETING IN CUDDALORE TOWN (CUDDALORE)**

A project report submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University  
In partial fulfilment of the requirements for the award of the degree of  
**MASTER OF COMMERCE**

SUBMITTED BY,  
**SOUNDARYA .S**  
Reg. No: A18MCM36

Under the guidance of  
**Mrs. S. BABY MOTCHARAKKINI ( M.COM.,B.Ed.,M.Phil,)**  
(Assistant Professor of Commerce)



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607001  
SEPTEMBER – 2020**

## BONAFIDECERTIFICATE

This is to certify that the project entitled "ASTUDY ON CONSUMER PERCEPTION OF ONLINE MARKETING IN CUDDALORE TOWN ( CUDDALORE)" submitted by SOUNDARYA . S, bearing Reg.No. A18MCM36 is a record of her Original and Independent work done during the period of study under my Guidance and submitted to PG AND RESEARCH DEPARTMENT OF COMMERCE, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of MASTER OF COMMERCE.

Place: Cuddalore

Date: 28.09.2020

  
Signature of the Guide  
(S. BABY MOTCHARAKKINI)

  
Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com, MBA, M.Phil, M.Ed, Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
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**Dr. I. SAVARIMUTHU**  
M.Com, MBA, M.Phil, M.Ed, Ph.D.  
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Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON EFFECT ON BRANDING ON CONSUMER BUYING WITH  
SPECIAL  
REFERENCE TO EID PARRY (INDIA) LTD (NELLIKUPPAM)**

A project report submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University  
In partial fulfillment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**SUBASHINI.S**

**Reg.No: A18MCM37**

Under the guidance of

**Dr. L. SANTHANA RAJ, M.COM,M.A.,M.B.M.,M.PIL.,PH.D.,  
(Assistant Professor of Commerce)**



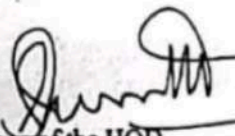
**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001  
SEPTEMBER - 2020**

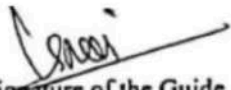
## BONAFIDE CERTIFICATE

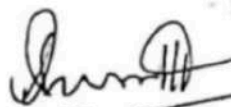
Thus is to certify that the project entitled " **A STUDY OF EFFECT ON BRANDING ON CONSUMER BUYING WITH SPECIAL REFERENCE TO E.I.D PARRY ( INDIA) LIMITED (NELLIKUPPAM)** " submitted by **S.SUBASHINI**, bearing **Reg.No. A18MCM37** is a record of her Original and Independent work done during the period of study under my Guidance and submitted to **PG AND RESEARCH DEPARTMENT OF COMMERCE** in **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF COMMERCE**.

Place: Cuddalore

Date: 28.09.2020

  
Signature of the HOD  
**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.,  
Associate Professor & Head  
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Cuddalore - 607 001

  
Signature of the Guide  
**Dr. L. SANTHANA RAJ,**  
M.Com, M.A., M.B.M., M.Phil., Ph.D.,  
Associate Professor in Commerce  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001

  
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**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.,  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

Signature of the Principal



**A STUDY ON EMPLOYEES GRIEVANCE HANDLING IN UCAL POLYMER PRIVATE  
LIMITED, PONDICHERRY.**

A project report submitted to  
St.Joseph's College of Arts and Science (Autonomous), Cuddalore.  
Affiliated to Thiruvalluvar University

In partial fulfillment of the requirements for the award of the degree of

**MASTER OF COMMERCE**

SUBMITTED BY,

**A.SUBASRI**

**Reg.No: A18MCM38**

Under the guidance of  
**Dr. L. SANTHANA RAJ, M.COM,M.A.,M.B.M.,M.PIL.,PH.D.,**  
**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 607001**

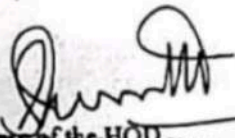
**SEPTEMBER - 2020**

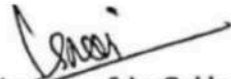
## BONAFIDE CERTIFICATE

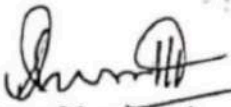
Thus is to certify that the project entitled " **A STUDY ON EMPLOYEES GRIEVANCE HANDLING IN UCAL POLYMER PRIVATE LIMITED, PONDICHERRY** " submitted by **A.SUBASRI**, bearing **Reg.No. A18MCM38** is a record of her Original and Independent work done during the period of study under my Guidance and submitted to **PG AND RESEARCH DEPARTMENT OF COMMERCE** in **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF COMMERCE**.

Place: Cuddalore

Date: 28.09.2020

  
Signature of the HOD  
**Dr. I. SAVARIMUTHU**  
M.Com, M.B.A, M.Phil, M.Ed, Ph.D.,  
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**Dr. I. SAVARIMUTHU**  
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Cuddalore - 607 001

Signature of the Principal



**IMPACT OF TRAINING AND DEVELOPMENT ON  
EMPLOYEES PERFORMANCE WITH REFERENCE TO  
LOTTE INDIA LIMITED, CUDDALORE.**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**SUJITHA.S  
(Reg. No: A18MCM39)**

**Under the Guidance of**

**Dr.I. SAVARIMUTHU HOD, M.Com., M.Phil., M.B.A., M.Ed., Ph.D.,  
ASSOCIATE PROFESSOR & HEAD OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER -2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled "IMPACT OF TRAINING AND DEVELOPMENT ON EMPLOYEES PERFORMANCE WITH REFERENCE TO LOTTE INDIA LIMITED, CUDDALORE" is a bonafide record work submitted by SUJITHA.S (Reg.No : A18MCM39) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
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Cuddalore (T.N.) - 607001, India.

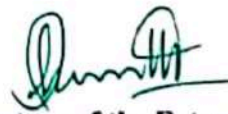


Signature of the Guide

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 28.01.2020



Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON CUSTOMER SATISFACTION WITH PONLAIT MILK PRODUCTS IN  
GOVINDA SALAI, PUDUCHERRY TOWN.**

**A Project report submitted to**

**St. Joseph's College of Arts & Science (Autonomous), Cuddalore.**

**Affiliated to Thiruvalluvar University.**

**In partial fulfilment of the requirements for the award of the degree of**

**MASTER OF COMMERCE**

**Submitted by,**

**S. SURESH**

**Reg. No: A18MCM40**

**Under the guidance of**

**Dr. I. VAITIANADANE M.COM, M.Phil. B.Ed., M.B.A., Ph.D.,**

**(Assistant Professor of Commerce)**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON CUSTOMER SATISFACTION WITH PONLAIT MILK PRODUCTS IN GOVINDA SALAI, PUDUCHERRY TOWN" is a bonafide record work submitted by S. SURESH (A18MCM40) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE, during the year 2018 – 2020 and that the project work has not been submitted for the award of any other degree.

PLACE: CUDDALORE

DATE: 28/09/2020



Signature of the HOD,

**Dr. I. SAVARIMUTHU**

M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

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Signature of the Guide.

**Dr. P. VAITINADANE @ ANBOUNADANE**  
ASSISTANT PROFESSOR

PG AND RESEARCH DEPT. OF COMMERCE

ST. JOSEPH COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

CUDDALORE - 607 001

Signature of the Principal.



Signature of the External.

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M.Com., M.B.A., M.Phil., M.Ed., Ph.D.

Associate Professor & Head

PG & Research Department of Commerce

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore (T.N.) - 607001, India.



**A STUDY ON EMPLOYEE'S JOB SATISFACTION IN KIRLOSKAR,  
PUDUCHERRY.**

**A PROJECT REPORT SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE.**

**(Affiliated to Thiruvalluvar University, Vellore)**

**In partial fulfilment of the requirements for the award of the degree of**

**MASTER OF COMMERCE**

**SUBMITTED BY,**

**AROKIA MELVIN RAJ A**

**Reg. No: A18MCM41**

**Under the guidance of**

**MR. P. BENJAMIN ROZARIO M.Com.M.Phil. M.H.R.M., M.B.A.SET.**

**Assistant Professor of Commerce**



**PG AND RESEARCH DEPARTMENT OF COMMERCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER – 2020**

## BONAFIDE CERTIFICATE

This is to certify that the project entitled " **JOB SATISFACTION OF EMPLOYEE'S IN KIRLOSKAR PUDUCHERRY**" submitted by **ÁROKIA MELVIN RAJ. A**, bearing Reg.No. **A18MCM41** is a record of his Original and Independent work done during the period of study under my Guidance and submitted to **PG AND RESEARCH DEPARTMENT OF COMMERCE**, St.Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of **MASTER OF COMMERCE**.

Place: Cuddalore.

Date: 28.09.2020



Signature of the HOD

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



**P. BENJAMIN ROZARIO**, M.Com., M.B.A., M.M.M., M.B.A.,  
ASST. PROFESSOR IN COMMERCE,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



Signature of the External

**Dr. I. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.

Signature of the Principal



**A STUDY ON IMPACT OF MOTIVATION ON EMPLOYEE  
PERFORMANCE WITH SPECIAL REFERENCE TO LOTTE  
INDIA LIMITED, CUDDALORE**

**A Project Report Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore  
in partial fulfillment of the requirement for the award of the degree of  
Master of Commerce**

***Submitted By***

**MONISHA.B  
(Reg. No: A18MCM42)**

**Under the Guidance of  
Dr.P.VAITIANADANE, M.Com., M.Phil., B.Ed., M.B.A., Ph.D.,  
ASSISTANT PROFESSOR OF COMMERCE**



**PG & RESEARCH DEPARTMENT OF COMMERCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**SEPTEMBER - 2020**

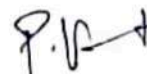
## BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON IMPACT OF MOTIVATION ON EMPLOYEE PERFORMANCE WITH SPECIAL REFERENCE TO LOTTE INDIA LIMITED, CUDDALORE" is a bonafide record work submitted by MONISHA.B (Reg.No : A18MCM42) in partial fulfillment of the requirement for the award of the degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2018 – 2020 and that the project work has not been submitted for the award of any other degree.



Signature of the HOD

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



Signature of the Guide

**Dr. P. VAITINADANE @ ANBOUNADANE**  
ASSISTANT PROFESSOR  
PG AND RESEARCH DEPT. OF COMMERCE  
ST. JOSEPH COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001

Signature of the Principals



Signature of the External

Place: Cuddalore

Date: 28.09.2020

**Dr. T. SAVARIMUTHU**  
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.  
Associate Professor & Head  
PG & Research Department of Commerce  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore (T.N.) - 607001, India.



**PHOTOCATALYTIC ACTIVITY OF ZINC OXIDE  
NANOPARTICLES USING *Wrightia Tinctoria*  
LEAF EXTRACT**

*A Dissertation Submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
*In Partial Fulfillment of the Requirement for the Award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**C. ANANTHI**  
**(Reg. No: A18MPH02)**

*Under the Supervision and Guidance of*  
**Dr. P. PRAVEEN, M.Sc., Ph.D.,**  
*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**

**SEPTEMBER - 2020**

## **BONAFIDE CERTIFICATE**

This is to certify that this report entitled "**PHOTOCATALYTIC ACTIVITY OF ZINC OXIDE NANOPARTICLES USING *Wrightia Tinctoria* LEAF EXTRACT**" is a bonafide record of the project work done by **C. ANANTHI (Roll No. A18MPH02)** during the academic year 2019-20 in partial fulfillment of the award of the Degree of **MASTER OF SCIENCE IN PHYSICS**.



**Rev. Fr. Dr. S. XAVIER**  
**Controller of Examinations & HOD**  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001.



**Dr. P. PRAVEEN**  
**Assistant Professor**  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on*

01.10.2020



**EXAMINER: 1**



**EXAMINER: 2**



**Comparative studies on chemical and green synthesized  $\text{CoFe}_2\text{O}_4$  nanoparticles by Sol-Gel Technique with Citric acid and Allium sativum for the Electrical and Antibacterial applications**

*A Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*

**MASTER OF PHILOSOPHY IN PHYSICS**

*Submitted by*

**S. AROCKIA  
IMMACULATE  
MARY**

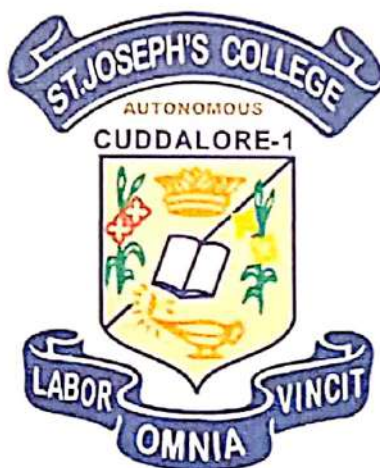
*(Reg. No: A18MPH03)*

*Under the Supervision and Guidance of*

**Dr. V. SATHANA., M.Sc., M.Phil., PGDCA., Ph.D.,**

*Assistant Professor*

*Post Graduate & Research Department of Physics*



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**Cuddalore – 607001**

**August – 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "**Comparative studies on chemical and green synthesized  $\text{CoFe}_2\text{O}_4$  nanoparticles by Sol-Gel Technique with Citric acid and Allium sativum for the Electrical and Antibacterial applications**" is a bonafide record of the project work done by **S.AROCKIA IMMACULATE MARY**, Roll No. **A18MPH03**, during the year 2019-2020 in partial fulfillment of the award of the Degree of **MASTER OF PHILOSOPHY IN PHYSICS** at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.



**Rev. Fr. S. XAVIER,**  
**Head of the Department**  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
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Cuddalore-607001.



**Dr. V. SATHANA,**  
**Assistant Professor in Physics**  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore at the viva-voce examination held on*

01-10-2020

---



**EXAMINER: 1**



**EXAMINER: 2**



**ANTIBACTERIAL ACTIVITY OF COPPER OXIDE  
NANOPARTICLES USING AQUEOUS LEAF EXTRACT OF  
*Carica Papaya***

*A Dissertation Submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
*In Partial Fulfillment of the Requirement for the Award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**P. BALAJI**  
**(Reg. No: A18MPH04)**

*Under the Supervision and Guidance of*  
**Dr. P. PRAVEEN, M.Sc., Ph.D.,**  
*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUD DALORE - 607 001**  
**SEPTEMBER - 2020**

## **BONAFIDE CERTIFICATE**

This is to certify that this report entitled "**ANTIBACTERIAL ACTIVITY OF COPPER OXIDE NANOPARTICLES USING AQUEOUS LEAF EXTRACT OF *Carica Papaya***" is a bonafide record of the project work done by **P. BALAJI (Roll No. A18MPH04)** during the academic year 2019-20 in partial fulfillment of the award of the Degree of **MASTER OF SCIENCE IN PHYSICS**.



**Rev. Fr. Dr. S. XAVIER**  
**Controller of Examinations & HOD**  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001.



**Dr. P. PRAVEEN**  
**Assistant Professor**  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on*

01.10.2020



**EXAMINER: 1**



**EXAMINER: 2**



**INVESTIGATION ON MICROSTRUCTURE AND MAGNETIC  
PROPERTIES OF  $(\text{MnFe}_2\text{O}_4, \text{Zn}_{0.25}\text{Mn}_{0.75}\text{Fe}_2\text{O}_4$  AND  
 $\text{Zn}_{0.75}\text{Mn}_{0.25}\text{Fe}_2\text{O}_4/\text{PVP})$  SUPER-PARAMAGNETIC  
NANOPARTICLES**

*A Dissertation Submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
*In Partial Fulfillment of the Requirement for the Award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**K. DHIVYA BHARATHI**  
**(Reg. No: A18MPH05)**

*Under the Supervision and Guidance of*  
**R.SAGAYARAJ, M.Sc., M.Phil., BEd.,**  
*Assistant Professor*  
**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607 001**

**SEPTEMBER – 2020**

## CERTIFICATE

This is to certify that this report entitled "INVESTIGATION ON MICROSTRUCTURE AND MAGNETIC PROPERTIES OF  $(\text{MnFe}_2\text{O}_4, \text{Zn}_{0.25}\text{Mn}_{0.75}\text{Fe}_2\text{O}_4$  AND  $\text{Zn}_{0.75}\text{Mn}_{0.25}\text{Fe}_2\text{O}_4/\text{PVP}$ ) SUPER-PARAMAGNETIC NANOPARTICLES " is a bonafide record of the project work done by K. DHIVYA BHARATHI (Roll No. A18MPH05) during the year 2018-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS.



Rev. Fr. Dr. S. XAVIER

Assistant Professor & Head

PG & Research Department of Physics,

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore – 607 001.



R. SAGAYARAJ

Assistant Professor

PG & Research Department of Physics,

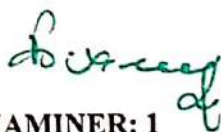
St. Joseph's College of Arts and Science (Autonomous),

Cuddalore – 607 001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore at the*

*Viva-Voce Examination held on*

01-10-2020



EXAMINER: 1



EXAMINER: 2



# **NMR, UV-Vis, CHARGE AND MOLECULAR DOCKING INVESTIGATION ON 2,4-DIMETHYLBENZOIC ACID**

*A dissertation submitted in  
in partial fulfillment for the award of the degree of*

**MASTER OF SCIENCE**

**In**

**PHYSICS**

*Submitted by*

**P. DONALD NELSON**  
**(Roll No: A18MPH06)**

*Under the guidance of research supervisor*

**Dr. S. SEBASTIAN, M.Sc., Ph.D.,**  
**Assistant Professor of Physics**



**PG & Research Department of Physics,**  
**St. Joseph's College of Arts & Science (Autonomous)**  
**Cuddalore-607 00**

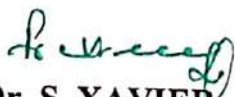
**SEPTEMBER 2020**

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "NMR, UV-Vis, CHARGE AND MOLECULAR DOCKING INVESTIGATION ON 2,4-DIMETHYLBENZOIC ACID" is the bonafide record of research work done by **Mr. P. DONALD NELSON** (Roll No. A18MPH06) student of M.Sc.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2018-2020 in partial fulfilment of the requirement for the award of the degree of MASTER OF SCIENCE IN PHYSICS.



Rev. Fr.Dr. S. XAVIER  
Head of the Department,  
PG & Research  
Department of Physics,  
St. Joseph's College of Arts  
Science (Autonomous)  
Cuddalore-607 001.



Dr.S.SEBASTIAN  
Assistant Professor,  
PG & Research  
Department of Physics,  
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Science(Autonomous)  
Cuddalore-607 001.

#### Examiners:

1. 
2. 



**SYNTHESIS, SPECTROSCOPIC STUDIES ON THE MOLECULAR  
STRUCTURE 4-(4-(4,5-DIHYDRO-5-(4-ISOPROPYLPHENYL)-1H-  
PYRAZOLE-3-YL) PHENYL) MORPHOLINE**

*A dissertation submitted in  
in partial fulfillment for the award of the degree of*

**MASTER OF SCIENCE**

**In**

**PHYSICS**

*Submitted by*

**S. ELAVARASI**

**(Roll No: A18MPH07)**

*Under the guidance of research supervisor*

**Rev. Fr. Dr. S. XAVIER, M.Sc., B.Ed., M.Phil., Ph.D.,**

**CONTROLLER OF EXAMINATIONS  
HEAD OF THE DEPARTMENT  
PG & RESEARCH DEPARTMENT OF PHYSICS**



**St. Joseph's College of Arts & Science (Autonomous)**

**Cuddalore-607 001**

**SEPTEMBER-2020**

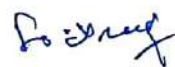
## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS, SPECTROSCOPIC STUDIES ON THE MOLECULAR STRUCTURE OF 4-(4-(4,5-DIHYDRO-5-(4-ISOPROPYLPHENYL)-1H-PYRAZOLE-3-YL) PHENYL) MORPHOLINE" is the bonafide record of research work done by Ms. S.ELAVARASI (Roll No. A18MPH07) student of M.Sc.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2019-2020 in partial fulfilment of the requirement for the award of the degree of MASTER OF SCIENCE IN PHYSICS.



Rev. Fr.Dr.S. XAVIER

Head of the Department,  
PG & Research  
Department of Physics,  
St. Joseph's College of Arts  
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Rev. Fr.Dr.S. XAVIER  
Research Guide  
Head of the Department,  
PG & Research  
Department of Physics,  
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Science(Autonomous)  
Cuddalore-607 001.

Examiner 1:



Examiner 2:





**BIO-SYNTHESIS OF SILVER NANOPARTICLES USING SEED  
EXTRACT OF HYGROPHILA AURICULATA**

A dissertation submitted to  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

Affiliated to

**THIRUVALLUVAR UNIVERSITY**

In partial fulfilment for the award of the degree of

**MASTER OF SCIENCE**

In

**PHYSICS**

Submitted by

**D.HEMA**

**(ROLL NO: A18MPH08)**

Under the guidance of research supervisor

**Dr. M. SATHISH, M.Sc., B.Ed., M.Phil., Ph.D., SET,**

Assistant professor

Department of physics



**ST.JOSPEH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE-607-001**

**APRIL-2020**

### BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "BIO- SYNTHESIS OF SILVER NANOPARTICLES USING SEED EXTRACT OF HYGROPHILA AURICULATA" is the bonafide record of research work done by D.HEMA (Roll no: A18MPH08) student of M.Sc., (Physics) St. Joseph's college of arts & science (Autonomous), Cuddalore, during the period of 2018-2020 in partial fulfilment of the requirements for the award of the degree of MASTER OF SCIENCE IN PHYSICS.

  
Head of the department

Rev. Fr. Dr. S. XAVIER

Controller Of Examination

Head of the Department

PG & Research Department of Physics

St. Joseph's college of Arts & Science

(Autonomous), Cuddalore- 607001.

  
Internal Guide

Dr. M. SATHISH

Assistant Professor

PG & Research Department of Physics

St. Joseph's college of Arts & Science

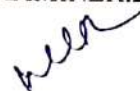
(Autonomous), Cuddalore- 607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the viva-voice examination held on 01.10.2020*

EXAMINER:1



EXAMINER:2





**SYNTHESIS AND THEORETICAL STUDIES OF A NOVEL COPOUND 4-(4,5-dihydro-3-(4-morpholinophenyl)-1H-Pyrazol-5-yl)-N,N-dimethylbenzenamine.**

*A dissertation submitted in  
in partial fulfillment for the award of the degree of*

**MASTER OF SCIENCE**

**In**

**PHYSICS**

*Submitted by*

**J.JAYASHREE**

**(Roll No: A18MPH10)**

*Under the guidance of research supervisor*

**Rev. Fr. S. XAVIER, M.sc., B.Ed., M.Phil., Ph.D.,**

**CONTROLLER OF EXAMINATIONS**

**HEAD OF THE DEPART**

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**PG & Research Department of Physics,**

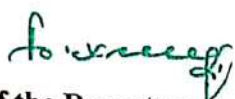
**St. Joseph's College of Arts & Science (Autonomous)**

**Cuddalore-607 00**

**APRIL 2020**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "**Synthesis and Theoretical Studies of 4-(4,5-dihydro-3-(4-morpholinophenyl)-1H-Pyrazol-5-yl)-N,N-dimethylbenzenamine**" is the bonafide record of research work done by **Ms. J.JAYASHREE** (Roll No. **A18MPH10**) student of M.Sc.,(Physics) **St. Joseph's College of Arts & Science (Autonomous), Cuddalore**, during the period of 2019-2020 in partial fulfilment of the requirement for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**.

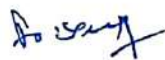


Head of the Department

**Rev. Fr.Dr.S. XAVIER**

Head of the Department

PG & Research Department of Physics,  
St. Joseph's College of Arts and  
Science (Autonomous),  
Cuddalore-607001.



Internal Guide

**Rev. Fr.Dr.S. XAVIER**

Head of the Department

PG & Research Department of  
Physics,  
St. Joseph's College of Arts and  
Science (Autonomous),  
Cuddalore-607001.

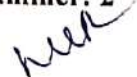
Submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore at  
the viva-voice Examination held on

01.10.2020

Examiner: 1



Examiner: 2





# DENSITY FUNCTIONAL THEORY ON L-GLUTAMINE AMMONIUM CHLORIDE CRYSTAL

*Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*

**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*

**S. JENOVA MARY**

**(Reg. No: A18MPH11)**

*Under the Guidance of*

**S. SANGEETHA MARGREAT., M.Sc., M.Phil.,**

**Assistant Professor,**



**POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

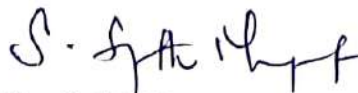
**SEPTEMBER– 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "**DENSITY FUNCTIONAL THEORY ON L-GLUTAMINE AMMONIUM CHLORIDE CRYSTAL**" is a bonafide record of the project work done by **S. JENOVA MARY**, Roll No. **A18MPH11**, during the year 2019-2020 in partial fulfillment of the award of the Degree of **MASTER OF SCIENCE IN PHYSICS** at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.



Rev. Fr. S. XAVIER,  
COE & Head of the Department,  
PG & Research Department of Physics,  
St. Joseph's College Of Arts And Science  
(Autonomous)  
Cuddalore-607001.

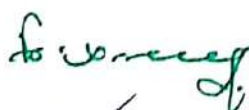


Miss. S. SANGEETHA MARGREAT,  
Assistant Professor,  
PG & Research Department of Physics  
St. Joseph's College Of Arts And Science  
(Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts And Science (Autonomous), Cuddalore at the  
viva-voice examination held on*

01.10.2020

### EXAMINER

1. 
2. 



**Comparative studies on chemical and green synthesized  
NiCoFe<sub>2</sub>O<sub>4</sub> nanoparticles by Sol-Gel Technique with Citric  
acid and Allium sativum for the Electrical and  
Antibacterial applications**

*A Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*

**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*

**B. KARTHIKEYAN**

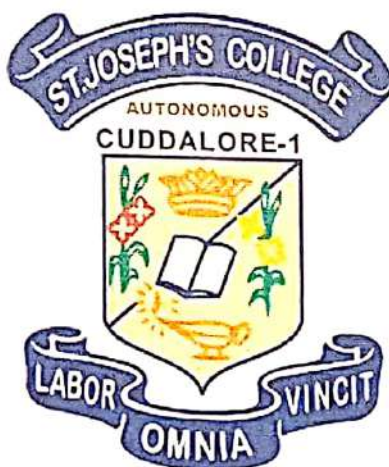
(Reg. No: A20MPH12)

*Under the Supervision and Guidance of*

**Dr. V. SATHANA., M.Sc., M.Phil., PGDCA., Ph.D.,**

*Assistant Professor*

*Post Graduate & Research Department of Physics*



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**Cuddalore – 607001**

**September – 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "Comparative studies on chemical and green synthesized  $\text{NiCoFe}_2\text{O}_4$  nanoparticles by Sol-Gel Technique with Citric acid and Allium sativum for the Electrical and Antibacterial applications" is a bonafide record of the project work done by B.KARTHIKEYAN, Roll No. A20MPH12, during the year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.



Rev. Fr. S. XAVIER,  
Head of the Department  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore-607001.



Dr. V. SATHANA,  
Assistant Professor in Physics  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore at the viva-voce examination held on*

01.10.2020

---

EXAMINER: 1



EXAMINER: 2



**INVESTIGATION ON STRUCTURAL AND MAGNETIC PROPERTIES OF  
( $\text{LiFe}_2\text{O}_4$ ,  $\text{Li}_{0.25}\text{Co}_{0.75}\text{Fe}_2\text{O}_4$  AND  $\text{Li}_{0.75}\text{Co}_{0.25}\text{Fe}_2\text{O}_4/\text{PVP}$ )  
SUPER-PARAMAGNETIC NANOPARTICLES**

*A Dissertation Submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
*In Partial Fulfillment of the Requirement for the Award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**S. KAVITHA**  
**(Reg. No: A18MPH13)**

*Under the Supervision and Guidance of*  
**R.SAGAYARAJ, M.Sc., M.Phil., BEd.,**  
*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



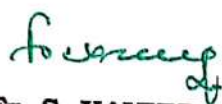
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**

**MAY- 2020**

## CERTIFICATE

This is to certify that this report entitled "INVESTIGATION ON STRUCTURAL AND MAGNETIC PROPERTIES OF  $(\text{LiFe}_2\text{O}_4, \text{Li}_{0.25}\text{Co}_{0.75}\text{Fe}_2\text{O}_4$  AND  $\text{Li}_{0.75}\text{Co}_{0.25}\text{Fe}_2\text{O}_4/\text{PVP}$ ) SUPER-PARAMAGNETIC NANOPARTICLES " is a bonafide record of the project Work done by D.KAVITHA (Roll No. A18MPH13) during the year 2015-16 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS.



**Rev. Fr. S. XAVIER**

**Assistant Professor & Head**

PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001.



**R.SAGAYARAJ**

**Assistant Professor**

PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on*

01.10.2020

**EXAMINER:1**



**EXAMINER: 2**





**Comparative studies on chemical and green synthesized  
LiCoFe<sub>2</sub>O<sub>4</sub> nanoparticles by Sol-Gel Technique with Citric acid  
and Allium sativum for the Electrical and  
Antibacterial applications**

*A Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*

**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*

**R. KAYALVIZHI**

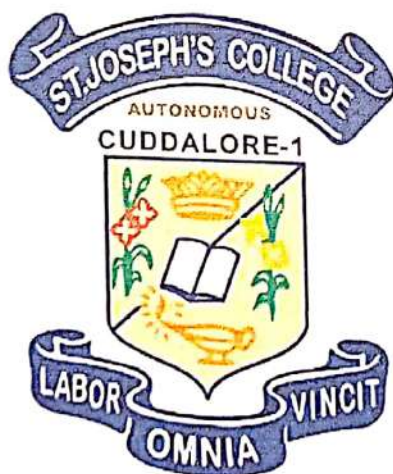
(Reg. No: A18MPH14)

*Under the Supervision and Guidance of*

**Dr. V. SATHANA., M.Sc., M.Phil., PGDCA., Ph.D.,**

*Assistant Professor*

*Post Graduate & Research Department of Physics*



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**Cuddalore – 607001**

**August – 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "Comparative studies on chemical and green synthesized  $\text{LiCoFe}_2\text{O}_4$  nanoparticles by Sol-Gel Technique with Citric acid and Allium sativum for the Electrical and Antibacterial applications" is a bonafide record of the project work done by R. KAYALVIZHI, Roll No. A18MPH14, during the year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.



Rev. Fr. S. XAVIER,  
Head of the Department  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore-607001.



Dr. V. SATHANA,  
Assistant Professor in Physics  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore at the viva-voce examination held on*

01.10.2020

EXAMINER: 1



EXAMINER: 2





# GROWTH AND CHARACTERIZATION OF SOLUTION-GROWN L-ALANINE DOPPED ALUMINIUM CHLORIDE CRYSTAL

*In partial fulfilment of the requirement for the award of the degree of*

## MASTER OF SCIENCE

**In**

## PHYSICS

*Submitted by*

R.KEERTHANA

(Roll No: A18MPH15)

*Under the guidance of research supervisor*

Mrs. M. Maria Julie MSc, B.Ed., M.Phil.,  
Assistant Professor,

PG & Research Department of Physics.



PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001

SEPTEMBER – 2020

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "GROWTH AND CHARACTERIZATION OF SOLUTION-GROWN L-ALANINE DOPPED ALUMINIUM CHLORIDE CRYSTALS" is a bonafide record of the project work done by R KEERTHANA(Roll No. A18MPH15) during the academic year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS



**Rev. Fr. Dr. S. XAVIER**

**Controller of Examinations & HOD**

PG & Research Department of Physics

St. Joseph's College of Arts and Science

(Autonomous), Cuddalore-607001.(Autonomous), Cuddalore-607001.



**Mrs. M. Maria Julie**

**Assistant Professor**

PG & Research Department of Physics

St. Joseph's College of Arts and Science

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on*

01.10.2020

**Examiners 1.**



**Examiners 2.**





**MOLECULAR MODELLING INVESTIGATION ON  
N-(4-HYDROXYPHENYL) ACETAMIDE  
(PARACETAMOL)**

*A dissertation submitted to*  
**St. Joseph's College of Arts & Science (Autonomous),**  
*In partial fulfillment of the requirement for the award of the degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**H. MOHAMED KAMIL**  
**(A18MPH16)**

*Under the guidance of*  
**Dr. M. SATHISH, M.Sc, B.Ed., M.Phil., SET., Ph.D.,**  
**Assistant Professor,**



**PG & Research Department of Physics,**  
**St. Joseph's College of Arts & Science (Autonomous),**  
**Cuddalore - 607 001.**  
**SEPTEMBER 2020**

**Dr. M. SATHISH., M.Sc., B.Ed., M.Phil., SET., Ph.D.,**  
Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore – 607 001.

---

**BONAFIDE CERTIFICATE**

This is to certify that the project work entitled “**MOLECULAR MODELLING INVESTIGATION ON N-(4-HYDROXYPHENYL) ACETAMIDE (PARACETAMOL)**” submitted by **H. MOHAMED KAMIL** (Roll No. A18MPH16) in partial fulfillment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, April 2020, was done, during the period of her studies under my guidance.



**Rev. Fr. Dr. S. XAVIER**

COE & Head of the department,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.



**Dr. M. SATHISH,**

Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 01.10.2020*

**Examiners**

1.



2.





**STRUCTURAL AND FUNCTIONAL ANALYSIS OF NICKEL OXIDE  
USING SIRUPEELAI SAMOOLA KUDINEER**

*A Dissertation Submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
*In Partial Fulfillment of the Requirement for the Award of the Degree of*  
**MASTER OF SCIENCE IN PHYSICS**

*Submitted by*  
**S. MOHANA SUNTHARI**  
**(Reg. No: A18MPH17)**

*Under the Supervision and Guidance of*  
**S. SANGEETHA MARGREAT, M.Sc., M.Phil.,**  
*Assistant Professor*  
**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**  
**APRIL -**

Submitted by  
**S. MOHANA SUNTHARI**  
(Reg. No: A18MPH17)  
Under the Supervision and Guidance of  
**S. SANGEETHA MARGREAT, M.sc., M.Phil.,**  
Assistant Professor

**PG & RESEARCH DEPARTMENT OF PHYSICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE - 607 001**  
**SEPTEMBER - 2020**

### **BONAFIDE CERTIFICATE**

This is to certify that this report entitled "**STRUCTURAL AND FUNCTIONAL ANALYSIS OF NICKEL OXIDE NANOPARTICLES USING SIRUPEELAI SAMOOLA KUDINEER PLANT EXTRACT BY GREEN SYNTHESIS METHOD**" is a bonafide record of the project work done by **S. MOHANA SUNTHARI (Roll No. A18MPH17)** during the academic year 2019-20 in partial fulfillment of the award of the Degree of **MASTER OF SCIENCE IN PHYSICS.**



**Rev. Fr. Dr. S. XAVIER**

**Controller of Examinations & HOD Assistant Professor**  
PG & Research Department of Physics PG & Research Department of Physics  
St. Joseph's College of Arts and Science St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore-607001. (Autonomous), Cuddalore-607001.

*Submitted to St. Joseph's College of Arts and Science*  
*(Autonomous), Cuddalore at the Viva-Voce Examination held on 01.10.2020*

**EXAMINER: 1**



**EXAMINER: 2**





QUANTUM COMPUTATIONAL AND EXPERIMENTAL  
SPECTROSCOPIC ANALYSIS ON CATECHOLAMINE AND TRACE  
AMINES SECRETED IN HUMAN BRAIN AND GREATER  
SIGNIFICANCE TO MOLECULAR DOCKING.

*A dissertation submitted to*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*in partial fulfilment for the award of the degree of*

MASTER OF SCIENCE

In

PHYSICS

*Submitted by*

**A. POONKUZHALI**  
**(Roll No: A18MPH18)**

*Under the guidance of research supervisor*

**Dr. D. SHOBHA**, M.Sc., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR  
PG & RESEARCH DEPARTMENT OF PHYSICS.



ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607 001

**APRIL- 2020**

## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "Quantum Computational and Experimental spectroscopic analysis on Catecholamine and trace amines secreted in human brain and greater significance to molecular docking" is the bonafide record of research work done by **Ms. A. POONKUZHALI** (Roll No. A18MPH18) student of M.Sc.,(Physics) **St. Joseph's College of Arts & Science (Autonomous), Cuddalore**, during the period of 2019-2020 in partial fulfilment of the requirements for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**.

  
Head of the department

**Rev. Fr. Dr. S. XAVIER**  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts  
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Cuddalore-607 001.

  
Internal Guide

**Dr. D. SHOBHA**  
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*Submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore at  
the viva-voice examination held on*

01/10/2020

**Examiner: 1**



**Examiner: 2**





# STRUCTURAL, MORPHOLOGICAL AND MAGNETIC CHARACTERISATION OF COPPER FERRITE NANOPARTICLES WITH W-H METHOD

*Dissertation submitted to the*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

*In partial fulfillment of the requirement for the award of the Degree of*

MASTER OF SCIENCE IN PHYSICS

*Submitted by*

N. REVANTH

(Reg. No: A18MPH19)

*Under the Guidance of*

Dr. K. ELAYA KUMAR., M.Sc., M.Ed., Ph.D.,

Assistant Professor,



POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

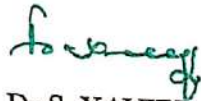
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)

CUDDALORE – 607 001

SEPTEMBER– 2020

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "STRUCTURAL, MORPHOLOGICAL AND MAGNETIC CHARACTERISATION OF COPPER FERRITE NANOPARTICLES WITH W-H METHOD" is a bonafide record of the project work done by N. REVANTH, Roll No. A18MPH19, during the year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.



Rev. Fr. Dr. S. XAVIER,  
COE & Head of the Department,  
PG & Research Department of Physics,  
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Dr. K. ELAYA KUMAR,  
Assistant Professor,  
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St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607001.

*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the  
viva-voice examination held on*

01.10.2020

### EXAMINER

1. 
2. 



**MOLECULAR MODELLING INVESTIGATION ON  
2-HYDROXY-1-NAPHTHALDEHYDE**

A dissertation submitted to  
St. Joseph's College of Arts & Science (Autonomous),  
In partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN PHYSICS**

Submitted by  
**A.SABARINATH**  
**(A18MPH20)**

Under the guidance of research supervisor  
**Dr.M.SATHISH, M.Sc,B.Ed.,M.Phil.,SET.,Ph.D.**

**Assistant Professor,**  
**PG & Research Department of Physics.**



**PG & Research Department of Physics,**  
**St. Joseph's College of Arts & Science (Autonomous),**  
**Cuddalore-607 001.**

**APRIL 2020**

**Dr. M. SATHISH, M.Sc, B.Ed., M.Phil., SET., Ph.D.,**

Assistant Professor,

PG & Research Department of physics,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"MOLECULAR MODELLING INVESTIGATION ON 2-HYDROXY 1-NAPHTHALDEHYDE"** submitted by Mr.A.SABARINATH (Roll No. A18MPH20) in partial fulfillment of the requirements for the award of the MASTER OF SCIENCE IN PHYSICS, St.Joseph's College of Arts & Science (Autonomous), Cuddalore, April 2019, was done, during the period of her studies under my guidance.



**Rev. Fr. Dr. S. XAVIER**

Controller of Examination,

Head of the department,

PG & Research Department of Physics,

St. Joseph's College of Arts & Science

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**Dr. M. SATHISH,**

Assistant Professor,

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*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice examination held on 01.10.2020*

**Examiners 1.**



**2.**





**INVESTIGATION ON GROWTH AND CHARACTERIZATION OF 2-AMINO-2-THIAZOLINE (AMTZ) SINGLE CRYSTAL GROWTH BY SLOW EVAPORATION TECHNIQUE**

Dissertation submitted to the  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
(AUTONOMOUS)

In partial fulfillment of the requirement for the award of the Degree  
of

**MASTER OF SCIENCE IN PHYSICS**

Submitted by  
**S.SELVA PRIYA**  
(Reg.No : A18MPH22)

Under the Supervision and Guidance of  
**Mr. H. JUDE LEONARD HILARY, M.Sc., M.Phil., M.Ed.,**  
Assistant professor,  
**Department of Physics,**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
(AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)

**CUDDALORE – 607 001**

**APRIL-2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "INVESTIGATION ON GROWTH AND CHARACTERIZATION OF 2-AMINO 2-THIAZOLINE(AMTZ SINGLE CRYSTAL GROWTH BY SLOW EVAPORATION TECHNIQUE" is a bonafide record of the project work done by S.SELVA PRIYA (Roll No. A18MPH22) during the academic year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS



Rev. Fr. Dr. S. XAVIER

Controller of Examinations & HOD

PG & Research Department of Physics

St. Joseph's College of Arts and Science

(Autonomous), Cuddalore-607001.(Autonomous), Cuddalore-607001.



Mr. H. Jude Leonard Hilary

Assistant Professor

PG & Research Department of Physics

St. Joseph's College of Arts and Science

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on 01.10.2020*

Examiners 1.



Examiners 2.





**CRYSTALGROWTH,STRUCTURAL,OPTICAL,FUNCTIONAL  
AND NLO STUDIES OF  $\gamma$  - GLYCINE SINGLE CRYSTAL IN THE  
PRESENCE OF SODIUM BROMIDE**

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE**

**In**

**PHYSICS**

*Submitted by*

**J.SURESH**

**(RollNo: A18MPH23)**

*Under the guidance of research supervisor*

**Dr.C.YOGAMBAL M.Sc., Ph.D**

**Assistant Professor,**

**PG & Research Department of Physics.**



**PG&Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001**

**SEPTEMBER - 2020**

**Dr.C . YOGAMBAL M.Sc.,Ph.D**

Assistant Professor,  
PG & Research Department of physics,  
St. Joseph's College of Arts & Science  
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### BONAFIDE CERTIFICATE

This is to certify that the project work entitle "**CRYSTAL GROWTH, STRUCTURAL OPTICAL, FUNCTIONAL AND NLO STUDIES OF  $\gamma$  - GLYCINE SINGLE CRYSTAL IN THE PRESENCE OF SODIUM BROMIDE**" submitted by **Mr.J.SURESH** (Roll No :A18MPH23) in partial fulfilment of the requirements for the award of the **MASTER OF SCIENCE IN PHYSICS**, St. Joseph's College of Arts & Science (Autonomous), Cuddalore , September - 2020, was done during the period of him studies under my guidance.

*S. Xavier*

**REV. FR. Dr. S. XAVIER**

COE & Head of the department,  
PG & Research Department of Physics,  
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*for. Dr. C. Yogambal*

**Dr.C.YOGAMBAL M.Sc.,Ph.D**

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Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the  
Viva-Voice examination held on 01.10.2020

#### Examiners

1. *S. Xavier*
2. *mes*



# FORMATION AND CHARACTERISATION OF MAGNESIUM FERRITE NANOPARTICLES WITH W-H METHOD

*Dissertation submitted to the*

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

*In partial fulfillment of the requirement for the award of the Degree of*

MASTER OF SCIENCE IN PHYSICS

*Submitted by*

V. VASANTHI

(Reg. No: A18MPH24)

*Under the Guidance of*

Dr. K. ELAYA KUMAR., M.Sc., M.Ed., Ph.D.,

Assistant Professor,



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CUDDALORE – 607 001

SEPTEMBER– 2020

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "FORMATION AND CHARACTERISATION OF MAGNESIUM FERRITE NANOPARTICLES WITH W-H METHOD" is a bonafide record of the project work done by V. VASANTHI, Roll No. A18MPH24, during the year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF SCIENCE IN PHYSICS at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.



Rev. Fr. Dr. S. XAVIER,  
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*Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the  
viva-voice examination held on*

01.10.2020

### EXAMINER

1. 
2. 



**MOLECULAR GEOMETRY, VIBRATIONAL AND  
MOLECULAR DOCKING INVESTIGATION ON  
4-CHLOROSALICYLIC ACID**

*A dissertation submitted in  
in partial fulfillment for the award of the degree of*

**MASTER OF SCIENCE**

**In**

**PHYSICS**

*Submitted by*

**I. VINCENT**

**(Roll No: A18MPH25)**

*Under the guidance of research supervisor*

**Dr. S. SEBASTIAN, M.Sc., Ph.D.,  
Assistant Professor of Physics**



**PG & Research Department of Physics,  
St. Joseph's College of Arts & Science (Autonomous)**

**Cuddalore-607 00**

**SEPTEMBER 2020**

St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-607 001.

---

### BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled "**Molecular Geometry, Vibrational and Molecular Docking Investigation on 4-Chlorosalicylic Acid**" is the bonafide record of research work done by **Mr. VINCENT I** (Roll No. A18MPII25) student of M.Sc.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2018-2020 in partial fulfilment of the requirement for the award of the degree of **MASTER OF SCIENCE IN PHYSICS**.



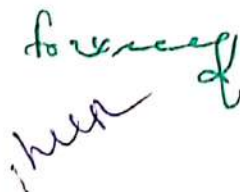
**Rev. Fr. Dr. S. XAVIER**  
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#### Examiners:

- 1.
- 2.





**SYNTHESIS AND SPECTROSCOPIC INVESTIGATION OF  
(5-(3-METHYLTHIOPHEN-2-YL)-3-P-TOLYL-4,5-DIHYDRO-  
1H-PYRAZOL-1-YL) ETHANONE BY DFT METHODS**

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**  
*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**  
*in partial fulfillment for the award of the degree of*

**MASTER OF PHILOSOPHY**  
**in**  
**PHYSICS**

*Submitted by*  
**G.GEETHANJALI**  
**(Roll No: A19MPPH01)**

*Under the guidance of research supervisor*  
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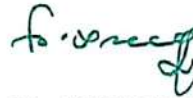
**SEPTEMBER 2020**

## CERTIFICATE

This is to certify that the dissertation entitled "Synthesis and Spectroscopic investigation of 1-(5-(3-Methylthiophen-2-yl)-3-p-tolyl-4,5-dihydro-1H-pyrazol-1-yl) ethanone by DFT methods" is the bonafide record of research work done by G. GEETHANJALI (Roll No. A19MPPH01) student of M.Phil.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1 (Affiliated to Thiruvalluvar University, Vellore), in partial fulfilment of the requirement for the award of the degree of MASTER OF PHILOSOPHY IN PHYSICS and that the dissertation has not previously formed the basis for the award of any Degree, diploma, Associate Ship, Fellowship or other title and the dissertation represents independent and original work on the part of the candidate under my guidance during the period of 2019-2020.



**REV. Fr. Dr. S. XAVIER**  
COE & Head of the Department  
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Place : Cuddalore

Date : 27-10-2020

Examiners

1. DR. S. Thilaka Kumar, Asst. Prof. Periyar Arts college, Cuddalore
2. Fr. S. XAVIER



**Dr. S. XAVIER**, M.Sc., B.Ed., M.Phil., Ph.D.,  
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**Comparative studies on chemical and green synthesized  
NiCoFe<sub>2</sub>O<sub>4</sub>, LiCoFe<sub>2</sub>O<sub>4</sub> nanoparticles by Sol-Gel Technique with  
Citric acid and Allium sativum for the Electrical and  
Antibacterial applications**

*A Dissertation submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*In partial fulfillment of the requirement for the award of the Degree of*

**MASTER OF PHILOSOPHY IN PHYSICS**

*Submitted by*

**S. JAYASHREE**

**(Reg. No: A19MMPH02)**

*Under the Supervision and Guidance of*

**Dr. V. SATHANA., M.Sc., M.Phil., PGDCA., Ph.D.,**

*Assistant Professor*

*Post Graduate & Research Department of Physics*



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**Cuddalore – 607001**

**August – 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "Comparative studies on chemical and green synthesized  $\text{NiCoFe}_2\text{O}_4$ ,  $\text{LiCoFe}_2\text{O}_4$  nanoparticles by Sol-Gel Technique with Citric acid and Allium sativum for the Electrical and Antibacterial applications" is a bonafide record of the project work done by S.JAYASHREE, Roll No. A19MMPH02, during the year 2019-2020 in partial fulfillment of the award of the Degree of MASTER OF PHILOSOPHY IN PHYSICS at St. Joseph's College of Arts and Science (Autonomous), Cuddalore.

*Rev. Fr. S. Xavier*

Rev. Fr. S. XAVIER,  
Head of the Department  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
(Autonomous)  
Cuddalore-607001.

*Dr. V. Sathana*

Dr. V. SATHANA,  
Assistant Professor in Physics  
PG & Research Department of Physics  
St. Joseph's College of Arts and Science  
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Cuddalore-607001.

*Dr. M. Arumai Selvam*  
PRINCIPAL  
Dr. M. ARUMAI SELVAM, M.Sc., M.Phil., Ph.D.,  
PRINCIPAL  
St. Joseph's College of Arts & Science  
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CUDDALORE - 607 001.

Submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore at the viva-voce examination held on

EXAMINER: 1

*Dr. R. Thilak Kumar,*  
Associate Professor of Physics,  
Periyar Arts College,  
Cuddalore.

EXAMINER: 2

*Dr. V. Sathana*  
Dr. V. SATHANA, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous)  
Cuddalore - 607 001.



**LIGHT FIDELITY (L I F I)**

A Mini – Project Report

Dissertation Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

In partial fulfillment of the requirement for the award of degree of

**BACHELOR OF PHYSICS**

Submitted by

**M. AGILAN ( Reg No: A17PHD01 )**

**M. AJAY ( Reg No: A17PHD02 )**

**D. AMARNATH ( Reg No: A17PHD03 )**

**G. ANEESH ( Reg No: A17PHD04 )**

Under the supervision and guidance of

**Rev. Fr. Dr. S. XAVIER M.Sc., B.Ed., M.Phil., Ph.D.,** Controller of  
Examination and Head of the PG & Research Department of Physics



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE – 607 001**

**SEPTEMBER – 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "LIGHT FIDELITY (LIFI)" is a bonafide record of project work done by M. AGILAN (A17PHD01), M. AJAY (A17PHD02), D. AMARNATH (A17PHD03), G. ANEESH (A17PHD04) during the year 2019-2020 in partial fulfillment of the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Rev. Fr. Dr. S. XAVIER**

Controller of Examination &

Head of the PG & Research Department of Physics

St. Joseph's College of Arts and Science

(Autonomous)


Cuddalore – 607 001

Submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore at the Viva-Voice held on **28/09/2020**

---

**EXAMINER 1:**



**EXAMINER 2:**





# **NON - CONTACT VOLTAGE TESTER**

**A MINI - PROJECT**

**Dissertation Submitted to the**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**In partial fulfilment of the requirement for the award of  
degree**

**BACHELOR OF PHYSICS**

**Submitted by**

**V. ANTHUVAN JOSHI (A17PHD05)**

**M. ANTONY (A17PHD06)**

**S. ARAVINDA RAJ (A17PHD07)**

**A. ARAVINDHAN (A17PHD08)**

**Under the Supervision and Guidance of**

**Dr .V. SATHANA M.Sc., M. Phil., PGDCA., Ph.D.,**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001  
SEPTEMBER 2020**

# CERTIFICATE

This is to certify that the report entitled **NON- CONTACT VOLTAGE TESTER** being submitted to the **St. Joseph's college of Arts and Science (Autonomous)**, affiliated to **Thiruvalluvar University, Vellore** by **A. ANTONY (A17PHD05), A. ANTHUVAN JOSHI (A17PHD06), A. ARAVINDA RAJ (A17PHD07), A. ARAVINDHAN (A17PHD08)** for the partial fulfilment for the award of degree of **BACHELOR OF SCIENCE IN PHYSICS** is a bona fide record of work done by him under my guidance and supervision.

*nen*  
INTERNAL GUIDE

DR. V. SATHANA  
(M.Sc., M.Phil. PGDCA., Ph.D.,)

*for*  
HEAD OF  
DEPARTMENT

REV. FR. DR. S. XAVIER  
(M.Sc., B.Ed., M.Phil., Ph.D.,)

Signature of the candidates

Submitted for the Vice-Voce examination held  
on:

*28/09/2020*  
.....

EXAMINERS:

1.....*for*  
2.....*nen*

**SYNTHESIS AND CHARACTERIZATION OF ZINC  
OXIDE NANOPARTICLES BY RAUVOLFIA  
TETRAPHYLLA**

*A Mini – Project Report*

*Dissertation Submitted to the*

**St. Joseph's College of Arts & Science (Autonomous),**

*In partial fulfillment of the requirement for the award of degree of*

**BACHELOR OF PHYSICS**

*Submitted by*

**ARNALD LEO.M (A17PHD10)**

**ARUL SELVAM.A (A17PHD11)**

**BALAJI.R (A17PHD12)**

**BHARATHI RAJA.B (A17PHD14)**

*Under the guidance of research supervisor*

**Dr. M. SATHISH, M.Sc, B.Ed., M.Phil., SET., Ph.D.,**

**Assistant Professor,**

**PG & Research Department of Physics.**



**PG & Research Department of Physics,**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore-607 001.**

**APRIL 2020**



Dr. M. SATHISH, M.Sc, B.Ed., M.Phil., SET., Ph.D.,  
Assistant Professor,  
PG & Research Department of physics,  
St.Joseph's College of Arts & Science (Autonomous),  
Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS AND CHARACTERIZATION OF ZINCOXIDE NANOPARTICLES BY RAUVOLFIA TETRAPHYLLA" submitted by  
Mr.M. ARNALD LEO (roll No. A17PHD10)  
Mr.A. ARUL SELVAM (roll No. A17PHD11)  
Mr.R. BALAJI (Roll No. A17PHD12)  
Mr.B. BHARATHI RAJA (roll No. A17PHD14)  
in partial fulfillment of the requirements for the award of the BACHELOR OF  
PHYSICS, St.Joseph's College of Arts & Science (Autonomous), Cuddalore, April 2020, was  
done, during the period of her studies under my guidance.



Rev. Fr. Dr. S. XAVIER  
Controller of Examination,  
Head of the department,  
PG & Research Department of Physics,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore-607 001.



Dr. M. SATHISH,  
Assistant Professor,  
PG & Research Department of physics,  
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Cuddalore-607 001.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-  
Voice examination held on 28/09/2020

Examiners 1.



2.



**INVESTIGATION ON MICROSTRUCTURE OF NANOPARTICLES**

*A Dissertation Submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In Partial Fulfillment of the Requirement for the Award of the Degree of*

**UNDER GRADUATE IN PHYSICS**

**MINI PROJECT**

*Submitted by*

**S.DEVANATHAN (Reg. No: A17PHD15)**

**A.DEVARAJAN (Reg. No: A17PHD16)**

**S.EZHUMALAI (Reg. No: A17PHD18)**

**S.GANESH KUMAR (Reg. No: A17PHD19)**

*Under the Supervision and Guidance of*

**R.SAGAYARAJ, M.Sc., M.Phil., BEd.,**

*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**

**SEPTEMBER- 2020**

## CERTIFICATE

This is to certify that this report entitled "INVESTIGATION ON MICROSTRUCTURE OF NANOPARTICLES " is a bonafide record of the project Work done by S.DEVANATHAN (Roll No: A17PHD15), A.DEVARAJAN (ROLL NO: A17PHD16), S.EZHUMALAI (ROLL NO: A17PHD18) & S.GANESH KUMAR (ROLL NO: A17PHD19) during the year 2019-2020 in partial fulfillment of the award of the Degree of BACHELOR OF SCIENCE IN PHYSICS.



**Rev. Fr. S. XAVIER**  
Assistant Professor & Head  
Department of Physics



**R. SAGAYARAJ**  
Assistant Professor  
Department of Physics

*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held  
on*

*28/09/2020*

**EXAMINER: 1**



**EXAMINER: 2**





**HOME SAFTY AND SECURITY SYSTEM OF  
LPG GAS DETECTING SENSOR**

**A Mini Project Report  
Dissertation Submitted to the**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**In partial fulfillment of the requirement for the award of degree of  
BACHELOR OF PHYSICS**

**Submitted by  
A.HANCY MOURISH A17PHD21  
R.IMRAN KHAN A17PHD22  
P.INBASEKARAN A17PHD23  
S.JAYACHRISTRAYAR A17PHD24**


**Under The Supervision and guidance of  
Mr.Dr. K. Elaya Kumar , M.sc., M.Ed.,Ph.D  
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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)  
(AFFLIATED TO THIRUVALLUVAR UNIVERSITY)  
Cuddalore- 6007001  
September- 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "HOME SAFTY AND SECURITY SYSTEM OF LPG GAS DETECTING SENSOR" is a Bonafide record of the project Work done by A.HANCY MOURISH (A17PHD21) „ R.IMRAN KHAN (A17PHD22) „ P.INBASEKARAN (A17PHD23) „S.JAYACHRISTRAYAR (A17PHD24) During the year 2017-2020 in partial fulfillment of the award of the degree of **BACHELOR OF SCIENCE INPHYSICS.**

  
**Rev.Fr.Dr. S.XAVIER**  
HEAD OF THE DEPARTMENT  
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on 28/09/2020

Examiner:

1. 
2. 

# **TESLA COIL**

## **Mini Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF PHYSICS**

Submitted by

JAYAGANESH M	(Reg. No: A17PHD25)
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KAMALESH K	(Reg. No: A17PHD27)
KANDHAVAL K	(Reg. No: A17PHD28)

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**POST GRADUATE AND RESEARCH**

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**CUDDALORE - 607 001**

**April - 2020**



## CERTIFICATE

This is to certify that the report entitled

### TESLA COIL

Being submitted to the

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JAYAGANESH M	(Reg. No: A17PHD25)
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For the partial fulfillment for the award degree of

### BACHELOR OF SCIENCE IN PHYSICS

Is a Bonafide record of work done by them

Under my guidance and supervision

Head of the Department

  
Internal Guide

Submitted for the Viva-Voice examination on: 28/09/2020

Examiners:

- 1.
- 2.

# HEART BEAT SENSOR.

A Mini – Project Report

Dissertation Submitted to the

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

In partial fulfilment of the requirement for the award of degree of  
**BACHELOR OF PHYSICS**

Submitted by

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SEPTEMBER 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "HEART BEAT SENSOR" is a bonafide record of project work done by LEO THOMAS.S (A17PHD29), LOGESH.S (A17PHD30), MAHANTHIRA MANI.G (A17PHD31), MANIKANDAN.N (A17PHD32). during the year 2019- 2020 in partial fulfilment of the award of the degree of BACHELOR OF SCIENCE IN PHYSICS



**DR. Rev. Fr. S.XAVIER**

**HOD & Asst. Professor in Physics**

PG & Research Dept. of Physics

St. Joseph's College of Arts and Science

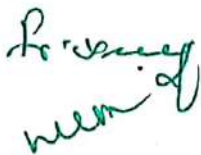
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Cuddalore – 607 001

*Submitted to St. Joseph's College of Arts and Science (Autonomous),*

*Cuddalore at the Viva-Voice held on 22/09/2020*

**EXAMINER: 1**





# **SMARTPHONE CONTROLLED ARDUINO ROVER**

**Mini Project Report**

Submitted for the partial fulfilment for the award of degree of

**BACHELOR OF PHYSICS**

By

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**(Reg. No: A17PHD33)**

**PRAVEEN RAJ A**

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**PUSHPARAJ S**

**(Reg. No: A17PHD36)**

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**CUDDALORE – 607 001**

**September – 2020**

## CERTIFICATE

This is to certify that the report entitled  
**SMARTPHONE CONTROLLED ARDUINO ROVER**

Being submitted to the  
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By

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For the partial fulfilment for the award degree of  
**BACHELOR OF SCIENCE IN PHYSICS**

Is a Bonafide record of work done by him

Under my guidance and supervision

Head of the Department

Internal Guide

Submitted for the Viva-Voice examination on: **28.09.2020**

Examiners:

- 1.
- 2.

# INFRARED DETECTOR.

*A dissertation submitted to*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

*Affiliated to*

**THIRUVALLUVAR UNIVERSITY**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE  
in  
PHYSICS**

*Submitted by*

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*Under the guidance of research supervisor*

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## BONAFIDECERTIFICATE

This is to certify that the dissertation entitle "Infrared Detector" is the bonafide Record of research work done by (RENOLD CHRISTIAN.A-A17PHD38)(RUPAKRAJ.G-A17PHD39) (SAGAYARAJ.G-A17PHD40) (SANTHOSH.SA17PHD41) Student of B.Sc.,(Physics) St. Joseph's College of Arts & Science (Autonomous), Cuddalore, during the period of 2019-2020 in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN PHYSICS.



**Rev. Fr. Dr. S. XAVIER**  
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*Submitted to St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore at the Viva-Voice examination held on 28.09.2020*

**Examiner:1**



**Examiner:2**



# **LIGHT DEPENDENT RESISTOR USING ARDUINO UNO MICROCONTROLLER**

## **A MINI - PROJECT REPORT**

*A Dissertation Submitted to the*  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
*In Partial Fulfillment of the Requirement for the Award of the Degree of*  
**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

<b>S. SARANRAJ</b>	<b>(Reg.No: A17PHD42)</b>
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<b>J. SEVVELAN</b>	<b>(Reg. No: A17PHD45)</b>
<b>S. SHAHID SIRAJ</b>	<b>(Reg. No: A17PHD46)</b>

*Under the Supervision and Guidance of*  
**Dr. P. PRAVEEN, M.Sc., Ph.D.,**  
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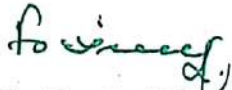
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
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**SEPTEMBER - 2020**

## **BONAFIDE CERTIFICATE**

This is to certify that this report entitled "LIGHT DEPENDENT RESISTOR USING ARDUINO UNO MICROCONTROLLER" is a bonafide record of the project work done by **S. SARANRAJ (Reg.No: A17PHD42), S. SATHISH KUMAR (Reg. No: A17PHD43), J. SEVVELAN (Reg. No: A17PHD45), S. SHAHID SIRAJ (Reg. No: A17PHD46)** during the year 2019-2020 in partial fulfillment of the award of the Degree of **BACHELOR OF SCIENCE IN PHYSICS**.



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PG & Research Department of Physics  
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*Submitted to St. Joseph's College of Arts and Science  
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28/09/2020

**EXAMINER: 1**



**EXAMINER: 2**





**POULTRY INCUBATOR**

**A Mini Project Report  
Dissertation Submitted to the**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

In partial fulfillment of the requirement for the award of degree of

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Submitted by

**B.SIVAPRAKASH A17PHD47**

**S.SRINIVASAN A17PHD48**

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**S.TAMILSELVAN A17PHD50**

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**Cuddalore- 6007001 SEPTEMBER- 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "POULTRY INCUBATOR" is a Bonafide record of the project Work done by B.SIVAPRAKASH,(A17PHD47),S.SRINIVASAN,(A17PHD48) S.TAMILARASAN,(A17PHD49), S.TAMILSELVAN, (A17PHD50) During the year 2017-2020 in partial fulfillment of the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS.**

  
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Submitted to St. Joseph's college of arts and science (Autonomous), Cuddalore  
at the Viva-voice Examination held  
on 28/09/2020

Examiner:

1. 
2. 

# MICRO INVERTER - USED FOR LOW POWER HOME APPLIANCES

*A Mini – Project Report*

*Dissertation Submitted to the*

**St. Joseph's College of Arts & Science (Autonomous),**

*In partial fulfillment of the requirement for the award of degree of*

**BACHELOR OF PHYSICS**

*Submitted by*

**VIGNESH V (A17PHD52)**

**ARAVINTH K (A17PHD53)**

**ARUNSELVAN S (A17PHD54)**

*Under the guidance of research supervisor*

**Dr. D,SHOBA, M.Sc., M.Phil., Ph.D.,**

**Assistant Professor,**

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**PG & Research Department of Physics,**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore-607 001.**

**APRIL 2020**



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Cuddalore-607 001.

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "MICRO INVERTER - USED FOR LOW POWER HOME APPLIANCES" submitted by Mr.V. VIGNESH, (A17PHD52), K. ARAVINTH, (Roll No. A17PHD53), Mr.S. ARUNSELVAN, (A17PHD54), in partial fulfillment of the requirements for the award of the BACHELOR OF PHYSICS, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, April 2020, was done, during the period of her studies under my guidance.

  
Rev. Fr. Dr. S. XAVIER

Controller of Examination,

Head of the department,

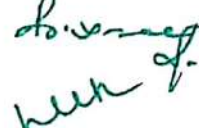
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Cuddalore-607 001.

Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore at the Viva-Voice  
examination held on 28/09/2020

Examiners 1.   
2.

2.

# **“WIND VANE”**

**MINI PROJECT REPORT  
SUBMITTED FOR THE PARTIAL FULFILLMENT FOR  
THE AWARD OF DEGREE OF  
BACHELOR OF PHYSICS  
BY**

**ANANDHAPRIYA. M (A17PHE01)**

**ANGELIN CELSIYA. S (A17PHE02)**

**ANITHA. S (A17PHE03)**

**ANNI PRICILLA. A.S (A17PHE04)**

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**UNDER THE GUIDANCE OF**

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**POST GRADUATE AND RESEARCH  
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(Autonomous)**

**(Affiliated to Thiruvalluvar University, Vellore)**

**CUDDALORE-607 001**

**APRIL - 2020**

# CERTIFICATE

This is to certify that the report entitled  
**WIND VANE**  
Being submitted to the  
St. Joseph's College of Arts and Science (Autonomous)  
(Affiliated to Thiruvalluvar University, Vellore)



BY

**ANANDHAPRIYA. M (A17PHE01)**

**ANGELIN CELSIYA. S (A17PHE02)**

**ANITHA. S (A17PHE03)**

**ANNI PRICILLA. A.S (A17PHE04)**

**ANUSUYA. S (A17PHE05)**

For the partial fulfilment for the award of degree of  
**BACHELOR OF PHYSICS**

Is a bonafide record of work done by him  
Under my guidance and supervision

  
Head of Department

  
Internal Guide

Submitted for the Viva- Vocal examination on 28/09/2020 Examiners:

1. 
2. 



# **NATURAL POMEGRANATE EXTRACT AS PHOTSENSITIZERS FOR DYESENSITIZED SOLAR CELL (DSSC)**

**A-MINI PROJECT**

**Submitted to the**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**In partial fulfillment of the requirement for the award of degree of**

**BACHELOR OF PHYSICS**

**Submitted by**

**A.AROKIAJENSI [A17PHE06]**

**A.ARUL NIRMALA [A17PHE07]**

**B.ASHWINI [A17PHE09]**

**D.BAKKIYALAKSHMI [A17PHE10]**

**D.DEEPA [A17PHE11]**

**Under the Guidance of**

**Dr. V. SATHANA M.Sc., M.Phil., PGDCA., Ph.D.,  
ASSISTANT PROFESSOR,  
PG & RESEARCH DEPARTMENT OF PHYSICS.**

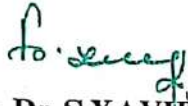



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001  
SEPTEMBER 2020**

# BONAFIDE CERTIFICATE

This is to certify that this report entitled

"NATURAL POMEGRANATE EXTRACT AS PHOTSENSITIZERS FOR DYESENSITIZED SOLAR CELL (DSSC)" is a bona fide record of project work done by A.AROKIAJENSI[A17PHE06] A.ARUL NIRMALA[A17PHE07] B.ASHWINI[A17PHE09] D.BAKKIYALAKSHMI[A17PHE10] D.DEEPA [A17PHE11] during the year 2019-2020 in partial fulfillment of the award of the degree of BACHELOR OF SCIENCE IN PHYSICS.

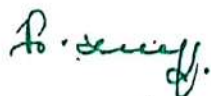
  
REV. Fr. Dr. S.XAVIER M.Sc., B.Ed.,  
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Controller Of Examination,  
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Joseph's College of Arts and  
Science (Autonomous) Cuddalore  
—607 001

Submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore at the Viva-Voice held on 28/09/2020

---

EXAMINER: 1



EXAMINER: 2



# DISC TYPE OIL SKIMMER

---

A Mini – project Report

Dissertation submitted to the

St. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),

In partial fulfilment of the requirement for the award of degree of

BACHELOR OF PHYSICS

Submitted by

(A.P.T. DEEPIKA PRIYA)A17PHE12

(D.DEVI)A17PHE13

(B.GEETHA)A17PHE15

(A.HAJIMUTHUKATHIJA)A17PHE16

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Under the guidance of research supervisor

Dr. M. SATHISH, M.Sc, B.Ed., M.Phil., SET., Ph.D.,

Assistant Professor,

PG & Research Department of Physics



PG & Research Department of Physics,

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Cuddalore-607 001.

Sep-2020.



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Dr.M.SATHISH, M.Sc,B.Ed.,M.Phil,SET.,Ph.D,

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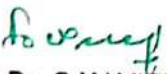
St.Joseph's College of Arts & Science (Autonomous),

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### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "DISC TYPE OIL SKIMMER" submitted by A17PHE12(A.P.T.DEEPIKA PRIYA), A17PHE13(D.DEVI), A17PHE15(B.GEETHA), A17PHE16(A.HAJIMUTHUKATHIJA), A17PHE17(D.HEMAMALINI) in partial fulfilment of the requirements for the award of the BACHELOR OF

PHYSICS, St.Joseph's College of Arts & Science (Autonomous), Cuddalore, September-2020, was done, during the per studies under my guidance.

  
Rev.Fr. Dr. S.XAVIER

  
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Controller of Examination,

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PG & Research Department of Physics

St.Joseph's College of Arts & Science

St.Joseph's college of Arts & Science

(Autonomous), Cuddalore-607 001.

(Autonomous), Cuddalore-607 001.

*Submitted to St. Joseph's College of Arts and Science (Autonomous),*

*Cuddalore at the Viva-Voice Examination held on 28/09/2020*

EXAMINER 1



EXAMINER 2





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# **LIGHT DEPENDING RESISTOR**

**A Mini – Project Report**

**Dissertation Submitted to the**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**In partial fulfillment of the requirement for the award of degree of**

**BACHELOR OF PHYSICS**

**Submitted by**

**B. K. IYSWARYA (A17PHE18)**

**J. JAYAPRIYA (A17PHE19)**

**S. JENCY CAROLIN SELVI (A17PHE20)**

**R. KAVEYA (A17PHE21)**

**S. KAVIPRIYA (A17PHE22)**

**Under the Supervision and Guidance of**

**MR.R.SAGAYA RAJ, M.Sc., M.Phil., B.Ed.,**

**HOD & Assistant Professor,**

**Department of Physics**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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(AFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001  
APRIL 2**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "LIGHT DEPENDING RESISTOR" is a bonafide record of project work done by B. K. IYSWARYA (A17PHE18 ),J.JAYAPRIYA (A17PHE19),S.JENCY CAROLIN SELVI (A17PHE20),R.KAVEYA (A17PHE21),S.KAVIPRIYA (A17PHE22).during the year 2017-20 in partial fulfillment of the award of the degree of BACHELOR OF SCIENCE IN PHYSICS



MR.R.SAGAYA RAJ

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St. Joseph's College of Arts and Science

(Autonomous)

Cuddalore – 607 001

Submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore at the Viva-Voice held on 28/09/2020

---

EXAMINER: 1

*S. Jency*

EXAMINER: 2

*Mr. R. Sagaya Raj*



# COLOR – DETECTOR USING TCS3200 SENSOR

A Mini – Project Report dissertation submitted to the  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
In partial fulfillment of the requirement for the award of degree of  
BACHELOR OF PHYSICS

Submitted by

E.KAYALVIZHI	(Reg. No: A17PHE23)
S.KERETHIGA	(Reg. No: A17PHE24)
K.KIRUTHIGA	(Reg. No: A17PHE25)
B.KISHANI	(Reg. No: A17PHE26)
J.LINCY	(Reg. No: A17PHE27)

Under the Guidance of  
Dr. K. ELAYA KUMAR., M.Sc., M.Ed., Ph.D.,  
Assistant Professor,  
Department of Physics

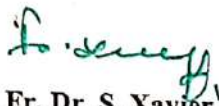


ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE – 607 001.

SEPTEMBER – 2020

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "COLOR- DETECTOR USING TCS3200" is a bonafide record of project work done by E. KAYALVIZHI - (A17PHE23), S. KEERTHIGA - (A17PHE24), K. KIRUTHIGA - (A17PHE25), B. KISHANI - (A17PHE26), J. LINCY - (A17PHE27) during the year 2019-2020 in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN PHYSICS.

  
Rev. Fr. Dr. S. Xavier

COE & Head of the Department,

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Dr. K. Elaya Kumar

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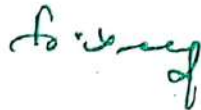
St. Joseph's College of Arts & Science

(Autonomous), Cuddalore – 607 001.

Submitted to St. Joseph's College of Arts & Science (Autonomous),

Cuddalore at the Viva-Voice held on 28/09/2020

EXAMINER : 1



EXAMINER : 2



# **SOLAR TRACKING SYSTEM**

A Mini – Project Report

Dissertation Submitted to the

**ST.JOSEPH ' S COLLEGE OF ARTS AND SCIENCE**

**( AUTONOMOUS )**

In partial fulfillment of the requirement for the award of degree  
of

**BACHELOR OF PHYSICS**

Submitted by

**C.LOURDU MARY, A.MANISHA SHAMILA,G.NANDHINI ,**

**M.NANDHINI, V.NIRTHIGA**

( Roll. No : A17PHE28 , A17PHE29, A17PHE31, A17PHE32,  
A17PHE33 )

Under the Supervision and Guidance of  
**Ms.S.SANGEETHA MARGREAT M.Sc., M.Phil.,**

Assistant Professor,

Department of Physics



**ST.JOSEPH 'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607001**



# BONAFIDE CERTIFICATE

This is to certify that this report entitled **SOLAR TRACKING SYSTEM** is a Bonafide record of project work done by **C.LOURDU MARY , A.MANISHA SHAMILA ,G.NANDHINI ,M.NANDHINI , V.NIRTHIGA.** Roll number. **A17PHE28 , A17PHE29 , A17PHE31 A17PHE32 , A17PHE33** during the year 2019 to 2020 in partial fulfillment of the award of the degree of **BACHELOR OF SCIENCE IN PHYSICS.**

  
**Rev.Fr.Dr.S.XAVIER**

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Submitted to St. Joseph's College of Arts and Science (Autonomous),

Cuddalore at the Viva-Voice held on **28/09/2020**

**EXAMINER 1**   
1

**EXAMINER 2**  


# **AUDIO AMPLIFIER**

**A Mini – Project Report**

**Dissertation Submitted to the**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**In partial fulfillment of the requirement for the award of degree of  
BACHELOR OF PHYSICS**

**Submitted by**

**V.PAVITHRA (A17PHE35)**

**V.PIRATHICKSHA (A17PHE36)**

**K.PRABAVATHI (A17PHE37)**

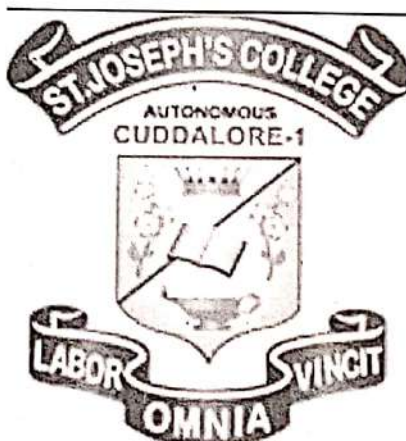
**M.PREETHA (A17PHE38)**

**Under the Supervision and Guidance of**

**MR.H. JUDE LEONARD HILARY, M.Sc., M.Phil., M.Ed.,**

**HOD & Assistant Professor,**

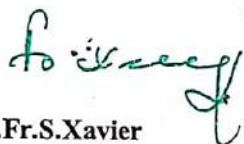
**Department of Physics.**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
(AFILIATED TO THIRUVALUVAR UNIVERSITY)  
CUDDALORE - 607 001  
APRIL 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "AUDIO AMPLIFIER" is a bonafide record of project work done by V.PAVITHRA (A17PHE35) ,V.PIRATHICKSHA (A17PHE36), K.PRABAVATHI (A17PHE37), M.PREETHA (A17PHE38) during the year 2017-2020 in partial fulfillment of the award of the degree of BACHELOR OF SCIENCE IN PHYSICS.



**Dr.Rev.Fr.S.Xavier**

Head of the Department

PG & Research Dept .of Physics

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(Autonomous)

Cuddalore-607001



**Mr.H.Jude Leonard Hilary**

Asst.Professor

PG & Research Dept .of Physics

St.Joseph's College of Arts and Science

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Cuddalore-607001



# **“FINGERPRINT DOOR LOCK”**

**PROJECT REPORT**

**SUBMITTED FOR THE PARTIAL FULFILLMENT FOR  
THE AWARD OF DEGREE OF  
BACHELOR OF SCIENCE OF PHYSICS**

**BY**

**PRIADHARSHINI.I.V (A17PHE39)**

**PRIYADHARSHINI.P (A17PHE40)**

**PRIYANGA.V (A17PHE41)**

**RAMYA.G (A17PHE42)**

**UNDER THE GUIDANCE OF**

**Mrs. M. MARIA JULIE, M.Sc., B.Ed., M.Phil.,**



**POST GRADUATE AND RESEARCH**

**DEPARTMENT OF PHYSICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (Autonomous)**

**(Affiliated to Thiruvalluvar University, Vellore)**

**CUDDALORE-607001**

**SEPTEMBER - 2020**

## CERTIFICATE

This is to certify that the report entitled  
St. Joseph's College of Arts and Science (Autonomous)  
(Affiliated to Thiruvalluvar University, Vellore)



BY

PRIADHARSHINI.I.V (A17PHE39)

PRIYADHARSHINI.P (A17PHE40)

PRIYANGA.V (A17PHE41)

RAMYA.G (A17PHE42)

For the partial fulfilment for the award of degree of  
**BACHELOR OF SCIENCE OF PHYSICS**

Is a bonafide record of work done by him

Under my guidance and supervision

Head of Department

Internal Guide

Submitted for the Viva-Vocal examination on 28.09.2020

Examiners:

1. .....
2. .....

**INVESTIGATION ON STRUCTURAL OF  $(\text{LiFe}_2\text{O}_4, \text{Li}_{0.25}\text{Co}_{0.75}\text{Fe}_2\text{O}_4$  AND  $\text{Li}_{0.75}\text{Co}_{0.25}\text{Fe}_2\text{O}_4/\text{PVP}$ ) MAGNETIC NANOPARTICLES**

*A Dissertation Submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*In Partial Fulfillment of the Requirement for the Award of the Degree of*

**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

**M. REHANA (Reg. No: A17PHE43)**

**V. SANDHIYA (Reg. No: A17PHE44)**

**V. SARANYA (Reg. No: A17PHE45)**

**R. SELSIYA (Reg. No: A17PHE46)**

*Under the Supervision and Guidance of*

**Dr. S. SEBASTIAN., M.Sc., PhD.,**

*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**

**SEPTEMBER - 2020**



## BONAFIDE CERTIFICATE

This is to certify that the dissertation entitle "INVESTIGATION ON  
STRUCTURAL OF ( $\text{LiFe}_2\text{O}_4$ ,  $\text{Li}_{0.25}\text{Co}_{0.75}\text{Fe}_2\text{O}_4$  AND  $\text{Li}_{0.75}\text{Co}_{0.25}\text{Fe}_2\text{O}_4/\text{PVP}$ )  
MAGNETIC NANOPARTICLES" is the bonafide record of research work  
done by

**M. REHANA** (Reg. No: A17PHE43)

**V. SANDHIYA** (Reg. No: A17PHE44)

**V. SARANYA** (Reg. No: A17PHE45)

**R. SELSIYA** (Reg. No: A17PHE46)

student of B.Sc.,(Physics) **St. Joseph's College of Arts & Science**  
(Autonomous), **Cuddalore**, during the period of 2019-2020 in partial  
fulfillment of the requirements for the award of the degree of **BACHELOR OF**  
**SCIENCE IN PHYSICS.**



Head of the department

**Rev. Fr. Dr. S. XAVIER**  
Head of the Department,  
PG & Research  
Department of Physics  
St. Joseph's College of Arts  
and Science (Autonomous)  
Cuddalore-607 001.



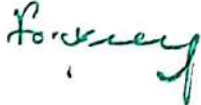
Internal Guide

**Dr. S. Sebastian**  
Assistant Professor,  
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Cuddalore-607 001.

*Submitted to St. Joseph's College Of Arts And Science (Autonomous), Cuddalore at  
the viva-voice examination held on*

28/09/2020

Examiner: 1



Examiner: 2



# **DTMF BASED HOME AUTOMATION**

## **A MINI - PROJECT REPORT**

*A Dissertation Submitted to the*

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*In Partial Fulfillment of the Requirement for the Award of the Degree of*

**BACHELOR OF SCIENCE IN PHYSICS**

*Submitted by*

<b>A. SHARMILA</b>	<b>(Reg. No: A17PHE47)</b>
<b>R. SHARMILA</b>	<b>(Reg. No: A17PHE48)</b>
<b>S. SIVARANJANI</b>	<b>(Reg. No: A17PHE49)</b>
<b>S. SUBASRI</b>	<b>(Reg. No: A17PHE50)</b>

*Under the Supervision and Guidance of*

**Dr. P. PRAVEEN, M.Sc., Ph.D.,**

*Assistant Professor*

**PG & RESEARCH DEPARTMENT OF PHYSICS**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001.**

**SEPTEMBER - 2020**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "DTMF BASED HOME AUTOMATION" is a bonafide record of the project work done by A. SHARMILA (Reg.No: A17PHE47), R. SHARMILA (Reg.No: A17PHE48), S. SIVARANJANI (Reg.No: A17PHE49), S. SUBASRI (Reg.No: A17PHE50) during the year 2019-2020 in partial fulfillment of the award of the Degree of **BACHELOR OF SCIENCE IN PHYSICS**.



**Rev. Fr. Dr. S. XAVIER**  
**Controller of Examinations & HOD**  
PG & Research Department of Physics  
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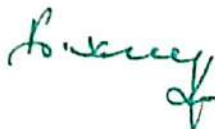


**Dr. P. PRAVEEN**  
**Assistant Professor**  
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*Submitted to St. Joseph's College of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voce Examination held on*

28/09/2020

**EXAMINER: 1**



**EXAMINER: 2**





**INTERFACING SOIL MOISTURE SENSOR WITH  
ARDUINO**

**A MINI - PROJECT REPORT**

**DISSERTATION SUBMITTED TO THE  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**In partial fulfillment of the requirement for the award of degree of  
BACHELOR OF PHYSICS**

**Submitted by**

**D. SUJA (Reg. No:A17PHE51)**

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**R. UTHAYA ATHERAI (Reg. No:A17PHE53)**

**L. VERONICA MARY (Reg. No:A17PHE54)**

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**ASSISTANT PROFESSOR,**

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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE-607 001**

## BONAFIDE CERTIFICATE

This is to certify that this report entitled "INTERFACING SOIL MOISTURE SENSOR WITH ARDUINO" is a bonafide record of project work done by SUJA. D( Reg. No:A17PHE51),TAMILARASI. P(Reg. No:A17PHE52), UTHAYA ATHERAI. R(Reg. No:A17PHE53), VERONICA MARY. L(Reg. No:A17PHE524) during the year 2019 - 2020 in partial fulfillment of the degree of BACHELOR OF SCIENCE IN PHYSICS.

  
Rev. Fr. Dr. S. XAVIER

  
Dr. C. YOGAMBAL

Head.,

Controller of examination.,

Assistant professor.,

PG & Research Department  
of Physics

PG&Research Department  
of Physics

St. Joseph's College Of Arts

St. Joseph's College Of Art

And Science (Autonomous)

And Science (Autonomous)

Cuddalore - 607-001.

Cuddalore - 607-001.

*Submitted to St. Joseph's College Of Arts and Science  
(Autonomous), Cuddalore at the Viva-Voice held on (28/09/2020)*

EXAMINER : 1



EXAMINER : 2



# **DROWSINESS DETECTION ALERT SYSTEM**

A Mini-Project Report

Dissertation Submitted to the

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE-01**

In partial fulfillment of the requirement for the award of degree of

**BACHELOR OF PHYSICS**

Submitted by

M. Vidya (A17PHE55)

B. Vinothini (A17PHE56)

B. Vishnupriya (A17PHE57)

D. Yogapriya (A17PHE58)

Under the Supervision and Guidance of

Dr. D. SHOBA, M.sc., M.phil., Ph.D.,

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

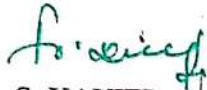
**CUDDALORE-607 001**

**SEPTEMBER -2020**



## CERTIFICATE

This is to certify that this report entitled "DROWSINESS DETECTION OF ALERT SYSTEM" is a bonafide record of the project work done by M. VIDYA (A17PHE55), B. VINOTHINI (A17PHE56), B.VISHNUPRIYA (A17PHE57), D.YOGAPRIYA (A17PHE58) during the year 2019-2020 in partial fulfillment of the award of the degree of BACHELOR OF SCIENCE AND PHYSICS.



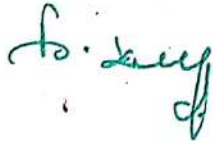
Rev. Fr. Dr. S. XAVIER, M.Sc., B.Ed., M.Phil., Ph.D.  
Head Of the Department  
Post Graduate and Research  
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Dr. D. SHOBA, M.Sc., M.Phil., Ph.D.,  
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Submitted to St. Joseph's College of Arts & Science (Autonomous) Cuddalore at the viva-voice Examination held on 28.09.2020

EXAMINER 1:



EXAMINER 2:



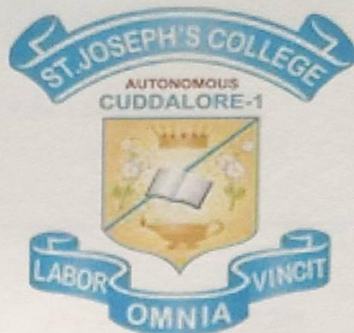
## MAY-2020

S.NO	REG. NO	NAME	TITLE OF THE PROJECT	NAME OF THE GUIDE
1	A18MBC01	Arul Kumaran T	Phytochemical Screening, Anti-Oxidant And Anti-Microbial Activity of Pedalium Murex Leaves	D.Leema Rose Mary
2	A18MBC02	Arulmani B	Phytochemical Screening, Antioxidant And Antimicrobial Activity Of Mucilage Of <i>Cocculus Hirsutus</i> Leaves	D.Leema Rose Mary
3	A18MBC03	Arun A	Preparation and Characterization of composite Film Alginate containing Ethanolic Extracts of Nardostachys Jatamansi	Mrs.S.Seetha Lakshmi
4	A18MBC04	Ayyappan A	Anti-Oxidant And Anti-Inflammatory, Activities Of The Ethanolic Extract Of Egg Plant ( <i>Solanum Melongena</i> ) Leaf	Dr.K.Shagirtha
5	A18MBC05	Deepa J	Antioxidant Anti Microbial Activity of <i>Ceiba Pentandra</i> Gum	D.Leema Rose Mary
6	A18MBC06	Dhana sekar M	Phytochemical screening, Antioxidant, Antimicrobial & Heavy Metal Analysis of Rhizophora Mucronata Flowers Extract (April-2021)	R.Anitha
7	A18MBC07	Indhumathi A	Preparation and characterization of Corn starch based edible film incorporated with Trachyspermum ammi (Ajwan) Extract	Dr.S.Celine Hilda Mary
8	A18MBC08	Ishwarya R	Isolation and Analysis of Keratin associated amino acids from chicken feathers	Mr.A.Lawrance

9	A18MBC09	Kiruthiga V	Preparation characterization of Novel Biphasic Calcium Phosphate Composites Using Gelatin And Silica	Dr.P.Marie Arockianathan
10	A18MBC10	Krishnapriya T	Assesment of Antioxidant antimicrobial activity from isolated mucus of Murrel fish	Dr.S.Celine Hilda Mary
11	A18MBC12	Pooja K	Insilico molecular docking studies of <i>Silychristin</i> with molecular marker proteins (cox-2, VEGF & Caspase-3) docked in colon cancer	Dr.S.Silvan
12	A18MBC13	Prathap R	Study of Antibacterial Activity of Keratin protein from chicken feather waste	Mr.A.Lawrance
13	A18MBC14	Priyatharshini M	Phytochemical screening & analysis of antioxidant & antimicrobial activities of <i>Acanthus ebracteatus</i> flowers extract	Ms.R.Anitha
14	A18MBC15	Rajalakshmi R	preparation of soap using <i>Madhuca longifolia</i> seed oil	Dr.R.Rama Krishnan
15	A18MBC16	Ranjani R	Extraction of Keratin protein from chicken feather and its Antioxidant potential	Mr.A.Lawrance
16	A18MBC17	Rasa Hussain Z	Isolation and Charecterization of collagen from Cat Fish( <i>Ictalurus punctatus</i> )	Dr.S.Celine Hilda Mary
17	A18MBC18	Revathi C	Evaluation of phytochemical screening, antioxidant, antimicrobial and proximate composition of extract of <i>Manilkara zapota</i> .	Dr.N.Priya
18	A18MBC19	Satheesh V	<i>In Vitro</i> Evaluation Of Phytochemical, Antioxidant And Anti-Microbial Activities Of Aqueous And Methanolic Extracts Of <i>Syzygium Jambos</i>	J.John Robert



19	A18MBC20	Sivapriya K	Anti-Inflammatory And Anti-Cancer Activities Of The Methanolic Extract Of Lemongrass ( <i>Cymbopogon Citratus</i> ) - In <i>In Vitro</i> Approach	Dr.K.Shagirtha
20	A18MBC21	Suruthi B	Phytochemical Screening Total Phenolics Flavonoids And Antioxidant Properties Of Blepharis Maderaspatensis (L.) Hyne ExRoth Extract	Dr.P.Marie Arockianathan
21	A18MBC22	Vijayakumar J	Phytochemical screening Total Phenolics Flavonoids And Antioxidant Properties Of Citrullus Colocynthis Leaves And Fruits Extract.	Dr.P.Marie Arockianathan
22	A18MBC23	Hema P	Preparation and Characterization of Alginate Based Edible Film with Aqueous Extract of Citrus Medica	Mrs.S.Seetha Lakshmi
23	A18MBC24	Ranjith B	Insilico molecular docking studies of afzelin with prognostic molecular markers (TGF- $\beta$ & VEGF) docked with hepatocellular carcinoma	Dr.S.Silvan



### CERTIFICATE

This is to certify that the Dissertation on **“PHYTOCHEMICAL SCREENING, ANTI-OXIDANT AND ANTI-MICROBIAL ACTIVITY OF PEDALIMUM MUREX LEAVES”** is a bonafide record of project work done by **Mr. T. ARUL KUMARAN**, Reg. No. A18MBC01 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

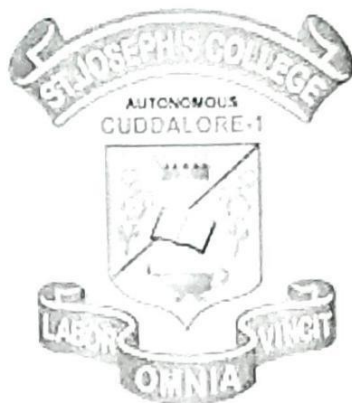
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore.

Date: 3.10.2020.

Examiners:

1.   
3/10/2020
2.   
3/10/2020



## CERTIFICATE

This is to certify that the Dissertation on "PHYTOCHEMICAL SCREENING ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF MUCILAGE OF *COCCULUS HIRSUTUS* LEAVES" is a bonafide record of project work done by Ms. B.ARULMANI, Reg. No. A18MBC02 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

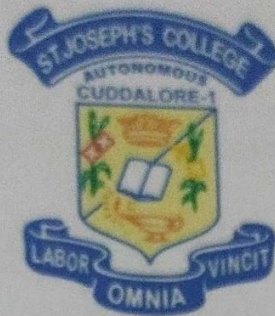
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Date: *03.10.2020*

Examiners:

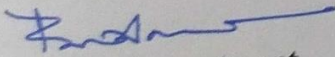
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- 3/10/2020*

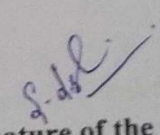




### CERTIFICATE

This is to certify that the dissertation on "**Preparation and characterization of composite film Alginate containing Ethanolic extract of *nardostachys jatamansi* (Jatamanjal)**" is a bonafied record of project work done by **Mr. ARUN, Reg. No. A18MBC03** under my supervision and submitted to St. Joseph's college of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

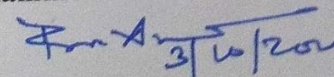
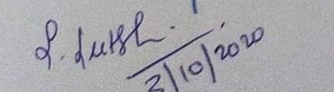
  
Head of the Department

  
Signature of the Guide

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
Place : PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Date : 03/10/2020

### Examiners

1.   
3/10/2020
2.   
3/10/2020



**Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,**  
Assistant Professor  
PG & Research Department of Biochemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001

---

### CERTIFICATE

This is to certify that the Dissertation on "**ANTI-OXIDANT AND ANTI-INFLAMMATORY, ACTIVITIES OF THE METHANOLIC EXTRACT OF EGG PLANT (*POUTERIA CAMPECHIANA*) LEAF**" is a bonafide record of protect work done by **Mr. A. AYYAPPAN, Reg. No. A18MBC04** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY.**

Signature of the Guide  
**Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,**  
Assistant Professor  
Department of Biochemistry  
St. Joseph's College of Arts and Science  
Place: Cuddalore - 607 001

Date: 05/10/2020

Examiners:

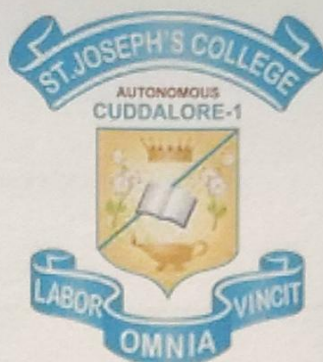
1.

2.

Head of the Department

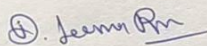
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.





## CERTIFICATE


This is to certify that the Dissertation on “ **ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES OF CEIBA PENTANDRA GUM**” is a bonafide record of project work done by Ms. J.DEEPA, Reg. No. A18MBC05 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.


  
SIGNATURE OF THE GUIDE

Place: Cuddalore

Date: 03.10.2020

Examiners:

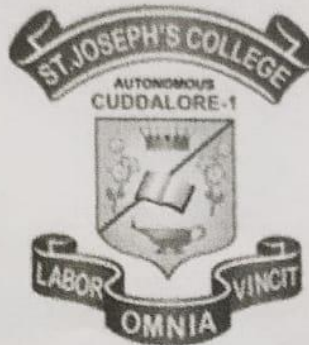
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3/10/2020

  
SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head of Institute Professor  
PG & Res. Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.





## CERTIFICATE

This is to certify that the Dissertation on "PHYTOCHEMICAL SCREENING AND ANALYSIS OF ANTI-OXIDANT AND ANTIMICROBIAL ACTIVITIES OF RHIZOPHORA MUCRONATA FLOWERS EXTRACT" is a bonafide record of project work done by Mr. MDHANASEKAR, Reg. No. AI8MBC06 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

SIGNATURE OF THE H.O.D

SIGNATURE OF THE GUIDE

Place: *Cuddalore*

Date: *23/4/21*

Examiners


1.

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## CERTIFICATE

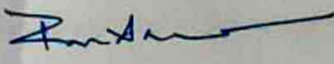

This is to certify that the Dissertation on "**PREPARATION AND CHARACTERIZATION OF CORN STARCH BASED EDIBLE FILM INCORPORATED WITH *TRACHYSPERMUM AMMI* (AJWAIN) EXTRACT**" is a bonafide record of protect work done by **Ms. A.INDUMATHI** (Reg.No. **A18MBC07**) under my supervision and submitted to PG & Research Department of Biochemistry, St. Joseph's college of Arts & Science (Autonomous), cuddalore-1, affiliated to Thiruvalluvar university, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

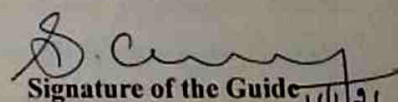
  
**Head of the Department**  
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: **Cuddalore**

Date: **3.10.2020**

**Examiners:**

1. 
2. 

  
**Signature of the Guide** **11/12/20**  
**Dr. S. CELINE HILDA MARY, M.Sc., M.Phil., Ph.D., DM.Sc.**  
Assistant Professor in Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



## CERTIFICATE

This is to certify that the Dissertation on "**ISOLATION AND ANALYSIS OF KERATIN ASSOCIATED AMINOACID FROM CHICKEN FEATHERS**" is a bonafide record of project work done by **Ms. R.ISHWARYA, Reg. No. A18MBC08** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

Head of the Department

**Dr. P. MARIE AROCKIANATHAN**

Head & Associate Professor

PG & Research Dept. of Biochemistry

Place: *Cuddalore*  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Signature of the Guide

Date: 03.10.2020

Examiners:

1.   
3/10/2020
- 2.





## CERTIFICATE

This is to certify that the Dissertation on "PREPARATION AND PARTIAL CHARACTERIZATION OF NOVEL BIPHASIC CALCIUM PHOSPHATE COMPOSITES USING GELATIN AND SILICA" is a bonafide record of project work done by Ms.V.KIRUTHIKA, Reg. No. A18MBC09 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

Signature of the Guide

Head of the Department

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore-1.

Date: 3. 10. 20

Examiners:

1.   
3/10/2020
2. D. Leena Rani  
3/10/2020



## CERTIFICATE

This is to certify that the Dissertation on "ASSESSMENT OF ANTIOXIDANT AND ANTIMICROBIAL PROPERTY OF FISH MUCUS ISOLATED FROM *Channa Striatus*" is a bonafide record of project work done by Mrs. KRISHNAPRIYA T, Reg. No. A18MBC10 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

Signature of the department

signature of the guide

Place: CUDDALORE

Date: 3.10.20

Examiners:

1.

2.



Ms. K.POOJA

Reg. No. A18MBC12

St. Joseph's college of Arts & Science (Autonomous),  
Cuddalore – 607 001.

---

#### CERTIFICATE

This is to certify that the Dissertation on **“INSILICO MOLECULAR DOCKING STUDIES OF SILYCHRISTIN WITH MOLECULAR MARKER PROTEINS (COX-2, VEGF & CASPASE-3) DOCKED IN COLON CANCER”** is a bonafide record of protect work done by Ms. K. POOJA, Reg. No. A18MBC12 under my supervision and submitted to PG & Research Department Of Biochemistry St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

Head of the Department

Signature of the Guide

Place:

Date:

Examiners:

1.

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### CERTIFICATE

This is to certify that the Dissertation on A STUDY ON ANTI BACTERIAL ACTIVITY OF KERATIN PROTEIN FROM CHICKEN FEATHER WASTE is a bonafide record of protect work done by Mr. R. PRATHAP, Reg.No. A18MBC13 under my supervision and submitted to PG & Research Department of Biochemistry St. Joseph's college of Arts & Science (Autonomous), cuddalore-1. affiliated to Thiruvalluvar university, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

Head of the Department

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Signature of the Guide

Place: *Cuddalore*

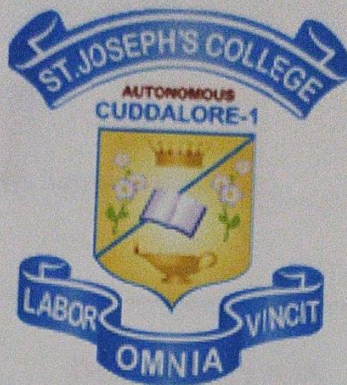
Date: *3.10.2020*

Examiners:

1.

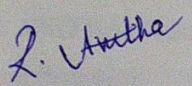
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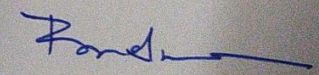




### CERTIFICATE

This is to certify that the Dissertation on "**PHYTOCHEMICAL SCREENING AND ANALYSIS OF ANTI-OXIDANT AND ANTIMICROBIAL ACTIVITIES OF ACANTHUS EBRACTEATUS FLOWERS EXTRACT**" is a bonafide record of project work done by **Ms. M.PRIYATHARSHINI**, Reg. No. **A18MBC14** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

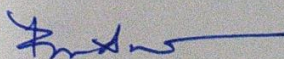
  
SIGNATURE OF THE GUIDE

  
SIGNATURE OF THE H.O.D

Place:

Date:

Examiners:







## CERTIFICATE

This is to certify that the Dissertation on “ **PREPARATION OF SOAP FROM MADHUCA LONGIFOLIA**” is a bonafide record of project work done by **Ms. R.RAJALAKSHMI**, Reg. No. **A18MBC15** under my supervision and submitted to St. Joseph's college of Arts & science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of Master of Science in Biochemistry.

  
Signature of the Guide

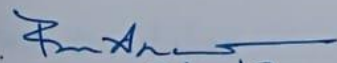
  
Head of the Department

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: *cuddalore*

Date: *03/10/2020*

Examiners:

1.   
3/10/20.

2.





### CERTIFICATE

This is certify the Dissertation on “EXTRACTION OF KERATIN PROTEIN FROM CHICKEN FEATHER AND ITS ANTIOXIDANT POTENTIAL” is a bonafide record of project work done by Ms. R. RANJANI (Reg. No: A18MBC16) under my supervision and submitted to **St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

Head of the Department

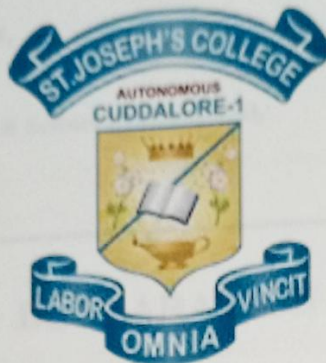
**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Signature of the Guide

Place: *Cuddalore*

Date: *3.10.2020*

Examiners:



## CERTIFICATE

This is to certify that the dissertation entitled **"ISOLATION AND CHARACTERIZATION OF COLLAGEN FROM RED SNAPPER FISH SKIN"** is a Bonafide record of project work done by **Mr. Z. RASA HUSSAIN** (Reg. No. A18MBC17) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

Head of the Department

**Dr. P. MARIE AROCKIANATHAN**

Head & Associate Professor

PG & Research Dept. of Biochemistry

Place: **Cuddalore**  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Date: 03.10.2020

Examiners:

1.

2.

Signature of the Guide 7/1/21



### CERTIFICATE

This is to certify that the Dissertation on "ANTIOXIDANT, ANTIMICROBIAL AND IDENTIFICATION OF PHYTOCHEMICAL CONSTITUENTS IN ETHYL ACETATE EXTRACT OF MANILKARA ZAPOTA SEEDS" is a bonafide record of project work done by Ms. C. REVATHI, Reg. No. A18MBC18 under my supervision and submitted to St. Joseph's college of Arts & science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of Master of Science in Biochemistry.

Signature of the Guide

Head of the department

Place: CUDDALORE

Date: 11.01.2021


Examiners:





## CERTIFICATE

This is to certify that the Dissertation on "*IN VITRO* EVALUATION OF PHYTOCHEMICAL, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF AQUEOUS AND METHANOLIC EXTRACTS OF *SYZYGIUM JAMBOS*" is a bonafide record of project work done by Mr. V. SATHEESH, Reg. No. A18MBC19 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

  
Mr. J. JOHN ROBERT, M.Sc., M.Phil.,  
Asst. Professor Biochemistry,  
St. Joseph's College of Arts & Science,  
Cuddalore-1.  
SIGNATURE OF THE GUIDE

  
SIGNATURE OF THE H.O.D

Place:

Date:

Examiners:

1. 
- 2.



**Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,**

Assistant Professor

PG & Research Department of Biochemistry,

St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607 001

### CERTIFICATE

This is to certify that the Dissertation on "**ANTI-INFLAMMATORY AND ANTI-CANCER ACTIVITIES OF THE METHANOLIC EXTRACT OF LEMONGRASS (*CYMBOPOGON CITRATUS*) - AN IN VITRO APPROACH**" is a bonafide record of protect work done by **Ms. K. SIVA PRIYA**, Reg. No. A18MBC20, under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

Signature of the Guide  
**Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,**  
Assistant Professor  
Department of Biochemistry  
St. Joseph's College of Arts & Science  
Place: Cuddalore - 607 001.

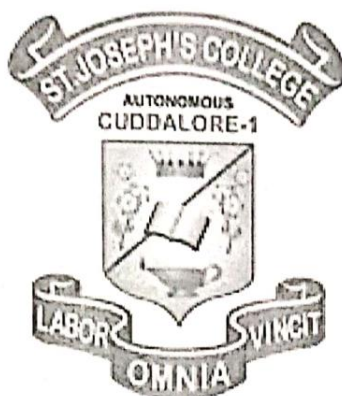
Date: 03.10.2020

Examiners:

- 1.
- 2.

Head of the Department

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



## CERTIFICATE

This is to certify that the Dissertation on “**PHYTOCHEMICAL SCREENING TOTAL PHENOLICS FLAVONIDS AND ANTIOXIDANT PROPERTIES OF BLEPHARIS MADERASPATENSIS(L.)HYNE EX ROTH EXTRACT**” is a bonafide record of project work done by **Ms. B. SURUTHI**, Reg. No. **A18MBC21** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

SIGNATURE OF THE GUIDE

SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date: 03. 10. 2020

Examiners:

1.

2. D. Jeyaraj  
3/10/2020





## CERTIFICATE

This is to certify that the Dissertation on “ **Phytochemical Screening total phenolics flavonoids and antioxidant activities of Citrullus Colocynthis leaves and fruit extracts**” is a bonafide record of project work done by **Mr.J.VIJAYAKUMAR** Reg. No. A18MBC22 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY**.

  
Guide and Head of the Department

Place:

Date:

Examiners:

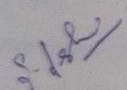
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### CERTIFICATE

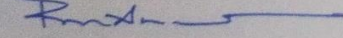
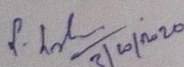
This is to certify that the Dissertation on "PREPARETION AND EVALUATION OF ALGINATE BASED EDIBLE FILM WITH AQUEOUS EXTRACT OF CITRUS MEDICA" is a bonafide record of project work done by Ms. P. HEMA, Reg. No. A18MBC23 under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE IN BIOCHEMISTRY.

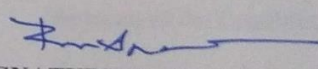
  
SIGNATURE OF THE GUIDE

Place: CUDDALORE

Date: 3.10.2020

Examiners:

- 
-   
3/10/20

  
SIGNATURE OF THE H.O.D

**Dr. P. MARIE AROCKIANATHAN**  
Head & Associate Professor  
PG & Research Dept. of Biochemistry  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



Mr. B.RANJITH,  
Reg. No. A18MBC24  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

## CERTIFICATE

This is to certify that the Dissertation on **"INSILICO MOLECULAR DOCKING STUDIES OF PROGNOSTIC MOLECULAR MARKERS (TGF- $\beta$  & VEGF) DOCKED WITH HEPATO CELLULAR CARCINOMA"** is a bonafide record of protect work done by Mr. B.RANJITH, Reg.No. A18MBC24 my supervision and submitted to PG & Research Department Of Biochemistry St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN BIOCHEMISTRY.**

Head of the Department

Signature of the Guide

Place: Cuddalore

Date: 11-01-2021

Examiners:

1.

2.



# **ANDROID APPLICATION FOR MEDICAL ASSISTANCE**

**[MED AID]**

A Mini Project Report Submitted for  
The partial fulfilment for the award of degree

## **BACHELOR OF COMPUTER APPLICATIONS**

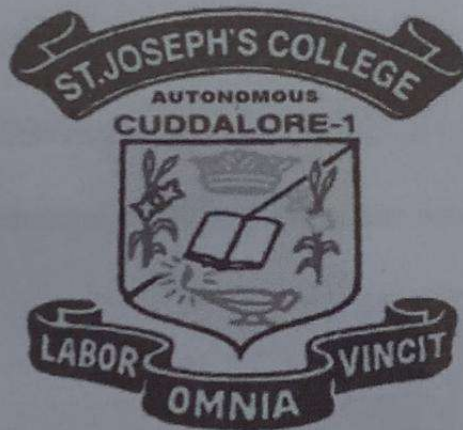
**M. ANANTHA KUMAR (A17CADA03)**

**M.P. ANBARASU (A17CADA05)**

**M. SAKTHIVEL (A17CADA46)**

Under the Guidance of

Guide **Mr. A. John Pradeep Ebenezer., MCA., M.Phil.,**  
(Head of PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**ANDROID APPLICATION FOR MEDICAL ASSISTANCE**  
**[MED AID]**

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Tiruvalluvar University – Vellore)

**M. ANANTHA KUMAR (A17CADA03)**

**M.P. ANBARASU (A17CADA05)**

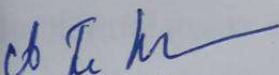
**M. SAKTHIVEL (A17CADA46)**

For the partial fulfilment for the award of degree of

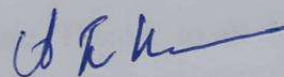
**BACHELOR OF COMPUTER APPLICATIONS**

is bonfide record of work carried out by them,

Under my guidance and supervision

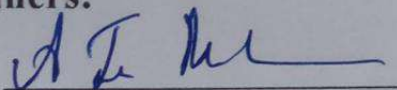
  
Internal Guide

**A. JON N PRADEEP EBENEZER, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 007



**Head of the Department**  
**A. JON N PRADEEP EBENEZER, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 007

Examiners:

1. 

# **STOCK MANAGEMENT SYSTEM**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

HARIOOM.S	(A17CADA15)
KEERTHIVASAN.S	(A17CADA23)
MANOPRIYADHARSHAN	(A17CADA30)

under the Guidance of

**Mr.A. JOHN PRADEEP EBENEZER., MCA., MPhil.,**

HOD & Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),CUDDALORE-1**

**APRIL-2020**



**CERTIFICATE**

**CERTIFICATE**

This is to certify that the mini project report entitled

**STOCK MANAGEMENT SYSTEM**

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

HARIOOM.S (A17CADA15)  
KEERTHIVASAN.S (A17CADA23)  
MANOPRIYADHARSHAN (A17CADA30)

for the partial Fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
is a bonafide record of work carried out by them, under  
my guidance and supervision.

  
Internal Guide

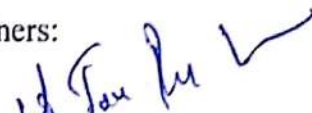
  
Head of the Department

**A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil.,**  
Head, PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

**A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil.,**  
Head, PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1. 
- 2.

**ANDROID APPLICATION FOR BUS TRAVEL ASSISTANCE  
[TRAVEL MATE]**

A Mini Project Report Submitted for  
The partial fulfilment for the award of degree

**BACHELOR OF COMPUTER APPLICATIONS**

**R. AJAY KIRAN (A17CADA02)**

**R. HARI PRASATH (A17CADA16)**

**S. NAVEENKUMAR (A17CADA37)**

Under the Guidance of

**Dr. A. Nirmala, MCA., M.Phil., PhD**

(Asst. Professor, PG & Research Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### **ANDROID APPLICATION FOR BUS TRAVEL ASSISTANCE [TRAVEL MATE]**

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

**R. AJAY KIRAN (A17CADA02)**

**R. HARI PRASATH (A17CADA16)**

**S. NAVEENKUMAR (A17CADA37)**

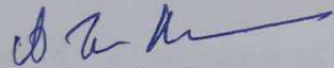
For the partial fulfilment for the award of degree of

### **BACHELOR OF COMPUTER APPLICATIONS**

is bonafide record of work carried out by them,

Under my guidance and supervision

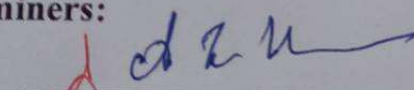
  
Internal Guide

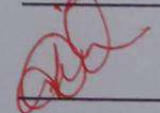
  
Head of the Department

**A. JAYAKANTH** M.C.A., M.Phil.,  
HOD and Asst. Prof. in Computer Applications,  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Coimbatore - 641 007

Submitted for the viva-voice examination held on.....

**Examiners:**

1. 

2. 



# HOME RENTAL SYSTEM

Using ASP.NET

A Mini Project Report Submitted for The partial fulfilment for the  
award of degree

## BACHELOR OF COMPUTER APPLICATIONS

C.ARUNACHALAM(A17CADA08)

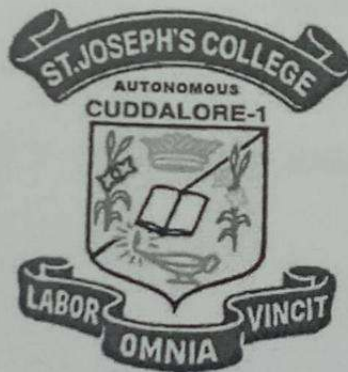
K.KISHORE KUMAR (A17CADA25)

P.VISHNU PRIYAN(A17CADA60)

Under the Guidance of

Mr.JUSTIN MARSHAL M.Sc(IT).,M.Phil.,

(Asst. Professor, Department of Computer Applications)



DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
AFFILIATED TO THIRUVALLUVAR UNIVERSITY,VELLORE

CUDDALORE-607 001 APRIL-2020

## CERTIFICATE

This is to certify that the Mini Project entitled **Family Gift Management System Using ASP.NET**

**C.ARUNACHALAM(A17CADA08)**

**K.KISHORE KUMAR (A17CADA25)**

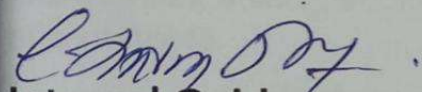
**P.VISHNU PRIYAN (A17CADA60)**

Being Submitted to St. Joseph's college of Arts & Science  
(Autonomous) (Affiliated to Thiruvalluvar University – Vellore)

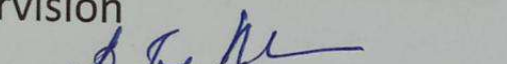
For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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and supervision

  
**Internal Guide**

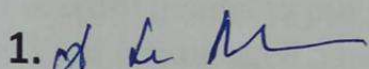
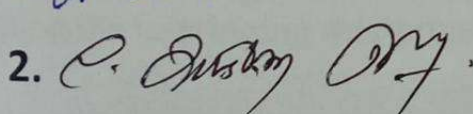
**C. JUSTIN MARSHAL**, M.Sc., (IT), M.Phil.,  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

  
**Head of the Department**

**A. JOHN PRADEEP**, M.C.A., M.Phil.,  
MOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001

Submitted for the viva-voice examination held on.....

Examiners:

1. 
2. 



# **GO-BUS**

*A mini Project Report*

*Submitted for the partial fulfilment for the award of degree of*

**BACHELOR OF COMPUTER APPLICATIONS**

*by*

**S. GOKULA KRISHNAN**

**A17CADA13**

**E. THAYANANTH**

**A17CADA55**

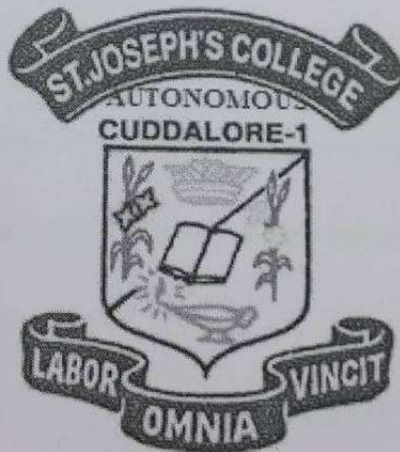
**M.VIJAY PRAKASH**

**A17CADA58**

*under the guidance of*

**Mr.J.Robert Adaikalaraj M.S(IT)., M.Phil.,**

*Asst. Professor, Department of Computer Applications*



**DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE CUDDALORE-**

**607001**

**APRIL – 2020**



This is to certify that the mini project report entitled

being submitted to the

by

A17CADA13

**A17CADA55**

A17CADA58

## BACHELOR OF COMPUTER APPLICATIONS

my guidance and supervision.

**HEAD OF THE DEPARTMENT**

HOD and Asst. Prof. in Computer Applications,  
Computer Applications.

Dept. Of Computer Applications,  
Science / Arts

St. Joseph's College of Arts and Science (Autonomous),  
CUTTACK - 753 001

Submitted for the viva-voce examination held on \_\_\_\_\_

1.

2.

# **SUNSHINE LAUNDRY SERVICES**

*A Mini Project Report*

*Submitted for the partial fulfillment for the award of degree of*

## **BACHELOR OF COMPUTER APPLICATIONS**

*by*

**MOHAMED MUZAMIL S(A17CADB25)**

**PRADEEP P(A17CADB30)**

**VIGNESH D|(A17CADB51)**

*under the guidance of*

**Mr. ANAND CHRISTY, M.C.A., M.Phil.,**

*Asst. Professor, Post Graduate and Research Department of Computer Applications*



**DEPARTMENT OF COMPUTER APPLICATIONS**

**JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER - 2020**

## CERTIFICATE

This is to certify that the mini project entitled

### SUNSHINE LAUNDRY SERVICES

being submitted to the

St. Joseph's College of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore.

By

MOHAMED MUZAMIL S(A17CADB25)

PRADEEP P(A17CADB30)

VIGNESH D(A17CADB51)

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by him,

under my guidance and supervision.

*L. Suresh*  
INTERNAL GUIDE  
29/09/20

*Dr. Sou. An. L.*

HEAD OF THE DEPARTMENT

A. JON N. PRADIPP ENGINEER, M.C.A., M.Phil

Asst. Prof. in Computer Applications

Dept. of Computer Applications

Submitted for the viva-voce examination held on 29/09/20

Science (Autonomous)

Examiners:

1. *Dr. Sou. An. L.*

2. *L. Suresh*



# **Family Gift Management System**

## **Using ASP.NET**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

### **BACHELOR OF COMPUTER APPLICATIONS**

**S.Abdul Rahman(A17CADA01)**

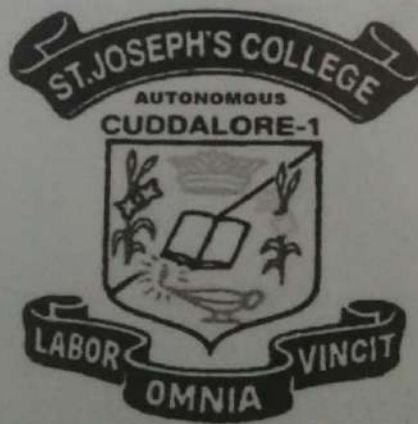
**T.Anbarasan (A17CADA04)**

**M.Mohammed Nasrul Hussain (A17CADA32)**

Under the Guidance of

**Mr.G. Suresh, MCA., M.Phil.,**

(Asst. Professor, Department of Computer Applications)



**DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY,VELLORE**

**CUDDALORE-607 001**

**APRIL-2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

**Family Gift Management System**

**Using ASP.NET**

**S.Abdul Rahman(A17CADA01)**

**T.Anbarasan (A17CADA04)**

**M.Mohammed Nasrul Hussain (A17CADA32)**

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

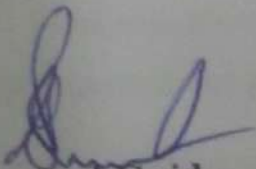
(Affiliated to Thiruvalluvar University – Vellore)

For the partial fulfilment for the award of degree of

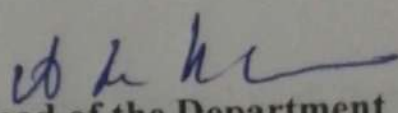
**BACHELOR OF COMPUTER APPLICATIONS**

Is Bonafide record of work carried out by her,

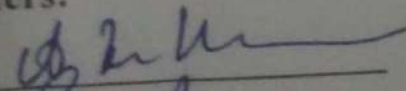
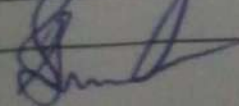
Under my guidance and supervision

  
**Internal Guide**

**G. SURESH, M.C.A., M.Phil.,**  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Vellore - 607 001.  
Submitted for the viva-voice examination held on.....

  
**Head of the Department**  
**P. S. SURESH, M.C.A., M.Phil.,**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001

**Examiners:**

1. 
2. 

# **STUDENT FEE REPORT**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

BASKAR K	(A17CADA09)
LAZER THATHUVAM MARSHAL S	(A17CADA28)
PRAVEEN RAJ R	(A17CADA42)

Under the Guidance of

**MR.Z.JOHN BERNARD., MCA., MPhil.,**

Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),CUDDALORE-1**

**APRIL-2020**



## CERTIFICATE

This is to certify that the mini project report entitled

## STUDENT FEE REPORT

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

BASKAR K	(A17CADA09)
LAZER THATHUVAM MARSHAL S	(A17CADA28)
PRAVEEN RAJ R	(A17CADA42)

for the partial Fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
is a bonafide record of work carried out by them, under  
my guidance and supervision.



Internal Guide

**Z. JOHN PARNARD**, MCA, M.Phil.  
Asst. Prof.  
Department of Computer Applications  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001



Head of the Department

**A. JOHN DEEB PARNARD**, MCA, M.Phil.  
Asst. Prof.  
Department of Computer Applications,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1.



2.

# **HOTEL ONLINE RESERVATION SYSTEM**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

JAYA PRAKASH J	(A17CADA19)
NAVEEN NICHOLAS E	(A17CADA38)
VIGNESH.B	(A17CADA56)

under the Guidance of

**MR.Z.JOHN BERNARD., MCA., MPhil.,**

Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),CUDDALORE-1**

**APRIL-2020**

## CERTIFICATE

This is to certify that the mini project report entitled

### **HOTEL ONLINE RESERVATION SYSTEM**

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

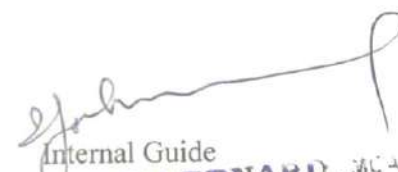
JAYA PRAKASH J	(A17CADA19)
NAVEEN NICHOLAS E	(A17CADA38)
VIGNESH.B	(A17CADA56)

for the partial Fulfillment for the award of degree of

### **BACHELOR OF COMPUTER APPLICATIONS**

is a bonafide record of work carried out by them, under

my guidance and supervision.


  
Internal Guide  
**Z. JOHN PARNARD, MCA., M.Phil.**  
Asst. Prof.  
Department of Computer Applications  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

  
Head of the Department

**A. JOHN PRADEEP EBENEZER, MCA., M.Phil.**  
Head of the Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1. 
- 2.



# MEDICAL BILLING SYSTEM

---

A Mini Project Report

submitted for the partial fulfilment for

the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

by

**M.MUGESH**

(Register Number: A17CADA36)

**S.ARUL SELVAM**

(Register Number: A17CADA07)

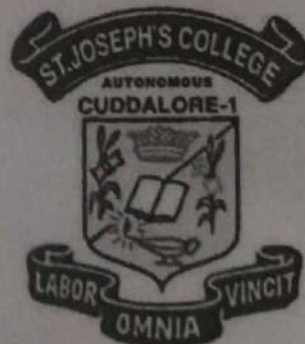
**G.ROBERT ARULANANTH**

(Register Number: A17CADA45)

Under the guidance of

**Mr. G.SURESH, M.C.A., M.Phil., Ph.D.**

Assistant Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

Affiliated to Thiruvalluvar University, Vellore

**CUDDALORE-607 001**

**MAY -2020**

# CERTIFICATE

This is to certify that the mini project entitled

## MEDICAL BILLING SYSTEM

being submitted to St. Joseph's College of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University, Vellore)

by

**M.MUGESH**

(Register Number: A17CADA36)

**S.ARUL SELVAM**

(Register Number: A17CADA07)

**G.ROBERT ARULANANTH**


(Register Number: A17CADA45)

for the partial fulfilment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

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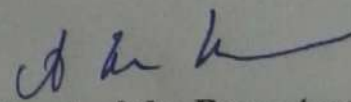
  
Internal Guide

**G. SURESH**, M.C.A., M.Phil.

Asst. Prof., P.G. & Research

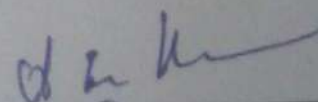
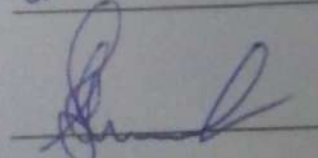
Dept. of Computer

Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

  
Head of the Department,  
**A. JAYARAJAN**, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications,  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDALORE - 607 001

Submitted for the viva-voice examination held on \_\_\_\_\_

Examiners:

1. 
2. 

# **FOODIE**

## **[ONLINE FOOD BOOKING]**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

**BACHELOR OF COMPUTER APPLICATIONS**

by

**M.S.ABDOUL HAMEED (A17CADB01)**

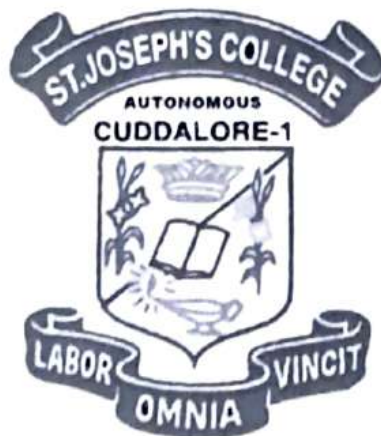
**P.SHYAM (A17CADB37)**

**S.VIKNESH (A17CADB52)**

Under the Guidance of

**Mrs. ARUNA KIRITHIKA, MCA., M.Phil.,**

(Asst. Professor, PG & Research Department of Computer Applications)



**POST GRADUATE & RESEARCH DEPARTMENT OF**

**COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL -2020**



## CERTIFICATE

This is to certify that the Mini Project entitled

### FOODIE

### [ONLINE-FOOD ORDERING]

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

by

M.S.ABDOUL HAMEED (A17CADB01)

P.SHYAM (A17CADB37)

S.VIKNESH (A17CADB52)

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

Is Bonafide record of work carried out by him,

Under my guidance and supervision

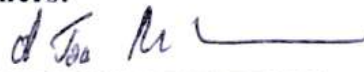
  
Internal Guide

  
Head of the Department

A. JOHN PRADEEP EDENZZER, M.C.A., M.B.A.  
HOD and Asst. Prof. In Computer Applications  
Dept. Of Computer Applications  
St. Joseph's College of Arts and Science  
CHUDALORE - 605 001

Submitted for the viva-voice examination held on.....

#### Examiners:

1. 
2. \_\_\_\_\_

# **ONLINE FURNITURE SHOPPING SYSTEM**

A Mini-Project Report

Inpartial fulfilment of the requirement for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

**B. ALDO AROCKIA UDHAYA**

**(A17CADB03)**

**S. BALA MURUGAN**

**(A17CADB06)**

**A. VINO ALEXANDER**

**(A17CADB56)**

Under the Guidance of

**Mrs. A. MARY ODILYA TEENA, MCA., M.Phil.,**

(Asst. Professor, PG Department of Computer Applications)



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE- 607001

SEPTEMBER – 2020

# CERTIFICATE

This is to certify that the Mini-Project entitled  
**ONLINE FURNITURE SHOPPING SYSTEM**

Being submitted to

ST. Joseph's College of Arts & Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University – Vellore)

by

**B. ALDO AROCKIA UDHAYA (A17CADB03)**

**S. BALAMURUGAN (A17CADB06)**


**A. VINO ALEXANDER (A17CADB56)**


For the partial Fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Is a bonafide record of work carried out by them.


Under my guidance and supervision.


  
**INTERNAL GUIDE**  
A. MARY ODELY, M.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications.  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUBBALORE - 607 001

  
**HEAD OF THE DEPARTMENT**  
**A. JOHN FRANCIS, M.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications.  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUBBALORE - 607 001

Submitted for the viva-voce examination on 09.07.2020

**Examiners:**

1. 

2. 



# **TOURISM**

A Mini-Project Report

Inpartialfulfilment of the requirementfor the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

**S.CHOKKANATHAN (A17CADB07)**

**J. JOHNJEBASTIN (A17CADB17)**

**G.THAMIZHALAGAN (A17CADB47)**

Under the Guidance of

**Mrs.R.vidhya lakshmi M.C.A.,M.Phil.,SET**

(Asst.Professor, PG Department of Computer Applications)



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**SEPTEMBER – 2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

## TOURISM

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

(affiliated to tiruvalluvar university – vellore)

Submitted By

S.CHOKKANATHAN (A17CADB07)

J. JOHNJEBASTIN (A17CADB17)

G.THAMIZHALAGAN (A17CADB47)

For the partial Fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

29/9/2020  
INTERNAL GUIDE  
R. Vidhyalakshmi  
Asst. Professor - BCA

*[Signature]*  
HEAD OF THE DEPARTMENT  
**A. JON A. PRADEEP SINGH**, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St Joseph's College of Arts and Science (Autonomous),  
CUDALORE - 687 091

Submitted for the viva-voce examination on 2/1/21

**Examiners:**

- S:
1. d. Ben M. 7/11/21
2. [Signature] 29/9/2020

# Fitness World

A Mini Project Report Submitted for the partial fulfillment for the award.

## BACHELOR OF COMPUTER APPLICATION

By

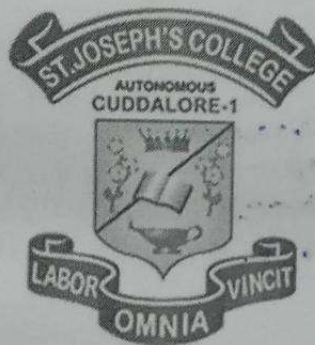
A. FAIZAL AHAMED : [A17CADB10]

N. SATHAM HUSSAIN : [A17CADB35]

V. YOGESHVARAN : [A17CADB60]

Under the Guidance of :

Mr. C. Justin Marshall (M.Phil) Assistant Professor



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated To Thiruvalluvar University-Vellore)

CUDDALORE-607001



# CERTIFICATE

This is to certify that the Mini Project entitled "FITNESS WOLRD" being submitted to the St. Joseph's College of Arts and Science (Autonomous), Affiliated to Thiruvalluvar University-  
vellore.

By,

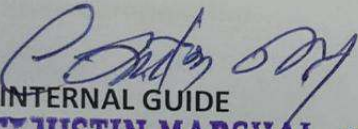
A. FAIZAL AHAMED : [A17CADB10]

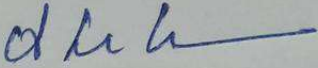
N. SATHAM HUSSAIN : [A17CADB35]

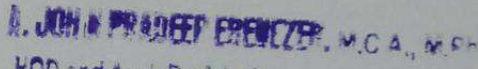
V. YOGESHVARAN : [A17CADB60]

For the partial fulfillment for the award of degree of BACHELOR OF COMPUTER APPLICATION ,

Is a Bonafide record of work carried out by them, under my guidance and supervision.

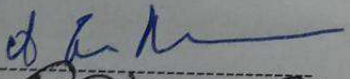
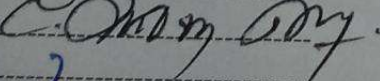

  
**INTERNAL GUIDE**  
**C. JUSTIN MARSHAL**, M.Sc., (IT), M.Phil.  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
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Cuddalore - 607 001

  
**HEAD OF THE DEPARTMENT**  
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**A. JOHN PRADEEP ERENCHER**, M.C.A., M.Phil.  
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Cuddalore - 607 001

Submitted for the viva-voce examination held on \_\_\_\_\_  
\_\_\_\_\_

Examiners:

1. 
2. 
3. 

**JAYARAM LODGE**  
**[ONLINE ROOM BOOKING]**

A Mini Project Report Submitted for  
The partial fulfilment for the award of degree  
**BACHELOR OF COMPUTER APPLICATIONS**

by

**P.KALAIMANI (A17CADB18)**

**K.TAMIZHSELVAN (A17CADB46)**

**V.VIJAY (A17CADB55)**

Under the Guidance of

**Mrs. R. ARUNA KIRITHIKA, MCA., M.Phil.,**

(Asst. Professor, PG & Research Department of Computer Applications)



**POST GRADUATE & RESEARCH DEPARTMENT OF  
COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

**JAYARAM LODGE**

**[ONLINE-ROOM BOOKING]**

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University - Vellore)

by

**P.KALAIMANI (A17CADB18)**

**K.TAMIZHSELVAN (A17CADB46)**

**V.VIJAY (A17CADB55)**

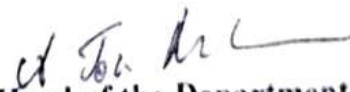
For the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Is Bonafide record of work carried out by him,


Under my guidance and supervision

  
Internal Guide

  
Head of the Department

Submitted for the viva-voice examination held on.....

**Examiners:**

1. 
2. \_\_\_\_\_



# **ONLINE SEAFOOD MARKETING SYSTEM**

*A mini -project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted by

Mr. S. NITHISH KUMAR

(A17CADB29)

Mr.R.VISHWA

(A17CADB57)

Mr.J.DINESH

(A17CADB09)

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., PhD.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001

SEPTEMBER 2020

# ONLINE SEAFOOD MARKETING

Being submitted to the St. Joseph's College of Arts and Science  
(Autonomous) Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore) by

Mr. S. NITHISH KUMAR

(A17CADB29)

Mr.R.VISHWA

(A17CADB57)


Mr.J.DINESH

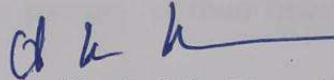
(A17CADB09)

For the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

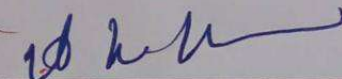
is a bonafide record of work carried out by ~~him~~, Under my guidance and supervision.

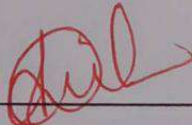
  
Internals Guide

  
Head of the Department  
A. JONATHAN PERUMAL, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications,  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001

Submitted for the Viva-Voce examination held on

Examiners:

1. 

2. 

**DIPLOMA SOFT SKILL MAINTENANCE  
[ONLINE SYSTEM]**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

**BACHELOR OF COMPUTER APPLICATIONS**

**J. SANTHOSH RAMAN (A17CADB32)**

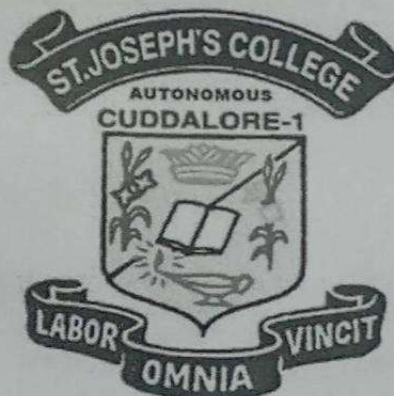
**G .SUBASH (A17CADB42)**

**M.SURENTHAR (A17CADB61)**

Under the Guidance of

**Mr.C. JUSTIN MARSHAL M.Sc(IT).,M.Phil**

(Asst. Professor ,PG Department of Computer Applications)



**POST GRAUDUATE & RESEARCH DEPARTMENT OF  
COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**CUDDALORE-607 001**

**SEPTEMBER -2020**



## CERTIFICATE

This is to certify that the Mini Project entitled

### APPLICATION GUN BBQ

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

**J. SANTHOSH RAMAN (A17CADB32)**

**G .SUBASH (A17CADB42)**

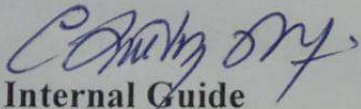
**M.SURENTHAR(A17CADB61)**

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

Is Bonafide record of work carried out by them

Under my guidance and supervision



Internal Guide

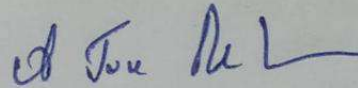
**C. JUSTIN MARSHAL, M.Sc., (IT), M.Phil.**

Asst. Prof., P.G. & Research

Dept. of Computer Applications,

St. Joseph's College of Arts & Science (Autonomous)

Submitted for the viva-voice examination held on 09.04.2021



Head of the Department

**A. JOHN JOSEPH FRENTZER, M.C.A., M.Phil.**

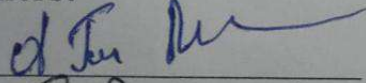
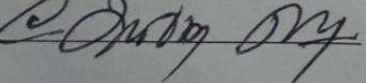
HOD and Asst. Prof. in Computer Applications,

Dept. of Computer Applications,

St. Joseph's College of Arts and Science (Autonomous),

09.04.2021

Examiners:

1. 
2. 

# **WEBSITE - FISH AQUARIUM**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**By**

**J.SARAN (REG.NO: A17CADB34)**

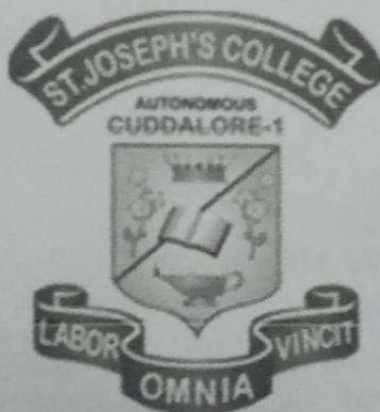
**S.SUNDARARAJAN (REG.NO: A17CADB45)**

**G.SIVAKUMAR (REG.NO: A17CADB40)**

**Under the Guidance of**

**Mr. C. Justin Marshall (M.Sc.(IT)., M.Phil.,) Assistant Professor**

**(Asst. Professor, PG Department of Computer Applications)**



**DEPARTMENT OF COMPUTER APPLICATIONS**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**September 2020**



# CERTIFICATE

This to certify that the project entitled

## WEBSITE - FISH AQUARIUM

Being submitted to the St. Joseph's College of Arts & Science (Autonomous)

( Affiliated to Thiruvalluvar University, Vellore)

By

**J.SARAN (REG.NO: A17CADB34)**

**S.SUNDARARAJAN (REG.NO: A17CADB45)**

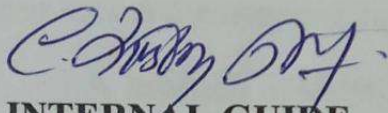
**G.SIVAKUMAR (REG.NO: A17CADB40)**

For the Partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

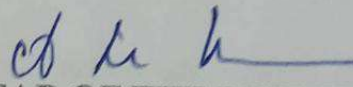
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Under my Guidance and Supervision.



### INTERNAL GUIDE

**C. JUSTIN MARSHAL**, M.Sc., (IT), M.Phil.,  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

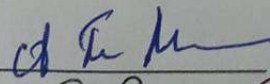
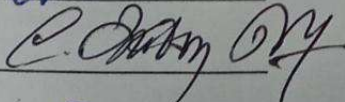
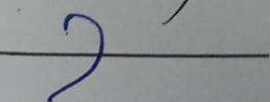


### HEAD OF THE DEPARTMENT

**A. JOHN PRADEEP EBENEZER**, M.C.A., M.Phil.,  
HOD and Asst. Prof. in Computer Applications,  
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Cuddalore - 607 001

Submitted for the viva-voice examination held on 09-04-21

### Examiners:

1. 
2. 
3. 



**MEDICHAM MEDICINE STORE**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

**BACHELOR OF COMPUTER APPLICATIONS**

**SivaSurya.M**

**(A17CADB39)**

**Gowthaman.K**

**(A17CADB14)**

**Venkat.S**

**(A17CADB49)**

Under the Guidance of

**Mrs. A.MARY ODILYA TEENA, MCA., M.Phil.,**

(Asst. Professor, PG & Research Department of Computer Applications)



**PG & RESEARCH DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL -2020**

**CERTIFICATE**

This is to certify that the Mini Project entitled

**MEDICHAMP MEDICINE STORE**

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

**SIVASURYA.M**

**(A17CADB39)**

**GOWTHAMAN.K**

**(A17CADB14)**

**VENKAT.S**


**(A17CADB49)**

For the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

Is Bonafide record of work carried out by him,

Under my guidance and supervision

  
**Internal Guide**  
A. JAYARAJ, M.C.A., M.Phil.,  
Asst. Professor.

Department of Computer Science and Applications  
St. Joseph's College of Arts and Science (Autonomous),  
CUBBALORE - 607 001

Submitted for the viva-voice examination held on..... 29.9.2020





**Head of the Department**

**A. JAYARAJ, M.C.A., M.Phil.,**

HOD and Asst. Prof. in Computer Applications,  
Dept. of Computer Applications,

St. Joseph's College of Arts and Science (Autonomous),  
CUBBALORE - 607 001

**Examiners:**

1. 
2. 

**BLOOD BANK**  
**[ONLINE BLOOD BANKING]**  
A Mini Project Report Submitted for  
The partial fulfilment for the award of degree  
**BACHELOR OF COMPUTER APPLICATION**

by

**A.SUGESH (A17CADB44)**

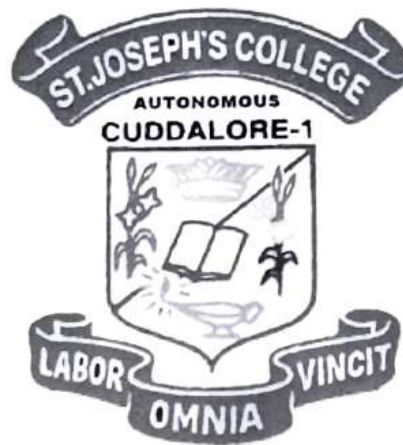
**M.JAYAKUMAR (A17CADB15)**

**P.SANTHOSH (A17CADB33)**

Under the Guidance of

**Ms. A.MARY ODILYA TEENA, MCA., M.Phil.,**

(Asst. Professor, PG & Research Department of Computer Applications)



**POST GRADUATE & RESEARCH DEPARTMENT OF**  
**COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
**CUDDALORE-607 001**  
**APRIL -2020**



## CERTIFICATE

This is to certify that the Mini Project entitled

### BLOOD BANK

### [ONLINE BLOOD BANKING]

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

by

A.SUGESH (A17CADB44)

M.JAYAKUMAR (A17CADB15)

P.SANTHOSH (A17CADB33)

(Affiliated to Thiruvalluvar University – Vellore)

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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Under my guidance and supervision



  
Internal Guide

  
Head of the Department

A. JAYAN PRADHEEP FROSTER, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications  
Dept. of Computer Applications  
St. Joseph's College of Arts and Science (Autonomous)  
CHENNAI - 607 001

Submitted for the viva-voice examination held on.....

#### Examiners:

1. 
2. 

# **BLOOD BANK MANAGEMENT SYSTEM**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

## **BACHELOR OF COMPUTER APPLICATIONS**

**UDHAYAKUMAR.S (A17CADB48)**

**KALANIDHIL.R (A17CADB19)**

**ARIVASU.S (A17CADB05)**

Under the Guidance of

**Dr. S. ANAND CHRISTY M.C.A., M.Phil., M.Com., M.B.A., Ph.D (Comp.sci)**

(Asst. Professor ,PG Department of Computer Applications)



**POST GRADUATE & RESEARCH DEPARTMENT OF  
COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**CUDDALORE-607 001**

**SEPTEMBER -2020**

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## BLOOD BANK MANAGEMENT SYSTEM

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University Vellore)

UDHAYAKUMAR.S (A17CADB48)

KALANIDHIL.R (A17CADB19)

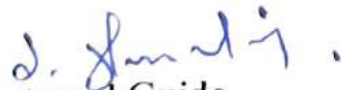
ARIVASUS (A17CADB05)


For the partial fulfilment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

Is Bonafide record of work carried out by him,

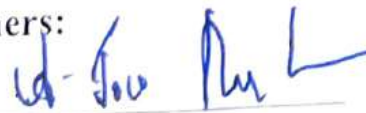

Under my guidance and supervision

  
Internal Guide  
29/09/20

  
Head of the Department  
A. JON J. PRADEEP EMBREZAR, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications,  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDALORE - 607 001

Submitted for the viva-voice examination held on.....

Examiners:

  
  
29/09/20



# **ONLINE QUIZ SYSTEM**

*A mini Project Report*

*submitted for the partial fulfillment for the award of degree of*

## **BACHELOR OF COMPUTER APPLICATIONS**

*by*

**VIGNESH A (A17CADB50)**

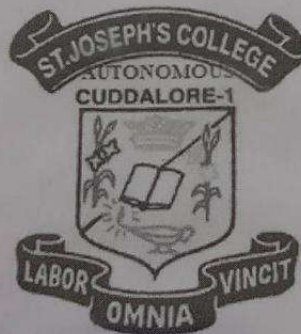
**KANNAN JK (A17CADB20)**

**VIJAY R (A17CADB54)**

*under the guidance of*

**Mr. JOHN PRADEEP EBENZER, M.C.A., M.Phil.,**

*HOD and Asst. Prof.in Computer Applications, Department of Computer Applications*



**DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER - 2020**

# CERTIFICATE

This is to certify that the mini project entitled

## ***ONLINE QUIZ SYSTEM***

being submitted to the

St. Joseph's College of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore.

By

VIGNESH A (A17CADB50)

KANNAN JK (A17CADB20)

VIJAY R (A17CADB54)

For the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**


is a bonafide record of work carried out by them,

under my guidance and supervision.

  
**INTERNAL GUIDE**

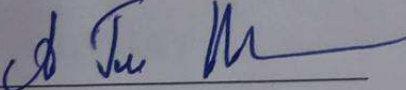
**A. JOHN PRADEEP**, M.C.A., M.Phil.,  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,

St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

  
**HEAD OF THE DEPARTMENT**

**A. JOHN PRADEEP**, M.C.A., M.Phil.,  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

**Examiners:**

1. 

2. \_\_\_\_\_



# **HOSPITAL MANAGEMENT SYSTEM**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

## **BACHELOR OF COMPUTER APPLICATIONS**

**VIGNESH.V**

**(A17CADB53)**

**SIVA SANKAR.S**

**(A17CADB38)**

**KARANESH.V**

**(A17CADB21)**

Under the Guidance of

**Mr. J. ROBERT ADAIKALARAJ, M.S.(IT)., M.Phil.,**

(Asst. Professor, PG & Research Department of Computer Applications)



**POST GRADUATE & RESEARCH DEPARTMENT OF**

**COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL -2020**



# CERTIFICATE

This is to certify that the Mini Project entitled

## HOSPITAL MANAGEMENT SYSTEM

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

**VIGNESH.V**

(A17CADB53)

**SIVA SANKAR.S**

(A17CADB38)

KARANESH.V

(A17CADB21)

For the partial fulfilment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

Is Bonafide record of work carried out by them,



Under my guidance and supervision

## Internal Guide

**Head of the Department**  
**A. JOHN A PRABHU THIRUVALLUR, M.C.A., M.Phil.**  
HOB and Asst. Prof. In Computer Applications,  
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St.Joseph's College of Arts and Science (Autonomous),  
CUDALORE - 607 004

Submitted for the viva-voice examination held on.....

**Examiners:**

1. 
2. 

**DIPLOMA SOFT SKILL MAINTENANCE**  
**[FIVE YEAR INTEGRATED COURSES APPLICATION]**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree

**BACHELOR OF COMPUTER APPLICATIONS**

**E.YOGESWARAN (A17CADB59)**

**M.MUGESH (A17CADB27)**

**A.MOHAMED NAVAS (A17CADB26)**

Under the Guidance of

**Dr. S. ANAND CHRISTY M.C.A., M.Phil., M.Com., M.B.A., Ph.D (Comp.sci)**

(Asst. Professor ,PG Department of Computer Applications)



**POST GRADUATE & RESEARCH DEPARTMENT OF**  
**COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607 001**

**SEPTEMBER -2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

**DIPLAMO SOFT SKILL MAINTENANCE**

**[FIVE YEAR INTEGRATED COURSES APPLICATION(PONDYCHERRY  
UNIVERSITY)(DEMO)]**

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University - Vellore)

**E.YOGESWARAN (A17CADB59)**

**M.MUGESH (A17CADB27)**


**A.MOHAMED NAVAS (A17CADB26)**

For the partial fulfilment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

Is Bonafide record of work carried out by him.



Under my guidance and supervision

  
Internal Guide

  
Head of the Department  
**A. JON D PRABHU PRAKASH**, M.C.A., M.B.A.,  
HOD and Asst. Prof. in Computer Applications  
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St. Joseph's College of Arts & Science (Autonomous)  
Vellore - 620 017

Submitted for the viva-voice examination held on 29/09/20

Examiners:

1. 
2.   
29/09/20



# **ONLINE DRESS SHOPPING**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

AJITH M	(A17CADB02)
KURAL R	(A17CADB23)
SRIVARASAN	(A17CADB41)

under the Guidance of

**Mr. C.JUSTIN MARSHAL.,M.Sc (IT),.MPhil**

Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1**

**APRIL-2020**

## CERTIFICATE

This is to certify that the mini project report entitled

### ONLINE DRESS SHOPPING

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by


AJITH M	(A17CADB02)
KURAL R	(A17CADB23)
SRIVARASAN	(A17CADB41)

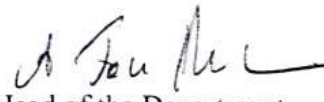
for the partial Fulfillment for the award of degree of

#### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them, under

my guidance and supervision.

  
Internal Guide  
**C. JUSTIN MARSHAL**, M.Sc., M.Phil.  
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**A. PRADEEP EBENEZER**, M.C.A., M.Phil.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on \_\_\_\_\_

Examiners:

1. 
- 2.

# **LIBRARY MANAGEMENT SYSTEM**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

GANESH	(A17CADA13)
JEEVARASAN	(A17CADA16)
KISHORE.R	(A17CADA22)

under the Guidance of

**MR.Z.JOHN BERNARD., MCA., MPhil.,**

Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),CUD DALORE-1**

**APRIL-2020**



## CERTIFICATE

This is to certify that the mini project report entitled

## LIBRARY MANAGEMENT SYSTEM

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

GANESH	(A17CADA13)
JEEVARASAN	(A17CADA16)
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Internal Guide

**Z. JOHN BERNARD**, MCA., M.Phil.

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1. 

2.

# **ECO FRIENDLY MANAGEMENT SYSTEM**

A mini Project Report

Submitted for partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

By

**M.ARTHI**

(Reg.No.A17CAEA08)

**M.BHUVANESWARI**

(Reg.No.A17CAEA10)

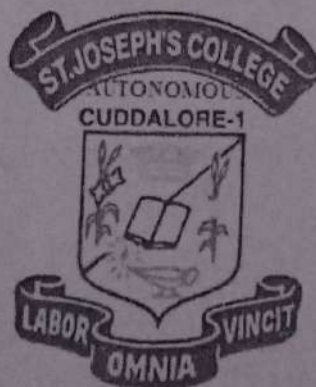
**S.REVATHI**

(Reg.No.A17CAEA34)

Under the guidance of

**Dr.A.Lourdu Caroline, M.C.A., M.Phil.,Ph.D.,**

Asst. Professor, Post Graduate and Department of Computer Applications



**PG & DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**APRIL -2020**



# CERTIFICATE

This is certified that the mini project entitled

## **ECO FRIENDLY MANAGEMENT SYSTEM**

Being submitted to the

St. Joseph's college of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore.

By

**M.ARTHI**

(Reg.No.A17CAEA08)

**M.BHUVANESWARI**

(Reg.No.A17CAEA10)

**S.REVATHI**

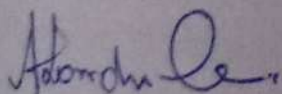
(Reg.No.A17CAEA34)

For the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

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INTERNAL GUIDE

**Dr. A. LOURDU CAROLINE, M.C.A., M.Phil., Ph.D.,**  
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HEAD OF THE DEPARTMENT

**A. JAY A PRASAD EASWAR, M.C.A., M.Phil.**

HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,

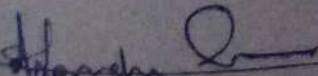
St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001.  
30/09/2020

Submitted for the viva - voce examination on.....

Examiners:

1. \_\_\_\_\_

2. 



# **IMAGE STEGANOGRAPHY**

A Mini Project Report

Submitted for the Partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

**BY**

**DIVYA R (A17CAEA15)**

**JAYA N (A17CAEA18)**

**SARUMATHI S (A17CAEA38)**

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**R.Roseline,M.C.A.,M.phil.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**CUDDALORE-607001**

**APRIL-2020**

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This is certify that the Mini Project entitled

### IMAGE STEGANOGRAPHY

Being submitted to the  
St. Joseph's College of Arts and Science(Autonomous)

Affiliated to Thiruvallur University vellore.

By

**DIVYA R**

**(A17CAEA15)**

**JAYA N**

**(A17CAEA18)**

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**(A17CAEA38)**

For the Partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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INTERNAL GUIDE

Submitted for the viva ovce examination held on

EXAMINERS:

1. 

2.

HEAD OF THE DEPARTMENT

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HOD and Asst. Prof. in Computer Applications.  
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CHIDAMBALORE - 607 001

# **LUSTROUS PEARL EVENT ORGANIZER**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

ARCHANA S	(A17CAEA06)
PRIYADHARSHINI G	(A17CAEA29)
PRIYANKA M	(A17CAEA30)

under the Guidance of

**Mr. Z. JOHN BERNARD., M.C.A., M.Phil.,**

Asst Professor, PG Department of Computer Applications



PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1

**APRIL-2020**



## CERTIFICATE

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### LUSTROUS PEARL EVENT ORGANIZER

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

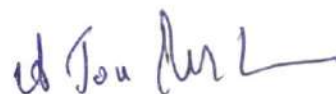
ARCHANA S	(A17CAEA06)
PRIYADHARSHINI G	(A17CAEA29)
PRIYANKA M	(A17CAEA30)

for the partial Fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
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Internal Guide

**Z. JOHN PARNARD**, MCA., M.Phil.  
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Head of the Department

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1.

2.

# **ATTENDANCE MANAGEMENT APPLICATION**

*A mini-project Report*

*In partial fulfillment of the requirement for the award of the degree of*

**BCA(BACHELOR OF COMPUTER APPLICATIONS)**

**submitted by**

**Ms. U.KAVIPRIYA**

**(A17CAEA21)**

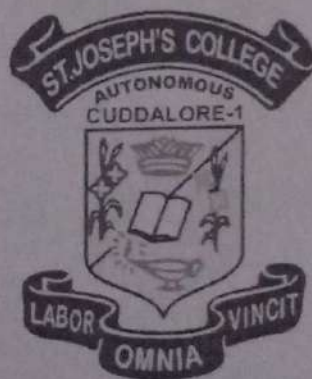
**Ms. A.PARVATHAM**

**(A17CAEA26)**

**Under the Guidance of**

**Mr. G.SURESH, M.C.A., M. Phil.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001**

**APRIL 2020**



## **CERTIFICATE**

This is to certify that the mini project entitled  
**ATTENDANCE MANAGEMENT APPLICATION**

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

(Affiliated to Thiruvalluvar University – Vellore)

by

**Ms.U.KAVIPRIYA**

**(A17CAEA21)**

**Ms.PARVATHAM**

**(A17CAEA26)**

For the partial fulfillment for the award of degree of

**BCA(BACHELOR OF COMPUTER APPLICATIONS ).**

is a bonafide record of work carried out by him,

Under my guidance and supervision.

**Internal Guide**

Submitted for the Viva-Voce examination held on \_\_\_\_\_

**Examiners:**

**Head of the Department**  
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**HOD and Asst. Prof. in Computer Applications**

**Dept. Of Computer Applications**

**St. Joseph's College of Arts and Science (Autonomous)**  
**Cuddalore - 607 001**



# **HAPPY PETALS**

A mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

<b>M.MAMTHA</b>	<b>(REG.NO.A17CAEA22)</b>
<b>R.RAJASHREE</b>	<b>(REG.NO. A17CAEA32)</b>
<b>V.SUMITHA</b>	<b>(REG.NO. A17CAEA46)</b>

under the guidance of

**Mrs. K. PADMAVATHI, M.SC., M.Phil., SET,**  
(Asst. Professor, Post Graduate and Research Department of Computer Applications)



**DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001(APRIL -2020)**

# CERTIFICATE

This is to certify that the mini project report entitled

## HAPPY PETALS

being submitted to

**St. Joseph's College of Arts and Science (Autonomous)**

Affiliated to Thiruvalluvar University, Vellore.

by

M.MAMTHA (REG.NO.A17CAEA22)  
R.RAJASHREE (REG.NO. A17CAEA32)  
V.SUMITHA (REG.NO. A17CAEA46)

For the partial fulfilment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

Is a bonafide record of work carried out by them.

Under my guidance and supervision.

**K. PADMAVATHI**, M.Sc., M.Phil., SET.  
Associate Professor,  
PG Department of Computer Applications,  
Sri Lanka College of Arts & Science (Autonomous)  
Submitted for the viva-voce examination

HEAD OF THE DEPARTMENT

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HOD and Asst. Prof. in Computer Applications  
Dept. Of Computer Applications

St. Joseph's College of Arts and Science (Autonomous)  
CHIDAMBARAM - 607 001

**Examiners:**

1. \_\_\_\_\_

2. In Buchholz

# **GARBAGE TO GARDEN**

*A mini Project Report*

*submitted for the partial fulfillment for the award of degree of*

**BACHELOR OF COMPUTER APPLICATIONS**

*by*

**ANTHONY HEMA STELLA.J**

**(A17CAEA04)**

**MOHANA PRIYA.D**

**(A17CAEA23)**

**SARANYA.J**

**(A17CAEA36)**

*under the guidance of*

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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*(Affiliated to Thiruvalluvar University, Vellore)*

**cuddalore-607001**

**SEPTEMBER-2020**



# CERTIFICATE

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## GARBAGE TO GARDEN

being submitted to the

St. Joseph's College of Arts and Science (Autonomous)

(Affiliated to Thiruvalluvar University, Vellore.)

Cuddalore-607001.

by

**ANTHONY HEMA STELLA.J**

(A17CAEA04)

**MOHANA PRIYA.D**

(A17CAEA23)

**SARANYA.J**

(A17CAEA36)

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

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*A 2ul*  
**INTERNAL GUIDE**  
**A. ISABELLA AMALI, M.C.A., M.Phil.,**  
 Assistant Professor,  
 PG Department of Computer Applications,  
 St. Joseph's College of Arts & Science (Autonomous)  
 Cuddalore-1.  
 Submitted for the viva-voce examination held on \_\_\_\_\_

*ab Pu M*  
**HEAD OF THE DEPARTMENT**  
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 HOD and Asst. Prof. in Computer Applications,  
 Dept. Of Computer Applications,  
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 CUDDALORE - 607 001.

Examiners:

1. *ab Pu M*  
 30/9/21

2. *A 2ul*

**ONLINE SHOPPING WEBPAGE**  
**SEW WAVE (DRESS STITCHING FOR WOMENS)**

A mini Project Report

Submitted for partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

By

**B.ARCHANA (Reg.No.A17CAEA05)**

**E.KARTHIKA (Reg.No.A17CAEA20)**

**N.VIDHYA (Reg.No.A17CAEA50)**

Under the guidance of

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Asst. Professor, Post Graduate and Department of Computer Applications



**PG & DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
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**CUDDALORE-607001**

**APRIL -2020**



# CERTIFICATE

This is certified that the mini project entitled

## **ONLINE SHOPPING WEBPAGE SEW WAVE (DRESS STITCHING FOR WOMENS)**

Being submitted to the

St. Joseph's college of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore.

By

**B.ARCHANA**

(Reg.No.A17CAEA05)

**E.KARTHIKA**

(Reg.No.A17CAEA20)

**N.VIDHYA**

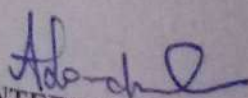
(Reg.No.A17CAEA50)

For the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

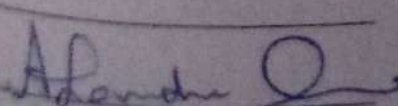
Is a bonafide record of work carried out by them,

Under my guidance and supervision.

  
INTERNAL GUIDE HEAD OF THE DEPARTMENT **A. JON N. PRADIP EDEZZER, M.C.A., M.Phil.**

Submitted for the viva-voice examination on 30/09/2020 and Asst. Prof. in Computer Applications.

Examiners:

1. \_\_\_\_\_
2. 

St Joseph's College of Arts and Science (Autonomous)  
CUDALORE - 607 001



# **AGRO ONE**

**A Mini Project Report**

**Submitted in partial fulfillment for the award of the degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**By**

**R.BAVANI(A17CAEB09)**

**C.DEEPIKA(A17CAEA13)**

**Under the Guidance of**

**Mrs. A. Mary Odilya Teena., M.C.A., M.Phil.,**

**(Asst. Professor,PG Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**APRIL-2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## AGRO ONE

Being Submitted to the St. Joseph's College of Arts and Science (Autonomous),

Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

**R.BAVANI(A17CAEA09)**

**C.DEEPIKA(A17CAEA13)**

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

is bonafide record work carried out by them

Under my guidance and supervision

*A. Mary Dally*  
INTERNAL GUIDE

HEAD OF THE DEPARTMENT  
**A. JON G. PRABHU**, M.C.A., M.Phil.  
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St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001

Submitted for the viva-voce examination held on \_\_\_\_\_

Examiners:

1. *A. Mary Dally*

2. \_\_\_\_\_

# **ONLINE SHOPPING MALL**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

GOMATHI S (A17CAEA17)

NIVETHA R (A17CAEA25)

under the Guidance of

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PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1

APRIL-2020



## CERTIFICATE

This is to certify that the mini project report entitled

### ONLINE SHOPPING MALL

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

GOMATHI S (A17CAEA17)

NIVETHA R (A17CAEA25)

for the partial Fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
is a bonafide record of work carried out by them, under  
my guidance and supervision.

  
Internal Guide

  
Head of the Department

A. JOHN PRADEEP EBENEZER, MCA, M.Phil.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1. 

2.

# **ONLINE VOTEING SYSTEM**

**A mini Project Report**

**Submitted for partial fulfillment for the award of the degree of  
BACHELOR OF COMPUTER APPLICATION (BCA)**

**By**

**S.AKSHAYA [A17CAEA02]**

**S.SHARMILA [A17CAEA41]**

**Under the Guidance of**

**Mrs.I.ROSELINE JECINTHA., M.C.A., M.Phil.,**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER -2020**

# CERTIFICATE

This is to certified that the mini project entitled

## ONLINE VOTEING SYSTEM

Being Submitted to the St. Joseph's College of Arts and Science  
(Autonomous),

Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

**S.AKSHAYA (A17CAEA02)**

**S.SHARMILA (A17CAEA41)**

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPTER APPLICATION (BCA)

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Under Our guidance and supervision.



INTERNAL GUIDE

Mrs. I. ROSELINE JECINTHA, M.C.A., M.Phil.,

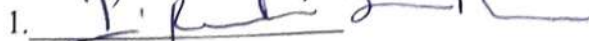
Assistant Professor,

P.G. Dept. of Computer Applications

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Cuddalore - 607 001.

Examiners:

1. 

2. \_\_\_\_\_

HEAD OF THE DEPARTMENT

**A. JOHN PETER EZEKIEL, M.C.A., M.Phil.**

HOD and Asst. Prof. in Computer Applications.

Dept. Of Computer Applications.

St. Joseph's College of Arts and Science (Autonomous),

CUDDALORE - 607 001



# **SCHOOL WEBSITE**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

DEEPA S

(A17CAEA12)

SUSHMITHA R

(A17CAEA47)

under the Guidance of

**Mr. Z. JOHN BERNARD., M.C.A., M.Phil.,**

Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1**

**APRIL-2020**

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St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

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by

DEEPA S

(A17CAEA12)

SUSHMITHA R

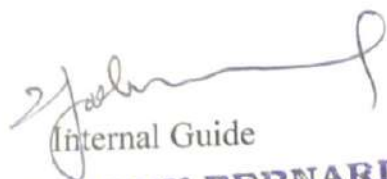
(A17CAEA47)

for the partial Fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them, under

my guidance and supervision.



Internal Guide

**Z. JOHN FERNARD, MCA., M.Phil.**

Asst. Prof.

Department of Computer Applications  
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Cuddalore - 607 001

  
Head of the Department

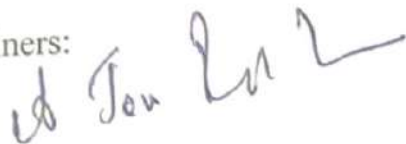
**A. JOHN PRADEEP EBENEZER, MCA., M.Phil.**  
Head, PG Department of Computer Applications  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on

29/09/2020

Examiners:

1.



2.

# **COOL DRIVING**

A mini Project Report

Submitted for partial fulfilment for the award of the degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**SRI JAGATHESWARL R (A17CAEA44)**

**SULTHANA BEGUM R (A17CAEA45)**

**SWETHA. E (A17CAEA49)**

Under the Guidance of

**Mrs. A: Isabella Amali M.C.A., M.Phill.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-607001**

**SEPTEMBER 2020**



# CERTIFICATE

This is to certify that the mini project entitled

## COOL DRIVING

Being Submitted to the

**St. Joseph's College of Arts and Science (Autonomous)**

(Affiliated to Thiruvalluvar University, Vellore)

Cuddalore - 607001

By

**SRI JAGATHESWARI. R (A17CAEA44)**

**SULTHANA BEGUM. R (A17CAEA45)**

**SWETHA. E (A17CAEA49)**

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them,

Under Our guidance and supervision.

*A2L*  
**A. ISABEL** **INTERNAL GUIDE** **HEAD OF THE DEPARTMENT**

Assistant Professor,

PG Department Submitted for the viva-voce examination held on \_\_\_\_\_  
St. Joseph's College of Arts and Science (Autonomous)

Cuddalore - 607001  
Examiners:

1. *cb Sou* *2019/21*

2. *A2L*

*cb Sou M*  
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HOD and Asst. Prof. in Computer Applications.  
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# **A WEB BASED ONLINE FURNITURE SHOPPING**

A mini Project Report

Submitted for partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**S.ARCHANA (Reg.No.A17CAEA07)**

**A.ABINAYA (Reg.No.A17CAEA01)**

Under the guidance of

**Mrs.K.PADMAVATHI, M.Sc., M.Phil., SET,**

Asst. Professor, Post Graduate and Department of Computer Applications



**PG & DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**APRIL -2020**

## CERTIFICATE

This is certified that the mini project entitled

### **A WEB BASED ONLINE FURNITURE SHOPPING**

Being submitted to the  
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Affiliated to Thiruvalluvar University, Vellore.

By

**S.ARCHANA**

**(Reg.No.A17CAEA07)**

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For the partial fulfillment for the award of degree of

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*K. Padmavathi*

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1. \_\_\_\_\_
2. *K. Padmavathi* -



# **APPLE PRESCHOOL**

**A mini Project Report**

**submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**By**

**K.DHATCHAYANI (A17CAEA14)**

**A.NIVETHA (A17CAEA24)**

**Under the Guidance of**

**Mr. Z.JOHN BERNARD, M.C.A., M.Phil.,**

**(Asst. Professor, Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the mini project entitled

### APPLE PRESCHOOL

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore-1

Affiliated to Thiruvalluvar University, Vellore.

By

K.DHATCHAYANI (A17CAEA14)

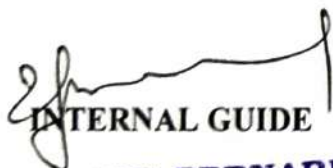
A.NIVETHA (A17CAEA24)

For the partial fulfilment for the award of degree of

### UNDERGRADUATE (BACHELOR OF COMPUTER APPLICATIONS)

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Submitted for the viva-voce examination held on \_\_\_\_\_

### Examiners:

1. \_\_\_\_\_

2. 

# **FRIENDS AQUARIUM**

A Mini Project Report

Submitted for the partial fulfillment for the award of the degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

Submitted  
By

**M.GAYATHIRI (A17CAEA16)**

**R.SIVA RANJANI (A17CAEA43)**

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CUDDALORE-607 001**

**APRIL – 2020**



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**R.SIVA RANJANI (A17CAEA43)**

For the partial fulfillment for the award of degree of

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CUUDALAKE - 607 001

Submitted for the viva-voce examination held on \_\_\_\_\_

**Examiners:**

1. \_\_\_\_\_

2. \_\_\_\_\_

# **BLOOD BANK MANAGEMENT SYSTEM**

*A mini Project Report*

*submitted for the partial fulfillment for the award of degree of*

## **BACHELOR OF COMPUTER APPLICATIONS**

*by*

I.PRIYA(A17CAEA28)

R.SWATHI(A17CAEA39)

*under the guidance of*

**Mr. J.ROBERT ADAIKALARAJ, M.S.(IT)., M.Phil.,**

*Asst. Professor, Post Graduate and Research Department of Computer Applications*



**DEPARTMENT OF COMPUTER APPLICATIONS**  
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**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER - 2020**

# CERTIFICATE

This is to certify that the mini project entitled

## BLOOD BANK MANAGEMENT

being submitted to the

St. Joseph's College of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore.

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I.PRIYA(A17CAEA28)

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For the partial fulfillment for the award of degree of

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CUBBALORE - 687 001

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Examiners:

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**SHIPPING MANAGEMENT SYSTEM**  
A Mini Project Report Submitted for  
The partial fulfilment for the award of degree  
**BACHELOR OF COMPUTER APPLICATIONS**

**SARANYA.R (A17CAEA37)**

**SHEREEN.S (A17CAEA42)**

**SUVETHA.S (A17CAEA48)**

Under the Guidance of

**Dr. S. ANAND CHRISTY M.C.A., M.Phil., M.Com., M.B.A., Ph.D (Comp.sci)**  
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**SEPTEMBER -2020**

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### SHIPPING MANAGEMENT SYSTEM

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

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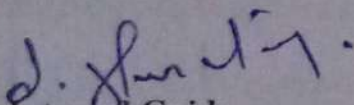
SUVETHA.S (A17CAEA48)

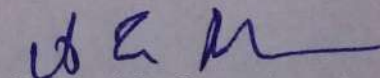
For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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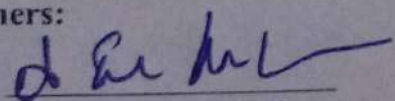
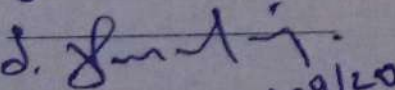
30/09/20  
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CUDALORE - 607 001.

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Examiners:

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30/09/20



**LYKAA BEAUTY WORLD**

A mini Project Report

Submitted for partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

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**CUDDALORE-607001**

**SEPTEMBER-2020**



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**LYKAA BEAUTY WORLD**

Being submitted to the

St. Joseph's college of Arts and Science (Autonomous)

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## BACHELOR OF COMPUTER APPLICATIONS

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Submitted by: Cuddalore - 1 - voice examination on..... St. Joseph's College of Arts and Science (Autonomous),  
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CUDDALORE - 607 001

**Examiners:**

1. of R. M. 30/1/21

2. 421

# **FASHION DESIGNING**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

AMUTHA V (A17CAEA03)  
PREETHI M (A17CAEA27)

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Asst Professor, PG Department of Computer Applications



PG DEPARTMENT OF COMPUTER APPLICATIONS  
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**APRIL-2020**

## CERTIFICATE

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## FASHION DESIGNING

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1


Affiliated to Thiruvalluvar University, Vellore.

by

AMUTHA V  
PREETHI M

(A17CAEA03)  
(A17CAEA27)

for the partial Fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

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1.

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# **PROJECT MANAGEMENT SYSTEM**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

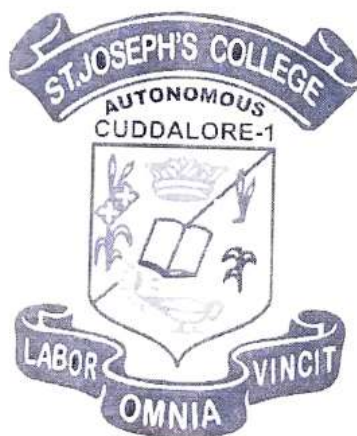
NANDHINI S  
SUMAJA G  
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## PROJECT MANAGEMENT SYSTEM

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

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Submitted for the viva-voce examination held on 29/09/2020

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# HOUSE RENT

*A Mini-Project Report*

*Submitted for the partial fulfillment for the award of degree of*

**BACHELOR OF COMPUTER APPLICATIONS**

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**D.RIXCY PREEM**

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**S.SASIREKHA**

(RegisterNumber:A17CAEB30)

*Under the guidance of*

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ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2019**



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### HOUSE RENT

being submitted to the

St. Joseph's College of Arts and Science (Autonomous)

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**S.SASIREKHA**

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For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER APPLICATIONS

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*P.M.L. 30/9/2020*  
**INTERNAL GUIDE**

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*Dr. J. S. M.*  
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Submitted for the viva-voce examination held on

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1. *Dr. J. S. M. 30/9/2020*

2. *P.M.L. 30/9/2020*

# ORPHANAGE

*A Mini-Project Report  
Submitted for the partial fulfillment for the award of degree of*

## BACHELOR OF COMPUTER APPLICATIONS

by

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**A.ROSELIN NISHA**

(RegisterNumber:A17CAEB28)

**M.ABIRAMI**

(RegisterNumber:A17CAEB03)

*Under the guidance of*

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**PG & RESEARCH DEPARTMENT OF COMPUTER APPLICATIONS**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2019**

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by

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(Register Number: A17CAEB41)

**A.ROSELIN NISHA**

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**M.ABIRAMI**

(Register Number: A17CAEB03)

For the partial fulfillment for the award of degree of  
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Under my guidance and supervision.

*30/9/2020*  
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*Asst. Professor. BCA*

*J. J. Pradeep Ebenezer*  
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Submitted for the viva-voce examination held on

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2. *30/9/2020*



# **RATION PRODUCT INTIMATION SYSTEM**

*A mini project report*

*Submitted for the partial fulfillment for the award of degree of*

**BACHELOR OF COMPUTER APPLICATIONS**

*by*

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**MEENA V : A17CAEB19**

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**APRIL-2019**

## CERTIFICATE

This is to certify that the mini project entitled  
**RATION PRODUCT INTIMATION SYSTEM**

being submitted to the

St. Joseph's College Of Arts And Science(Autonomous)

Affiliated To Thiruvalluvar University,Vellore

by

ABIRAMI K : A17CAEB02

KRISHNA PRIYA R : A17CAEB18

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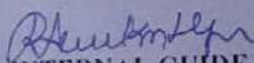
SIVASANKARI M : A17CAEB31

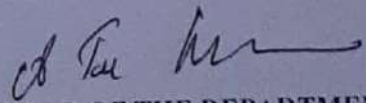
For the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

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under my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

A. JOHN PRABHAKAR CHENNEZH, M.C.A., M.Phil.,

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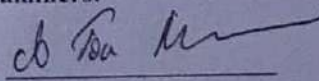
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Submitted for the viva-voce examination held on

Examiners:

1. 

2. \_\_\_\_\_

# **ONLINE SHOPPING PORTAL**

A mini project report  
submitted for the partial fulfillment for the  
award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

By

**S. ASINA BEGAM (A17CAEB06)**

**G. GAYATHRI (A17CAEB10)**

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
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**SEPTEMBER – 2020**



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### ONLINE SHOPPING PORTAL

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

(Affiliated to Thiruvalluvar University, Vellore.)

by

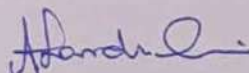
S. ASINA BEGAM(A17CAEB06)

G. GAYATHRI(A17CAEB10)

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### BACHELOR OF COMPUTER APPLICATIONS

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**INTERNAL GUIDE**  
Dr. A. LOURDO CAROLINE, M.C.A., M.Phil., Ph.D.,

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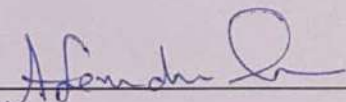
Submitted for the viva-voce examination held on

30/09/2020

St. Joseph's College of Arts and Science (Autonomous),

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CUDDALORE - 607 001

# **CULTURAL FEST ZEPHYR**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

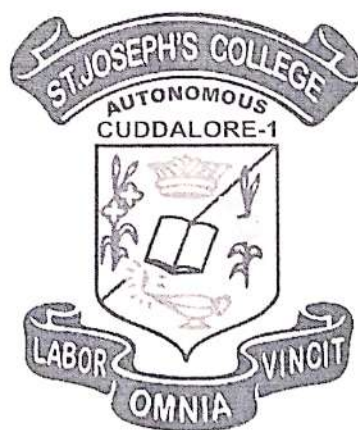
by

KAMALI P	(A17CAEB16)
METHA T	(A17CAEB38)
PAPPITHA B	(A17CAEB39)

under the Guidance of

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**APRIL-2020**

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### CULTURAL FEST ZEPHYR

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

KAMALI P  
METHA T  
PAPPITHA B

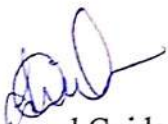
(A17CAEB16)  
(A17CAEB38)  
(A17CAEB39)

for the partial Fulfillment for the award of degree of


### BACHELOR OF COMPUTER APPLICATIONS

is a bonafide record of work carried out by them, under

my guidance and supervision.



Internal Guide



Head of the Department

A. JOHN PRADEEP EBENEZER, M.C.A., M.Phil.,  
Head PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1. 
- 2.



# **AYURVEDIC INFORMATION SYSTEM**

A mini project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

NISHA N  
SUBALAKSHMI R

(A17CAEB23)  
(A17CAEB33)

under the Guidance of

**Mrs. A. NIRMALA., M.C.A., M.Phil.,**

Asst Professor, PG Department of Computer Applications



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1**

**APRIL-2020**

## CERTIFICATE

This is to certify that the mini project report entitled

### AYURVEDIC INFORMATION SYSTEM

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Internal Guide

  
Head of the Department

A. JOHN PRADEEP EBENEZER, MCA, M.F.  
Head, PG Department of Computer Application  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1. 
- 2.

# **FOOD WORLD**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF COMPUTER APPLICATIONS**

by

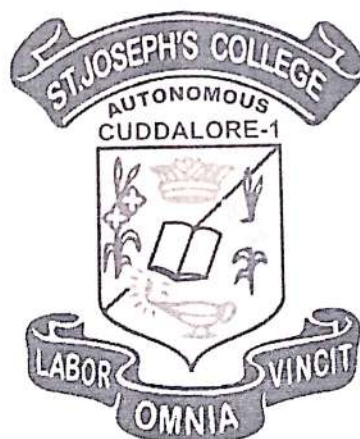
ABIRAMI E  
GURUDEVI G  
RAMYA G

(A17CAEB01)  
(A17CAEB12)  
(A17CAEB24)

under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1**

**APRIL-2020**



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(A17CAEB24)

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Internal Guide

R. ARUNA KIRITHIKA,  
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Head of the Department

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 29/09/2020

Examiners:

1.



2.

# **SCHOOL MANAGEMENT**

**A mini Project Report**

**Submitted for partial fulfilment for the award of the degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**By**

**S.ANUSHIYA (A17CAEB05)**

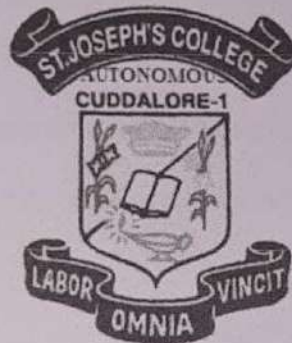
**S.HEMALATHA (A17CAEB14)**

**P.YOGALAKSHMI (A17CAEB37)**

**Under the Guidance of**

**Dr.A.Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

**(Asst. Professor, Post Graduate Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the mini project entitled

### SCHOOL MANAGEMENT

Being Submitted to the St. Joseph's College of Arts and Science (Autonomous),

Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

By

S.ANUSHIYA (A17CAEB05)

S.HEMALATHA (A17CAEB14)

P.YOGALAKSHMI (A17CAEB37)

For the partial fulfillment for the award of degree of

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Under Our guidance and supervision.

INTERNAL GUIDE

**Dr. A. LOURDU CAROLINE, M.C.A., M.Phil., Ph.D.,**  
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CUDDALORE - 607 001

Submitted for the viva-voce examination held on 30/09/2020

Examiners:

1. \_\_\_\_\_

2.



# **COFEDAY**

*A Mini-Project Report*

*Submitted for the partial fulfilment for the award of degree of*

## **BACHELOR OF COMPUTER APPLICATIONS**

**By**

**K.RAMYANJALI(A17CAEB25)**

**S.SARANYA(A17CAEB29)**

**M.SUBASRI(A17CAEB34)**

**Under the guidance of**

**Mrs.I.ROSELINE JECINTHA M.C.A.,**

**(Assistant professor, Post Graduate and Research Department of Computer  
Application)**



**PG & RESEARCH DEPARTMENT OF COMPUTER APPLICATION**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**SEP-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### COFEDAY

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore-I**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

**K.RAMYANJALI(A17CAEB25)**

**S.SARANYA(A17CAEB29)**

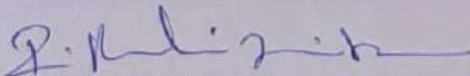
**M.SUBASRI(A17CAEB34)**

For the partial fulfilment for the award of degree of

### **BACHELOR OF COMPUTER APPLICATIONS**

Is a Bonafide record of work carried out by her.

Under my guidance and supervision.



INTERNAL GUIDE

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CUDDALORE - 607 001.

Submitted for the viva-voce examination 30.9.20

**Examiners:**

1. 

2. \_\_\_\_\_

# **“KIDS ZONE”**

**A mini Project Report**

**Submitted in partial fulfillment for the award of the degree of**

**BACHELOR OF COMPUTER APPLICATIONS**

**By**

**M.DEEPIKA(A17CAEB08)**

**S.AISHA BEGAM(A17CAEB04)**

**R.KAVITHA(A17CAEB17)**

**Under the Guidance of**

**Mr. A.John Pradeep Ebenezer., M.C.A., M.Phil.,**

**(Head, PG Department of Computer Applications)**



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**APRIL – 2020**



# CERTIFICATE

This is to certify that the mini project entitled

## KIDS ZONE

Being Submitted to the St. Joseph's College of Arts and Science (Autonomous),

Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

**M.Deepika(A17CAEB17)**

**S.Aisha begam(A17CAEB04)**

**R.Kavitha(A17CAEB17)**

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER APPLICATION

is the bonafide work of "M.DEEPIKA(A17CAEB08), S.AISHA BEGAM(A17CAEB04),  
R.KAVITHA(A17CAEB17)", who carried out the project work under my supervision.

### INTERNAL GUIDE

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on \_\_\_\_\_

Examiners:

1. \_\_\_\_\_

2. \_\_\_\_\_

# **AGRIAPP**

A Mini- Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER APPLICATIONS**

By

**A.VIJAYA LAKSHMI**

(Register Number: A17CAEB36)

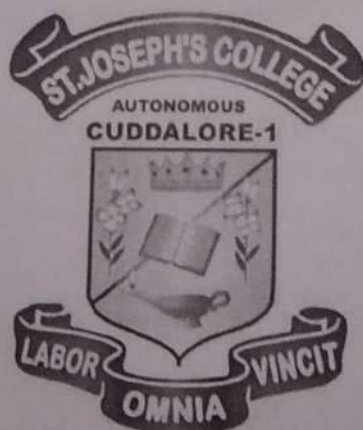
**S.MOHANAPRIYA**

(Register Number:A17CAEB20)

Under the guidance of

**Mrs. K. PADMAVATHI M.Sc., M.Phil., SET.,**

(Assistant professor, Post Graduate and Research Department of Computer Applications)



**PG & RESEARCH DEPARTMENT OF COMPUTER  
APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

## CERTIFICATE

This is to certify that the Mini- Project entitled

### AGRIAPP

being submitted to

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**  
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By

**A.VIJAYA LAKSHMI**

(Register Number: A17CAEB36)

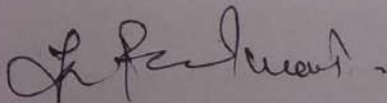
**S.MOHANAPRIYA**

(Register Number:A17CAEB20)

For the partial fulfillment for the award of degree of  
**BACHELOR OF COMPUTER APPLICATIONS**

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Under my guidance and supervision.



INTERNAL GUIDE

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St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001

Submitted for the viva-voce examination on 30.9.2021

Examiners:



# UTILITY APP USING JAVA

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr.S.Abbubakkar Sithik**

(A18MIT01)

Under the Guidance of

**Mr. A.JOHN PRADEEP EBENEZER M.C.A., M.Phil.,**

*(Asst. Professor and Head, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

NOVEMBER-2019

## CERTIFICATE

This is to certify that the mini project entitled

### UTILITY APP USING JAVA

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - I

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr.S.ABBUBAKKAR SITHIK**


**(A18MIT01)**

For the partial fulfillment for the award of degree of


### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by him.

Under my guidance and supervision.

  
Internal Guide

**A. JON A PRADIP EREZTER**, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001

  
Head of the Department

**A. JON A PRADIP EREZTER**, M.C.A., M.Phil.  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001

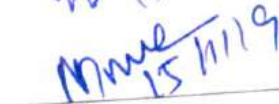
Submitted for the Viva-Voce examination held on 15/11/2019

Examiners:

1.

  
15/11/19

2.

  
15/11/19

**COOL AUTO SERVICE**

(Ungal Auto Nanban)

A project report  
submitted for the partial fulfillment for  
the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**Mr. M. AJAY**

(A18MIT02)

under the Guidance of

**Mrs. R.ROSELINE, M.C.A., M.Phil.,**  
(Asst.professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS&SCIENCE (AUTONOMOUS), CUDDALORE-1**

**SEPTEMBER - 2020**



## CERTIFICATE

This is to certify that the project report entitled

### **COOL AUTO SERVICE** (Ungal Auto Nanban)

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

**Mr. M. AJAY**

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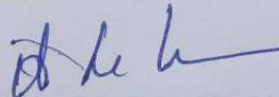
for the partial Fulfillment for the award of degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

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**INTERNAL GUIDE**

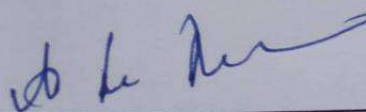


**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 28 / 09 / 2020

**Examiners:**

1.  \_\_\_\_\_

2.  \_\_\_\_\_

# **CHATBOOK USING PHP**

A project report  
submitted for the partial fulfillment for  
the award of degree of

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**Mr. M. AJAY**  
(A18MIT02)

under the Guidance of

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(Asst.professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS&SCIENCE (AUTONOMOUS), CUDDALORE-1**

**NOVEMBER - 2019**

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HEAD OF THE DEPARTMENT

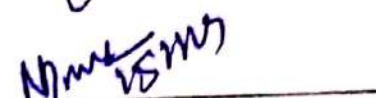
Submitted for the viva-voce examination on 15/11/19.

Examiners:

1.



2.





# **CROSS PROJECT DEFECT PREDICTION**

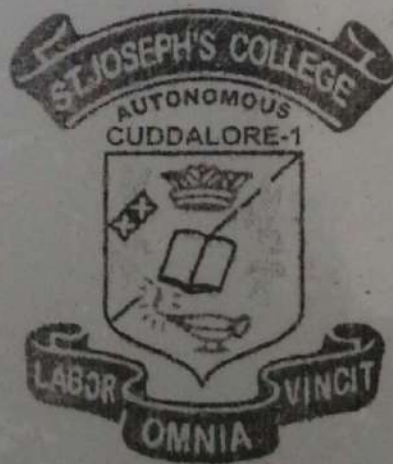
A project report  
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**Master of Science (Information Technology)**

by  
**ANITHA. P**  
(A18MIT03)

under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE-1**

**September- 2020**

# **CROSS PROJECT DEFECT PREDICTION**

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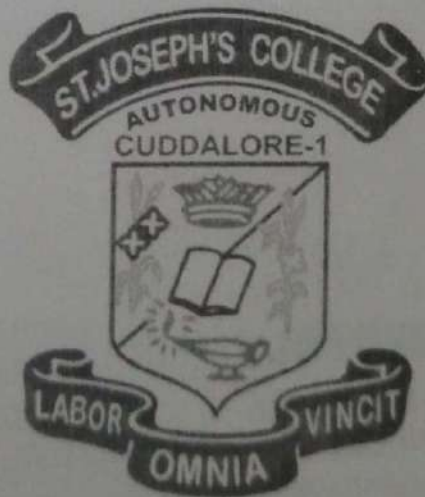
**Master of Science (Information Technology)**

by

**ANITHA. P**  
(A18MIT03)

under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE-1**

**September- 2020**

# **VEHICLE PARKING MANAGEMENT SYSTEM**

A project report  
submitted for the partial fulfillment for  
the award of degree of

**Master of Science (Information Technology)**

by  
**ANITHA. P**  
(A18MIT03)

under the Guidance of

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**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
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**CUDDALORE-1**

**November - 2019**



## CERTIFICATE

This is to certify that the mini project report entitled

### VEHICLE PARKING MANAGEMENT SYSTEM

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

**Ms. P. ANITHA**

for the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE (Information Technology)**

is a bonafide record of work carried out by him under

my guidance and supervision.



Internal Guide

**G. SURESH**, M.C.A., M.Phil.,

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Cuddalore - 607 001.



Head of the Department

Submitted for the viva-voce examination on 15 / 11 / 19

### Examiners:

1.  \_\_\_\_\_

2.  \_\_\_\_\_

# **HOUSE RENTAL MANAGEMENT**

A project report  
submitted for the partial fulfillment for the award of  
degree of

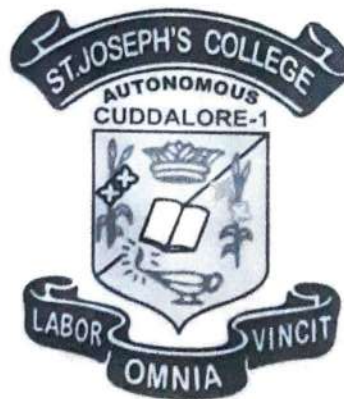
## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**Mr. D. ARUNACHALAM**  
(A18MIT04)

under the Guidance of

**Mrs. A. LOURDU CAROLINE, M.C.A, M. Phil, Ph. D,**  
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**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS&SCIENCE (AUTONOMOUS), CUDDALORE-1**

**SEPTEMBER - 2020**

# CERTIFICATE

This is to certify that the mini project report entitled

## HOUSE RENTAL MANAGEMENT

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1 Affiliated

to Thiruvalluvar University, Vellore.

by

**Mr. D.ARUNACHALAM**

(A18MIT04)

for the partial Fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by him, under my  
guidance and supervision.


  
**INTERNAL GUIDE**  
**Dr. A. LOURGUIDE, M.C.A., M.Phil., Ph.D.,**  
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St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001.

Submitted for the viva-voce examination on 28/09/20

Examiners:

1. \_\_\_\_\_

2. 



# **SIMPLE PAINT APPLICATION**

A mini Project Report  
submitted for the partial fulfillment for the award of degree of

**MATER OF SCIENCE (Information Technology)**

By

**D.ARUNACHALAM**  
(A18MITO4)

Under the Guidance of

**Mrs. A. LOURDU CAROLINE, M.C.A., M.Phil.**  
(Asst.Professor, PG Department of Computer Application)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE-1**

**MAY-2019**



# CERTIFICATE

This is to certify that the mini project report entitled

## SIMPLE PAINT APP

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

By

**D.ARUNACHALAM**

for the partial Fulfillment for the award of degree of  
**MASTER OF SCIENCE (Information Technology)**

*A. Louche C. S. P.*  
INTERNAL GUIDE 21/5/19

*A. John Pradeep*  
HEAD OF THE DEPARTMENT  
**A. JOHN PRADEEP ERENZER, M.C.A., M.Phil.,**  
HOD and Asst. Prof. in Design or Applications,  
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St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 605 001.

submitted for the viva-voce examination on 02/05/2019

examiners:

1. *[Signature]* 21/5/19

2. *[Signature]* 21/5/19



# **HEALTHYBOW – HEALTHCARE APPLICATION**

*A main-project report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. R. BALAJI (A18MIT05)**

Under the Guidance of

**Mrs. I. ROSELINE JECINTHA. M.C.A., M. Phil.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore)*

Cuddalore – 607001

APRIL 2020



## CERTIFICATE

This is to certify that the main project entitled

### HEALTHYBOW – HEALTHCARE APPLICATION

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr.R.BALAJI (A18MIT05)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)


is a bonafide record of work carried out by him,

Under our guidance and supervision.

  
**Internal Guide**

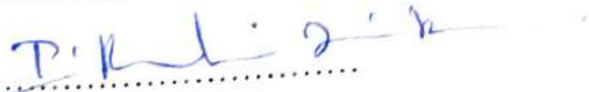
Mrs. I. ROSELINE JECINTHA, M.C.A., M.Phil.,  
Assistant Professor,  
P.G. Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

**Head of the Department**

  
H. JONAPPADEEP FORNETER, M.C.A., M.Phil.  
MOD and Asst. Prof. in Computer Applications  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous)  
CUDDALORE - 607 001.

Submitted for the Viva-Voce examination held on 28.09.2020

**Examiners:**

1. 

2. ....

# **NEVEREST INFOS – ECOMMERCE APPLICATION**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. R. BALAJI (A18MIT05)**

Under the Guidance of

**Mrs. I. ROSELINE JECINTHA. M.C.A., M. Phil.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore)*

Cuddalore – 607001

NOVEMBER 2019

## CERTIFICATE

This is to certify that the mini project entitled

### NEVEREST INFOS – ECOMMERCE APPLICATION

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr.R.BALAJI (A18MIT05)**

For the partial fulfillment for the award of degree of

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Assistant Professor,  
P.G. Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

  
Head of the Department

**A. JON N PRADEEP EBENEZER, M.C.A., M.Phil.,**  
HOD and Asst. Prof. In Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001.

Submitted for the Viva-Voce examination held on 15.11.2019

Examiners:

1. 

2. 



# **INVITATION CARDS MAKING IN PHP**

A project report

submitted for the partial fulfillment for

the award of degree of

**Master of Science (Information Technology)**

by

**GAYATHRI. P**

(A18MIT06)

under the Guidance of

**Mr.Z.John Bernard, M.C.A.,M.Phil.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE-1**

**NOVEMBER- 2019**

# CERTIFICATE

This is to certify that the mini project report entitled  
**INVITATION CARDS MAKING IN PHP**

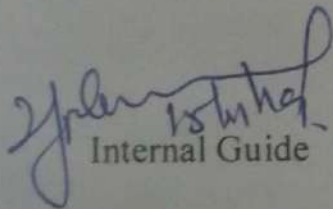
being submitted to

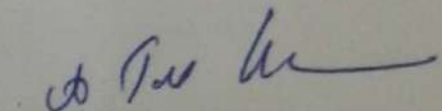
St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1  
Affiliated to Thiruvalluvar University, Vellore.

by

P. GAYATHRI

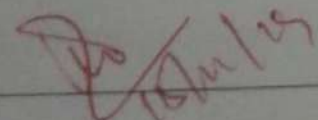
for the partial Fulfillment for the award of degree of  
**MASTER OF SCIENCE (Information Technology)**  
is a bonafide record of work carried out by him under  
my guidance and supervision.

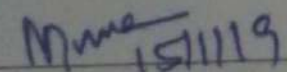
  
Internal Guide

  
Head of the Department

Submitted for the viva-voce examination on 15/11/2019

Examiners:

1.   
\_\_\_\_\_

2.   
\_\_\_\_\_

# **ONLINE E-COMMERCE STORE**

A project report

submitted for the partial fulfillment for

the award of degree of

**Master of Science (Information Technology)**

by

**GAYATHRI. P**

(A18MIT06)

under the Guidance of

**Mr.Z.John Bernard, M.C.A.,M.Phil.,**

(Assistant Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**

**CUDDALORE-1**

**APRIL- 2020**



## CERTIFICATE

This is to certify that the main project report entitled

### ONLINE E-COMMERCE STORE

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

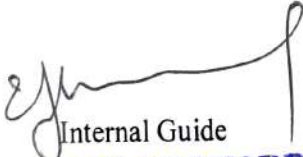
by


P. GAYATHRI

for the partial Fulfillment for the award of degree of

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Internal Guide  
**Z. JOHN BERNARD**, MCA., M.Phil.  
Asst. Prof,  
Department of Computer Applications  
St. Joseph's College of Arts & science (Autonomous)  
Cuddalore - 607 001

  
Head of the Department  
**A. JAYAPRAKASH**, MCA., M.Phil.  
MOB and Asst. Prof. in Computer Applications  
Dep. of Computer Applications  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 607 001

Submitted for the viva-voce examination on 28-09-2020

Examiners:

1.  \_\_\_\_\_

2. \_\_\_\_\_

# **TORMENTER**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

Mr. S. JAYA KRISHNARAJ

(A18MIT07)

Under the Guidance of

**Mrs. A .NIRMALA,M.C.A.,M.PHIL.,**

*(Asst. Professor , PG Department of Computer Applications)*



**PG Department of Computer Applications**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001  
NOVEMBER 2019

## CERTIFICATE

This is to certify that the mini project entitled

## TORMENTER

being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

(Affiliated to Thiruvalluvar University – Vellore)

By

**Mr. S. JAYA KRISHNARAJ (A18MIT07)**

For the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

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Under my guidance and supervision.

  
Internal Guide

**Mrs. A. NIRMALA, M.C.A., M.T.**  
Assistant Professor  
PG & Research Dept. of Computer Applications  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 607 001

  
Head of the Department

Submitted for the Viva-Voce examination held on 15-11-2019

Examiners:

1. 

2. 



# **INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM**

*A main-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. S. JAYA KRISHNARAJ**

**(A18MIT07)**

Under the Guidance of

**Dr. A. NIRMALA M.C.A., M.Phil., PhD.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001**

**SEPTEMBER 2020**

## CERTIFICATE

This is to certify that the main project entitled

### INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr. S. JAYA KRISHNARAJ**

**(A18MIT07)**

For the partial fulfillment for the award of degree of

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**Internal Guide**

**Head of the Department**

**A. JAYAKUMAR**, M.C.A., M.Phil.

HOD and Asst. Prof. in Computer Applications

Dept. of Computer Applications

St. Joseph's College of Arts and Science

Cuddalore - I

Submitted for the Viva-Voce examination held on

26-09-2022

**Examiners:**

1.  \_\_\_\_\_

2. \_\_\_\_\_

**AUTHENTICATED MEDICAL DOCUMENTS RELEASING  
WITH PRIVACY PROTECTION AND RELEASE CONTROL**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of  
**MASTER OF SCIENCE(INFORMATION TECHNOLOGY)**  
by

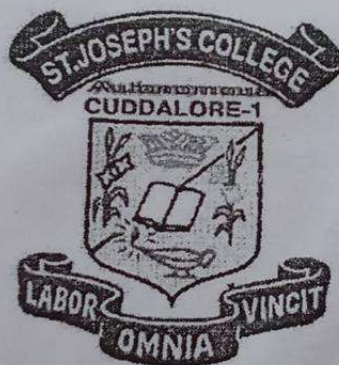
**KAVERI.G (A18MIT08)**

Under the Guidance of

**Mr. J. ROBERT ADAIKALARAJ., M.S.(IT), M.Phil.,**

Assistant professor,

Department of Computer Applications



DEPARTMENT OF COMPUTER APPLICATIONS

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**SEPTEMBER -2020**



## CERTIFICATE

This is to certify that the main project entitled

### **AUTHENTICATED MEDICAL DOCUMENTS RELEASING WITH PRIVACY PROTECTION AND RELEASE CONTROL**

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University – Vellore)

By

**KAVERI.G**  
( A18MIT08 )

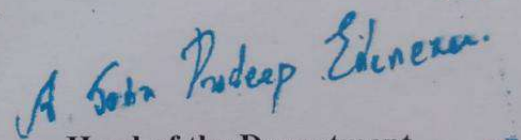
for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE(INFORMATION TECHNOLOGY)**

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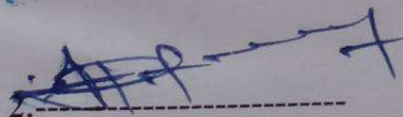
  
Internal Guide

  
Head of the Department  
**A. JAYARAJAN**, M.C.A., M.Phil.,  
MOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
GALLOPANE - 607 001

Submitted for the viva-voice examination on 28/09/2018

Examiners:

1. 

2. 

# **ATTENDANCE MANAGEMENT APPLICATION**

*A mini-project report*

*in partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Ms. H. KEERTHIKA  
(A18MIT09)**

under the guidance of

**Mr. I. BENJAMIN FRANKLIN, M.C.A., M. Phil.**  
*Assistant Professor, PG Department of Computer Applications*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University, Vellore)**

**CUDDALORE – 607001**

**NOVEMBER -2019**

# CERTIFICATE

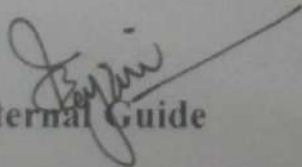
This is to certify that the mini project entitled  
**ATTENDANCE MANAGEMENT APPLICATION**

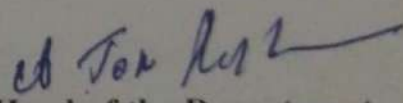
being submitted to  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore -1  
(Affiliated to Thiruvalluvar University, Vellore)  
by

**Ms. H. KEERTHIKA**  
**(A18MIT09)**

for the partial fulfillment for the award of degree of  
**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

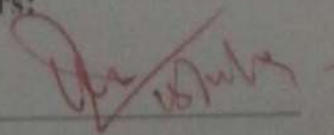
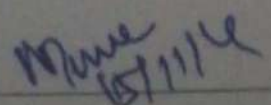
is a bonafide record of work carried out by her,  
under my guidance and supervision.

  
Internal Guide

  
Head of the Department

Submitted for the Viva-Voce examination held on 15.11.19

Examiners:

1.   
\_\_\_\_\_
2.   
\_\_\_\_\_



# JOIN INGRESS AUTHORITY

*A main-project Report*

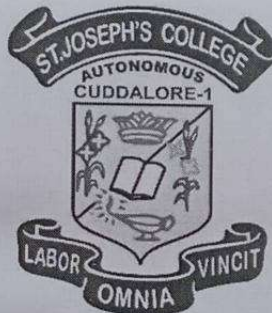
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**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

submitted by

**Ms. H. KEERTHIKA**  
**(A18MIT09)**

under the guidance of

**Dr. I. BENJAMIN FRANKLIN, M.C.A., M. Phil., Ph.D.**  
*Assistant Professor, PG Department of Computer Applications*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University, Vellore)

**Cuddalore - 607001**

**APRIL 2020**

# CERTIFICATE

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**JOIN INGRESS AUTHORITY**  
being submitted to the St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore -1

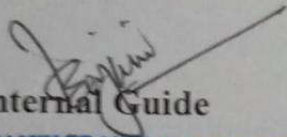
(Affiliated to Thiruvalluvar University, Vellore)

by

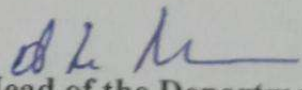
**Ms. H. KEERTHIKA**

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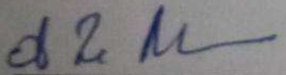
**Dr. L. BENJAMIN FRANKLIN, M.C.A., M.Phil., Ph.D.,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

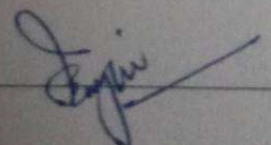
  
Head of the Department

**N. Jeyaraj Pradeep Ebenezer, M.C.A., M.Phil.,**  
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Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001

Submitted for the Viva-Voce examination held on 28/09/2020

Examiners:

1. 

2. 

# **JiKook - The Chatting Application**

A project report  
submitted for the partial fulfillment for  
the award of degree of

**Master of Science (Information Technology)**

by

**K.KRITHIKA**

(A18MIT10)

under the Guidance of

**Mrs. R.VIDHYA LAKSHMI M.C.A., M.Phil., SET**

*(Asst. Professor, PG Department of Computer Applications)*



**PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),  
CUDDALORE-607001**

**November 2019**




## CERTIFICATE

This is to certify that the mini project report entitled  
**JiKook - The Chatting Application**  
being submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1  
Affiliated to Thiruvalluvar University, Vellore.

by  
**Ms. K.KRITHIKA**

for the partial Fulfillment for the award of degree of  
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Internal Guide  
(B.VIDHYALAKSHMI)

  
Head of the Department  
**A. JOHN V. PRADEEP EBENEZER, M.C.A., M.Phil.,**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001.

Submitted for the viva-voce examination on 15.11.19

Examiners:

1. 
2. 

# **BULK MAILER**

*A project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**RANJEETH D**

(A18MIT11)

Under the Guidance of

**Mrs. R. Aruna kirithika M.C.A., M.Phil.,**

*Asst. Professor, PG Department of Computer Applications*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001

NOV 2019

## CERTIFICATE

This is to certify that the mini project entitled

### BULK MAILER

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**RANJEETH D**

**(A18MIT11)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

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Under my guidance and supervision.

Head of the Department

*Ranjan*  
Internal Guide 14/11/19

*(R. ARUN KIRITHAN)*

*A. J. S. L.*

Submitted for the Viva-Voce examination held on 15.11.2019

Examiners:

1. *R. Arun Kirithan*

2. *Ranjan*



# **DEVARAJU ENTERPRISES – ECOMMERCE APPLICATION**

*A main-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. RANJEETH D**

**(A18MIT11)**

Under the Guidance of

**Mrs. R. Aruna Kirithika M.C.A., M.Phil.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore)*

Cuddalore – 607001.

SEPTEMBER 2020

## CERTIFICATE

This is to certify that the main project entitled

### DEVARAJU ENTERPRISES – ECOMMERCE APPLICATION

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr.RANJEETH D (A18MIT11)**


For the partial fulfillment for the award of degree of

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Internal Guide

  
Head of the Department

*[Faint stamp text: St. Joseph's College of Arts and Science, Cuddalore - I, Affiliated to Thiruvalluvar University, Vellore]*

Submitted for the Viva-Voce examination held on 28.09.2020

Examiners:

1. 

2. ....

# **FRESHERS LEARNING ZONE – ELEARNING APPLICATION**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. N. SHAGUL HAMEED**

**(A18MIT12)**

Under the Guidance of

**Mr. C. JUSTIN MARSHAL. M.Sc(IT)., M. Phil.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore)*

Cuddalore – 607001

NOVEMBER 2019



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Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -I

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by

**Mr.N. SHAGUL HAMEED (A18MIT12)**

For the partial fulfillment for the award of degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

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Internal Guide

  
Head of the Department

Submitted for the Viva-Voce examination held on 15.11.2019

Examiners:

1. 

2. 

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**(A18MIT12)**

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**PG Department of Computer Applications**

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Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

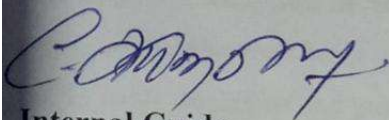
**Mr.N. SHAGUL HAMEED (A18MIT12)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

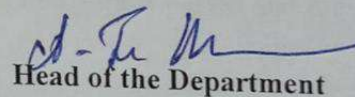
is a bonafide record of work carried out by him,

Under our guidance and supervision.



Internal Guide

**C. JUSTIN MARSHAL, M.Sc., M.Phil., M.Phill.**  
Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001

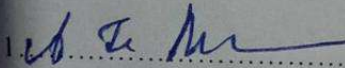


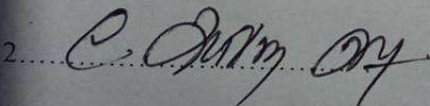
Head of the Department

**A. JOHN FRANCIS, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001

Submitted for the Viva-Voce examination held on 28/09/2020

Examiners:

1. 

2. 



# **SALES ANALYSIS USING MACHINE LEARNING**

A main-project report

Submitted for the partial fulfillment for the award of degree of

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**J.THONNIE JACK**  
(A18MIT13)

Under the Guidance of

**Mrs. A. MARY ODILYA TEENA, M.C.A., M.Phil.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-1**

**SEPTEMBER -2020**

## CERTIFICATE

This is to certify that the project report entitled

### SALES ANALYSIS USING MACHINE LEARNING

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

(Affiliated to Thiruvalluvar University, Vellore)

by

**Mr. J. THONNIE JACK**  
(A18MIT13)

for the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (Information Technology)

is a bonafide record of work carried out by him,

Under my guidance and supervision.

*A. Mary Dally*  
Internal Guide  
A. MARY DALLY, M.C.A., M.Phil.,  
Asst. Professor,  
Department of Computer Science and Applications

Submitted for the viva-voce examination on

28/09/2022

Head of the Department

*J. J. PRASAD*  
J. J. PRASAD, M.C.A., M.Phil.,  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 605 001

Examiners:

1. *A. Mary Dally*

2. \_\_\_\_\_

# **NOTES AND CODES**

A project report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**J. THONNIE JACK**  
(A18MIT13)

Under the Guidance of

**Mrs. A. MARY ODILYA TEENA, M.C.A., M.Phil.,**

(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**  
**CUDDALORE-1**

**NOVEMBER - 2019**



## CERTIFICATE

This is to certify that the project report entitled

## NOTES AND CODES

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

(Affiliated to Thiruvalluvar University, Vellore)

by

**Mr. J. THONNIE JACK**  
(A18MIT13)

for the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (Information Technology)

is a bonafide record of work carried out by him,

Under my guidance and supervision.

*A. Mary Odilya*  
Internal Guide

*ed. Tom R...*  
Head of the Department

Submitted for the viva-voce examination on 15/11/19

### Examiners:

1. *15/11/19*

2. *M...*

# **NEWS PORTAL IN PHP**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Ms.R.SIVAPRIYA**

(A18MIT14)

Under the Guidance of

**Mrs. A.ISABELLA AMALI M.C.A., M. Phil.,**

*(Asst. Professor, PG Department of Computer Applications)*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

**NOVEMBER-2019**

## CERTIFICATE

This is to certify that the mini project entitled

## NEWS PORTAL IN PHP

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**Ms.R.SIVAPRIYA**

**(A18MIT14)**

For the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by her,

Under my guidance and supervision.

*A. J. J.*  
**Internal Guide**  
**A. ISABELLA AMALI, M.C.A., M.Phil.,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-1.

Submitted for the Viva-Voce examination held on 15.11.2018

*A. J. J.*  
**Head of the Department**  
**A. JON A PRADEEP EBERZER, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous)  
CUDALORE - 607 001

### Examiners:

1. *[Signature]*
2. *M. J. J.*  
*15/11/18*



# **INTELGATE**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. R. S.MAHENDRA VARMA (A18MIT15)**

Under the Guidance of

**Mr. A JOHN PRADEEP EBENEZER, M.C.A., M.PHIL.,**

*(Asst. Professor & Head, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

**NOVEMBER 2019**

## CERTIFICATE

This is to certify that the mini project entitled

## INTELGATE

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr. R. S. MAHENDRA VARMA (A18MIT15)**

For the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by him.

Under our guidance and supervision.



**Internal Guide**

**J. JOHN PRADIP PRABHAKAR, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001



**Head of the Department**

**J. JOHN PRADIP PRABHAKAR, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore - 607 001

Submitted for the Viva-Voce examination held on 15-11-2019

**Examiners:**

1. 

2. 

# **Mini SMART**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*  
**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Mr. R.S.MAHENDRA VARMA (A18MIT15)**

Under the Guidance of

**Mr. A .JOHN PRADEEP EBENEZER, M.C.A., M.PHIL.,**  
*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University, Vellore)**

**Cuddalore – 607001**

**APRIL 2020**



## CERTIFICATE

This is to certify that the mini project entitled

### MINI SMART

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

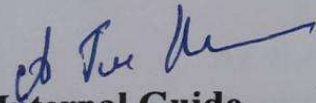
**Mr. R. S. MAHENDRA VARMA (A18MIT15)**

For the partial fulfillment for the award of degree of

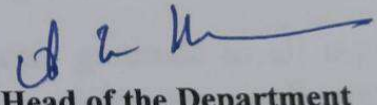
### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by him,

Under our guidance and supervision.

  
Internal Guide

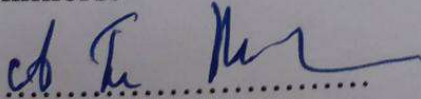
**A. JON A PRADEEP EREZER, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
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Head of the Department

**A. JON A PRADEEP EREZER, M.C.A., M.Phil.**  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001

Submitted for the Viva-Voce examination held on 28-09-2020

Examiners:

1. 

2. ....

# **CODE STORAGE APPLICATION**

*A main Project Report*

*Submitted for the partial fulfilment for the award of degree of*

**MASTER OF SCIENCE (Information Technology)**

*by*

**Mr.K.RAJESH**

**(A18MIT16)**

*Under the guidance of*

**Dr. S. ANAND CHRISTY M.C.A., M.Phil., M.Com., M.B.A., Ph.D (Comp.sci)**

*Asst. Professor, Department of Computer Applications*



**DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**SEPTEMBER – 2020**

## CERTIFICATE

This is to certify that the mini project entitled

### CODE STORAGE APPLICATION

Being submitted to the

St. Joseph's College of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University, Vellore.

By

**Mr. K.RAJESH**

(A18MIT16)


For the partial fulfilment for the award of degree of

### MASTER OF SCIENCE (Information Technology)

is a bonafide record of work carried out by them,

under my guidance and supervision.


  
INTERNAL GUIDE 28/09/20

  
HEAD OF THE DEPARTMENT  
A. JON V PRIDEEP ENGINEER, M.C.A., M.Phil.,  
HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
St. Joseph's College of Arts and Science (Autonomous),  
CUDDALORE - 607 001

Submitted for the viva-voce examination held on 28-09-2020

Examiners:

1. 

2.   
28/09/20



**AN UPDATED VERSION OF ERP AS A COLLEGE ASSISTANT**

A project report  
submitted for the partial fulfillment for  
the award of degree of

**Master of Science (Information Technology)**

by  
**SUJATHA .S**  
(A18MIT17)

under the Guidance of

**Mrs. K. PADMAVATHI M.Sc., M.Phil.,SET.,**  
(Assistant professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE-1**

**NOVEMBER – 2019**

## CERTIFICATE

This is to certify that the mini project report entitled

### AN UPDATED VERSION OF ERP AS A COLLEGE ASSISTANT

being submitted to


St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

**Ms. S. SUJATHA**

for the partial Fulfillment for the award of degree of  
**MASTER OF SCIENCE (Information Technology)**  
is a bonafide record of work carried out by her under  
my guidance and supervision.

  
Internal Guide  
**K. PADMAVATHI, M.Sc., M.Phil., SET.,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-1.

  
Head of the Department

Submitted for the viva-voce examination on 15.11.19

Examiners:

1.  \_\_\_\_\_

2.  \_\_\_\_\_

# **STUDENT REPORT CARD**

A project report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By

**Y. AJAY CLINTON**

**(A19MIT01)**

Under the Guidance of

**Mr. A. JOHN PRADEEP EBENEZER M.C.A., M.Phil.,**

(Asst. Professor, Head, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE-1**

**NOVEMBER - 2019**



## CERTIFICATE

This is to certify that the project report entitled

### STUDENT REPORT CARD

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

(Affiliated to Thiruvalluvar University, Vellore)

by

**Mr. Y. AJAY CLINTON**

**(A19MIT01)**

for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (Information Technology)**

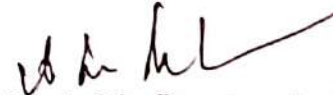
is a bonafide record of work carried out by him,

Under my guidance and supervision.



Internal Guide

**A. JAYARAJ**  
HOD and Asst. Prof. in Computer Applications  
Dept. of Computer Applications  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 605 001  
Submitted for the viva voce examination on



Head of the Department

**A. JAYARAJ**  
HOD and Asst. Prof. in Computer Applications  
Dept. of Computer Applications  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 605 001  
15.11.19

Examiners:

1. 

2. 

# **STUDENT RECORD SYSTEM**

*A mini-project Report*

*Submitted for the partial fulfillment for the award of degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

By  
**Mr. S. ALEXANDER**  
(A19MIT02)

Under the guidance of

**Mrs. R. ROSELINE, M.C.A., M. Phil.,**  
(Asst. Professor, PG Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)  
Cuddalore - 607001

**NOVEMBER-2019**

# CERTIFICATE

This is to certify that the mini project entitled

## STUDENT RECORD SYSTEM

Being submitted to the

St. Joseph's College of Arts and Science (Autonomous), Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

**Mr. S. ALEXANDER (A19MIT02)**

For the partial fulfillment for the award of degree of

## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

Is a bonafide record of work carried out by him,

Under my guidance and supervision.



**Internal Guide**



**Head of the Department**

Submitted for the Viva-Voce examination held on 15/11/19

### Examiners:

1. 

2. 



# **SNAKE GAME USING C**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

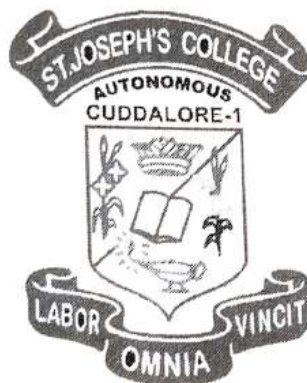
Submitted by

**Ms.S. DIVYA BHARATHI**

**(A19MIT04)**

Under the Guidance of

**Mrs. A. MARY ODILYA TEENA., MCA., M. Phil.,**  
*(Asst. Professor, PG Department of Computer Applications)*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)**

**CUDDALORE – 607001**

**NOVEMBER -2019**

# **CERTIFICATE**

This is to certify that the mini project entitled

## **SNAKE GAME USING C**

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

**Ms. S. DIVYA BHARATHI**

**(A19MIT04)**

For the partial fulfillment for the award of degree of

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

is a bonafide record of work carried out by her,

Under my guidance and supervision.

*A. Mary Odell*  
**Internal Guide**

*J. S. S. S.*  
**Head of the Department**

Submitted for the Viva-Voce examination held on 15.11.2019

**Examiners:**

1. *[Signature]*

2. *[Signature]*

# **ATM BANK MANAGEMENT SYSTEM**

*A mini-project Report*

*in partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

submitted by

**J. MULLAIVENTHAN**

**(A19MIT05)**

under the guidance of

**Dr.A.Lourdu Caroline, M.C.A., M.Phil., Ph.D.,**

(Asst. Professor, Post Graduate Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University, Vellore)  
Cuddalore - 607001

**NOVEMBER-2019**



## CERTIFICATE

This is to certify that the mini project entitled

### ATM BANK MANAGEMENT SYSTEM

Being Submitted to the St. Joseph's College of Arts and Science (Autonomous),

Cuddalore - I

(Affiliated to Thiruvalluvar University, Vellore)

By

**J.Mullaiventhan (A19MIT05)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by him,

Under Our guidance and supervision.

  
INTERNAL GUIDE

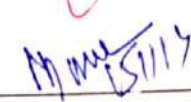
  
HEAD OF THE DEPARTMENT

**Dr. A. LOURDU CAROLINE, MCA, M.Phil, Ph.D.,**  
Assistant Professor,  
PG Department of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 15.11.2019

Examiners:

1. 

2. 

# **MIND READER**

A project report

submitted for the partial fulfillment for  
the award of degree of

**Master of Science (Information Technology)**

by

**Nishanthi .P**  
(A19MIT06)

under the Guidance of

**Mrs. I Roseline Jecintha M.c.a., M.Phil.,**

(Assistant professor, Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE-1**

**NOVEMBER – 2019**

## CERTIFICATE

This is to certify that the mini project report entitled

### MIND READER

being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1

Affiliated to Thiruvalluvar University, Vellore.

by

**Ms.P.Nisanthi.**

for the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE (Information Technology)**

is a bonafide record of work carried out by her under

my guidance and supervision.

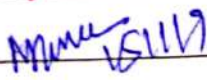
  
Internal Guide

  
Head of the Department

Submitted for the viva-voce examination on 15.11.2019

Examiners:

1. 

2. 



# **TIC TAC GAME**

*A mini-project Report*

*in partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

submitted by

**K. NIVEDHA**

**(A19MIT08)**

under the guidance of

**Mr. G. SURESH M.C.A., M.Phil.,**

(Assistant Professor, Department of Computer Application)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
**(AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University, Vellore)  
Cuddalore - 607001

**NOVEMBER-2019**

# CERTIFICATE

This is to certify that the mini project entitled

# TIC TAC

being submitted to the

St. Joseph's College of Arts and Science (Autonomous), Cuddalore - I

(Affiliated to Thiruvalluvar University, Vellore)

by

**K.NIVEDHA**

for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

is a bonafide record of work carried out by her

under my guidance and supervision.



**INTERNAL GUIDE**

**INTERNAL GUIDE**  
**S. SURESH, M.C.A., M.Phil.,**

**G. SURESH**, M.C.A.,  
Asst. Prof., P.G. & Research  
Computer Application

Asst. Prof., P.G. & Research  
Dept. of Computer Applications,  
University of Arts & Science (Autonomous)

Dept. of Computer Applications,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Cuddalore - 607 001.

the Sun here

HEAD OF THE DEPARTMENT

A. JAMES F. [REDACTED], U.C.A., U.P.M.

M.D. and Asst. Prof. in Computer Applications

Case 3: Consumer Applications

St. Joseph's College of Arts and Science (Jalandhar),  
Jalandhar, Punjab, India. E-mail: jksharma1953@gmail.com

CUMALOPE - 607 001

Submitted for the Viva-Voce examination held on 15/11/2019

**Examiners:**

1. 1.5

2. M/w 15/11/17

# **“BUS MANAGEMENT”**

*A Project Report*

Submitted for the partial fulfillment for  
the award of degree

**Master of Science (Information Technology)**

By

**NIVEDHA.K**

*(A19MT103)*

Under the Guidance of

**Mr. G. SURESH M.C.A., M.Phil.**

*(Assistant Professor, Department of Computer Application)*



PG DEPARTMENT OF COMPUTER APPLICATIONS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-1

NOVEMBER-2019



## **CERTIFICATE**

This is to certify that the mini project report entitled

### **BUS MANAGEMENT**

Being submitted to St  
Joseph's College Of Arts and Science  
(AUTONOMOUS)

Cuddalore - I  
Affiliated to Thiruvalluvar University,  
Vellore

By

**Ms. K.NIVEDHA**

For the partial Fulfillment for the award of degree of

**MASTER OF SCIENCE (Information**

**Technology)** is a bonafide record of work carried out by  
her under

My guidance and supervision.

Internal Guide

Submitted for the viva-vocal examination on

**Examiners:**

1.

2.

Head of the Department

**A. JONATHAN PERARAJAN, M.C.A., M.Phil.**

HOD and Asst. Prof. in Computer Applications

Dept. of Computer Applications,

St Joseph's College of Arts and Science (Autonomous),

Cuddalore - 607 001

# **ON-LINE ENTRANCE EXAM**

A mini- Project Report

Submitted for partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**A.PARAMESHWARI**

**(Register Number: A19MIT09)**

Under the guidance of

**Mr. Z. JOHN BERNARD, M.C.A., M.Phil.,**

(Asst. Professor, PG and Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**NOVEMBER -2019**

## CERTIFICATE

This is to certified that the mini project entitled  
**ON-LINE ENTRANCE EXAM**

Being submitted to the  
St. Joseph's college of Arts and Science (Autonomous), Cuddalore-1  
(Affiliated to Thiruvalluvar University, Vellore)

By  
**A. PARAMESHWARI**

**(Register Number: A19MIT09)**

For the partial fulfillment for the award of degree of  
**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Is a bonafide record of work carried out by them,

Under my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Submitted for the viva -voce examination held  
on.....15/11/2019.....

Examiners:

1.  15/11/19

2.  15/11/19



# **CALENDAR APPLICATION USING C**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Ms. A. POLIN MARY**

**(A19MIT10)**

Under the Guidance of

**MrS. R.VIDHYA LAKSHMI, M.C.A., M.Phil.,SET,**

*(Asst. Professor , PG Department of Computer Applications)*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

**NOVEMBER-2019**

## CERTIFICATE

This is to certify that the mini project entitled

### CALENDAR APPLICATION USING C

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**Ms. A. POLIN MARY**

**(A19MIT10)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by her,

Under my guidance and supervision.

  
Internal Guide

*R. Vaidhyalakshmi.*

  
Head of the Department

Submitted for the Viva-Voce examination held on 15.11.2019

Examiners:

1. 

2.   
15/11/19

# **RAPID ROLE GAME**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Ms. S. SARASWATHI**

**(A19MIT11)**

Under the Guidance of

**Mr. C.JUSTIN MARSHAL, M.Sc(IT)., M.Phil.,**

*(Asst. Professor , PG Department of Computer Applications)*



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

**NOVEMBER-2019**



## **CERTIFICATE**

This is to certify that the mini project entitled

### **RAPID ROLE GAME**

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**(A19MIT11)**

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Internal Guide

  
Head of the Department

Submitted for the Viva-Voce examination held on 15.11.19

Examiners:

1. 

2. 

# **CUSTOMER BILLING SYSTEM**

*A mini-project Report*

*In partial fulfillment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**M. SOPPANA**

(A19MIT12)

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*(Affiliated to Thiruvalluvar University, Vellore)*

Cuddalore – 607001

**NOVEMBER-2019**

## CERTIFICATE

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### CUSTOMER BILLING SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**M. SOPPANA**

**(A19MIT12)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

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Under my guidance and supervision.

*A. Isabella*  
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Cuddalore-1.

Submitted for the Viva-Voce examination held on 15.11.19

*J. J. Pradeep*  
**Head of the Department**  
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HOD and Asst. Prof. in Computer Applications,  
Dept. Of Computer Applications,  
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CUDDALORE - 605 001

**Examiners:**

1. *[Signature]*
2. *[Signature]* 15/11/19



# **BILLING FOR FASHION WEAR**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

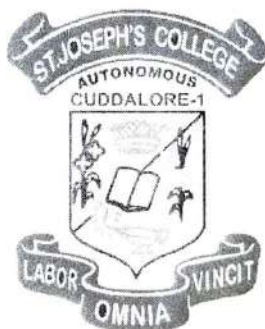
**Mr. E.SRIKANTH**

(A19MIT13)

Under the Guidance of

**Mr. S.ANAND CHRISTY, M.C.A., M. Phil., M. com., M.B.A.,**

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**PG DEPARTMENT OF COMPUTER APPLICATION**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001

NOVEMBER-2019

## CERTIFICATE

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## BILLING FOR FASHION WEAR

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**Mr. E.SRIKANTH**

**(A19MIT13)**

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## MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by him,

Under my guidance and supervision.

  
**Internal Guide**

  
**Head of the Department**

Submitted for the Viva-Voce examination held on 15/11/19

### Examiners:

1. 

2. 

# **BRAIN TEASER**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

## **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**Ms. V.SUWATHI**

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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

**NOVEMBER-2019**



## CERTIFICATE

This is to certify that the mini project entitled

### BRAIN TEASER

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**Ms.V.SUWATHI**

**(A19MIT15)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by her,

Under my guidance and supervision.

*K. Padmavathi*  
Internal Guide

**K. PADMAVATHI, M.Sc., M.Phil., SET,**

PG Department,  
Applications,  
St. Joseph's Co.

Submitted for the Viva-Voce examination held on

*15/11/19*  
Head of the Department

**Examiners:**

1. *[Signature]*

2. *[Signature]*

# **DEVELOPING NOTEPAD IN C**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of  
**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

by

**VIGNESH.B (A19MIT16)**

Under the Guidance of

**Mrs. R. ARUNA KIRITHIKA., M.C.A., M.Phil.,**

Assistant professor,

Department of Computer Applications



DEPARTMENT OF COMPUTER APPLICATIONS

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001**

**NOVEMBER -2019**

## CERTIFICATE

This is to certify that the mini project entitled

### **DEVELOPING NOTEPAD IN C**

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University – Vellore)

By

**VIGNESH .B**

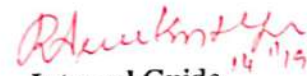
**(A19MIT16)**

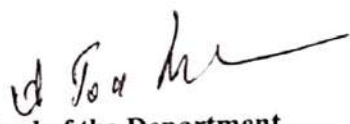
For the partial fulfillment for the award of degree of

### **MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Is a bonafide record of work carried out by him,

under my guidance and supervision

  
Internal Guide <sup>14/11/19</sup>  
(R. ARUNA KIRITHICA)

  
Head of the Department

Submitted for the viva-voice examination on 17-11-2019

Examiners:

1. 

2.   
Mm 15/11/19



# **NETWORK MANAGEMENT SYSTEM C**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

Ms. P. VISHVADHARSHINI (A19MIT17)

Under the Guidance of

**Mrs. A. MARY ODILYA TEENA, M.C.A., M.Phil.,**

*(Assistant Professor , PG Department of Computer Applications)*



**PG & RESEARCH DEPARTMENT OF COMPUTER APPLICATIONS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore)*

Cuddalore – 607001

November - 2019

## CERTIFICATE

This is to certify that the mini project entitled

### NETWORK MANAGEMENT SYSTEM C

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

Ms. P. VISHVADHARSHINI (A19MIT17)

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

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Under my guidance and supervision.

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Internal Guide

*A. Teja Kumar*  
Head of the Department

Submitted for the Viva-Voce examination held on 15-11-2019

#### Examiners:

1.....  
*[Signature]*

2.....  
*[Signature]*

# **LEN MESSENGER**

A mini- Project Report

Submitted for partial fulfillment for the award of degree of

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**M.LOKESWARAN**

**(Reg.No.A19MIT18)**

Under the guidance of

**Mr. Z. JOHN BERNARD M.C.A., M.Phil.,**

(Asst. Professor, PG and Department of Computer Applications)



**PG DEPARTMENT OF COMPUTER APPLICATIONS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE**

**CUDDALORE-607001**

**NOVEMBER -2019**



# CERTIFICATE

This is to certified that the mini project entitled

**LEN MESSENGER**

Being submitted to the

St. Joseph's college of Arts and Science (Autonomous),Cuddalore-1

(Affiliated to Thiruvalluvar University, Vellore)

By

**M.LOKESWARAN**


**(Reg.No.A19MIT18)**

For the partial fulfillment for the award of degree of


**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Is a bonafide record of work carried out by him.

Under my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT

Submitted for the viva –voce examination held on.....

**Examiners:**

1. 

2.   
15/11/19

# **BALLOON SHOOTING GAME**

*A mini-project Report*

*In partial fulfilment of the requirement for the award of the degree of*

**MASTER OF SCIENCE (INFORMATION TECHNOLOGY)**

Submitted by

**SUMANGALA. T**

(A19MIT19)

Under the Guidance of

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*(Asst. Professor, PG Department of Computer Applications)*



**PG Department of Computer Applications**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

*(Affiliated to Thiruvalluvar University, Vellore) Cuddalore – 607001*

NOVEMBER 2019

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### BALLOON SHOOTING GAME

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Cuddalore -1

(Affiliated to Thiruvalluvar University – Vellore)

by

**SUMANGALA. T**

**(A19MIT19)**

For the partial fulfillment for the award of degree of

### MASTER OF SCIENCE (INFORMATION TECHNOLOGY)

is a bonafide record of work carried out by her,



Under my guidance and supervision.

  
Internal Guide

  
Head of the Department

Submitted for the Viva-Voce examination held on 15.11.2019

Examiners:

- 
- 



**A STUDY ON DETERMINATION OF FORMALDEHYDE  
CONTENT BY SPECTROPHOTOMETRIC METHOD IN  
FISHES OF CUDDALORE**



A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,

in partial fulfillment for the award of the Degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

by

**ABDULKATHAR.T**

**(Register No: A17CHD01)**

Under the Guidance of

**Dr.V.PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.,**

Assistant Professor, Department of Chemistry

2017 – 2020

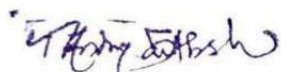
**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore-1, APRIL- 2020**

## CERTIFICATE

This is to Certify that the Dissertation work entitled "A STUDY ON DETERMINATION OF FORMALDEHYDE CONTENT BY SPECTROPHOTOMETRIC METHOD IN FISHES OF CUDDALORE " is a bonafide record of work carried out by ABDULKATHAR.T A17CHD01 in the PG & Research Department of Chemistry, St.Joseph's College of Arts and Science, (Autonomous) Cuddalore – 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2017-2020.



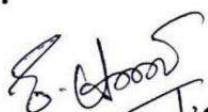
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-voce Examination held on 01-10-2020

### Examiners:

1.   
01/10/20

2.

**A STUDY ON DETERMINATION OF FORMALDEHYDE  
CONTENT BY SPECTROPHOTOMETRIC METHOD IN  
FISHES OF CUDDALORE**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**A. ABINASH**

**(A17CHD02)**

Under the guidance of

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**ASSISTANT PROFESSOR IN CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



**2017-2020**

**DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**


**CUDDALORE-607001**

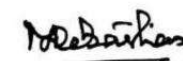
**APRIL 2020**



## CERTIFICATE

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Head of the department  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 605 001

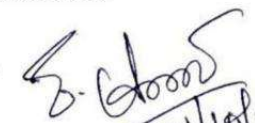
  
Internal Guide

Viva voice examination held on 01-10-20

Place:

Date:

Examiners:

1.   
01/10/20

# **ORGANIC ACIDS AND BASES IN PLANTS**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

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**(A17CHD03)**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



**2017-2020**

**DEPARTMENT OF CHEMISTRY**

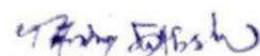
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

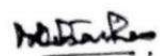
**CUDDALORE-607001**

**APRIL 2020**

## CERTIFICATE

This is to certify dissertation on **ORGANIC ACIDS AND BASES IN PLANTS** is a Bonafide record of work done by **R. AKILAN (A17CHD03)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**, Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY (2017-2020)**.

  
Head of the department

  
Internal Guide

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDDALORE-1

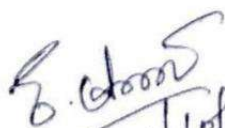
Viva voice examination held on 01-10-20

Place:

Date:

Examiners:

1.

  
01/10/20



# **SYNTHESIS AND CHARACTERIZATION OF CHLORANIL**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**N. AJEETH**

**(A17CHD04)**

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**2017-2020**

**DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

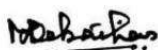
**CUDDALORE-607001**

**APRIL 2020**

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Head of the department  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607 001



Internal Guide

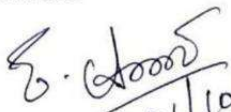
Viva voice examination held on 01-10-20

Place:

Date:

Examiners:

1.

  
01/10/20

# **PHOTOCHEMICAL ANALYSIS OF CIMUM TENUIFLORUM LEAF EXTRACT**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by  
**K.ANANDHARAJ**  
**(A17CHD05)**  
Under the guidance of

**Mr.M.SEBASTIAN MARIANTHAN, M.Sc., B.Ed.,M.Phil.,**  
**ASSISTANT PROFESSOR IN CHEMISTRY**  
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**2017-2020**  
**DEPARTMENT OF CHEMISTRY**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**CUDDALORE-607001**  
**APRIL 2020**



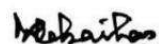
## CERTIFICATE

This is to certify dissertation on **PHOTOCHEMICAL ANALYSIS OF CIMUM TENUIFLORUM LEAF EXTRACT** is a Bonafide record of work done by **K. ANANDHARAJ (A18CHD05)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**, Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY (2017-2020)**.



Head of the department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001



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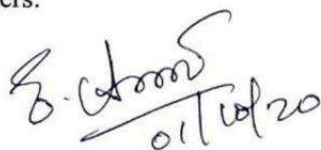
Viva voice examination held on 01-10-20

Place:

Date:

Examiners:

1.

  
01/10/20

2.

**PHYTOCHEMICAL ANALYSIS OF OCIMUM**

**TENUIFLORUM LEAF EXTRACT**

A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the Degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**A. ARAVINDHAN**

**(Register No: A17CHD06)**

Under the Guidance of

**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.,**

Assistant Professor, Department of Chemistry



**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore- 607 001**

**APRIL- 2020**

## CERTIFICATE

This is to Certify that the Dissertation work entitled “PHYTOCHEMICAL ANALYSIS OF OCIMUM TENUIFLORUM LEAF EXTRACT” is a bonafide record of work carried out by A. ARAVINDHAN, A17CHD06 in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.



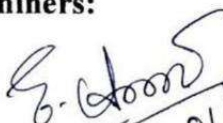
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-voce Examination held on 01-10-20

### Examiners:

1.   
01/10/20
- 2.



# **ORGANIC ACIDS AND BASES IN PLANTS**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**R. ARUNKUMAR**

**(A17CHD07)**

Under the guidance of

**MrM.SEBASTIAN MARIANTHAN, M.Sc., B.Ed.,M.Phil.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



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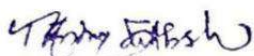
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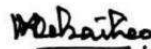
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Head of the department



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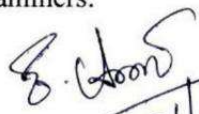
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**Viva voice examination held on ..01-10-20**

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Date:

Examiners:

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# DETECTION COMMON ADULTERANT IN HONEY BY CHEMICAL AND SPECTROPHOTOMETRE METHODS

A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-  
1,

In partial fulfillment for the award of the Degree of  
BACHELOR OF SCIENCE IN CHEMISTRY

By

P. Balachandar

(Register No: A17CHD08)

Under the Guidance of

Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.,  
Assistant Professor, Department of Chemistry



PG & Research Department of Chemistry  
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Head of the Department

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# **DETECTION COMMON ADULTERONT IN HONEY BY CHEMICAL AND SPECTROPHOTOMETRE METHODS**

**A THESIS SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**K.BALAJI**

**(A17CHD09)**

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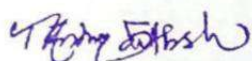
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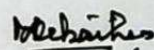
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Head of the department

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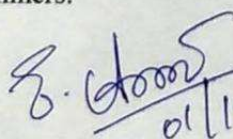
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# **SYNTHESIS AND CHARACTERIZATION OF CHLORANIL**

**A THESIS SUBMITTED TO**

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Submitted by

**R. BALAJI**

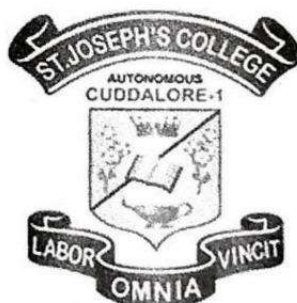
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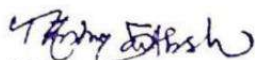
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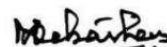
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**SYNTHESIS OF GABAPETIN**

A THESIS SUBMITTED TO

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IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF  
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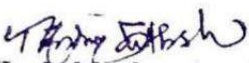
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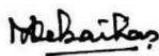
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**Head of the department**  
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#### **Examiners**

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Place: Cuddalore-1

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# **SYNTHESIS AND CHARACTERIZATION OF CHLORANIL**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**P.DHINESHKUMAR**

**(Reg. No: A17CHD13)**

Under the Guidance of

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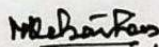
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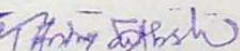
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Signature of the Guide

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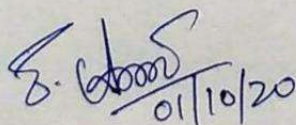


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
The Head of the Department  
Department of Chemistry  
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**R. Muthusamy**  
Manager - Group HR Services



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## **PROCESS VALIDATION OF NIZATIDINE**

A project report submitted for partial fulfillment for the award of degree of

### **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**V. DHIVAKAR**

**(Reg.No: A17CHD14)**

Under the Guidance of

**Mr.M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M.Phil.,**

Assistant Professor in chemistry



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*M. Sathya*  
Project guide

*M. Sathya*  
Head of the department  
DEPARTMENT OF CHEMISTRY  
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607 001

Viva-voce examination held on 01-10-20

Signature of the examiner:

*S. Sathya*  
01/10/20

Place: Cuddalore-1

Date:





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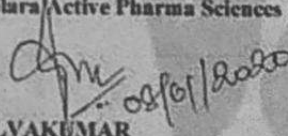
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During his Implant training, the trainee was punctual and sincere in the activities assigned to him.

We wish him a successful journey for his future endeavors.

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**N. SELVAKUMAR**  
Head -HR

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**QUALITY CONTROL ANALYSIS OF FENOPROFEN**

Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**M. GOPINATH**

**(Reg.No: A17CHD17)**

Under the Guidance of

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Assistant Professor in chemistry

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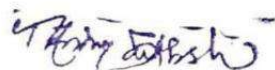
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(Signature of the Guide)

**Mr.M. SEBASTIAN MARIANATHAN ,M.Sc.,B.Ed.,M.Phil.,**

Forwarded by:



(Head of the department)

DEPARTMENT OF CHEMISTRY  
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Viva-voce examination held on 01.10.20.

Signature of the examiner:

1.   
2. 

Date:



## **A STUDY ON SYNTHESIS OF BLUE PLANT PIGMENT**

Thesis submitted to St. Joseph's College of Arts and science (Autonomous),  
in Partial fulfillment of the requirements for the award of the degree of

### **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**R. HARIKRISHNAN**

**(REGISTER NO: A17CHD18)**

Under the Guidance of

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Assistant Professor, Department of Chemistry

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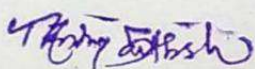
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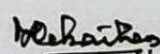
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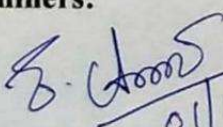
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**Head of the Department**  
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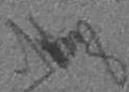
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For Clariant Chemicals (India) Limited.,

  
**R. Muthusamy**  
Manager - Group HR Services



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India





**A STUDY ON SYNTHESIS AND ANALYSIS OF RANITIDINE  
HYDROCHLORIDE**

A thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**S.IYYANAR**

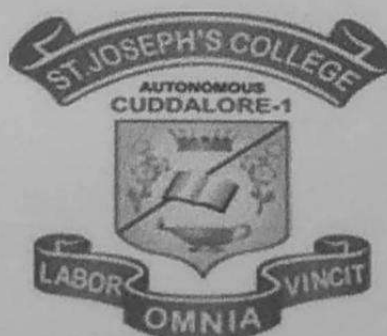
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Under the Guidance of

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Assistant Professor in chemistry

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**APRIL- 2020**

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*M. Sankaranarayanan*

Signature of the guide

*M. Sankaranarayanan*

**Head of the department**

HEAD OF THE DEPARTMENT  
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**Viva-voce examination held on ..01-10-20..**

**Signature of the examiner:**

*S. Iyyanar*  
01/10/20

Place: Cuddalore-1

Date





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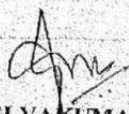
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Head -HR

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REGD. OFF : 201, Devavrata, Sector 17, Vashi Navi Mumbai - 400703, India / Tel : 91-22-2789 2924 / 2789 3199 / Fax: 91-22-2789 2942



**A STUDY ON SYNTHESIS AND TESTING OF CORN STARCH BASED  
BIODEGRADABLE PLASTIC AND COMPOSITE**

A Thesis Submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the Degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**J. JAGADHEESHWARAN**

**(Register No: A17CHD20)**

Under the Guidance of

**Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M.Phil.,**

Assistant Professor, Department of Chemistry



**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous),**

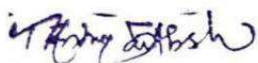
**Cuddalore-1.**

**APRIL – 2020**

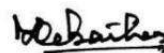
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This is to Certify that the Dissertation work entitled "SYNTHESIS AND TESTING OF CORN STARCH BASED BIODEGRADABLE PLASTIC AND COMPOSITE" is a bonafide record of work carried out by

**J. JAGADHEESHWARAN, A17CHD20** in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2019 - 2020.



**Head of the Department**

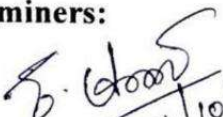


**Project Guide**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607 001

Submitted for Viva-voce Examination held on 01 - 10 - 20

**Examiners:**

1.   
01/10/20
- 2.

**VARIATIONS IN ORGANIC LOADINGS IN SUGAR FACTORY EFFLUENTS AND  
COMPARISON WITH ETP DATA (EID PARRY INDIA LTD., NELLIKUPPAM)**

The thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

SUBMITTED BY

**J.JAYASURYA**

(Reg.No:A17CHD21)

Under the guidance of

**Mr. M.SEBASTIAN MARIANATHAN, M.Sc., B.Ed., M.Phil.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**



(2017-2020)

DEPARTMENT OF CHEMISTRY

ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

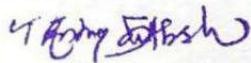
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April-2020

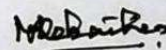


## CERTIFICATE

This is to certify that the dissertation on organic loading sugar factory effluent **Chemical Oxygen Demand (COD), Ph, Volatile Fatty Acids (VFA), Total Dissolved Solids (TDS), E.I.D Parry (I) private limited, NELLIKUPPAM** is bonafide record work done by **J.JAYASURYA, B.Sc., Chemistry (Reg.No:A17CHD21)** under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous) CUDDALORE-1 affiliated to THIRUVALLUVAR University, VELLORE, in partial fulfillment for the award of the degree of bachelor of science in chemistry.



Head of the department



Project guide


HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous).  
CUDDALORE - 607 001

Submitted for viva - voice examination held on 01-10-20

### Examiners:

1.

2.

  
01/10/20

Place: Cuddalore-1

Date:



**E.I.D. Parry (India) Limited**  
Nellikuppam, Cuddalore District, Tamil Nadu - 607 105  
Tel : 04142-272231, 272232, Fax : 04142-272242 & 46  
Regd. Office : "Dore House", 23A, N.S.C. Bose Road, Chennai - 600 001, India.  
CIN : L24211IN1975PLR006989, Website : [www.eidparry.com](http://www.eidparry.com)

03/03/2020

**CERTIFICATE**

This is to certify that Mr. **J.Jayasurya** (A17CHD21), Final year  
B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (10/02/2020 to 14/02/2020)

His attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

*[Signature]*  
3/3/2020

**B.Suresh**  
**AGM - HR**



# **MANUFACTURE OF SUGAR AND POWER PRODUCTION FROM THE BAGASSE**

A THESIS SUBMITTED TO  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

In Partial fulfillment of the Requirement for the Award of

The Degree of  
**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**V.JEEVA RATHINAM**

(Reg. No: A17CHD22)



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

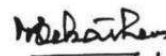
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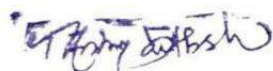
## CERTIFICATE

This is to certify that the Dissertation on "**MANUFACTURE OF SUGAR AND POWER PRODUCTION FROM THE BAGASSE**" is a bonafide record of work done by **V.JEEVARATHINAM B.Sc. Chemistry(REG.NO:A17CHD22)** under my supervision and submitted to **St. Joseph's College of Arts and Science, (Autonomous) Cuddalore - 607001**, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**



Signature of the guide

Forwarded by



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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Viva voce examination held on **01.10.20**

Signature of the examiners

1.   
01/10/20

2.

Place: Cuddalore-1

Date:

**A STUDY ON STRUCTURE AND MEDICINAL  
USES OF NALBUPHINE**

Thesis submitted to St. Joseph's College of Arts and science (Autonomous),  
in Partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**K. KALAIVANAN**

**(REGISTER NO: A17CHD23)**

Under the Guidance of

**Mr. M. SEBASTIAN MARIANATHAN M.Sc., B.Ed., M.Phil.,**

Assistant Professor, Department of Chemistry  
St. Joseph's College of Arts and Science (Autonomous)



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607 001.**

**APRIL – 2020**

## CERTIFICATE

This is to certify that the dissertation report on "A STUDY ON STRUCTURE AND MEDICINAL USES OF NALBUPHINE" is a bonafide record of work done by, **K. KALAIVANAN., B.Sc. Chemistry(REGISTER NO: A17CHD23)** Under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), cuddalore-607 001 affiliated to Thiruvalluvar university, Vellore, in Partial fulfillment for the award of the degree of bachelor of science in chemistry.

*M Sebastian*

(Signature of the Guide)

**Mr. M. SEBASTIAN MARAIANATHAN**

Forwarded by

*M Sebastian*  
(Head of the Department)  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDALORE - 607 001

Viva-voce examination held on...01-10-20

Signature of the examiners:

1. *S. Ganesan*  
01/10/20  
2.





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GSTIN: 34AAXCS3583L1ZH, DL.No.: 16 13 4220, 16 22 4221

11.03.2020

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.K.KALAIVANAN (REG NO. A17CHD23) B.Sc. Chemistry,  
Final year student of St.Joseph's College of Arts and Science, Cuddalore has  
successfully completed his Industrial Visit on 19.02.2020.

During this tenure his character and conduct was good. We wish him success in  
his future endeavours.

Authorized Signatory

S. Rajeswar

# A STUDY ON SYNTHESIS OF BLUE PLANT PIGMENTS

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted By

M.KARTHICK

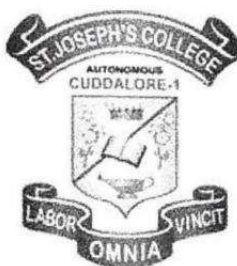
(Reg. No: A17CHD24)

Under the Guidance of

Mr. T. ANTONY SANTHOSH, M.Sc., M.Phil.,

Assistant Professor, Department of chemistry

St. Joseph's College of Arts and Science (Autonomous)



2017-2020

POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

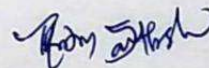
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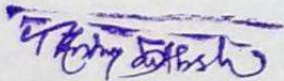
This is to certify that the dissertation report on "A STUDY ON SYNTHESIS OF BLUE PLANT PIGMENTS" is a bonafide record of work done by the M.KARTHICK, B.Sc., Chemistry (Reg No:A17CHD24) under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of bachelor of science in chemistry under my supervision and guidance during the academic year 2019 - 2020.



Signature of the Guide

Mr. T. ANTONY SANTHOSH, M.Sc., M.Phil.,

Forwarded by:

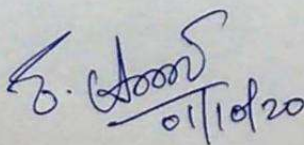


HEAD OF THE DEPARTMENT  
(Head of the department)  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore - 607 001

Viva - voice examination held on 01-10-20

Signature of the examiners

1.

  
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2.

Place: Cuddalore-1

Date:



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28.02.2020


The Head of the Department  
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St Joseph College of Arts & Science (Autonomous)  
Cuddalore - 607 001

**CERTIFICATE**

This is to certify that, **M.KARTHICK (Reg No: A17CHD24)** who is studying **BSc Chemistry Final Year** from **St Joseph College of Arts & Science (Autonomous), Cuddalore - 607 001**, under gone Project work at **Clariant Chemicals (India) Limited, Cuddalore** from **February 24<sup>th</sup> 2020 to February 28<sup>th</sup> 2020**.

We wish you good luck in all your future endeavors.

For Clariant Chemicals (India) Limited.,

  
**R. Muthusamy**  
Manager - Group HR Services



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Reliable Tech Park  
Thane - Belapur Road,  
Airoli, Navi Mumbai - 400 708  
India



# **A STUDY ON SYNTHESIS OF BLUE PLANT PIGMENTS**



A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**S.KEERTHIVASAN**

(Register no: A17CHD26)

Under the guidance of

**Mr. T.ANTONY SANDOSH, M.sc,M.Phill,**

Asisstant Professor ,Department of Chemistry

2017 – 2020

PG & Research Department of chemistry

St joseph's college of arts and science (autonomous)

Cuddalore -1

April – 2019

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This is to Certify that the Dissertation work entitled "A STUDY ON SYNTHESIS OF BLUE PLANT PIGMENTS" is a bonafide record of work carried out by **S. KEERTHIVASAN**, **A17CHD26** in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore – 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.

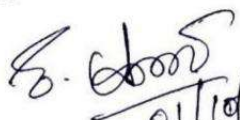
  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE,  
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CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-voce Examination held on 01-10-20

### Examiners:

1.   
01/10/20



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22.01.2020


The Head of the Department  
Department of Chemistry  
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Cuddalore - 607 001

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This is to certify that **S.KEERTHIVASAN** (Reg No: A17CHD26) who is studying **BSc Chemistry Final year** from **St Joseph College of Arts & Science (Autonomous), Cuddalore - 607 001**, under gone **Project Work** at **Clariant Chemicals (India) Limited, Cuddalore** from **January 16<sup>th</sup> 2020** to **January 22<sup>nd</sup> 2020**.

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**R. Muthusamy**  
Manager - Group HR Services



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Thane - Nallas Road,  
Airoli, Near Mumbai - 400 708,  
India

20/01/2020 11:35

**A STUDY ON SYNTHESIS OF BLUE PLANT PIGMENTS**



A Thesis Submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1

In partial fulfillment for the award of the degree of  
**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**S. KRISHNAKUMAR**

(Register no: A17CHD27)

Under the guidance of

**Mr. T. ANTONY SANDOSH, M.sc. ,M.Phil.,**

Asisstant Professor ,Department of Chemistry

2017 – 2020

PG & Research Department of chemistry

St joseph's college of arts and science (autonomous)

Cuddalore -1

April – 2019

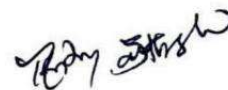
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**Head of the Department**

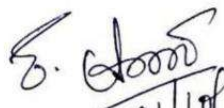
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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CUDDALORE - 607 001



**Project Guide**

Submitted for Viva-voce Examination held on 01-10-20

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The Head of the Department  
Department of Chemistry  
St Joseph College of Arts & Science ( Autonomous )  
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**CERTIFICATE**

This is to certify that, **S.KRISHNAKUMAR** ( Reg No: A17CHD27 ) who is studying **BSc Chemistry Final Year** from **St Joseph College of Arts & Science ( Autonomous ), Cuddalore - 607 001**, under gone Project work at **Clariant Chemicals (India) Limited, Cuddalore** from **January 16<sup>th</sup> 2020 to January 22<sup>nd</sup> 2020**.

We wish you good luck in all your future endeavors.

For Clariant Chemicals ( India ) Limited.,

  
**R. Muthusamy**



**A STUDY ON SYNTHESIS OF NANOPARTICLES OF  
COPPER SALEN**



A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,

in partial fulfilment for the award of the Degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

by

**MANOJ KUMAR. M**

**(Register No: A17CHD28)**

Under the Guidance of

**Mr. T. ANTONEY SANDOSH M.Sc., M.Phil.,**

Head, Assistant Professor, Department of Chemistry

2019-2020

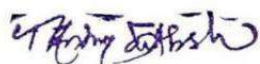
**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore-1. APRIL- 2020**

## CERTIFICATE

This is to certify that the Dissertation work entitled "A STUDY ON SYNTHESIS OF NANOPARTICLES OF COPPER SALEN" is a bonafide record of work carried out by **Manoj Kumar. M, A17CHD28** in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of Bachelor of Science in Chemistry under my supervision and Guidance during the academic year 2019-2020.



**Head of the Department**

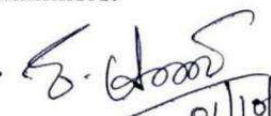
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous),  
CUDDALORE - 607 001



**Project Guide**

Submitted for Viva-voce Examination held on 01-10-20

**Examiners:**

1.   
01/10/20

2.



**ESTIMATION OF TIMOLOL MALEATE AND DORZOLAMIDE  
HYDROCHLORIDE IN OPHTHALMIC SOLUTION DOSAGE  
FROM BY HPLC-METHOD**

Thesis submitted to St. Joseph's College of Arts and Science, (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

**Submitted By**

**T. MATHIVANAN**

**(Reg.No: A17CHD29)**

Under the Guidance of

**Mr. T. ANTONY SANDOSH, M.Sc., M.Phil.,**

**Assistant Professor in chemistry(HOD)**

**St. Joseph's College of Arts and Science (Autonomous)**

**Cuddalore – 607 001.**



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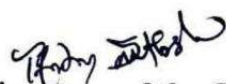
**CUDDALORE - 607 001.**

**APRIL 2020**

## CERTIFICATE


This is to certify that this thesis entitled "**ESTIMATION OF TIMOLOL MALEATE AND DORZOLAMIDE HYDROCHLORIDE IN OPHTHALMIC SOLUTION DOSAGE FROM BY HPLC-METHOD**"

Submitted to St. Joseph's College of Arts and Science (Autonomous). In partial fulfillment for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of work carried out by **T. MATHIVANAN (Reg.No: A17CHD29)** under my guidance for the Academic period 2020.

  
Signature of the Guide

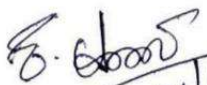
**Mr. T. Antony Sandosh M. Sc., M.Phil.,**

Forwarded by:

  
(Head of the department)  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
AUTONOMOUS  
VADAPATTI - 605 006

Viva-voce examination held on 01.10.20

**Examiner:**

1. 
2. 01/10/20



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Tel: +91 413 2654100, Fax: +91 413 2655154

08.01.2020

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Mr. Mathivanan T**, Pursuing B.sc (chemistry) from St. Joseph's College of Arts and Science, Cuddalore has successfully completed his Inplant training from 27-12-2019 to 02-01-2020 in our company.

During his Inplant training, the trainee was punctual and sincere in the activities assigned to him.

We wish him a successful journey for his future endeavors.

**For Solara Active Pharma Sciences Limited**

  
**N. SELVAKUMAR**  
Head -HR

Solara Active Pharma Sciences Limited - CIN : L24230MH2017PLC291636  
REGD. OFF : 201, Devavrate, Sector 17, Vashi Navi Mumbai - 400703, India / Tel : 91-22-2789 2924 / 2789 3199 / Fax: 91-22-2789 2942



**"SOLID-PHASE EXTRACTION AND HIGH-PERFORMANCE LIQUID  
CHROMATOGRAPHY APPLIED TO THE DETERMINATION OF QUINAPRIL AND ITS  
METABOLITE QUINAPRILAT IN URINE"**

Thesis submitted to St. Joseph's college of arts and science (Autonomous)

In partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**M. MUGESH KUMAR**

(Reg.No: A17CHD31)

Under the Guidance of

**Mr.T. Antony Sandosh M. Sc., M.Phil.,**

Assistant Professor in chemistry

St. Joseph's college of arts and science (Autonomous)



POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY


ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

CUDDALORE - 607 001.

APRIL- 2020

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This is to certify that thesis entitled "**SOLID-PHASE EXTRACTION AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY APPLIED TO THE DETERMINATION OF QUINAPRIL AND ITS METABOLITE QUINAPRILAT IN URINE**" submitted to St. Joseph's college of arts and science (Autonomous) In partial fulfillment for the award of the Degree of Bachelor of Science in Chemistry is a bonafide record of work done by **M. MUGESH KUMAR** B.Sc., Chemistry (Reg.No: A17CHD31) under my guidance for the Academic period 2017-2020.



Signature of the Guide

Mr.T. Antony Sandosh M. Sc., M.Phil.,

Forwarded by:



**Head of the department**

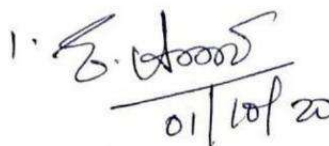
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CUDDALORE - 607 001

Viva-voce examination held on 01-10-20

Signature of the examiner:

Place: Cuddalore-1

Date:



01/10/20

**A STUDY ON SYNTHESIS AND ANALYSIS OF GABAPENTIN**

**A Thesis submitted to St. Joseph's college of arts and science  
(Autonomous)**

**In partial fulfillment for the award of the degree of  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**P. MURALI**

**(REG NO: A17CHD32)**

Under the Guidance of

**Mr.T.Antony Sandosh M. Sc., M.Phil.,**

Assistant Professor in chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

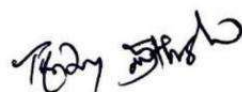
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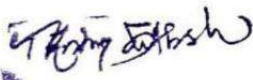
# CERTIFICATE

This is to certify dissertation on **A STUDY ON SYNTHESIS AND ANALYSIS OF GABAPENTIN** Is a bonafide record of word done by **P.MURALI** B.Sc., Chemistry (Reg.No: A17CHD32) under my supervision and submitted to St. Joseph's college of arts and science (Autonomous), cuddalore-1, affiliated to Thiruvalluvar University, Vellore, In partial fulfillment or the award of the Degree of Bachelor of Science in Chemistry.



Signature of the Guide

Mr.T. Antony Sandosh M. Sc., M.Phil.,



Forwarded by:

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DEPARTMENT (Head of the department) (Principal)  
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Cuddalore-1  
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Signature of the examiner:

Place: Cuddalore-1

Date:02-10-2020

1. S. G. Ganesan  
01/10/20



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Active Pharma Sciences

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08.01.2020

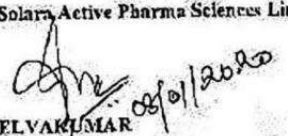
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Mr. Murali P. Pursuing B.Sc (Chemistry) from St. Joseph's College of Arts and Science, Cuddalore has successfully completed his Inplant training from 27-12-2019 to 02-01-2020 in our company.

During his Inplant training, the trainee was punctual and sincere in the activities assigned to him.

We wish him a successful journey for his future endeavors.

For Solara Active Pharma Sciences Limited

  
N. SELVAKUMAR  
Head -HR

Solara Active Pharma Sciences Limited - CIN : L24130MH2017PLC291636  
REGD. OFF: 201, Deshpande, Sector 17, Vashi Navi Mumbai - 400703, India / Tel: 91-22-2789 2924 / 2789 3109 / Fax: 91-22-2789 2942

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# **QUALITY ASSESSMENT OF WASTE WATER TREATMENT**

A thesis submitted to St. Joseph's college of arts and science (Autonomous)

In partial fulfillment for the award o degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**B. PERIYASAMY**

**(Reg.No: A17CHD33)**

Under the Guidance of

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Assistant Professor in chemistry

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**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

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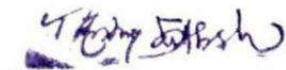
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Head of the Department

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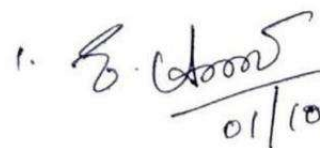
Internal Guide

Viva-voce examination held on 01-10-20

Place: Cuddalore-1

Date:

Examiner: 1.

  
01/10/20

# **STUDY OF BLUE PIGMENTS**

THESIS SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

BY

**M.PONNIVALAVAN**  
**(REGISTER NO.A17CHD34)**

Under the Guidance of

**Mr. T. ANTONY SANTHOSH, M.Sc., M.Phil.,**

Assistant Professor, Department of Chemistry



**2017 - 2020**

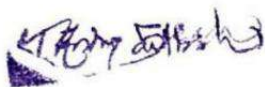
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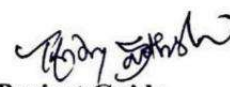
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This is to certify that the dissertation work entitled "STUDY OF BLUE PIGMENTS" is a bonafide record of work carried out by **M.PONNIVALAVAN (Register No: A17CHD34)** in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of Bachelor of Science in Chemistry under my supervision and guidance during the academic year 2019-2020.



**Head of the Department**



**Project Guide**

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUD DALORE - 607 001

Submitted for Viva-voce Examination held on 01-10-20

**Examiners:**

1. S. G. [Signature] 01/10/20



**STUDY OF BLUE PIGMENTS**

**A THESIS SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**P. POOVARASAN**

**(A17CHD35)**

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**2017-2020**

**DEPARTMENT OF CHEMISTRY**

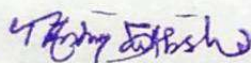
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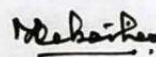
**APRIL 2020**

## CERTIFICATE

This is to certify dissertation on **STUDY OF BLUE PIGMENTS** is a Bonafide record of work done by **P. POOVARASAN (A17CHD35)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**, Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY (2017-2020)**.



Head of the department  
HEAD OF THE DEPARTMENT  
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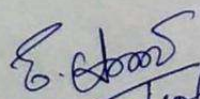
Internal Guide

Viva voice examination held on 03-10-2020

Place:

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Examiners:

1.   
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**FERMENTATION PROCESS BASED ON MOLASSES**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF

**BACHELOR OF SCIENCE IN CHEMISTRY**

BY

**S. PRAKASH RAJ**

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Under the Guidance of

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St. Joseph's college of arts and science (Autonomous)



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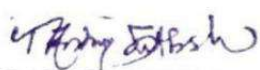
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**GUIDE**

**EXAMINER 1**

  
03/10/20

**EXAMINER 2**

Place :

Date: 03-10-2020

**A COMPARITIVE STUDY ON ALCOHOLIC  
FERMENTATION OF MOLASSES AT VARIOUS BRIX BY  
SACCHAROMYCES CEREVISIAE AND  
SCHIZOSACCHAROMYCES POMPE**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**S.PRAVEEN JOYSON**

**(Reg. No: A17CHD37)**

Under the Guidance of

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**2017-2020**

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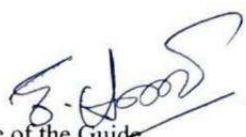
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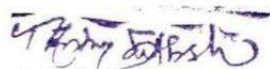
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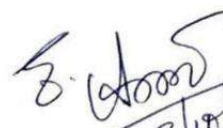
  
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**Mr. G. ANAND, M.SC., M.Phil., SET.,**

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### Signature of the examiners:

1.   
3/10/20

2.

**Place: Cuddalore-1**

**Date:**



# **SYNTHESIS AND CHARACTERIZATION OF IBUPROFEN**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**P. PREMKUMAR**

**(Reg. No: A17CHD38)**

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Assistant Professor in chemistry

St. Joseph's College of Arts and Science (Autonomous)



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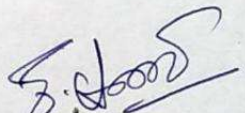
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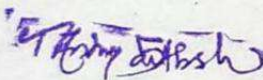
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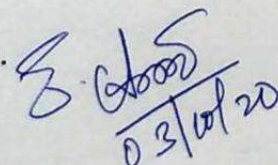
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Viva - voce examination held on 03-10-2020

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03/10/20

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Place: Cuddalore-1

Date:

# **A SUDY ON SYNTHESIS OF BLUE PLAN PIGMENT**

**A THESIS SUBMITTED TO**

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IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**A. RAJKUMAR**

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Under the guidance of

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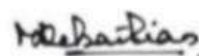
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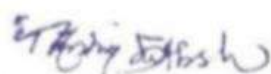
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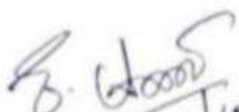
**Mr. M. SEBASTIAN MARAIANATHAN**

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CUD DALORE

Viva-voce examination held on...01-10-20

Signature of the examiners:

1.   
01/10/20

**ANALYTICAL DEVELOPMENT AND VALIDATION FOR  
OMEPRAZOLE & DOMPERIDONE IN CAPSULE DOSAGE FROM BY  
REVERSED PHASE HPLC**

A Thesis is submitted to St. Joseph's college of arts and science (Autonomous)

In partial fulfillment for the award of the

**DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY**

**SUBMITTED BY**

**S. RAJU**

**(Reg.No: A17CHD40)**

Under the Guidance of

**Mr.G. ANAND M.Sc., M.Phil., SET,**

**Assistant Professor, Department of chemistry**



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

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**Mr. G. Anand M.Sc., M.Phil., SET,**

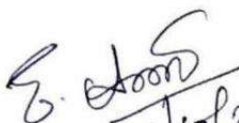
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Signature of the examiner:

1.   
2. 03/10/20



**ELECTRON AND HOLE HOPPING STUDY OF AZO  
DYES FOR DYE SENSITIZED SOLAR CELLS**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**D. K. RAMAN**

**(REGISTER NO. A17CHD41)**

Under the Guidance of

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Assistant Professor in Chemistry

St. Joseph's College of Arts and Science (Autonomous)



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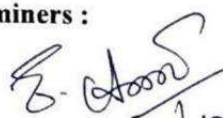
  
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Cuddalore-1

  
Internal Guide

Viva voce examination held on 03-10-2020

Examiners :

1.   
03/10/20

2.

**SYNTHESIS AND CHARACTERIZATION OF PARACETAMOL FROM NITROBENZENE**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE

AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

Submitted By

**A. RAMASAMY**

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Under the Guidance of

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Assistant Professor, Department of chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

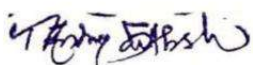
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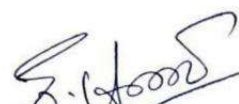
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Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

  
Internal Guide

Submitted for viva-voice examination held on 03-10-2020

Examiners:

1. 

2.

# **SYNTHESIS AND CHARACTERIZATION OF CHLORANIL**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)

In partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**R. RANJITHKUMAR**

**(Reg. No: A17CHD43)**

Under the Guidance of

**Mr. G. ANAND, M.Sc., M.Phil., SET.,**

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**2017-2020**

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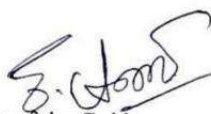
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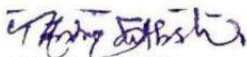
This is to certify that the dissertation report on "SYNTHESIS AND CHARACTERIZATION OF CHLORANIL" is a bonafide record of work done by the **R. RANJITHKUMAR, B.Sc., Chemistry (Reg No: A17CHD43)** under my supervision and submitted to st. Joseph's college of Arts and science (Autonomous), Cuddalore -1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of bachelor of science in chemistry.



Signature of the Guide

**Mr. G. ANAND, M.SC., M.Phil., SET.,**

### Forwarded by:



(Head of the department)

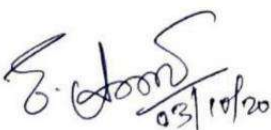
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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
Cuddalore -1

Viva-voce examination held on

03-10-2020

### Signature of the examiners:

1.

  
03/10/20

2.

Place: Cuddalore-1

Date:



# **EXTRACTION AND CHARACTERIZATION OF AZADIRACHITIN**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by  
**M. SABARIGANESH**  
**(A17CHD44)**  
Under the guidance of

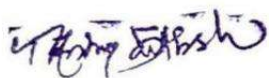
**MrM.SEBASTIAN MARIANTHAN, M.Sc., B.Ed.,M.Phil.,  
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**2017-2020  
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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
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APRIL 2020**

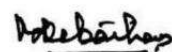
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Head of the department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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(Autonomous)  
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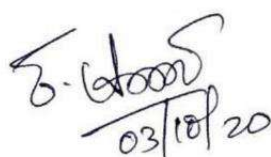
Viva voice examination held on 03-10-2020

Place:

Date:

Examiners:

1.



# **EXTRACTION AND CHARACTERIZATION OF AZADIRACHITIN**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**B.SACHIN**

**(REGISTER NO. A17CHD45)**

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**Mr. S. RICHARD RAJKUMAR, M.Sc., M.Phil.,**

Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

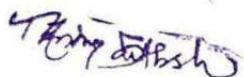
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Head of the Department

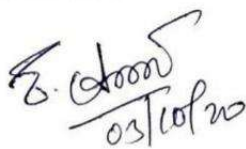
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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CUD DALORE-1  
TAMIL NADU

  
Internal Guide

Submitted for Viva – Voice Examination held on 03-10-2020

### Examiners :

1.



2.

# **EFFECT OF PHYSICAL PARAMETERS IN FERMENTATION OF MOLASSES**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by  
**S. SATHISHKMAR**  
**(A17CHD46)**  
Under the guidance of

**MrM.SEBASTIAN MARIANTHAN, M.Sc., B.Ed.,M.Phil.,**  
**ASSISTANT PROFESSOR IN CHEMISTRY**  
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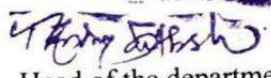
**2017-2020**  
**DEPARTMENT OF CHEMISTRY**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-**

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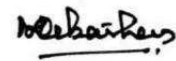
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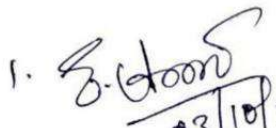
This is certified to **EFFECT OF PHYSICAL PARAMETERS IN FERMENTATION OF MOLASSES** is a Bonafide record of work done by **S. SATHISHKMAR (A17CHD46)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**, Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY (2017-2020)**.

  
Head of the department

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous),  
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Internal Guide

Viva voice examination held on 03-10-2020

1.   
03/10/20



# **EFFECT OF PHYSICAL PARAMETERS IN FERMENTATION OF MOLASSES**

A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,

In partial fulfillment of the requirement for the award of the Degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

by

**R. SATHISHRAJ**

**(Register No: A17CHD47)**

Under the Guidance of

**Mr. S. RICHARD RAJKUMAR, M.Sc., M.Phil.,**

Assistant Professor, Department of Chemistry



2017 - 2020

**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore-1,**

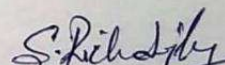
**APRIL – 2020**

# CERTIFICATE

This is to Certify that the Dissertation report on "EFFECT OF PHYSICAL PARAMETERS IN FERMENTATION OF MOLLASSES" is a bonafide record of work done by **R.SATHISHRAJ**, (Reg.No: A17CHD47) in the PG & Research Department of Chemistry, St.Joseph's College of Arts and Science, (Autonomous), Cuddalore – 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my supervision and submitted during the academic year 2019-2020.

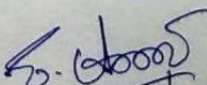
  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous),  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-voce Examination held on 02/10/2020

## Examiners:

1.   
03/10/20

2.



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu -607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : www.eidparry.com


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**CERTIFICATE**

This is to certify that Mr. R.Sathishraj (A17CHD47), Final year  
B.Sc-Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (10/02/2020 to 14/02/2020)

His attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
3/3/2020

**B.Suresh**  
**AGM - HR**



**murugappa**



# **BIODEGRADABLE PLASTIC PRODUCTIO FORM CORN STARCH**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by  
**K. SATHYANARAYANA**  
**(A17CHD48)**

Under the guidance of

**MrM.SEBASTIAN MARIANTHAN, M.Sc., B.Ed.,M.Phil.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**

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**2017-2020**

**DEPARTMENT OF CHEMISTRY**

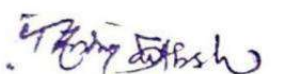
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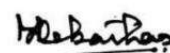
## CERTIFICATE

This is to certify dissertation on BIODEGRADABLE PLASTIC PRODUCTIO FORM  
CORN STARCH is a Bonafide record of work done by **K. ANANDHARAJ (A17CHD48)**  
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SCIENCE(AUTONOMOUS)**, Cuddalore-1, affiliated to Thiruvalluvar University, Vellore,  
in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN  
CHEMISTRY (2017-2020)**.



Head of the department

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
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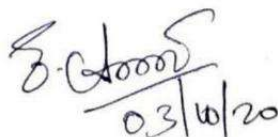
Internal Guide

Viva voice examination held on 03-10-2020

Place:

Date:

Examiners:1.

  
03/10/20

2.

# **BIODEGRADABLE PLASTIC PRODUCTION FROM CORN STARCH**

A Thesis submitted to St. Joseph's College of Arts and Science (Autonomous)  
In partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted By

**G. SELVAKUMAR**

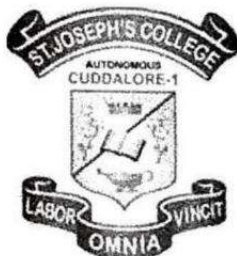
**(Reg. No: A17CHD49)**

Under the Guidance of

**Mr. S. RICHARD RAJKUMAR, M.Sc., M.Phil.,**

Assistant Professor in chemistry

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**2017-2020**

**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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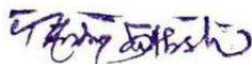
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Signature of the Guide

**Mr. S. RICHARD RAJKUMAR, M.SC., M.Phil.,**

Forwarded by:



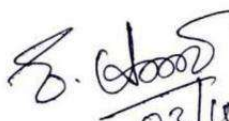
(Head of the department)

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001

Viva - voce examination held on ..03-10-2020

Signature of the examiners:

1.

  
03/10/20

2.

Place: Cuddalore-1

Date:

# **EXTRACTION AND CHARACTERIZATION OF AZADIRACHITIN**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**S. SIVA**

**(A17CHD50)**

Under the guidance of

**Mr. M. SEBASTIAN MARIANTHAN, M.Sc., B.Ed., M.Phil.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**

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**2017-2020**

**DEPARTMENT OF CHEMISTRY**

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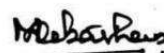
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Head of the department

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DEPARTMENT OF CHEMISTRY  
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(AUTONOMOUS)  
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Internal Guide

Viva voice examination held on 03-10-2020

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Examiners:

1.   
03/10/20



# **EXTRACTION AND CHARACTERIZATION OF AZADIRACHITIN**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**S. SRIDHAR**

**(REGISTER NO. A17CHD51)**

Under the Guidance of

**Mr. S. RICHARD RAJKUMAR, M.Sc., M.Phil.,**

Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

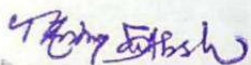
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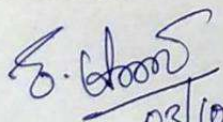
**Head of the Department**

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
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CUDDALORE - 607 001

  
**Internal Guide**

Submitted for Viva – Voice Examination held on 03-10-2020

### Examiners :

1.   
03/10/20

2.

**SYNTHESIS OF BLUE PLANT PIGMENTS FROM ROSIN AND HOSTERM BLUE**



A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**M.SUGUMAR**

(Register no: A17CHD52)

Under the guidance of

**Mr. S. RICHARD RAJKUMAR, M.sc,M.Phil,**

Asisstant Professor ,Department of Chemistry

2017 – 2020

PG & Research Department of chemistry

S tJoseph's College of Arts and Science (Autonomous)

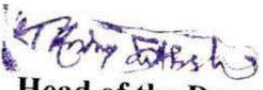
Cuddalore -1

April – 2019-20



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This is to Certify that the Dissertation work entitled **SYNTHESIS OF BLUE PLANT PIGMENTS** is a bonafide record of work carried out by **M.SUGUMAR, A17CHD52** in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore - 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.

  
**Head of the Department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous).  
CUD DALORE - 607 001

  
**Project Guide**

Submitted for Viva-voce Examination held on 03-10-2020

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1.   
03/10/20

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The Head of the Department  
Department of Chemistry  
St Joseph College of Arts & Science (Autonomous)  
Cuddalore - 607 001

CERTIFICATE

This is to certify that M. SUGUMAR (Reg No. A17CND52) who is studying  
BSc Chemistry First Year from St Joseph College of Arts & Science  
(Autonomous), Cuddalore - 607 001, under 8000 Project Work at Clariant  
Chemicals (India) Limited, Cuddalore from January 16<sup>th</sup> 2020 to January 22<sup>nd</sup>  
2020.

We wish you good luck in all your future endeavors.

For Clariant Chemicals (India) Limited,

A. Mahalingam  
Manager - Group HR Services



**A STUDY ON SYNTHESIS OF MANGANESE SALEN NANOPARTICLES AND  
CHARACTERIZATION OF MANGANESE SALEN**



**A Thesis Submitted to**

**St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1**

**In partial fulfillment for the award of the degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**D. Thiruvengadam**

**(Register No: A17CHD53)**

**Under the guidance of**

**Mr. F. PAUL AROKIADOSS, M.Sc., M.Ed., M.Phil., SET,**

**Assistant Professor, Department of Chemistry**

**2019 - 2020**

**PG & Research Department of Chemistry**

**St Joseph's College of Arts and Science (Autonomous), Cuddalore -1**

**September – 2020**



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This is to Certify that the Dissertation work entitled "A STUDY ON SYNTHESIS OF NANOPARTICLES OF MANGANESE SALEN" is a bonafide record of work carried out by **D. THIRUVENGADAM , A17CHD53** in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore – 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.



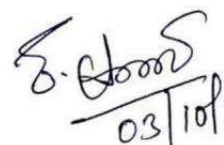
Head of the Department

  
Project Guide

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Submitted for Viva-voce Examination held on 03-10-2020

### Examiners:

1.   
03/10/20
- 2.

**PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY**



**A Thesis Submitted to**

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore -1**

**In partial fulfillment for the award of the degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**V. VASANTH**

**(Register no: A17CHD56)**

**Under the guidance of**

**Mr. F. PAUL AROKIADOSS, M.Sc., M.Ed., M.Phil., SET,**

**Assistant Professor, Department of Chemistry**

**2017 – 2020**

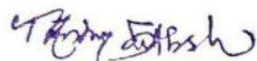
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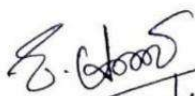
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B.Suresh  
AGM - HR



**A STUDY ON SYNTHESIS OF FERRITES ENCAPSULATED GRAPHENE IN  
POLYMER NANO COMPOSITES**

**A Thesis Submitted to**

**St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,**

**In partial fulfilment for the award of the Degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**S. VENKATESAN**

**(Register No: A17CHD57)**



**Under the Guidance of**

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**Assistant Professor, Department of Chemistry**

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**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous), Cuddalore-607 001**

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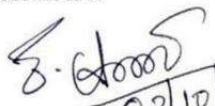
  
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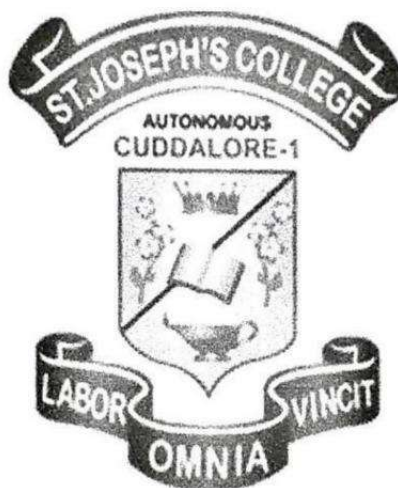


**QUANTITATIVE ANALYSIS OF PARACETAMOL AND TELMISARTAN  
TABLETS**

**A Thesis Submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,  
In partial fulfilment for the award of the Degree of  
BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**G. VENKATESH**  
*(Register No: A17CHD58)*



**Under the Guidance of  
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Assistant Professor, Department of Chemistry**

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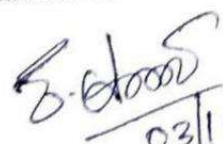
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Submitted for Viva-voce Examination held on 03-10-2020

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**ALCOHOLIC FERMENTATION OF MOLASSES BY USING FUNGI**

**A Thesis Submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,  
In partial fulfilment for the award of the Degree of  
BACHELOR OF SCIENCE IN CHEMISTRY**

*By*

**Yogesh Ramanan. R  
(Register No: A17CHD59)**



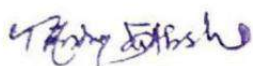
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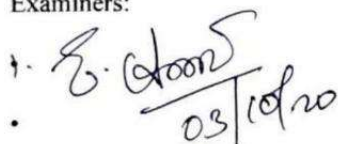


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CUD DALORE - 607 001

  
Project Guide

Submitted for Viva-voce Examination held on 03-10-2020

Examiners:

  
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# **FERMENTATION PROCESS BASED ON MOLASSES**



A Thesis Submitted to

St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1

In partial fulfillment for the award of the degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

By

**G. UDHAYA KUMAR**

(Register no: A17CHD60)

Under the guidance of

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2017 – 2020

PG & Research Department of chemistry


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Cuddalore -1

April – 2019 - 20

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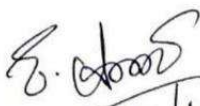
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**Head of the Department**  
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Submitted for Viva-voce Examination held on 03-10-2020

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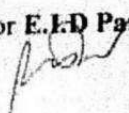
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**B.Suresh**  
**AGM - HR**



**murugappa**

**A STUDIES ON SYNTHESIS OF FERRITE ENCAPSULATED  
GRAPHENE IN NANO COMPOSITES**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**P. ELANTHIRIYAN**

**(A17CHD61)**

Under the guidance of

**Mr. M.SEBASTIAN MARIANTHAN, M.Sc., B.Ed.,M.Phil.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



**2017-2020**

**DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL 2020**

# CERTIFICATE

This is to certify dissertation on **A STUDIES ON SYNTHESIS OF FERRITE**

## **ENCAPSULATED GRAPHENE IN NANO COMPOSITES**

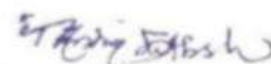
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(Signature of the Guide)

**Mr. M. SEBASTIAN MARAIANATHAN**

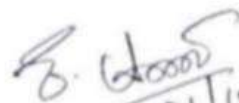
Forwarded by



(Head of the Department)  
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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
A18CHD61  
CUD DALORE - 605 001

Viva-voce examination held on...01-10-20

Signature of the examiners:

1.   
01/10/20



**Synthesis and study of "Blue Pigments" Phthalo blue, Alpha Blue and Beta Blue**

**A Thesis Submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,  
In partial fulfilment for the award of the Degree of  
BACHELOR OF SCIENCE IN CHEMISTRY**

*By*

**S. RAJAMANOGARAN**  
*(Register No: A17CHD63)*

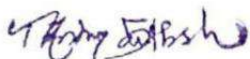


**Under the Guidance of  
Mr. F. PAUL AROKIADOSS, M.Sc., M.Ed., M.Phil., SET.  
Assistant Professor, Department of Chemistry**

**2017 - 2020  
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St. Joseph's College of Arts & Science (Autonomous), Cuddalore-607 001  
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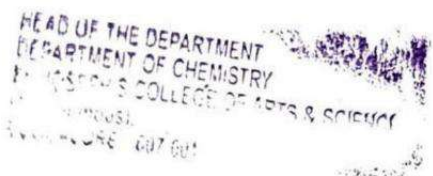
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**Head of the Department**

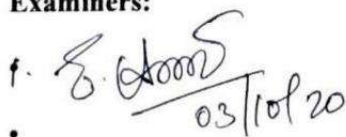


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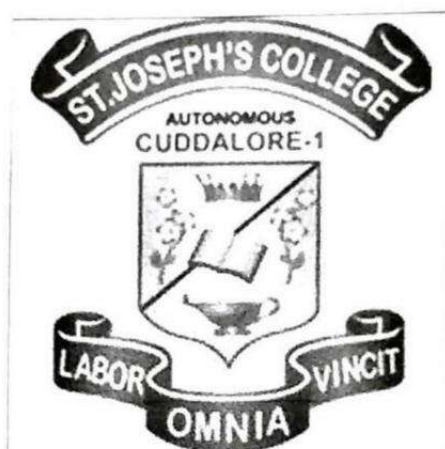
**SYNTHESIS AND CHARACTERIZATION OF PARACETAMOL  
FROM NITROBENZENE**

A Thesis Submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,  
In partial fulfilment for the award of the Degree of  
**BACHELOR OF SCIENCE IN CHEMISTRY**

*By*

**A. ARUN**

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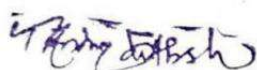


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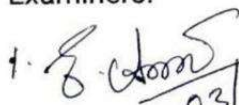
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CUDDALORE - 607 001

Submitted for Viva-voce Examination held on 03-10-2020

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03/10/20

# **MANUFACTURING OF PIGMENTS IN ALPHA BLUE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**S. ABIRAMI**

**(REGISTER NO. A17CHE01)**

Under the Guidance of

**A. Amalorpavadoss, M.Sc., B.Ed., Phil.,**  
Assistant professor, department of chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
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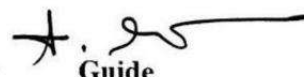
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Head of the department

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(A. AMALORPANDASS)

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Department of Chemistry  
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This is to certify that, S. ABIRAMI (Reg No: A17CHE01) who is studying BSc Chemistry Final Year from St Joseph College of Arts & Science ( Autonomous), Cuddalore - 607 001, under gone Project work at Clariant Chemicals (India) Limited, Cuddalore from January 20<sup>th</sup> 2020 to January 24<sup>th</sup> 2020.

We wish you good luck in all your future endeavors.

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Manager - Group HR Services



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# **DEMINERALISATION OF WATER**

A Thesis Submitted to St.Joseph's College Of Arts & Science (Autonomous)

In Partial fulfillment of the requirement for the Degree Of

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**AGALYA.E**

**(Reg.No:A17CHE02)**

**UNDER THE GUIDENCE OF**

**A.AMALORPAVADOSS M.Sc.,B.Ed.,M.Phil.,**

**Asst.Professor in Chemistry**



Post Graduate & Research Department of Chemistry

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**


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**CUDDALORE 607 001**


**APRIL-2020**

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Head of the department

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(A. AMALOR PAVADOS)

submitted for viva-voice examination held on: 29. 09. 20

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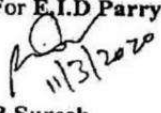
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during the period from (26/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
B.Suresh  
AGM - HR



**pH VARIATIONS IN SUGAR FACTORY EFFLUENT AND  
IT'S INFLUENCE ON SLUDGE AND  
PERFORMANCE IN ETP**

A Thesis Submitted to St. Joseph's College Of Arts & Science (Autonomous)

In Partial fulfillment of the requirement for the Degree Of

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**ALAMELU.M**

**(Reg.No:A17CHE03)**

**UNDER THE GUIDENCE OF**

**A.AMALORPAVADOSS M.Sc.,B.Ed.,M.Phil.,**

**Asst.Professor in Chemistry**



Post Graduate & Research Department of Chemistry

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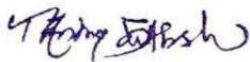
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**Head of the department**

HEAD OF THE DEPARTMENT  
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
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(A. AMALORAVAD033)

**submitted for viva-voice examination held on: 29.09.20**

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B.Sc – Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (23/12/2019 to 31/12/2019)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

*[Signature]*  
25/2/2020

B.Suresh  
AGM - HR



# **PRODUCTION OF ETHANOL FROM MOLASSES**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**T.ANITHA**

**(REGISTER NO. A17CHE04)**

Under the Guidance of

**A. AMALORPAVADOSS, M.Sc., B.Ed., Phil.,**

Assistant professor, Department of chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**


**APRIL-2020**

## CERTIFICATE

This is to certify that the dissertation entitled, "**PRODUCTION OF ETHANOL FROM MOLASSES**" is a bonafide record of work done by **T.ANITHA (A17CHE04)** under my supervision and submitted to St. Joseph's college of arts and science (Autonomous) cuddalore-1, affiliated to Thiruvalluvar University, vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

  
**Head of the department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore-1

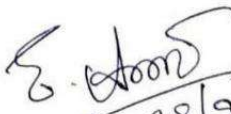
  
**Guide**

**C. A. AMAL OR PAVADASS**

submitted for viva-voice examination held on: 29.09.20

### EXAMINERS:

1.

  
29/9/20

2.

2



# **EFFLUENT TREATMENT PLANT OF SUGAR WASTEWATER**

A Thesis Submitted to St.Joseph's College of Arts & Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted

By

**R . ATCHAYA**

**(Reg.No:A17CHE05)**

UNDER THE GUIDANCE OF

**Mr.A. Amalorpavadoss M.Sc., B.Ed., M.Phil.,**

**Asst.Professor,Department of Chemistry**



**2017-2020**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

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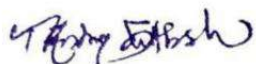
**( Affiliated To Thiruvalluvar University, Vellore )**

**CUDDALORE-607001**

**April - 2020**

## CERTIFICATE

This to certify that this mini project entitled **"EFFLUENT TREATMENT PLANT OF SUGAR WASTE WATER"** submitted to St.Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a bonafide record of work carried out by **R . ATCHAYA (Reg.No:A17CHE05)** under my guidance.



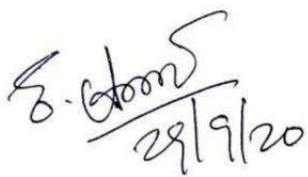
**HEAD OF THE DEPARTMENT**

  
**GUIDE**

**(A.AMALORPAVADOSS)**

### EXAMINERS:

1.

  
29/9/20

2.



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CIN : L24211tn1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

09/03/2020

**CERTIFICATE**

This is to certify that Ms. R.Atchaya (A17CHE05), Final year  
B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (30/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/3/2020

B.Suresh  
AGM - HR

  
murugappa



**A COMPARATIVE STUDY ON ALCOHOLIC FERMENTATION OF  
MOLASSES AT VARIOUS BRIX BY YEASTS SACCHAROMYCES  
CEREVISIAE AND SCHIZOSACCHAROMYCES POMPE**

A Thesis Submitted to St. Joseph's College of Arts & Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE**

**IN CHEMISTRY**

**BY**

**BANUPRIYA. N**

**(Reg.No:A17CHE06)**

**UNDER THE GUIDANCE OF**

**Mr. A. AMALORPAVADOSS M.Sc., B.Ed., M.Phil.,**

**Assistant Professor,**

**Department of Chemistry**



**2017-2020**

**PG & Research Department of Chemistry**


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**CUDDALORE 607 001**

**APRIL-2020**

## CERTIFICATE

This is to certify that this dissertation entitled "**A COMPARATIVE STUDY ON ALCOHOLIC FERMENTATION OF MOLASSES AT VARIOUS BRIX BY YEASTS SACCHAROMYCES CEREVISIAE AND SCHIZOSACCHAROMYCES POMPE**" " is a bonafide record of work done by **N. BANUPRIYA (A17CHE06)** under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

  
HEAD OF THE DEPARTMENT  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

  
PROJECT GUIDE  
CA. AMALORPADAOS

Submitted for viva-voce examination held on 29.09.20..

Examiner 1:

  
29/9/20

Examiner 2:



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.  
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24/02/2020

**CERTIFICATE**

This is to certify that Ms. N.Banu Priya (A17CHE06), Final year  
B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (23/12/2019 to 31/12/2019)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
25/2/2020

B.Suresh  
AGM - HR

  
murugappa

**A STUDY ON DETECTION OF SUCROSE IN BOILER FEED WATER**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**N. BHUVANESHWARI**

(Reg.No.A17CHE07)

Under the Guidance of

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Assistant Professor, Department of chemistry



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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated To Thiruvalluvar University, Vellore)

**CUDDALORE - 607001**

**APRIL - 2020**



## CERTIFICATE

This to certify that this mini project entitled "A STUDY ON DETECTION OF SUCROSE IN BOILER FEED WATER" submitted to St. Joseph's College of Arts and science (Autonomous) in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a bonafide record of work carried out by **N.BHUVANESHWARI (Reg.No:A17CHE07)** under my guidance for the academic Period 2017-2020.



**HEAD OF THE DEPARTMENT**

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607 004




**INTERNAL GUIDE**

**CA. AMAL ORPAVADUS**

Place: Cuddalore

Date: 29.09.20

**EXAMINERS:**

1.   
29/9/20

2.



**E.I.D. Parry (India) Limited**

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Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.

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09/03/2020

**CERTIFICATE**

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B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (26/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

*[Signature]*  
11/3/2020

B.Suresh  
AGM - HR



**SUGARCANE BAGASSE PRETREATED BY ACID AND ENZYMATIC  
HYDROLYSIS FOR PRODUCTION OF BIOETHANOL**

**A PROJECT**

**SUBMITTED FOR THE PARTIAL FULFILLMENT FOR THE AWARD OF DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

**Submitted**

**By**

**M. DEEPIKA**

**(Reg. No: A17CHE08)**

**UNDER THE GUIDANCE OF**

**Ms. B. CHRISTINA M.Sc., M.Phil., B.Ed.,**

**Assistant Professor in Chemistry**



**Post Graduate & Research Department of Chemistry  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**


**(Affiliated to Thiruvalluvar University, Vellore)**

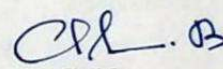
**Cuddalore -607001.**

**APRIL-2020**

## CERTIFICATE

This is to certify dissertation on **SUGARCANE BAGASSE PRETREATED BY ACID AND ENZYMATIC HYDROLYSIS FOR PRODUCTION OF BIOETHANOL** is a bonafide record of work done by **M. DEEPIKA (A17CHE08)** under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous) Cuddalore-1, affiliated to Thiruvalluvar university, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

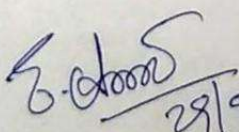
  
**Head of the department**

  
**Guide**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE 607 001

Submitted for viva-voice examination held on: 29. 09. 20

### EXAMINERS:

1.   
29/9/20
- 2.





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Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.  
CIN : L24211In1975plc006989, Website : www.eidparry.com

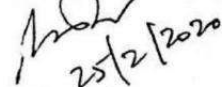
24/02/2020

**CERTIFICATE**

This is to certify that Ms. M.Deepika (A17CHE08), Final year  
B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (23/12/2019 to 31/12/2019)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
25/2/2020  
B.Suresh  
AGM - HR



# **A STUDY ON SELECTION OF DISPERSANTS FOR THE DISPERSION OF PIGMENT VIOLET 23 IN ORGANIC MEDIUM**

**A THESIS SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**M.DURGA SRI**

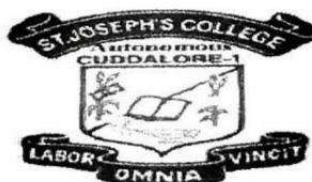
**(REGISTER NO.A17CHEO9)**

**Under the Guidance of**

**Ms.B. CHRISTINA, M.Sc., B.Ed., M.Phil.,**

**Assistant Professor,**

**PG & Research Department of Chemistry**



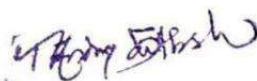
**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

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607 001**

**APRIL-2020**

## CERTIFICATE

This is to certify that this project "A STUDY ON SELECTION OF DISPERSANTS FOR THE DISPERSION OF PIGMENT VIOLET 23 IN ORGANIC MEDIUM" is a bonafide record of work done by M.DURGA SRI (A17CHE09) under my supervision and submitted to St. Joseph's college of arts & Science (Autonomous) cuddalore-1, affiliated to thiruvalluvar university, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



Head of the department

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
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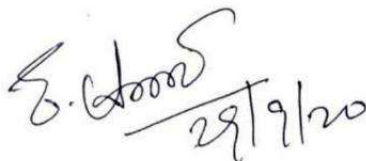


PROJECT GUIDE

Submitted for viva-voice examination held on: 29.09.20

### EXAMINERS:

1.

  
29/9/20

2.

# **STABILIZATION OF EXPANSIVE CLAY SOIL USING BAGASSE ASH AND LIME**

**A Thesis Submitted to St. Joseph's College of Arts and Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of  
BACHELOR OF CHEMISTRY**

**BY**

**M.FARKANA FARVEEN**

**(Reg. No : A17CHE10 )**

**UNDER THE GUIDANCE OF**

**Ms. B. CHRISTINA M.Sc., M.Phil.,B.Ed.,**

**Assistant Professor in Chemistry**



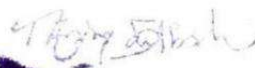
**PG & Research Department of Chemistry  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University, Vellore)  
Cuddalore - 607001.**

**APRIL-2020**



## CERTIFICATE

This is to certify dissertation on **STABILIZATION OF EXPANSIVE CLAY SOIL USING BAGASSE ASH AND LIME** is a bonafide record of work done by **M. FARKANA FARVEEN (A17CHE10)** under my supervision and submitted to St.. Joseph's college of Arts and Science (Autonomous) cuddalore-1, affiliated to Thiruvalluvar university, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

  
**Head of the department**  
HEAD OF THE DEPARTMENT  
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CUDDALORE - 607 001

  
**Guide**

submitted for viva-voice examination held on: 29.09.20

### EXAMINERS:

1.   
29/9/20
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Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/3/2020

**B.Suresh**  
**AGM - HR**



murugappa

# **A STUDY ON SYNTHESIS OF NANOPARTICLES OF ZINC OXIDE**

**A Thesis Submitted To St. Joseph's College Of Arts & Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF CHEMISTRY**

**BY**

**GAYATHRI.R**

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**Ms. B.CHRISTINA, M.Sc., M.Phil., B.Ed.,**

**Assistant Professor,**

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**2017-2020**

**PG & Research Department of Chemistry**

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**CUDDALORE 607 001**

**APRIL-2020**

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This to certify that the dissertation work entitled "A STUDY ON SYNTHESIS OF ZINC OXIDE NANOPARTICLES" is a bonafide record of work carried out by R. GAYATHRI, A17CHE11 in the PG & Rerearch Department of Chemistry, St. Joseph's College of Arts & Science , (Autonomous) Cuddalore-1, affiliated to Thiruvalluvar University , Vellore, in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.



Head of the Department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUD DALORE-1, DISTRICT - CANNIA

  
project Guide

Submitted for viva-voce Examination held on 29.09.20

### Examiners:

1.

  
29/9/20

2.



**A STUDY ON ANAEROBIC DIGESTION OF DISTILLERY  
SPENT WASH**

**A THESIS SUBMITTED FOR THE PARTIAL FULFILMENT FOR THE AWARD OF  
DEGREE OF**

**BACHELOR OF CHEMISTRY**

**By**

**K.HARINI**

**(Reg.No.A17CHE12)**

**Under the Guidance of**

**Ms. B.CHRISTINA, M.Sc.,M.Phil., B.Ed.,**

**Assistant Professor, Department of Chemistry**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)  
(Affiliated To Thiruvalluvar University, Vellore)  
CUDDALORE-607001  
APRIL - 2020**

## CERTIFICATE

This to certify that this mini project entitled "**A STUDY ON ANAEROBIC DIGESTION OF DISTILLERY SPENT WASH**" submitted to St. Joseph's College of Arts & Science (Autonomous) in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a bonafide record of work carried out by **K.HARINI (Reg.No:A17CHE12)** under my guidance for the academic period 2017-2020.

*K. Harini*

### HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT  
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous),  
CUDDALORE - 607 001

*CRB*  
INTERNAL GUIDE

Place: Cuddalore

Date: 29.09.20

### EXAMINERS:

1. *S. G. Gnanapavan*  
29/9/20

2.



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.  
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CIN : L24211tn1975plc006989, Website : www.eidparry.com

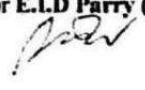
30/01/2020

**CERTIFICATE**

This is to certify that Ms.K.Harini (A17CHE12), B.Sc. - Chemistry,  
St.Joseph's College of Arts and Science (Autonomous), has undergone Inplant  
Training in E.I.D Parry (India) Limited, Nellikuppam during the period from  
(22/01/2020 to 25/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
**B.Suresh**  
**AGM - HR**

  
**murugappa**

# **A STUDY ON THE MANUFACTURING PROCESS OF ACEPHATE**



**A Thesis Submitted to**

**St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,**

**In partial fulfillment for the award of the degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**HARISHITHA.L.R**

**(Register No: A17CHE13)**

**Under the guidance of**

**Ms. B. CHRISTINA, M.Sc., M.Phil., B.Ed.,**

**Assistant Professor, Department of Chemistry**

**2017-2020**

**PG & Research Department of Chemistry**

**St. Joseph's College of Arts & Science (Autonomous),**

**Cuddalore-1,**

**APRIL-2020**



## CERTIFICATE

This is to certify that the dissertation report on A STUDY ON THE MANUFACTURING PROCESS OF ACEPHATE is a bonafide record of work done by HARISHITHA.L.R, (Reg. no: A17CHE13) under my supervision and submitted to St. Joseph's college of Arts & Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of bachelor science in chemistry during the academic year(2017-2020).



(Signature of the guide)

Ms. B. CHRISTINA M.Sc., M.Phil., B.Ed.,


Forwarded by:



(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous),  
CUDDALORE - 607 001

Signature of the examiner:

1.   
29/9/20

2.

**COPL CRIMSUN ORGANICS PRIVATE LTD**

Letter No: COPL/HRD/19-20/045

Date: 18.12.2019

To,  
The Head of the department,  
Department of Chemistry,  
St. Joseph's college of Arts and Science,  
Cuddalore.

Sub: Industrial project- Reg

With reference to the subject and on receipt of your letter. We would like to inform you about our acceptance on the said matter and hereby we welcome the below mentioned students for their project work.

1. Ms. Sanju Shree. G
2. Ms. Vijaya Priya. V
3. Ms. Sharumathi. E
4. Ms. Harishitha. L.R
5. Ms. Kanipreetha. A

  
Vimalraj

Sr. Officer - HR/Admin



Regd. Office: C-9, C-10 & C-11 SIPCOT Industrial Complex, Kudikadu, Cuddalore, Tamil Nadu - 607005  
Phone: 04142-239777. E-mail: crimsun.organics@gmail.com  
CIN: U24299TN2016PTC111396

**A STUDY ON BEHAVIOUR OF INVERT SUGAR IN  
REFINED SUGAR**

**A Thesis Submitted to St. Joseph's College of Arts & Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF CHEMISTRY**

**BY**

**JOSEPHINE SHERMILA.S**

**(Reg.No:A17CHE14)**

**UNDER THE GUIDANCE OF**

**Ms. B.CHRISTINA, M.Sc., M.Phil., B.Ed.,**

**Assistant Professor,**

**PG & Research Department of Chemistry**



**2017-2020**

**PG & Research Department of Chemistry**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE 607 001**

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This is to certify that this project "A STUDY ON BEHAVIOUR OF INVERT SUGAR IN REFINED SUGAR" is submitted to St. Joseph's college of Arts & Science(Autonomous), cuddalore .In partial fulfilment for the award of the degree of **Bachelor of Science in chemistry** is a Bonafide record of the work carried by **S. JOSEPHINE SHERMILA (A17CHE14)** for the academic year 2019-2020

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HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
St. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous).  
CUDDALORE - 607 001

PROJECT GUIDE

Submitted for viva-voce examination held on 29.09.20.

Examiner 1:

S. J. S.  
29/9/20

Examiner 2:





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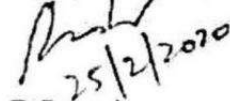
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**CERTIFICATE**

This is to certify that Ms. S. Josephine Shermila (A17CHE14), Final year  
B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (23/12/2019 to 31/12/2019)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
25/2/2020

B. Suresh  
AGM - HR



**MACRO AND MICRONUTRIENT STATUS IN SELECTED  
AGRICULTURE LAND OF CUDDALORE DISTRICT,  
TAMILNADU.**



A Thesis Submitted to

St. Joseph's College of arts and science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**JOTHIKA.J**

**(Register No: A17CHE15)**

Under the guidance of

**Mr. S. IMMANUEL, M.Sc.,M.Phil.,B.Ed.,**

Assistant Professor, Department of Chemistry

2017-2020

**PG & Research Department of Chemistry**


**St. Joseph's College of arts and science (Autonomous),**

**Cuddalore-1,**

**APRIL-2020**

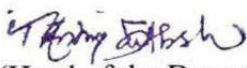
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Signature of the Guide.

Mr.S.IMMANUEL,M.Sc.,M.Phil.,B.Ed.,

Forwarded by:

  
(Head of the Department)  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
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(Autonomous),  
CUDDALORE - 607 001

Signature of the examiner:

1.

  
29/9/20

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Department of

Agriculture

Cuddalore District

Cuddalore Block

Soil Testing Laboratory, Cuddalore

**CERTIFICATE**

This is to certify that **Selvi.J.JOTHIKA (Reg No.A17CHE15)** who is studying **B.Sc. Chemistry Final Year** at **St.Joseph College of Arts & Science (Autonomous), Cuddalore - 607 001**, has carried out project work at **Soil Test Laboratory, Cuddalore** from **22.01.2020 to 29.01.2020**.

We wish good luck in future endeavors.

Assistant Director of Agriculture  
Cuddalore - 607 001.  
D.O. CODE No: AC 317





# **MANUFACTURE OF PIGMENT IN BETA BLUE**

**A Thesis Submitted to St. Joseph's College of Arts & Science (Autonomous)**

**In partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF CHEMISTRY**

**BY**

**KALAIVANI.K**

**(Reg.No: A17CHE16)**

**UNDER THE GUIDENCE OF**

**Mr.S. IMMANUEL M.Sc., B.Ed., M.Phil.,**

**Asst. Professor, department of Chemistry**



**2017-2020**

**PG & Research Department of Chemistry**

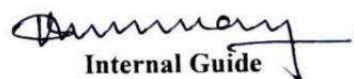
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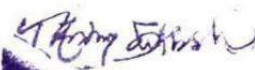
**APRIL-2020**

## CERTIFICATE

This is to certify dissertation on **MANUFACTURE OF PIGMENT IN BETA BLUE** is a bonafide record of work done by **K. KALAIVANI (A17CHE16)** under my supervision and submitted to St. Joseph's college of arts and science (Autonomous) cuddalore-1, affiliated to thiruvalluvar university, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.

  
Internal Guide

Mr.S. IMMANUEL, M.Sc., B.Ed., M.Phil.

  
**Head of the department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
submitted for viva-voice examination held on: 29.09.20

### EXAMINERS:

1.   
29/9/20

2.

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24.01.2020


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Department of Chemistry  
St Joseph College of Arts & Science (Autonomous)  
Cuddalore - 607 001

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This is to certify that, K. KALAIVANI (Reg No: A17CHE16) who is studying BSc Chemistry Final Year from St Joseph College of Arts & Science (Autonomous), Cuddalore - 607 001, under gone Project Work at Clariant Chemicals (India) Limited, Cuddalore from January 20<sup>th</sup> 2020 to January 24<sup>th</sup> 2020.

We wish you good luck in all your future endeavors.

For Clariant Chemicals (India) Limited.,

  
R. Muthusamy  
Manager - Group HR Services



Registered Office:  
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Yanam - Bolepur Road,  
Aurora, Navi Mumbai - 400 708  
India



## **PREPARATION OF FLONICAMID**

A Thesis Submitted To

St.Joseph's College Of Arts & Science (Autonomous),cuddalore-1,

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**KANIPREETHA.A**

(Register No:A17CHE17)

Under the guidance of

**Mr. S.IMMANUEL, M.Sc., B.Ed.,M. Phil.,**

Assistant Professor, Department of Chemistry



**2017-2020**

**PG & Research Department of Chemistry**

**ST.Joseph's college of arts and science (Autonomous),**

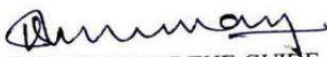
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SIGNATURE OF THE GUIDE  
**Mr. S.IMMANUEL**

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We wish all the best in her future endeavors.

For Crimsun Organics Pvt. Ltd

  
Vimalraj

Senior Officer - HR/Admin



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CIN: U24299TN2016PTC111396

**MACRO AND MICRONUTRIENT STATUS IN SELECTED  
AGRICULTURE LAND OF CUDDALORE DISTRICT,  
TAMILNADU.**

A Thesis Submitted to

St. Joseph's College of arts and science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

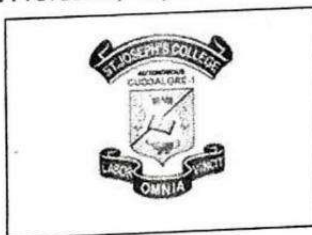
**LAVANYA.P**

**(Register No: A17CHE19)**

Under the guidance of

**Mr. S. IMMANUEL, M.Sc.,M.Phil.,B.Ed.,**

Assistant Professor, Department of Chemistry



2017-2020

**PG & Research Department of Chemistry**

**St. Joseph's College of arts and science (Autonomous),**

**Cuddalore-1,**

**APRIL-2020**

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Signature of the Guide.

Mr.S.IMMANUEL,M.Sc.,M.Phil.,B.Ed.,

Forwarded by:



(Head of the Department)

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Signature of the examiner:

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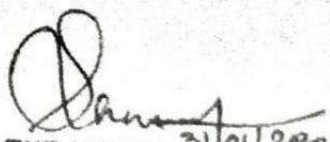
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This is to certify that , **LAVANYA.P (A17CHE19)** who is studying **B.sc chemistry** final year from **ST.JOSEPH COLLEGE OF ARTS & SCIENCE(AUTONOMOUS) CUDDALORE -607001**. Under gone project work at . **SOIL TESTING LABORATRY, AGRICULTURAL DEPARTMENT , VILLUPURAM -605602**. From **January 21 2020 to January 31 2020**.

We wish you good luck in all your future endeavors.

The Assistant Director,  
Agricultural Department ,  
Villupuram-605602.

  
21/01/2020  
THE ASSISTANT DIRECTOR  
AGRICULTURAL DEPARTMENT  
VILLUPURAM - 605 602.

**PREPARATON OF CARBOXYMETHY CELLULOSE FROM  
SUGARCANE BAGGASSE**

A Thesis Submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the degree of  
**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**S. MANJULA DEVI**

**(Reg. No. A17CHE20)**

Under the guidance of

**Mr. S. IMMANUEL M.sc., B. Ed, M.Phil.**

Asst. Professor, Department of chemistry



**2017-2020**

**PG & Research Department of Chemistry**

**St. Joseph's College of Arts and Science (Autonomous),**

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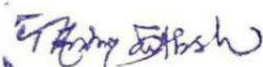
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Mr. S. IMMANUEL.

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Tel : 04142-272231, 272232, Fax : 04142-272242 & 46  
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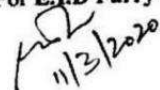
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B.Sc - Chemistry .St. Joseph's College of Arts and Science (Autonomous),  
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during the period from (26/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
B.Suresh  
AGM - HR





**MACRO AND MICRONUTRIENT STATUS IN SELECTED  
AGRICULTURE LAND OF CUDDALORE DISTRICT,  
TAMILNADU.**

A Thesis Submitted to

St. Joseph's College of arts and science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**MUGUNTHA PRIYA.M**

**(Register No: A17CHE21)**

Under the guidance of

**Mr. S. IMMANUEL, M.Sc.,M.Phil.,B.Ed.,**

Assistant Professor, Department of Chemistry



2017-2020

**PG & Research Department of Chemistry**

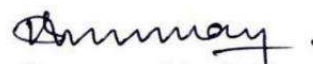
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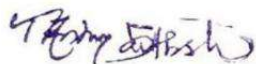
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Mr.S.IMMANUEL,M.Sc.,M.Phil.,B.Ed.,

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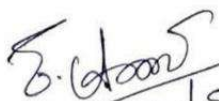


(Head of the Department)

HEAD OF THE DEPARTMENT  
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
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CUDDALORE - 607 001

Signature of the examiner:

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We wish all the best in her future endeavors.

For Crimsun Organics Pvt. Ltd

  
Vimalraj

Senior Officer – HR/Admin



Regd. Office: C-9, C-10 & C-11, SIPCOT Industrial Complex, Kudikadu, Cuddalore, Tamil Nadu - 607005.  
Phone: 04142-239777, E-mail: crimsun.organics@gmail.com  
CIN: U24299TN2016PTC111396

**SYNTHESIS AND CHARACTERIZATION OF NANOCOMPOSITE USING  
CUPRIC SULPHATE AND COBALTOUS NITRATE**



A Thesis Submitted to

St. Joseph's College of arts and science (Autonomous), Cuddalore-1,

In partial fulfillment for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**MULLAI MALAR.A**

**(Register No: A17CHE22)**

Under the guidance of

**Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.**

Assistant Professor, Department of Chemistry

2017-2020

**PG & Research Department of Chemistry**

**St. Joseph's College of arts and science (Autonomous),**

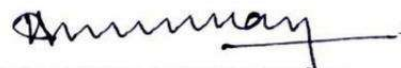
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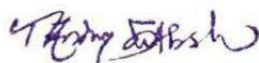
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SIGNATURE OF THE GUIDE

Mr. S. IMMANUEL, M.Sc., B.Ed., M.Phil.

Forwarded by:



(Head of the Department)

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(Autonomous),  
CUDDALORE - 607 001

Signature of the examiner:

1.   
30/9/20

2.

**Dr. C. Prahalathan, Ph.D**  
Associate Professor  
Department of Biochemistry  
Bharathidasan University  
Tiruchirappalli – 620 024  
India

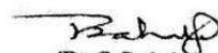


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Web : www.bdu.ac.in

21<sup>st</sup> January, 2020

**CERTIFICATE**

This is to certify that **Ms. A. Mullaimalar**, pursuing B.Sc Chemistry at St. Joseph's College of Arts and Science (Autonomous), Cuddalore, has carried out her independent project work entitled "**SYNTHESIS AND CHARACTERIZATION OF NANOCOMPOSITE USING CUPRIC SULPHATE AND COBALTOUS NITRATE**" under my supervision from 21<sup>st</sup> to 31<sup>st</sup> December 2019 at Department of Biochemistry Bharathidasan University, Tiruchirappalli-24 and the dissertation has not previously formed the basis for the award of any degree, diploma, associateship, fellowship or other similar titles.

  
(Dr. C. Prahalathan)

**PHYSIOCHEMICAL PARAMETERS IN SUGAR FACTORY  
EFFLUENT AND ITS INFLUENCE IN ETP**

A Thesis Submitted to St.Joseph's College of Arts & Science (Autonomous) in  
Partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**S . MUSTHIRI JOHN**

**(Reg.No:A17CHE23)**

Under the guidance of

**Mr.K.Vengadesan M.Sc.,M.Phil., SET(AP)**

**Assistant professor in chemistry**



**2017-2020**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

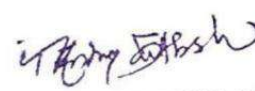
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**September - 2020**

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**PROJECT GUIDE**

  
**Forwarded by**

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(Autonomous)  
Cuddalore, Tamil Nadu

Place: Cuddalore

Date: 30.09.2020

**EXAMINERS:**

1.

  
30/9/20

2





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(09/03/2020)

CERTIFICATE

This is to certify that Ms. S.Musthiri John (A17CHE23), Final year  
B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (30/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/3/2020

**B.Suresh**  
**AGM - HR**



**PRODUCTION OF ETHANOL FROM SUGARCANE  
MOLASSES AND ITS QUALITY ANALYSIS**

**A Thesis Submitted To**

**St. Joseph's College Of Arts & Science (Autonomous)**

**in partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF CHEMISTRY**

**BY**

**P.R.NITHIASRI**

**(Reg.No:A17CHE24)**

**UNDER THE GUIDENCE OF**

**Mr. K. VENGADESAN, M.Sc., M.Phil.,**

**Assistant Professor,**

**Department of Chemistry**



**2017-2020**

**PG & Research Department of Chemistry**

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**CUDDALORE 607 001**

**APRIL-2020**

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This is to certify that this project " PRODUCTION OF ETHANOL FROM SUGARCANE MOLASSES AND ITS QUALITY ANALYSIS" is submitted to St. Joseph's college of arts & science( Autonomous),cuddalore . In partial fulfilment for the award of the degree of bachelor of science in chemistry is a Bonafide record of the work carried by P.R. NITHIASRI (A17CHE24) For the academic year 2019-2020.

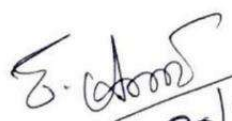
  
HEAD OF THE DEPARTMENT

  
PROJECT GUIDE

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001.

Submitted for viva-voce examination held on 30-09-2020

Examiner 1:

  
30/9/20

Examiner 2:



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CIN : L24211In1975plc006989, Website : www.eidparry.com

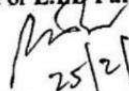
24/02/2020

**CERTIFICATE**

This is to certify that Ms. P.R.Nithia Sri (A17CHE24), Final year  
B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (23/12/2019 to 31/12/2019)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
25/2/2020  
B.Suresh  
AGM - HR





**ULTRATHIN GRAPHENE-LIKE 2D POROUS CARBON NANOSHEETS  
AND ITS EXCELLENT CAPACITANCE RETENSION FOR  
SUPERCAPACITOR**



**A Thesis Submitted to**

**St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1,**

**In partial fulfillment for the award of the degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**By**

**T.NIVEDHA**

**(Register No: A17CHE25)**

**Under the guidance of**

**Mr. K.VENGADESAN, M.Sc., M.Phil., SET(AP)**

**Assistant Professor, Department of Chemistry**

**2017-2020**

**PG & Research Department of Chemistry**

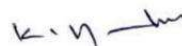
**St. Joseph's College of Arts & Science (Autonomous)**

**Cuddalore - 607001**

**September-2020**

## CERTIFICATE

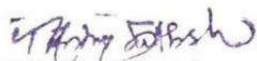
This is to certify that the dissertation report on is a bonafide record of work done by T. NIVEDHA , (Reg. no: A17CHE25) ULTRATHIN GRAPHENE-LIKE 2D POROUS CARBON NANOSHEETS AND ITS EXCELLENT CAPACITANCE RETENSION FOR SUPERCAPACITOR) under my supervision and submitted to St. Joseph's college of Arts & Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of bachelor science in chemistry during the academic year(2017-2020).



(Signature of the guide)

Mr. K.VENGADESAN, M.Sc., M.Phil., SET(AP)

Forwarded by:



(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Signature of the examiner:

1.

  
30/9/20

2.

**CHEMICAL AND MORPHOLOGICAL CHARACTERIZATION OF  
SUGARCANE BAGASSE SUBMITTED TO A DELIGNIFICATION  
PROCESS FOR ENHANCED ENZYMATIC DIGESTIBILITY**

A THESIS SUBMITTED TO

ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**V.PAVITHRA**

**(REGISTER NO.A17CHE26)**

Under the Guidance of

**Mr.K.VENGADESAN, M.Sc., M.Phil.,**

Assistant professor, department of chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

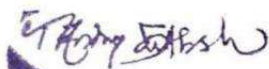
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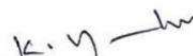
**APRIL-2020**

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This is to certify dissertation on **CHEMICAL AND MORPHOLOGICAL CHARACTERIZATION OF SUGARCANE BAGASSE SUBMITTED TO A DELIGNIFICATION PROCESS FOR ENHANCED ENZYMATIC DIGESTIBILITY** is a bonafide record of work done by **V.PAVITHRA (A17CHE26)** under my supervision and submitted to St. Joseph's college of arts and science (Autonomous) cuddalore-1, affiliated to thiruvalluvar university, Vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**



**Head of the department**

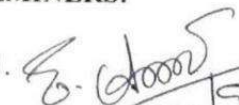


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CUDDALORE - 607 001

submitted for viva-voice examination held on: 30-09-2020

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09/03/2020

**CERTIFICATE**

This is to certify that Ms. V.Pavithra (A17CHE26), Final year  
B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (30/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/3/2020

**B.Suresh**  
**AGM - HR**

  
murugappa

**ECO FRIENDLY BIODEGRADABLE MOLDED PULP PACKAGING USING  
SUGARCANE BAGASSE**

A Thesis Submitted to St. Joseph's College of Arts & Science (Autonomous)  
in partial fulfilment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**R. POORNIMA**  
**(Reg.No. A17CHE27)**

Under The Guidance Of  
**Mr.K. Vengadesan M.Sc., M.Phil., SET (AP)**  
**Asst.Professor, Department of Chemistry**

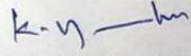


**2017-2020**

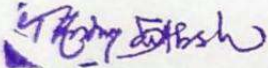
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**(Affiliated To Thiruvalluar university, vellore)**  
**CUDDALORE-607001**  
**September-2020**

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This to certify that this mini project entitled "ECO FRIENDLY BIODEGRADABLE MOLDED PULP PACKAGING USING SUGARCANE BAGASSE" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a bonafide record of work carried out by **R. POORNIMA (Reg.No: A17CHE27)** under my guidance for the academic period 2017-2020.

  
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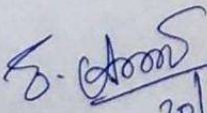
  
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HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Place: Cuddalore

Date: 30.9.2020

**EXAMINERS:**

1.   
30/9/20

2.



**E.I.D. Parry (India) Limited**

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09/03/2020

**CERTIFICATE**

This is to certify that Ms. R.Poornima (A17CHE27), Final year  
B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (30/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/3/2020

**B.Suresh**  
**AGM - HR**



**murugappa**



**SYNTHESIS AND QUALITY ASSURANCE OF  
BLUE PLANT**

**A Thesis Submitted To**

**St.Joseph's College Of Arts & Science (Autonomous)**

**in partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**S.PRADEEPA**

**(Reg.No:A17CHE28)**

**Under the guidance of**

**Mr. K. VENGADESAN, M.Sc., M.Phil.,SET(AP)**

**Assistant Professor in Chemistry**



**2017-2020**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

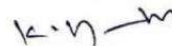
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**CUDDALORE 607 001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that this project " **SYNTHESIS AND QUALITY ASSURANCE OF BLUE PLANT**" is submitted to St. Joseph's college of arts & science (Autonomous),cuddalore . In partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a Bonafide record of the work carried by **S.PRADEEPA(A17CHE28)** For the academic year 2017-2020.

  
**GUIDE**

**Forwarded by**

  
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HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDALORE - 607 001  
Place: cuddalore

Submitted for viva-voce examination held on ...30\09\2020

Examiner 1:

Examiner 2

CLARIANT

CCR / HR / CUD / 2020

24.01.2020


The Head of the Department  
Department of Chemistry  
St. Joseph College of Arts & Science (Autonomous)  
Cuddalore - 607 001

**CERTIFICATE**

This is to certify that **S. PRATHIPA** (Reg No: A17CHE2B) who is studying  
**BSc Chemistry Final Year** from **St. Joseph College of Arts & Science**  
**(Autonomous), Cuddalore - 607 001**, under gone Project work at **Clariant**  
**Chemicals (India) Limited, Cuddalore** from **January 20<sup>th</sup> 2020 to January 24<sup>th</sup>**  
**2020.**

We wish you good luck in all your future endeavors.

For Clariant Chemicals (India) Limited.

  
**R. Muthusamy**  
Manager - Group HR Services




Authorized Office  
Clariant India Pvt. Ltd.  
Unit - Human Resources  
4th Floor, 1st Main Road, 4th Floor  
Cuddalore

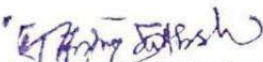


## CERTIFICATE

This is to certify that the dissertation report on **ULTRATHIN GRAPHENE-LIKE 2D POROUS CARBON NANOSHEETS AND ITS EXCELLENT CAPACITANCE RETENSION FOR SUPERCAPACITOR** is a bonafide record of work done by **G.PRIYANGA (A17CHE29)** under my supervision and submitted to St. Joseph's College of Art s & Science (Autonomous) Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

  
(Signature of the guide)

**Mr. K. VENGADESAN, M.Sc., M.Phil., SET(AP)**

  
(Head of the Department)  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous)  
CUD DALORE - 607 001

(Principal)

Signature of the examiner:

1.   
2.  30/9/20



**ULTRATHIN GRAPHENE –LIKE 2-D POROUS CARBON  
NANOSHEETS AND ITS EXCELLENT CAPACITANCE RETENSION  
FOR SUPERCAPACITOR**

**A THESIS SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**G. PRIYANGA**

**(A17CHE29)**

Under the guidance of

**Dr. S. DAVID AMALRAJ, M.Sc., M.Phil., Ph.D.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



**2017-2020**

**DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-**

**607001**

**APRIL 2020**

## CERTIFICATE

This is to certify dissertation on ULTRATHIN GRAPHENE -LIKE 2-D POROUS CARBON NANOSHEETS AND ITS EXCELLENT CAPACITANCE RETENTION FOR SUPERCAPACITOR is a Bonafide record of work done G.PRIYANGA (A17CHE29) under my supervision and submitted to ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN CHEMISTRY (2017-2020).



Signature of the Guide

Dr. S. DAVID AMAL RAJ

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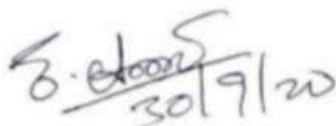
(Head of the Department)

HEAD OF THE DEPARTMENT  
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(Autonomous)  
CUDDALORE - 607 001

Viva-voce examination held on 30-09-2020

Examiners

1.



30/9/20

2.

DESIGN, SYNTHESIS AND CHARACTERIZATION OF  
PHENACYL AZIDES FROM  $\alpha$ - HALO KETONE AND SODIUM  
AZIDE

*A thesis submitted to St. Joseph's College of Arts & Science  
(Autonomous),*

*In partial fulfillment of the requirement for the award of the degree of*

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

S.RAGAVI

(Reg. No. A17CHE30)

Under the guidance of

Dr. S. DAVID AMAL RAJ. M.Sc., M.Phil., Ph.D.,

Assistant Professor of Chemistry



POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY

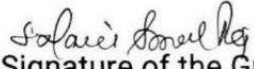
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CUDDALORE-607001


APRIL-2020

## CERTIFICATE

This is to be certify that this entitled "DESIGN, SYNTHESIS AND CHARACTERIZATION OF PHENACYL AZIDES FROM  $\alpha$ - HALO KETONE AND SODIUM AZIDE" submitted to the St. Joseph's College of Arts & Science (Autonomous) in partial fulfilment for the Award of the degree of BACHELOR OF SCIENCE IN CHEMISTRY is a bonafide record of the work carried out by S. RAGAVI (A17CHE30) under my guidance for the academic period 2017-2020.

  
Signature of the Guide  
Dr. S. DAVID AMAL RAJ

Forwarded by

  
(Head of the Department)

(Principal)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Viva-voce examination held on 30-09-2020

Examiners

1.

  
30/9/20

2.





## CERTIFICATE

This is to certify that the work entitled, "DESIGN, SYNTHESIS AND CHARACTERIZATION OF PHENACYL AZIDES FROM  $\alpha$ - HALO KETONE AND SODIUM AZIDE" has been carried out by Ms. S. RAGAVI (A17CHE30) under my supervision and guidance in fulfillment of project in BACHELOR OF SCIENCE CHEMISTRY. It is also certified that the contents of the proposal represent independent work of Ms. S. RAGAVI.

Prof. K. THARANIKKARASU

Project Supervisor

# **PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY**

A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted

BY

**R. RAMADEVI**

**(Reg. No: A17CHE31)**

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Chemistry**



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2020**

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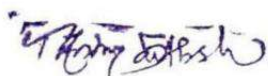
This is to certify that the thesis entitled "**PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY**" submitted to the St. Joseph's College of Arts & Science (Autonomous), cuddalore, affiliated to Thiruvalluvar university, vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a bonafide record of the work carried out by **R. RAMADEVI (A17CHE31)** under my guidance for the academic period 2017-2020.



Signature of the Guide

**Dr. S. DAVID AMAL RAJ**

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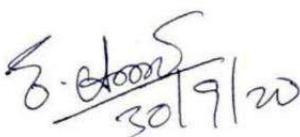
**(Head of the Department)**

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDALORE - 607 001

Viva-voce examination held on 30-09-2020

### Examiners

1.

  
30/9/20

2.



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.

CIN : L24211tn1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

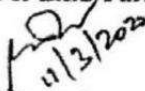
09/03/2020

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B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (26/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
B.Suresh  
AGM - HR

  
murugappa



**DETERMINATION OF RESIDUES OF METAFLUMIZONE IN CABBAGE  
TISSUES AND SOIL**

A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted

BY

**G. SANJU SHREE**

**(Reg. No: A17CHE33)**

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Chemistry**



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

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**CUDDALORE-607001**

**APRIL - 2020**

## CERTIFICATE

This is to certify that the thesis entitled  
**"DETERMINATION OF RESIDUES OF  
METAFLUMIZONE IN CABBAGE TISSUES AND  
SOIL"** submitted to the St. Joseph's College of Arts & Science  
(Autonomous), cuddalore, affiliated to Thiruvalluvar  
university, vellore, in partial fulfilment for the award of the  
degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is  
a bonafide record of the work carried out by **G. SANJU  
SHREE (A17CHE33)** under my guidance for the academic  
period 2017-2020.

*Dr. S. David Amal Raj*  
Signature of the Guide

**Dr. S. DAVID AMAL RAJ**

Forwarded by

*[Signature]*  
(Head of the Department)

HEAD OF THE DEPARTMENT  
(Principal)  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore - 607 001

Viva-voce examination held on 30-09-2020

Examiners

*[Signature]*  
30/9/20

**BIOLOGICAL AND GREEN SYNTHESIS OF SILVER NANOPARTICLES FROM  
STEM OF MUSA ACUMINATA OF PLANT EXTRACT**

A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),  
In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted

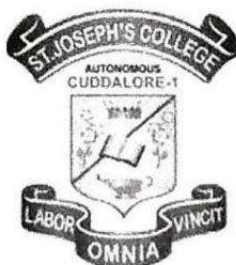
BY

**K. SARUMATHI**

(Register No: A17CHE34)

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**  
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**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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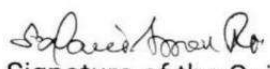
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This is to certify that the thesis entitled "BIOLOGICAL AND GREEN SYNTHESIS OF SILVER NANOPARTICLE FROM A STEM OF MUSA ACUMINATA PLANT EXTRACT" submitted to the St. Joseph's College of Arts & Science (Autonomous) in partial fulfilment for the award of the degree of BACHELOR OF SCIENCE IN CHEMISTRY is a bonafide record of the work carried out by K. SARUMATHI (Reg. No: A17CHE34) under my guidance for the academic period 2017-2020.

  
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Dr. S. DAVID AMAL RAJ


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Viva-voce examination held on 30-09-2020

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2.



<sup>2</sup>  
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**A COMPARATIVE VIEW ON ALCOHOLIC FERMENTATION  
USING DEIFFERENT CONTROL PARAMETERS IN MOLASSES**

A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),  
In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted

BY

**A.SHAMEEM FATHIMA**

**(Reg. No: A17CHE36)**

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Chemistry**



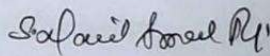
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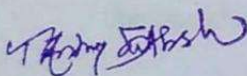
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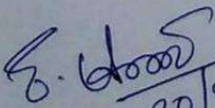
  
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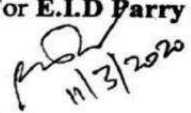
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Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
B.Suresh  
AGM - HR





# **AN ASSESSMENT OF SURFACE WATER ANALYSIS IN PERUL LAKE**

A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),  
In partial fulfillment of the requirement for the award of the degree of

## **BACHELOR OF CHEMISTRY**

Submitted

BY

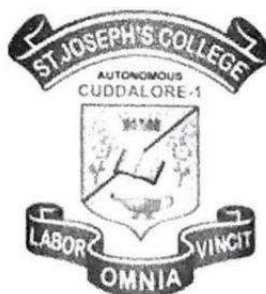
**B. SHARMILA DEVI**

**(Reg. No: A17CHE37)**

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

**Assistant Professor of Chemistry**



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*S. David Amal Raj*  
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Dr. S. DAVID AMAL RAJ

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Viva-voce examination held on 30-09-2020

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1. *[Signature]*  
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NO.3/1/CC/PWRO/2020

Dated:26/01/2020

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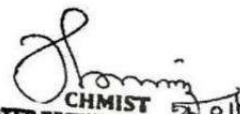
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We wish you good luck in all your future endeavors.

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WATER TESTING LABORATORY  
P.W.R.O. PUDUCHERRY

**PHYTOCHEMICAL SCREENING ANALYSIS OF  
PHYLLANTHUS NIRURI**

A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),

In partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted

BY

**A.SHIVANI**

**(REGISTER NO: A17CHE38)**

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Chemistry

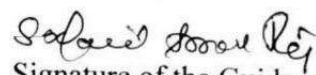


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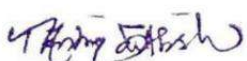
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Viva-voce examination held on 30-09-2020

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# **CHEMICAL STUDIES OF PRESSMUD**

**A Thesis submitted to St. Joseph's College of Arts & Science  
(Autonomous) in partial fulfillment of the requirement for  
For the award of the degree of BACHELOR OF CHEMISTRY**

By

**S.SINDHU KAVI**

**(Reg. No. A17CHE39)**

Under the Guidance of

**Mr. S. ALBERT NIKSON, M.Sc., M.Phil., SET.,**

**Assistant Professor, Department of Chemistry**



**2017-2020**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

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Head of the department

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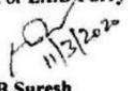
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For E.I.D Parry (India) Limited,

  
B.Suresh  
AGM - HR

  
murugappa

**AN ASSESSMENT OF SURFACE WATER ANALYSIS IN GADILAM  
RIVER**

**A Thesis submitted to St. Joseph's College of Arts & Science  
( Autonomous) in partial fulfillment of the requirement for  
For the award of the degree of BACHELOR OF CHEMISTRY**

**By**

**C. SOUNDARYA**

**(Reg. No: A17CHE40)**

**Under the Guidance of**

**Mr. S. ALBERT NIKSON , M.Sc., M.Phil., SET.,**

**Assistant Professor, Department of Chemistry**



**2017-2020**

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P.W.R.O. PUDUCHERRY

**THE STUDY OF SYNTHESIS AND SPECTRAL CHARACTERISTIC OF  
HETEROCYCLIC COMPOUNDS**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**S. SOWMIYA**

**(REGISTER NO. A17CHE41)**

Under the Guidance of

**Mr. S. ALBERT NIKSON, M.Sc., M.Phil., SET.,**

Assistant Professor, Department of Chemistry



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**Head of the Department**

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Submitted for Viva – Voice Examination held on 30-09-2020

**Examiners :**

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30/9/20
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# **PHOSPHATE ROCK**

**A Thesis submitted to St. Joseph's College of Arts & Science  
(Autonomous) in partial fulfillment of the requirement for  
For the award of the degree of BACHELOR OF CHEMISTRY**

By

**K. SUBASHINI**

**(Reg. No: A17CHE42)**

Under the Guidance of

**Mr. S. ALBERT NIKSON, M.Sc., M.Phil., SET.,**

**Assistant Professor, Department of Chemistry**



**2017-2020**

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Viva-voce examination held on- 30-09-2020

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27.01.2020

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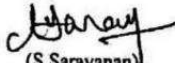
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Cuddalore - 607001.

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This is to certify that K.SUBASHINI (Reg No: A17CHE42) who is studying BSC Chemistry Final Year from St Joseph College of Arts & Science (Autonomous), Cuddalore - 607001, under Gone Project Work at Altus Alumina Specialty Private Limited Cuddalore from January 27<sup>th</sup> 2020 To January 30<sup>th</sup> 2020.

We wish you good luck in all your future endeavors.

For Altus Alumina Specialty Private Limited,

  
(S.Saravanan)

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Ph : +91 44 4005 5555 Fax : +91 44 2815 7890 Info@archeangroup.com www.archeangroup.com  
Factory : No. 12, SIPCOT Industrial Complex, Phase - II, Semmankuppam, Cuddalore - 607 005.  
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# **Processing of refined sugar from raw sugar and its Quality analysis**

**A Thesis Submitted To St.Joseph's College Of Arts & Science (Autonomous)  
in partial fulfillment of the requirement for the award of the degree of**

**BACHELOR OF CHEMISTRY**

**BY**

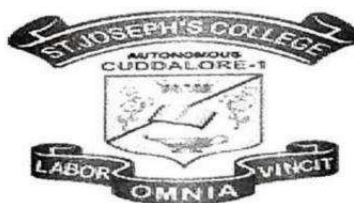
**SUDHASHREE.M**

**(Reg.No:A17CHE43)**

**UNDER THE GUIDENCE OF**

**Mr. S. ALBERT NIKSON M.Sc., M. Phil., SET,**

**Assistant Professor, Department of Chemistry**



**2017-2020**

**PG & Research Department of Chemistry**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**


**CUDDALORE 607 001**

**APRIL-2020**



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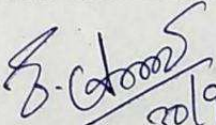
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Submitted for viva-voce examination held on 30.09.2020

Examiner 1:

  
30/9/20

Examiner 2:



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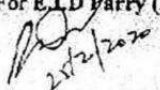
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B.Sc - Chemistry, St. Joseph's College of Arts and Science (Autonomous),  
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during the period from (23/12/2019 to 31/12/2019)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
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AGM - HR

  
murugappa

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**MANUFACTURE OF SUGAR AND  
VERMICOMPOSTING OF PRESSMUD IN SUGARCANE**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF  
BACHELOR OF SCIENCE IN CHEMISTRY**

**BY**

**G. VALARMATHI**

**(Reg.No:A17CHE45)**

**Under the Guidance of**

**Mr. S. ALBERT NIKSON, M.Sc., M.Phil., SET,**

**Assistant Professor, Department of Chemistry**



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

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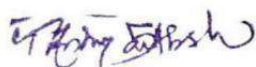
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Signature of the guide

Mr. S. ALBERT NIKSON, M.Sc., M.Phil., SET,

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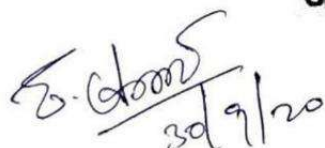
Head of the department

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(Autonomous)  
CUDDALORE - 607 001

Vivo voce examination held on 30-09-2020

Signature of the examiners

1.



30/9/20

2.

Place: cuddalore - 1

Date:



**VERMICOMPOSTING OF PRESSMUD FROM SUGAR  
INDUSTRY WASTE**

A Thesis Submitted to St. Joseph's College of Arts & Science (Autonomous) in  
partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**M . SWATHY**  
**(Reg.No:A17CHE44)**

Under the guidance of  
**Mr.S. Albert Nikson M.Sc.,M.Phil.,SET.,**  
**Assistant professor in chemistry**



**2017-2020**

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**April - 2020**

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HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore - 607 001

Place: Cuddalore

Date: 30-09-2020

### EXAMINERS:

1.   
30/9/20
- 2.



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105.  
Tel : 04142-272231, 272232, Fax : 04142-272242 & 46  
Regd. Office : "Dare House", 234, N.S.C. Bose Road, Chennai - 600 001, India.  
CIN : L24211In1975plc006989, Website : www.eidparry.com

09/03/2020

**CERTIFICATE**

This is to certify that Ms. M.Swathy (A17CHE44), Final year  
B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (30/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/2/2020

**B.Suresh**  
**AGM - HR**



murugappa

**PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM  
IN SUGAR INDUSTRY**

A Thesis Submitted to St. Joseph's College of Arts & Science  
(Autonomous) in partial fulfillment of the requirement for the award  
of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**R. VASUKI**

**(Reg.No.A17CHE46)**

Under The Guidance Of

**Dr. C. Adaikalaraj M.Sc., M.Phil., Ph.D.,**

**Asst. Professor, Department of Chemistry**



**2017-2020**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

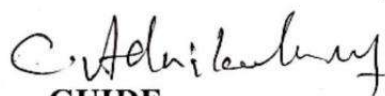
**April - 2020**



## CERTIFICATE

This to certify that this mini project entitled "PERFORMANCE OF FILTRATE CLARIFICATION SYSTEM IN SUGAR INDUSTRY" submitted to St. Joseph's College of Arts and Science (Autonomous) in partial fulfillment for the award of the Degree of BACHELOR OF SCIENCE IN CHEMISTRY is a bonafide record of work carried out by R. VASUKI (Reg.No:A17CHE46) under my guidance for the academic period 2017-2020.

  
HEAD OF THE DEPARTMENT

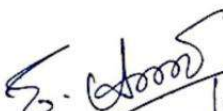
  
GUIDE

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Place: Cuddalore

Date: 30-09-2020

### EXAMINERS:

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30/9/20

2.



**E.I.D. Parry (India) Limited**

Nellikuppam, Cuddalore District, Tamil Nadu - 607 105

Tel : 04142-272231, 272232, Fax : 04142-272242 & 46

Regd. Office : "Dare House", 234, N S C Bose Road, Chennai - 600 001, India.

CIN : 124211n1975plc006989, Website : [www.eidparry.com](http://www.eidparry.com)

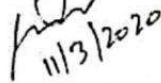
09/03/2020

**CERTIFICATE**

This is to certify that Ms. R.Vasuki (A17CHE46), Final year  
B.Sc - Chemistry ,St. Joseph's College of Arts and Science (Autonomous),  
has undergone Project work in E.I.D Parry (India) Limited, Nellikuppam  
during the period from (30/12/2019 to 03/01/2020)

Her attendance and conduct during this period were found to be good

For E.I.D Parry (India) Limited,

  
11/3/2020

**B.Suresh**  
**AGM - HR**

  
**murugappa**

# **SYNTHESIS AND CHARACTERISATION OF IMIDACLOPRID**

Thesis submitted to St.Joseph's College of Arts and Science, (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**VIJAYA PRIYA .V**

(Reg.No: A17CHE47)

Under the Guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph. D.,**

Asst. Prof. in Chemistry

St.Joseph's College of Arts and Science, (Autonomous)

Cuddalore – 607001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001.**

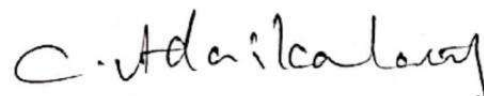
**APRIL – 2020**

## CERTIFICATE

This is to certify that the Dissertation on "SYNTHESIS AND CHARACTERISATION OF IMIDACLOPRID" is a bonafide record of work done by V. VIJAYA PRIYA, A17CHE47 under my supervision and submitted to St. Joseph's College of Arts and Science, (Autonomous) Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN CHEMISTRY.



**HEAD OF THE DEPARTMENT**



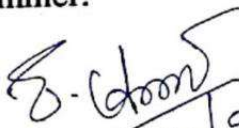
**GUIDE**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Place: Cuddalore

Date: 30-09-2020

Examiner:

1.   
30/9/20





**CRIMSUN ORGANICS PRIVATE LTD**

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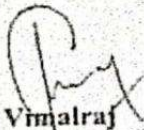
28.12.2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.V. Vijaya Priya Final Year B.sc(Chemistry) student of St. Joseph College College, Cuddalore had done her academic project on Imidachloprid at our factory from 21.12.2019 To 28.12.2019 as a part of her academic curriculum.

We wish all the best in her future endeavors.

For Crimsun Organics Pvt. Ltd

  
Vimalraj

Senior Officer – HR/Admin



Regd. Office: C-9, C-10 & C-11, SIPCOT Industrial Complex, Kudikadu, Cuddalore, Tamil Nadu - 607005.  
Phone: 04142-239777. E-mail: crimsun.organics@gmail.com  
CIN:U24299TN2016PTC111396

# **METHODS AND APPLICATIONS OF WASTEWATER TREATMENT**

A THESIS SUBMITTED TO

ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**S.VIMALA**

**(REGISTER NO.A17CHE48)**

Under the Guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,**

Assistant professor, department of chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

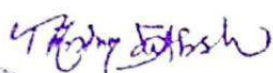
**CUDDALORE-607 001**

**APRIL-2020**



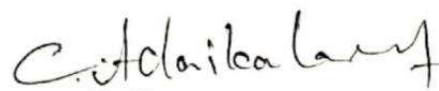
## CERTIFICATE

This is to certify dissertation on **METHODS AND APPLICATIONS OF WASTE WATER TREATMENT** is a bonafide record of work done by **S.VIMALA (A17CHE48)** under my supervision and submitted to St. Joseph's college of arts and science (Autonomous) cuddalore-1, affiliated to thiruvalluvar university, vellore, in partial fulfilment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



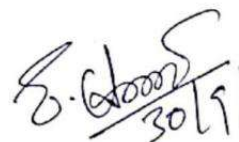
**Head of the department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS),  
CUDDALORE - 607 001

  
**Guide**

submitted for viva-voice examination held on: 30-09-2020

### EXAMINERS:

1.   
30/9/20

2.

CLARIANT CHEMICALS (INDIA) LTD.

Kudikadu, Sipcot Post  
Cuddalore - 607 003  
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CIN: L24110MH1956PLC010R06  
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CCIL / HR / CUD / 2020

24.01.2020


The Head of the Department  
Department of Chemistry  
St Joseph College of Arts & Science ( Autonomous)  
Cuddalore - 607 001

**CERTIFICATE**

This is to certify that, **S. VIMALA** ( Reg No: A17CHE48 ) who is studying **BSc Chemistry Final Year** from **St Joseph College of Arts & Science ( Autonomous), Cuddalore - 607 001**, under gone Project Work at **Clariant Chemicals (India) Limited, Cuddalore** from **January 20<sup>th</sup> 2020 to January 24<sup>th</sup> 2020**.

We wish you good luck in all your future endeavors.

For Clariant Chemicals ( India) Limited

  
**R. Muthusamy**  
Manager - Group HR Services



Registered Office:  
Reliable Tech Park  
Thane - Belapur Road,  
Airoli, Navi Mumbai - 400 708  
India





# **THE STUDY OF SYNTHESIS AND SPECTRAL CHARACTERISTIC OF HETEROCYCLIC COMPOUNDS**

A THESIS SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

By

**V.YUVASRI**

**(REGISTER NO.A17CHE50)**

Under the Guidance of

**Dr. C. ADAIKALARAJ , M.Sc ., M.Phil., Ph.d.,**

Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

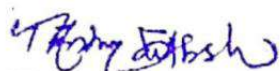
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**APRIL - 2020**

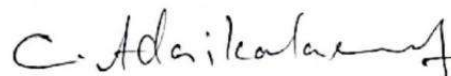
# CERTIFICATE

This is to Certify Dissertation **THE STUDY OF SYNTHESIS AND SPECTRAL CHARACTERISTIC OF HETEROCYCLIC COMPOUNDS** onis a bonafide record of workdone by **V.YUVASRI, A17CHE50** under my supervision and submitted to St.Joseph's College of Arts & Science (Autonomous), Cuddalore-1 , Affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **BACHELOR OF SCIENCE IN CHEMISTRY**.



**Head of the Department**

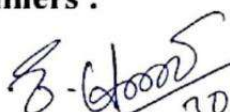
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous).  
CUDDALORE - 607 001



**Internal Guide**

Submitted for Viva – Voice Examination held on 30-09-2020

**Examiners :**

1.  30/9/20

2.

# **SYNTHESIS AND CHARACTERISATION OF ACETAMIPRID**

Thesis submitted to St.Joseph's College of Arts and Science, (Autonomous)

In partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF SCIENCE IN CHEMISTRY**

By

**SHARUMATHIE**

**(Reg.No: A17CHE51)**

Under the Guidance of

**Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph. D.,**

Asst. Prof. in Chemistry

St.Joseph's College of Arts and Science, (Autonomous)

Cuddalore – 607001.



**POST GRADUATE & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE – 607001.**

**APRIL – 2020**

# CERTIFICATE

This is to certify that the Dissertation on "SYNTHESIS AND CHARACTERISATION OF ACETAMIPRID" is a bonafide record of work done by E.SHARUMATHI, A17CHE51 under my supervision and submitted to St.Joseph's College of Arts and Science, (Autonomous) Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of BACHELOR OF SCIENCE IN CHEMISTRY.

*E. Sharumathi*

HEAD OF THE DEPARTMENT

*C. Adailcalan*  
GUIDE

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

Place: Cuddalore

Date: 30-09-2020

Examiner:

1. *E. Sharumathi* 30/9/20

2.



**A STUDY ON CENTRIFUGING PROCESS IN MANUFACTURE OF  
SUGAR**

**A THESIS SUBMITTED FOR THE PARTIAL FULFILMENT FOR THE AWARD  
OF DEGREE OF  
BACHELOR OF CHEMISTRY**

By

**A.SANDHIYA**

**(Reg.No.A17CHE52)**

Under the Guidance of

**Dr.C.ADAIKALARAJ, M.Sc.,M.Phil., Ph.D.,**

**Assistant Professor, Department of Chemistry**

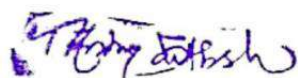


**PG & RESEARCH DEPARTMENT OF CHEMISTRY ST.JOSEPH'S  
COLLEGE OF ARTS AND SCIENCE AUTONOMOUS)  
(Affiliated To Thiruvalluvar University, Vellore) CUDDALORE-607001**

**APRIL - 2020**

## CERTIFICATE

This to certify that this mini project entitled "A STUDY ON CENTRIFUGING PROCESS IN MANUFACTURE OF SUGAR" submitted to St. Joseph's College of Arts & Science (Autonomous) in partial fulfilment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY** is a bonafide record of work carried out by **A.SANDHIYA (Reg.No:A17CHE52)** under my guidance for the academic period 2017- 2020.



**HEAD OF THE DEPARTMENT**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607 001



**INTERNAL GUIDE**

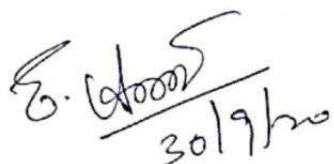
Place: 30-09-2020

Cuddalore

Date:

**EXAMINERS:**

1.



30/9/20

2.

**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-ETHYLPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-  
1,3-OXAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**K. ABIRAMI  
(REGISTER NO: A18MCH01)**

Under the Guidance of

**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

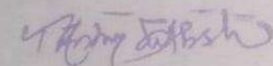
**SEPTEMBER 2020**



**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on **"SYNTHESIS AND CHARACTERIZATION OF NOVEL 6-(4-ETHYLPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-1,3-OXAZIN-2-AMINE"** is a bonafide record of work done by **K. ABIRAMI (A18MCH01)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**



**Head of the Department**

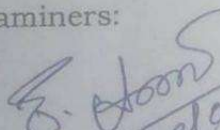
**Project Guide**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous),  
CUDDALORE - 607 001

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

1.

  
28/9/20

2.



**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-ETHOXYPHENYL)-4-(4-MORPHOLINOPHENYL)-  
2H-1,3-OXAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**A. ANUPRIYA  
(REGISTER NO: A18MCH03)**

Under the Guidance of

**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



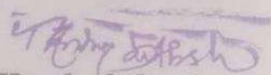
**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**SEPTEMBER 2020**

**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

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**Head of the Department**

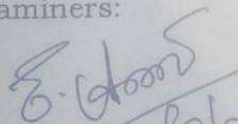
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUDDALORE - 1  
607001

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

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28/9/20

2.



**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-ISOPROPYLPHENYL)-4-(4-MORPHOLINOPHENYL)-  
2H-1,3-OXAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**ARYA C.S.  
(REGISTER NO: A18MCH04)**

Under the Guidance of

**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



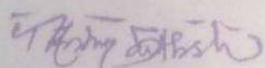
**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**SEPTEMBER 2020**

**Dr. V. PERIYANAYAGASAMY, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on "**SYNTHESIS AND CHARACTERIZATION OF NOVEL 6-(4-ISOPROPYLPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-1,3-OXAZIN-2-AMINE**" is a bonafide record of work done by **ARYA C.S. (A18MCH04)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**



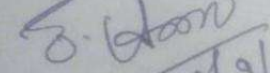
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

**Project Guide**

Submitted for Viva-Voce Examination held on 28/9/20

Examiners:

1.   
28/9/20

2.



**INTERMEDIATE SYNTHESIS OF THEOBROMINE BY  
GREENING PROCESS IN PHARMACEUTICAL INDUSTRY**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF**

**MASTER OF SCIENCE IN CHEMISTRY**

**By**

**N. BALAJI  
(A18MCH05)**

**Under the guidance of**

**Mr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil.,**



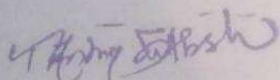
**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
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(AUTONOMOUS)**

**CUDDALORE - 607001**

**APRIL 2020**

# C E R T I F I C A T E

This is to certify that the Dissertation entitled "INDERMEDIATE SYNTHESIS OF THEOBROMINE BY GREENING PROCESS PHARMACEUTICAL INDUSTRY" is a bonafide record of work done by N.BALAJI (A18MCH05) under my supervision and submitted to St.Joseph's College of Arts & Science (Autonomous),cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN CHEMISTRY.**



HEAD OF THE DEPARTMENT

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore - 607 001



INTERNAL GUIDE

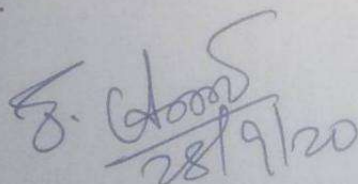
(MR.A.AMALORPAVADOSS)

Place : Cuddalore

Date : 28-09-2020

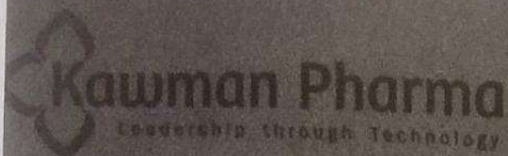
Examiners:

1.

  
28/9/20

2





## Kawman Pharma

A Division of K. P. MANISH GLOBAL INGREDIENTS PVT. LTD.  
Plot No. B-2, Spicat Indl. Complex, Kudikadu,  
Cuddalore-607005 T: 04142-239239/656  
CIN No: U24297TN2007PTC065205

Date: 09.06.2020

To Whom So Ever it May Concern

This is to certify that Mr.N.Balaji (Reg No: A18MCH05) student of St.Joseph's College, Cuddalore has completed his IN PLANT TRAINING successfully in R&D department with our Organisation for the partial fulfillment of his M.Sc (Chemistry) degree for a period starting from 05.02.2020 to 13.03.2020.

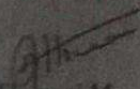
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We wish him all the best in his future endeavors.

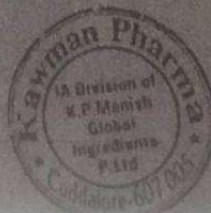
Yours Sincerely

For KAWMAN PHARMA

(A Division of K.P. Manish Global Ingredients Pvt. Ltd)

  
Thirani M

Assistant Manager - IIR & Admin



**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-(METHYLTHIO)PHENYL)-4-(4-  
MORPHOLINOPHENYL)-2H-1,3-OXAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**M. BHANU  
(REGISTER NO: A18MCH06)**

Under the Guidance of

**Mr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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CUDDALORE - 607001**

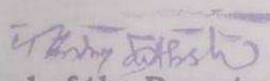
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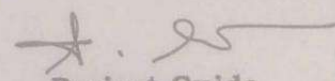
**Mr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on "**SYNTHESIS AND CHARACTERIZATION OF NOVEL 6-(4-(METHYLTHIO)PHENYL)-4-(4-MORPHOLINOPHENYL)-2H-1,3-OXAZIN-2-AMINE**" is a bonafide record of work done by **M. BHANU (A18MCH06)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**

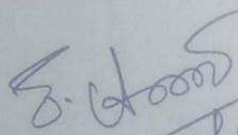
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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

1.

  
28/9/20

2.

**SYNTHESIS OF 4-CYANO BENZOIC ACID FROM  
4-METHYL BENZO NITRILE**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF  
THE DEGREE OF**

**MASTER OF SCIENCE IN CHEMISTRY**

**By**

**J. DHANASEKAR  
(A18MCH07)**

**Under the guidance of**

**Mr. A. AMALORPAVADOSS, M.Sc., B.Ed., M.Phil.,**

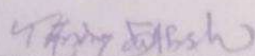


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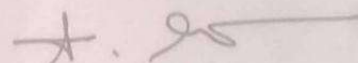


# C E R T I F I C A T E

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HEAD OF THE DEPARTMENT

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DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUDDALORE - 607 001

  
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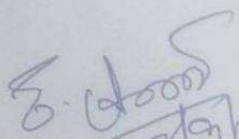
(Mr. A. AMALORPAVADOSS)

Place : Cuddalore

Date : 28-07-2020

Examiners:

1.

  
28/7/20

2.

**SYNTHESIS AND SPECTRAL ANALYSIS OF ETHYL 4-(2-HYDROXYPHENYL)-6-METHYL-2-OXO-TETRAHYDROPYRIMIDINE-5-CARBOXYLATE**



A Thesis submitted to

St. Joseph's College of Arts and science (Autonomous), Cuddalore-607001,

In partial fulfillment for the award of the Degree of

**MASTER OF SCIENCE IN CHEMISTRY**

By

**HEMALATHA.S**

(Reg.no:A18MCH08)

Under the guidance of

**Mr.T.ANTONY SANDOSH, M.Sc.,M.Phil.,**

**HEAD OF THE DEPARTMENT, Department of chemistry**

**2018-2020**

**PG & RESEARCH DEPARTMENT OF CHEMISTRY**

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**





## Kawman Pharma

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Cuddalore 607005 T : 04142-239239/656  
CIN No: U24297TN2007PTC065205

Date: 09.06.2020

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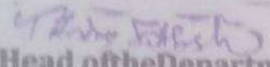
Tharani.M  
Assistant Manager – HR & Admin



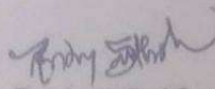
Regd/ Office # 41 Raghunayakulu St., Park Town, Chennai - 3.  
Tel: +91 44 44212345 E: info@kawman.com W: www.kawman.com

# CERTIFICATE

This is to certify that the dissertation work entitled  
"SYNTHESIS AND SPECTRAL ANALYSIS OF ETHYL 4-(2-HYDROXYPHENYL)-6-METHYL-2-OXO-TETRAHYDROPYRIMIDINE-5-CARBOXYLATE" is a bonafide record of work carried out by  
S.HEMALATHA , A18MCH08 in the PG & Research Department of chemistry,  
St.Joseph's College of Arts and Science, (Autonomous) Cuddalore - 1, affiliated to  
Thiruvalluvar university, Vellore, in partial fulfillment for the award of the Degree  
of Master of Science in Chemistry under my personal supervision and Guidance  
during the academic year 2019-2020.

  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(AUTONOMOUS)  
CUD DALORE - 607 001

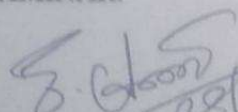
  
**Project Guide**

Submitted for Viva-voce Examination held on 28-09-2020

EXAMINAR:

1.

2.

  
28/9/20



**SYNTHESIS AND SPECTRAL ANALYSIS OF ETHYL 4-(4-CHLORO-2-HYDROXYPHENYL)-6-METHYL-2-OXOHYDROXYRIMIDINE-5-CARBOXYLATE**



A Thesis submitted to

St. Joseph's college of Arts and Science (Autonomous), Cuddalore-1,

In partial fulfilment for the award of the degree of

**MASTER OF SCIENCE IN CHEMISTRY**

By

**ISWARYA. S**

(Reg. No : A18MCH09)

Under the guidance of

**Mr. T. ANTONY SANDOSH, M.Sc., M.Phil.,**

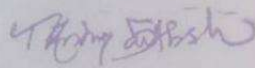
**HEAD OF THE DEPARTMENT, Department of chemistry**

**PG & Research Department of chemistry**

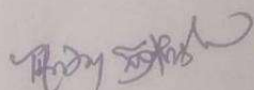
**St. Joseph's college of Arts & Science (Autonomous), Cuddalore – 607001.**

## CERTIFICATE

This is to certify that the dissertation work entitled "SYNTHESIS AND SPECTRAL ANALYSIS OF ETHYL 4-(4-CHLORO - 2 - HYDROXYPHENYL)-6-METHYL-2-OXOHYDROXYPYRIMIDINE-5-CARBOXYLATE " is a bonafide record of work carried out by S. ISWARYA, A18MCH09 in the PG & Research department of chemistry, St. Joseph's college of Arts & Science , (Autonomous )Cuddalore -1 , affiliated to Thiruvalluvar university, vellore , in partial fulfilment for the award of the Degree of Master of Science in chemistry under my personal supervision and Guidance during the academic year 2019 – 2020.

  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE

  
**Project Guide**

Submitted for viva-voce Examination held on 28-09-2020

**Examiners :**

1.   
28/9/20

2.



**SYNTHESIS AND SPECTRAL ANALYSIS OF ETHYL 4-(5-BROMO - 2 -  
HYDROXYPHENYL)-6-METHYL-2-OXOHYDROXYRIMIDINE-5-  
CARBOXYLATE**

**A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**G. JAYAPRABHA**

**REG.NO: A18MCH10**

**Under the guidance of**

**Mr. T. ANTONY SANDOSH, M.Sc., M.Phil.,**

**HEAD OF THE DEPARTMENT, Department of chemistry**

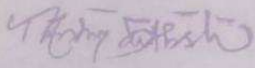


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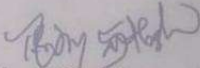
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CUDDALORE -607001 . (APRIL - 2020)**

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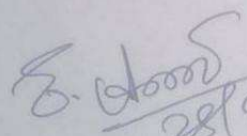
  
Head of the Department

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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE

  
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Submitted for viva-voce Examination held on 28-09-2020  
CUD DALORE 607 001

Examiners :

1.   
28/9/20
- 2.



**$\text{InCl}_3$ -CATALYST ECO-FRIENDLY APPROACH FOR SYNTHESIS OF  
MULTISUBSTITUTED N-FUSED 1,4-DIHYDROPYRIDINE DERIVATIVE  
VIA MICHAEL ADDITION REACTION**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**K. KUMARESAN  
(REGISTER NO: A18MCH11)**

Under the Guidance of

**Mr. G. ANAND, M.Sc., M.Phil., SET.**  
Assistant Professor, Department of Chemistry



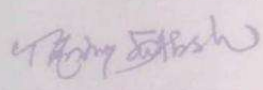
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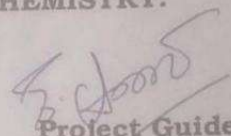
**Mr. G. ANAND, M.Sc., M.Phil., SET,**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on "**INCL<sub>3</sub>-CATALYST ECO-FRIENDLY APPROACH FOR SYNTHESIS OF MULTISUBSTITUTED N-FUSED 1,4-DIHYDROPYRIDINE DERIVATIVE VIA MICHAEL ADDITION REACTION**" is a bonafide record of work done by **K. KUMARESAN, (A18MCH11)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1,** Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**

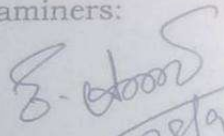
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ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
CUDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

1.

  
28/9/20

2.



# IMPORTANCE OF IMPURITY IN PHARMACEUTICAL INDUSTRIES

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE  
AWARD OF THE DEGREE OF

MASTER OF SCIENCE IN CHEMISTRY

Submitted By

P. MURALI DHARAN  
(A18MCH12)

Under the guidance of

Mr. G. ANAND, M.Sc., M.Phil., SET.,



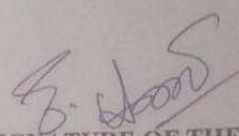
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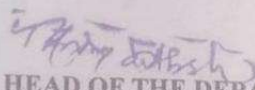
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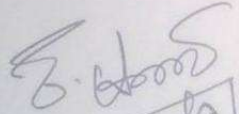
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SIGNATURE OF THE GUIDE  
(Mr. G. ANAND )

  
HEAD OF THE DEPARTMENT  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
Cuddalore-1  
Place : Cuddalore.

Date : 28-09-2020

Examiners:

1.   
28/9/20

2.





## Kawman Pharma

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CIN No: U24297TN2007PTC065205

Date: 09.06.2020

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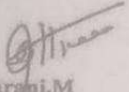
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Yours Sincerely

For KAWMAN PHARMA  
(A Division of K.P. Manish Global Ingredients Pvt. Ltd)

  
Tharani M  
Assistant Manager – HR & Admin



**A Study on Synthesis of Nano manganese, cobalt, copper  
Salen Complexes and their anti microbial Activities**



A Thesis submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1,  
In partial fulfillment for the award of the degree of  
**MASTER OF SCIENCE IN CHEMISTRY**

By

**Padmavathi. K**

(Register No: A18MCH14)

Under the guidance of

**Mr. F. PAUL AROKIADOSS, M.Sc., M.Ed., M.Phil., SET.**

Assistant Professor, Department of Chemistry

**2019-2020**

**PG & Research Department of Chemistry**

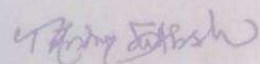
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**SEPTEMBER – 2020**



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Head of the Department

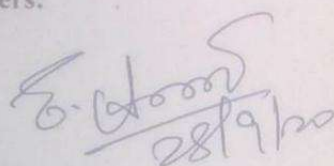
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCL  
CUD DALORE -1  
TAMIL NADU

Project Guide



Submitted for viva-voce Examination held on 28-09-2020

Examiners:

1.   
28/9/20

2.

A FACILE SYNTHESIS OF 3-bromo-5-hydroxy benzoic acid.

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
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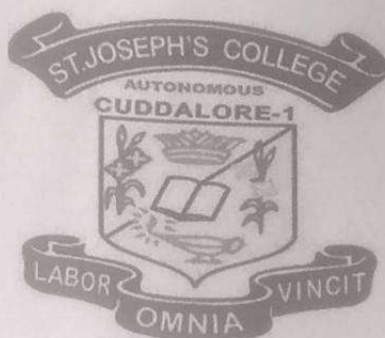
By

V.PRAKASH (A18MCH15)

Under the guidance of

Mr. F. PAUL AROKIADOSS M.Sc., M.Ed., M.Phil., SET,

Assistant Professor, Department of Chemistry



2018-2020

PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

CUDDALORE – 607001

SEPTEMBER 2020

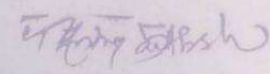


# C E R T I F I C A T E

This is to Certify that the Dissertation work entitled "A FACILE SYNTHESIS OF 3-bromo-5-hydroxybenzoic acid." is a bonafide record of work carried out by V. PRAKASH (Register No: A18MCH15) in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of Master of Science in Chemistry under my supervision and guidance during the academic year 2019-2020.

  
Project Supervisor

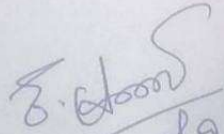
(Mr. F. PAUL AROKIADOSS)

  
HEAD OF THE DEPARTMENT  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
Cuddalore-1

Place: Cuddalore

Date: 28-09-2020

Examiners:

1.   
28/9/20

2.



## ANVITHA LIFE CARE PRIVATE LIMITED

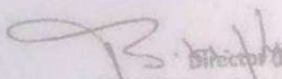
DATE: 09-03-2020

### TO WHOM SO EVER IT MAY CONCERN

This is to certify that Shri V. Prakash, a student of M.Sc. General Chemistry at the St. Joseph College of Arts & Science, Cuddalore, has undergone training in Synthetic Organic Chemistry and Analytical Divisions of our R&D at Attivaram campus from 5<sup>th</sup> Feb 2020 to 9<sup>th</sup> March 2020. He has worked on the project "A facile synthesis of 3-Bromo-5-Hydroxybenzoic acid".

He is a very enthusiastic hard worker, sincere, bears a good character and conduct.

For ANVITHA LIFE CARE PVT. LTD.

  
Director (Research)  
Dr. B.N. Hitesh Kumar,  
Director (R&D).

GSTIN: 37AAOCA5538L123      [anvitha.net.in](http://anvitha.net.in)      IEC CODE: AAOCA5538L  
Regd office & Works: PLOT NO.6, INDUSTRIAL PARK, ATTIVARAM, DZIL(M), NAIDUPETA, SPSR NELLORE-524402  
Phone: +919677236091 E-mail: [prakasam@anvitha.co.in](mailto:prakasam@anvitha.co.in), [prakasam.tangirala@gmail.com](mailto:prakasam.tangirala@gmail.com)



**A STUDY ON SYNTHESIS OF FERRITES ENCAPSULATED  
GRAPHENE IN NANOCOMPOSITES**



A Thesis Submitted to  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1.

In partial fulfilment for the award of the Degree of  
MASTER OF SCIENCE IN CHEMISTRY

By  
E. SAKTHIABIRAMI  
(Register No: A18MCH16)

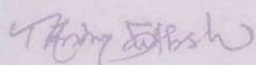
Under the Guidance of  
Mr. F. PAUL AROKIADOSS, M.Sc., M.Ed., M.Phil., SET.  
Assistant Professor, Department of Chemistry

2018 - 2020

PG & Research Department of Chemistry  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-607 001.  
SEPTEMBER- 2020


## CERTIFICATE

This is to Certify that the Dissertation work entitled "A STUDY ON SYNTHESIS OF FERRITES ENCAPSULATED GRAPHENE IN NANOCOMPOSITES" is a bonafide record of work carried out by E.SAKTHIABIRAMI (Register No: A18MCH16) in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree of Master of Science in Chemistry under my supervision and guidance during the academic year 2019-2020.



Head of the Department

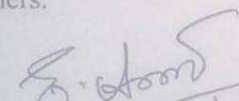
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(AUTONOMOUS)  
CUDDALORE - 607 001

  
Project Guide

Principal

Submitted for Viva-voce Examination held on 28-09-2020

Examiners:

• 1.   
28/9/20



**SiO<sub>2</sub>-MoO<sub>4</sub>-SO<sub>3</sub>H AS AN EFFICIENT CATALYST FOR RAPID ONE-POT  
SYNTHESIS OF 1, 8-DIOXOOCTAHYDROXANTHENE UNDER  
SOLVENT-FREE CONDITIONS**

*A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),  
In partial fulfillment of the requirement for the award of the degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

**BY**

**T.SASIKALA  
(A18MCH17)**

Under the guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**

## CERTIFICATE

This is to certify that the thesis entitled " $\text{SiO}_2\text{-MoO}_4\text{-SO}_3\text{H}$  AS AN EFFICIENT CATALYST FOR RAPID ONE-POT SYNTHESIS OF 1, 8-DIOXOOCTAHYDROXANTHENE UNDER SOLVENT-FREE CONDITIONS" is a bonafide record of work carried out by T.SASIKALA (A8MCH17) in the PG & Research Department of chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore -- 1, affiliated to Thiruvalluvar university, Vellore, in partial fulfillment for the award of the **DEGREE OF MASTER OF SCIENCE IN CHEMISTRY** under my guidance during the academic year 2018-2020.

*S. David Amal Raj*  
Signature of the Guide  
Dr. S. DAVID AMAL RAJ

Forwarded by

*T. Sasikala*  
(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(Autonomous)  
CUD DALORE 607 001

Viva-voce examination held on 28-09-2020

Examiners

1.

*S. S. S.*  
28/9/20

2.



REDUCTIVE AMINATION OF CARBONYL COMPOUNDS  
BY  $\text{NaBH}_4$  USING  $\text{SiO}_2@\text{TSA}$  AS CATALYST

*A thesis submitted to St. Joseph's College of Arts & Science (Autonomous),  
In partial fulfillment of the requirement for the award of the degree of*

MASTER OF SCIENCE IN CHEMISTRY

BY

B. SUGANYA  
(A18MCH18)

Under the guidance of

Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,  
Assistant Professor of Chemistry



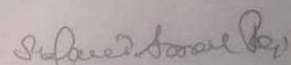
POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

CUDDALORE-607001

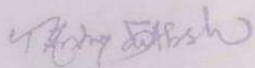
APRIL-2020

# C E R T I F I C A T E

This is to certify that the thesis entitled "REDUCTIVE AMINATION OF CARBONYL COMPOUNDS BY  $\text{NABH}_4$  USING  $\text{SiO}_2\text{@TSA}$  AS CATALYST" is a bonafide record of work done by B. SUGANYA (A8MCH18) in the PG & Research Department of chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore - 1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the DEGREE OF MASTER OF SCIENCE IN CHEMISTRY under my guidance during the academic year 2018-2020.

  
Signature of the Guide  
Dr. S. DAVID AMAL RAJ

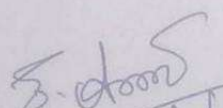
Forwarded by

  
(Head of the Department)  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

(Principal)

Viva-voce examination held on 28-09-2020

Examiners

1.   
28/9/20

2.

2



# **ZnHPO<sub>4</sub> CATALYZED ONE POT, THREE COMPONENT SYNTHESIS OF 1,4-DIHYDROPYRIDINES**

*A Thesis submitted to St. Joseph's College of Art and science (Autonomous),  
In partial fulfillment of the requirements for the award of the Degree of*

**MASTER OF SCIENCE IN CHEMISTRY**

By

**V.SUGASINI**

**(Reg.no A18MCH19)**

Under the Guidance of

**Dr. S. DAVID AMAL RAJ, M.Sc., M.Phil., Ph.D.,**

Assistant Professor of Chemistry



**POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**

## CERTIFICATE

This is to certify that the thesis entitled " $\text{ZnHPO}_4$  CATALYZED ONE POT, THREE COMPONENT SYNTHESIS OF 1,4-DIHYDROPYRIDINES" is a bonafide record of work carried out by V.SUGASINI (A18MCH19) in the PG & Research Department of chemistry, St. Joseph's College of Arts and Science, (Autonomous) Cuddalore - 1, affiliated to Thiruvalluvar university, Vellore, in partial fulfillment for the award of the DEGREE OF MASTER OF SCIENCE IN CHEMISTRY under my guidance during the academic year 2018-2020.

*Sofaril Sonev Reg*  
Signature of the Guide  
Dr. S. DAVID AMAL RAJ

Forwarded by

*[Signature]*  
(Head of the Department)

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUD DALORE - 1  
TAMIL NADU

(Principal)

Viva-voce examination held on 28-09-2020

Examiners

1.

*[Signature]*  
28/9/20

2.

3.



**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-ETHYLPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-  
1,3-THIAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**M. SUPRIYA  
(REGISTER NO: A18MCH20)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



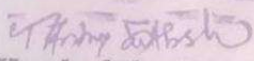
**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**SEPTEMBER 2020**

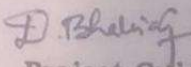
**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on "**SYNTHESIS AND CHARACTERIZATION OF NOVEL 6-(4-ETHYLPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-1,3-THIAZIN-2-AMINE**" is a bonafide record of work done by **M. SUPRIYA (A18MCH01)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

  
**Head of the Department**

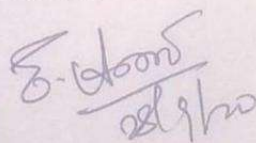
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENC  
(Autonomous).  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

1.

  
28/9/20

2.



**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-ETHOXYPHENYL)-4-(4-MORPHOLINOPHENYL)-  
2H-1,3-THIAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**A. TAMIL SELVI  
(REGISTER NO: A18MCH22)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

**SEPTEMBER 2020**

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on "**SYNTHESIS AND CHARACTERIZATION OF NOVEL 6-(4-ETHOXYPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-1,3-THIAZIN-2-AMINE**" is a bonafide record of work done by **A. TAMIL SELVI (A18MCH22)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

*[Signature]*  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUDDALORE - 607 001

*[Signature]*  
**Project Guide**

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

1. *[Signature]*  
28/9/20

2.



POLYMORPH IN 2N -PROPYL-4-METHYL-6-(1-METHYL  
BENZIMIDAZOL 2-YL)-1H-BENZIMIDAZOLE (1)

A THESIS SUBMITTED TO  
ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

MASTER OF SCIENCE IN CHEMISTRY

By

T.THAMIZHSELVAN  
(A18MCH23)



Leadership through Technology

RESEARCH AND DEVELOPMENT CENTRE

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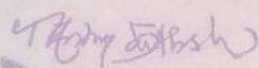
SIPCOT, KUDIKADU, CUDDALORE – 607005

APRIL 2020

# C E R T I F I C A T E

This is to Dissertation on "POLYMORPH IN 2N -PROPYL-4-METHYL-6-(1-METHYL BENZIMIDAZOL 2-YL)-1H-BENZIMIDAZOLE(1)" is a bonafide record of work done by T.THAMIZHSELVAN (A18MCH23) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous),cuddalore-1, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN CHEMISTRY.**

INTERNAL GUIDE  
(Mr. S.RICHARD RAJKUMAR)



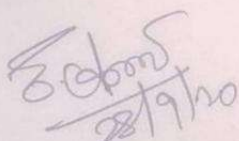
HEAD OF THE DEPARTMENT

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
CUD DALORE

Place : Cuddalore

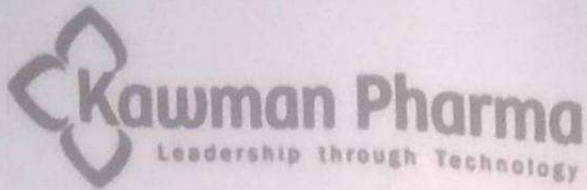
Date : 28-09-2020

Examiners:

1.   
28/9/20

2.





## Kawman Pharma

A Division of K. P. MANISH GLOBAL INGREDIENTS PVT.LTD  
Plot No: B-2, Spicco Indl. Complex, Kudikadu,  
Cuddalore-607005 T : 04142-239239/656  
ON No: U24297TN2007PTC065205

Date: 09.06.2020

### To Whom So Ever it May Concern

This is to certify that Mr.T.Tamizhselvan (Reg No: A18MCH23) student of St.Joseph's College, Cuddalore has completed his IN PLANT TRAINING successfully in R&D department with our Organisation for the partial fulfillment of his M.Sc (Chemistry) degree for a period starting from 05.02.2020 to 13.03.2020.

During the period of his IN PLANT TRAINING with us he was found punctual and inquisitive.

We wish him all the best in his future endeavors.

Yours Sincerely

For KAWMAN PHARMA

(A Division of K.P. Manish Global Ingredients Pvt. Ltd)

  
Tharani.M

Assistant Manager – HR & Admin



**SYNTHESIS AND CHARACTERIZATION OF NOVEL  
6-(4-ISOPROPYLPHENYL)-4-(4-MORPHOLINOPHENYL)-  
2H-1,3-THIAZIN-2-AMINE**

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILLMENT  
OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE OF

**MASTER OF SCIENCE  
IN  
CHEMISTRY**

By

**G. VAISHNAVI DEVI  
(REGISTER NO: A18MCH24)**

Under the Guidance of

**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry



**PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
CUDDALORE - 607001**

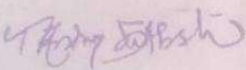
**SEPTEMBER 2020**



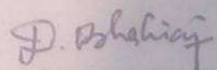
**Dr. D. BHAKIARAJ, M.Sc., M.Phil., Ph.D.**  
Assistant Professor, Department of Chemistry,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607001.

## CERTIFICATE

This is to certify that this Dissertation on "**SYNTHESIS AND CHARACTERIZATION OF NOVEL 6-(4-ISOPROPYLPHENYL)-4-(4-MORPHOLINOPHENYL)-2H-1,3-THIAZIN-2-AMINE**" is a bonafide record of work done by **G. VAISHNAVI DEVI (A18MCH24)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE - 1**, Affiliated to **THIRUVALLUVAR UNIVERSITY, VELLORE** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY**.

  
**Head of the Department**

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE

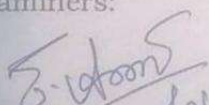
  
**Project Guide**

Principal

Submitted for Viva-Voce Examination held on 28-09-2020

Examiners:

1.

  
28/9/20

2.

SYNTHESIS AND SPECTRAL CHARACTERIZATION OF  
 $\alpha$ ,  $\beta$ - UNSATURATED KETONES

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF MASTER OF SCIENCE IN CHEMISTRY

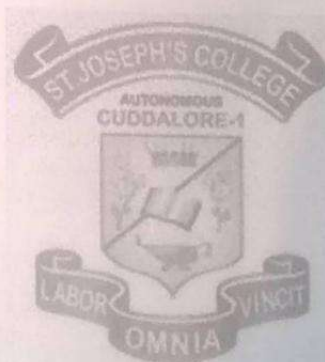
By

R. VENKAT NIVAS

REG. NO: A18MCH25

Under the guidance of

MR.C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,



2018-2020

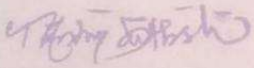
PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001

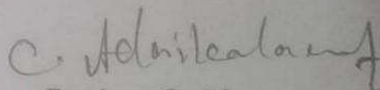
APRIL 2020



## CERTIFICATE

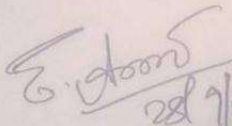
This is to certify that the project work entitled "SYNTHESIS AND SPECTRAL CHARACTERISATION OF  $\alpha, \beta$ - UNSATURATED KETONES is a bonafide record of work carried out by R.VENKATNIVAS, A18MCH25 in the PG & Research Department of Chemistry, St.Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of Master of Science in Chemistry under my personal supervision and Guidance during the academic year 2018-2020.

  
**Head of the department**  
HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

  
**Project Guide**

Submitted for viva-voice Examination held on 28-09-2020

Examiners:

1.   
28/9/20
- 2.

SYNTHESIS AND SPECTRAL CHARACTERISATION OF  
5-(4-BROMOPHENYL)-3-(2,3-DIHYDROBENZO[b][1,4]DIOXIN-6-YL)-1H-PYRAZOLE

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

CUDDALORE-607001

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF MASTER OF SCIENCE IN CHEMISTRY

By

R. VIJAYALAKSHMI

REG. NO: A18MCH26

Under the guidance of

Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,



2018-2020

PG & RESEARCH DEPARTMENT OF CHEMISTRY

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

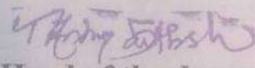
CUDDALORE-607001

APRIL 2020

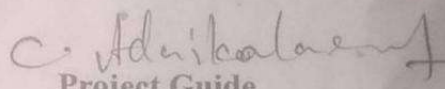


## CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS AND SPECTRAL CHARACTERISATION OF 5-(4-BROMOPHENYL)-3-(2,3-DIHYDROBENZO[b][1,4]DIOXIN-6-YL)-1H-PYRAZOLE is a bonafide record of work carried out by R. VIJAYALAKSHMI, A18MCH26 in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of Master of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.

  
Head of the department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

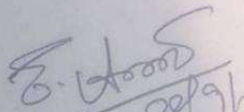
  
Project Guide

Submitted for viva-voice Examination held on

28-09-2020

Examiners:

1.

  
28/9/20

2.

**EXTRACTION AND CHARACTERIZATION OF AZADIRACHITIN**  
**A THESIS SUBMITTED TO**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF**  
**THE DEGREE OF**  
**BACHELOR OF SCIENCE IN CHEMISTRY**

Submitted by

**S.SIVA**

**(A17CHD52)**

Under the guidance of

**Mr. M.SEBASTIAN MARIANTHAN, M.Sc., B.Ed., M.Phil.,**

**ASSISTANT PROFESSOR IN CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**



**2017-2020**

**DEPARTMENT OF CHEMISTRY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-**

**607001**

**APRIL 2020**

SYNTHESIS AND SPECTRAL ANALYSIS OF  
3-(2,3-DIHYDROBENZO[b][1,4]DIOXIN-6-YL)-5-(4-FLUOROPHENYL)-1H-PYRAZOLE

A THESIS SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

CUDDALORE-607001

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD  
OF THE DEGREE OF MASTER OF SCIENCE IN CHEMISTRY

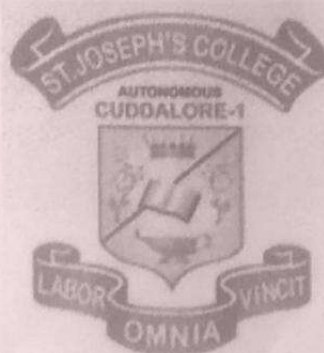
By

M. PRIYADHARSHINI

REG. NO: A18MCH27

Under the guidance of

Dr. C. ADAIKALARAJ, M.Sc., M.Phil., Ph.D.,



2018-2020

PG & RESEARCH DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

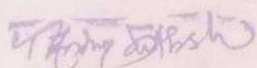
CUDDALORE-607001

APRIL 2020



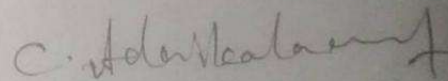
## CERTIFICATE

This is to certify that the projectwork entitled "SYNTHESIS AND SPECTRAL ANALYSIS OF 3-(2,3-DIHYDROBENZO[b][1,4]DIOXIN-6-YL)-5-(4-FLUOROPHENYL)-1H-PYRAZOLE is a bonafide record of work carried out by M. PRIYADHARSHINI, A18MCH27 in the PG & Research Department of Chemistry, St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of Master of Science in Chemistry under my personal supervision and Guidance during the academic year 2019-2020.



Head of the department

HEAD OF THE DEPARTMENT  
DEPARTMENT OF CHEMISTRY  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCES  
(Autonomous)  
CUDDALORE - 607 001

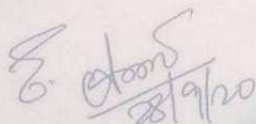


Project Guide

Submitted for viva-voice Examination held on 28-09-2020

Examiners:

1.

  
28/9/20

2.



**AN ANALYSIS OF EMPOWERMENT OF MARGANILIZED  
PEOPLE IN TAMILNADU USING DELPHI ADOPTED  
BIDIRECTIONAL ASSOCIATIVE MEMORIES (DABAM)**

This project is submitted to

St. Joseph's College of Arts & Science (Autonomous),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

**By**

**P. ANITHA MERCY MARY**

**(A18MMT01)**

Under the Guidance of

**Mr. J. AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.,**

Assistant professor,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University) .**

**Cuddalore-607 001.**

**SEPTEMBER-2020**

# CERTIFICATE

This is to certify that the project entitled "AN ANALYSIS OF EMPOWERMENT OF MARGANILIZED PEOPLE IN TAMILNADU USING DELPHI ADOPTED BIDIRECTIONAL ASSOCIATIVE MEMORIES DABAM" submitted in partial fulfillment for the award of the degree of Master of Science in Mathematics is the record of work done under my guidance and supervision P. ANITHA MERCY MARY (A18MMT01), in the Department of Mathematics, St. Joseph's College of Arts and Science (Autonomous), Cuddalore -607001, affiliated to Thiruvalluvar University, during the period of her study in the academic year 2019-2020



HEAD OF THE DEPARTMENT



29/09/2020  
PROJECT SUPERVISOR

.. ARUNKTA ARUL DOSS. M.S. M.Phil.  
Asst. Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607001

Place:

Date:

Examiners:

1.



2.



**A STUDY ON AIR POLLUTION IN CUDDALORE  
DURING DEEPAVALI IN 2014 -2019 USING FUZZY  
SIMPLE ADDITIVE WEIGHTING METHOD**

This project is submitted to the

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

In partial fulfillment of the requirement  
for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**U. ANITHA  
(A18MMT02)**

Under the Guidance of

**Mr. S. JOHNSON SAVARIMUTHU, M.Sc., M.Phil., B.Ed.,**  
Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE – 607 001  
SEPTEMBER - 2020**

## CERTIFICATE

This is the certify that the project on "A STUDY ON AIR POLLUTION IN CUDDALORE DURING DEEPAVALI IN 2014 – 2019 USING FUZZY SIMPLE ADDITIVE WEIGHTING METHOD" is a bonafide record of work done by U. ANITHA (A18MMT02), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



**HEAD OF THE DEPARTMENT**



**PROJECT GUIDE**

**S. JOHNSON SAVARIMUTHU**

Assistant Professor M.Sc., M.Phil., B.Ed.,

PG & Research Department of Mathematics

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001.

**Place:** Cuddalore.

**Date :**

**EXAMINERS:**

1. 

2.



# **IMPACT OF HOSTEL LIFE ON PERSONALITY DEVELOPMENT AMONG SCHOOL STUDENTS USING TOPSIS**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**S. ANTONIYAMMAL**  
**(A18MMT03)**

Under the Guidance of

**Mrs. A. AROKIA MARY, M.Sc., M.Phil.,**  
Assistant Professor, PG& Research Development of Mathematics



**PG & REASEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University),**  
**Cuddalore-607 001. September-2020**

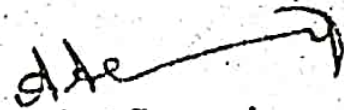


## CERTIFICATE

This is to certify that the project on "IMPACT OF HOSTEL LIFE ON PERSONALITY DEVELOPMENT AMONG SCHOOL STUDENTS USING TOPSIS" is a bonafide record of work done by ANTONIYAMMAL. S (A18MMT03), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



Head of the Department



Project Supervisor  
A. AROKIA MARY, M.Sc., M.Phil.,

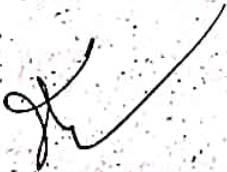
Assistant Professor,  
PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Place:

Date :

Examiners:

1.



2.

**A SURVEY ON DISEASE BY WHICH AGE CATEGORY PEOPLE ARE MORE  
AFFECTED BY USING FUZZY MATRIX**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

**By**

**S.AROKIA JEYASELI  
(A18MMT04)**

Under the Guidance of

**Dr. S.ANJAL MOSE, M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvallur University)

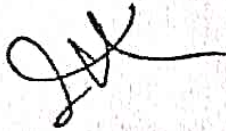
**CUDDALORE-607 001**

**SEPTEMBER-2020**

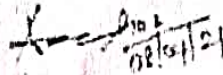


### CERTIFICATE

This is to certify that the project on "A SURVEY ON DISEASE BY WHICH AGE CATEGORY PEOPLE ARE MORE AFFECTED BY USING FUZZY MATRIX " is a Bonafide record of work done by S.AROKIA JEYASELI (A18MMT04), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT SUPERVISOR

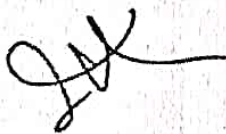
Place:

Date:

EXAMINERS:

1.

2.





# **CHALLENGES OF ONLINE LEARNING DURING COVID-19 USING INTUITIONISTIC FUZZY MAX-MIN AVERAGE COMPOSITION METHOD**

This project is submitted to  
St. Joseph's College of Arts & Science (Autonomous), in partial  
Fulfillment of the requirement for the award of the  
Degree of Master of Science in Mathematics

By

**DAYANA . D**

**(A19MMT05)**

Under the guidance of

**Mr . T. HENSON, M. Sc, M. Phil, B. Ed, M. Sc (IT), PGDCA,**  
Assistant Professor, PG & Research Department of Mathematics.



**PG & Research Department of Mathematics**  
**St. Joseph's College of Arts & Science (Autonomous)**  
**(Affiliated to Thiruvalluvar University)**  
**Cuddalore -607001 September 2021**

## CERTIFICATE

This is to certify that the project on "CHALLENGES OF ONLINE LEARNING DURING COVID - 19 USING INTUITIONISTIC FUZZY MAX - MIN AVERAGE COMPOSITION METHOD" is a bonafide record of work done by DAYANA . D (AISM04T05) under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-607 001, Affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the Degree of MASTER OF SCIENCE in MATHEMATICS.



HEAD OF THE DEPARTMENT

DR. J. JON ARUCKAARAJ M.Sc., M.Phil., Ph.D.

Head of the Department

PG & Research Department of Mathematics

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore-607 001

Place : Cuddalore

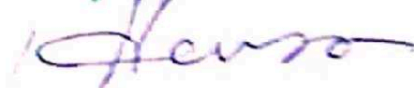
Date : 08-04-2021

Examiners

1.



2.



PROJECT SUPERVISOR

T. HENSON, M.Sc., M.Phil., M.Sc., S.Ed., PGDCA

Assistant Professor, PG and Research Department of Mathematics

St. Joseph's College of Arts and Science (Autonomous)

Cuddalore - 607 001

# **A STUDY OF TEXT HIDING IN IMAGE USING STEGANOGRAPHY**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**S. BHUVANESWARI**

**(A18MMT06)**

Under the Guidance of

**MRS.R.PADMA PRIYA, M.Sc., M.Phil.,B.Ed., PGDCA.,**  
Assistant Professor,



**PG & REASEARCH DEPARTMENT OF MATHEMATICS**  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**

**Cuddalore - 607001.**

**SEPTEMBER -2020**

## CERTIFICATE

This is to certify that the project on “**A STUDY ON TEXT HIDING IN IMAGE USING STEGANOGRAPHY**” is a bonafide record of work done by S.

**BHUVANESWARI (A18MMT106)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**Head of the Department**



**Project Supervisor**

Place:

Date :

Examiners:

1.



2.

**S. BHUVANESWARI**



# **AN ANALYSIS OF CHEMICAL LEVEL IN DRINKING WATER USING FUZZY MATRIX**

This project is submitted to st.joseph's college of arts and science (Autonomous), in partial fulfillment of the requirements for the degree of Master of science in mathematician

By

**V.BHUVANESWARI**

**(A18MMT07)**

Under the guidance of

**Mr.J.AROKIYA ARULDOSS,Msc.,M.Phil.,B.Ed.,**

Assistant Professor



**PG&RESEARCH DEPARTMENT OF MATHEMATICS**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOUS)**

**(Affiliated to Thiruvalluvar University )**

**Cuddalore-607001**

## CERTIFICATE

This is to certify that the project on "AN ANALYSIS OF CHEMICAL QUANTITY IN DRINKING WATER USING FUZZY MATRIX" is a bonafide record of work done by "V.BHUVANESWARI"(A18MMT07), Under my supervision and submitted to St. Joseph's college of arts and science(Autonomous)cuddalore-607001,affiliated to Thiruvalluvar University,Vellore,in partial fulfilment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS .



Head of the Department



Project supervisor

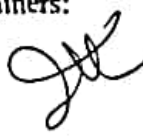
ANURMA ARUL GUNJ 23-02-2020  
Asst. Professor of Mathematics  
St. Joseph's College of Arts & Science, Cuddalore-607001  
Phone: 0439-2211111

Place:

Date:

Examiners:

1.



2.

# **A STUDY ON IMPACT OF SMART PHONE USAGE AMONG TODDLERS USING INTERVAL-VALUED FUZZY SOFT MATRIX**

This project submitted to St. Joseph's College of Arts & Science (Autonomous), in  
partial fulfillment of the requirement for the award of the degree of  
Master of Science in Mathematics

By  
**D. CIBIN**  
(A18MMT08)

Under the Guidance of  
**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**  
Assistant Professor,  
PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**  
**CUDDALORE – 607001.**  
**SEPTEMBER – 2020**

## CERTIFICATE

This is to certify that the project on "A STUDY ON IMPACT OF SMART PHONE USAGE AMONG TODDLERS USING INTERVAL-VALUED FUZZY SOFT MATRIX" is a bonafide record of work done by D. CIBIN (A18MMT08), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS



Head of the Department

  
Project Supervisor

Dr. A. RAJESH, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Manjakuppam, Cuddalore - 607 001.

Place: *cuddalore*

Date:

Examiners:

1.



2.



**THE LEARNING STRATEGIES OF THE STUDENTS  
USING FUZZY GAME THEORY**

This project is submitted to St. Joseph's College of Arts and science (Autonomous), in  
partial fulfillment of the requirement for the degree of  
Master of Science Mathematics

By  
**A.HILEN MARY**  
(A19MMT09)

Under the guidance of  
**Dr. S. ANJAL MOSE, M.Sc., M. Phil., M.Ed., M. Phil., Ph.D.,**  
Assistant Professor,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University),  
Cuddalore – 607 001.  
April -2021.

## CERTIFICATE


This is to certify that the project on "THE LEARNING STRATEGIES OF THE STUDENTS USING FUZZY GAME THEORY" is a bonafide record of work done by HELEN MARY A (A19MMT09) under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



**Head of the Department**

Dr. J. JON ARACHIAJ WILSON  
Head of the Department  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore-607 001

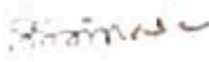
**Project Supervisor**

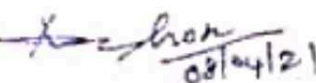
  
Assistant Professor  
PG & Research Department of Mathematics  
St. Joseph's College of Arts and Science (Autonomous)  
Manjakuppam, CUDDALORE - 607 001

**Place:** Cuddalore

**Date:** 08.04.2021

**Examiners:**

1. 

2.   
08/04/21

# **AN ANALYSIS ON HEART ATTACK USING TOPSIS METHOD**

This project is submitted to St. Joseph's college of Arts & Science (Autonomous),

In partial fulfillment of the requirement for the degree of

Master of Science in Mathematics

**BY**

**D.GETHSIYAL**

**(A18MMT10)**

**Under the Guidance of**

**Mrs. A .AROKIAMARY, M.Sc., M.Phil., SET**

**Assistant Professor.**



**PG & RESEARCH DEPARTMENT MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University)**

**Cuddalore-607001.**

**SEPTEMBER- 2020**

## CERTIFICATE

This is to certify that the project on "AN ANALYSIS ON HEART ATTACK USING TOPSIS METHOD" is a bonafide record of work done by **D. GETHSIYAL (A18MMT10)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE in MATHEMATICS**.



Head of the Department



Project Supervisor

**ANNOIA MARY, M.Sc., M.Phil.**

Assistant Professor,

PG and Research Department of Mathematics,  
St. Joseph's College of Arts and Science (Autonomous),  
Manjakuppam, CUDDALORE - 607 001.

Place: *Cuddalore*

Date:

Examiners:

1.



2.



**A STUDY ON THE QUALITY OF MOBILE PHONES  
BY USING FUZZY VIKOR, TOPSIS AND SAW  
METHODS**

This project is submitted to  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
*in partial fulfillment of the requirements*  
for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By

**GOWTHAM RAJ. R**  
**(A18MMT11)**

Under the guidance of  
**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.**  
Vice principal & Head of the department,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
**CUDDALORE – 607 001**  
**SEPTEMBER 2020**

## CERTIFICATE

This is to certify that the dissertation on "A STUDY ON THE QUALITY OF MOBILE PHONES BY USING FUZZY VIKOR, TOPSIS AND SAW METHODS" is a Bonafide record of work done by **GOWTHAM RAJ. R (A18MMT11)** under my supervision and submitted to St. Joseph College of Arts and Science (Autonomous), cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**Dr.J.JON AROCKIARAJ,**

M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D.,

Vice - Principal &

Head, Department of Mathematics,

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001.



**PROJECT GUIDE**

**Dr.J.JON AROCKIARAJ,**

M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D.,

Vice - Principal &

Head, Department of Mathematics,

St. Joseph's College of Arts & Science (Autonomous)

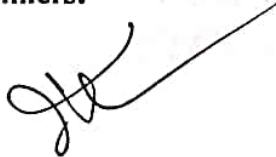
Cuddalore - 607 001.

Place :

Date :

Examiners:

1.



2.

**APPLICATION OF TRIANGULAR FUZZY NUMBER IN SELECTION  
OF VILLAGE HEAD USING SIMPLE ADDITIVE WEIGHTING (SAW)  
METHOD**

This project is submitted to the

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

In partial fulfillment of the requirements for the award of the degree of

Master of Science in Mathematics

By

**S.GULSANA**

**(A18MMT12)**

Under the Guidance of

**Mr. A. VIRGIN RAJ, M.Sc., M. Phil.,**

Assistant Professor, Department of Mathematics



**DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

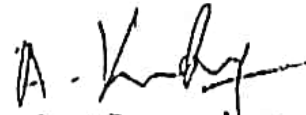
**SEPTEMBER - 2020**

## CERTIFICATE

This is to certify that the project on is a bonafide record of work done by S GULSANA (A18MMT12), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS



Head of the department



Project Supervisor

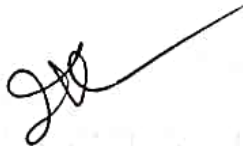
A. VIRGINIA RAO M.Sc. M.Phil.  
Assistant Professor  
St. Joseph's College of Arts and Science  
Cuddalore - 607 001.

Place:

Date:

Examiners:

1.



2.



# **A STUDY ON DOMINATION IN DIRECTED GRAPHS AND ITS APPLICATION IN MATERNAL FETAL BLOOD INCOMPATIBILITY**

This project is submitted to St. Joseph's college of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**M S HEMALATHA**  
**(A18MMT13)**

Under the Guidance of

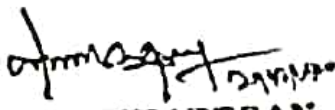
**Mr. A. VENKATESAN, M.Sc., B.Ed., M.Phil., SET,**  
Assistant professor,



**PG & REASEARCH DEPARTMENT OF MATHEMATICS**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**  
**Cuddalore - 607 001.**  
**SEPTEMBER - 2020**

## **CERTIFICATE**

This is to certify that the project on **A Study on Domination in Directed Graphs and Its Application in Maternal Fetal Blood Incompatibility** is a bonafide record of work done by **HEMALATHA M S (A18MM113)**, under my supervision and submitted to **St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607 001**, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE in MATHEMATICS**

  
**PROJECT SUPERVISOR**  
Associate Professor,  
Department of Mathematics,  
St. Joseph's College of Arts and Science  
(and Science Education),  
CUDDALORE - 607 001.

  
**Head of the Department**

**Place:**

**Date:**

**Examiners:**

1. 

2.

# **AN ANALYSIS ON DIABETES PATIENTS USING TOPSIS METHOD**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By  
**R. ILAKKIYA**  
**(A18MMT14)**

Under the Guidance of  
**Mrs. A. AROKIAMARY, M.Sc., M.Phil.,**  
Assistant Professor,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**  
**Cuddalore-607 001.**  
**September-2020**

## CERTIFICATE

This is to certify that the project on "AN ANALYSIS ON DIABETES PATIENTS USING TOPSIS METHOD" is a bonafide record of work done by R.LAKKIYA (A18MMT14), under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of degree of MASTER OF SCIENCE in MATHEMATICS.



Head of the Department



Project Supervisor  
A. AROKIA MARY, M.Sc., M.Phil.,

Assistant Professor,  
PG and Research Department of Mathematics  
St. Joseph's College of Arts and Science (Autonomous)  
Manjakuppam, CUDDALORE - 607 001.

Place: Cuddalore

Date:

Examiners:

1.



2.



# **AN IMPACT OF SOCIAL NETWORKING SITES ON STUDENTS LIFE USING FUZZY K- MEANS CLUSTERING**

This project is submitted to  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

*In partial fulfillment of the requirements*

for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

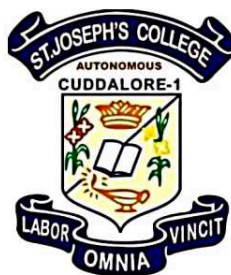
By

**JANE THOMAS. T.N**  
**(A18MMT15)**

Under the guidance of

**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.**

Vice principal & Head of the department,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
**CUDDALORE – 607 001.**  
**AUGUST 2020.**

## CERTIFICATE

This is to certify that the dissertation on “AN IMPACT OF SOCIAL NETWORKING SITES ON STUDENTS LIFE USING FUZZY K- MEANS CLUSTERING” is a Bonafide record of work done by **JANE THOMAS T. N (A18MMT15)** under my supervision and submitted to St. Joseph College of Arts and Science (Autonomous), cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**



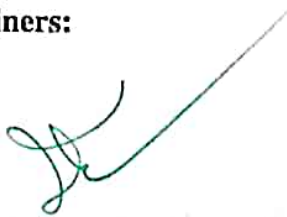
**PROJECT GUIDE**

**Place :**

**Date :**

**Examiners:**

1.



2.

**JANE THOMAS. T.N**

**(A18MMT15)**

St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore – 607001.

---

**A STUDY ON TODDLERS HEALTHY FOOD USING FUZZY SIMPLE  
ADDITIVE WEIGHTING METHOD AND WEIGHTED PRODUCT  
METHOD**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

**By**

**M.KAMALI  
(A18MMT16)**

Under the Guidance of

**Ms.M.KALAIMATHI, M.Sc., B.Ed., M.Phil.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

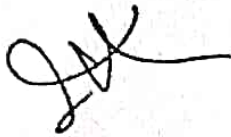
(Affiliated to Thiruvallur University)

**CUDDALORE-607 001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the project on **“A STUDY ON TODDLERS HEALTHY FOOD USING FUZZY SIMPLE ADDITIVE WEIGHTING METHOD AND WEIGHTED PRODUCT METHOD”** is a Bonafide record of work done by **M.KAMALI (A18MMT16)**, under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)**, Cuddalore – 607 001, affiliated to **Thiruvalluvar University, Vellore**, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**Dr.J.JON AROCKIARAJ,**  
M.Sc.,M.Phil.,D.Ed.,FODCA,F.R.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



**PROJECT SUPERVISOR**

Place:

Date:

**EXAMINERS:**

1.



2.



**A STUDY ON DECISION SUPPORT SYSTEM TO DETERMINE HOUSING  
LOAN FOR EMPLOYEES USING SAW METHOD**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

**By**

**N.KAVIPRIYA  
(A18MMT17)**

Under the Guidance of

**Mr.J.AROCKIA ARULDOSS, M.Sc., M.Phil., B.Ed.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**

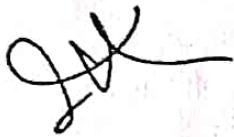
(Affiliated to Thiruvallur University)

**CUDDALORE-607 001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the project on "A STUDY ON DECISION SUPPORT SYSTEM TO DETERMINE HOUSING LOAN FOR EMPLOYEES USING SAW METHOD" is a Bonafide record of work done by N.KAVIPRIYA(A18MMT17), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

Dr.J.JON AROCKIARAJ,  
M.Sc., M.Phil., B.Ed., P.DCA., Ph.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

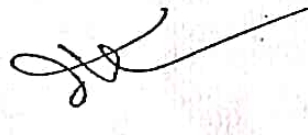


PROJECT SUPERVISOR

Place:

Date:

EXAMINERS:

1. 

2.

# **A STUDY ON STRESS OF THE ORPHANAGE CHILDREN USING INTERVAL-VALUED FUZZY SOFT MATRIX**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Mathematics

By

**P. LAKSHMI PRIYA**

**(A18MMT18)**

Under the guidance of

**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTEMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**SEPTEMBER – 2020**



## CERTIFICATE

This is to certify that the project on "A STUDY ON STRESS OF THE ORPHANAGE CHILDREN USING INTERVAL-VALUED FUZZY SOFT MATRIX" is a bonafide record of work done by P. LAKSHMI PRIYA (A18MMT18), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore- 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS



Head of the Department

Project Supervisor

Place: Cuddalore

Date:

Examiners:

1.



2.



# **AN APPLICATION OF INTUITIONISTIC PENTAGONAL FUZZY NUMBER IN DETERMINING THE FASTEST GROWING MICROBE USING TOPSIS METHOD**

This project is submitted to St. Joseph's college of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**R MAGESWARI**  
**(A18MMT19)**

Under the Guidance of

**Mr. A. VIRGIN RAJ, M.Sc., M.Phil.,**  
Assistant professor,




**PG & REASEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

Cuddalore - 607 001.

SEPTEMBER - 2020

## CERTIFICATE

This is to certify that the project on An Application of Intuitionistic Pentagonal Fuzzy Number in Determining the Fastest Growing Microbe using TOPSIS Method is a bonafide record of work done by R MAGESWARI (A18MMT19), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.

  
Project Supervisor  
A VIRGIN RAJ M.Sc. M.Phil.  
Assistant Professor of Mathematics  
St. Joseph's College of Arts and Science  
Cuddalore - 607 001

  
Head of the Department

Place:

Date:

Examiners:

1. 

2.

# **A STUDY OF FUZZY GRAPHS AND ITS APPLICATIONS**

Dissertation submitted to

St. Joseph's College of Arts & Science ( Autonomous)

In partial fulfilment of the requirements for the award of the degree of

## **MASTER OF SCIENCE IN MATHEMATICS**

By

**MAHESHWARI. M**

**(Reg. No. A18MMT20)**

Under the Guidance of

**Mrs. L. JETHRUTH EMELDA MARY, M. Sc., M. Phil.,**



**DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**

## **CERTIFICATE**

This is to certify that the mini project report entitled  
**Study Of Fuzzy Graphs And Its Applications**  
being submitted to  
St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 1  
Affiliated to Thiruvalluvar University, Vellore.

by

**Ms. M. Maheshwari**

for the partial Fulfilment for the award of degree of

**MASTER OF SCIENCE (MATHEMATICS)**

is a Bonafede record of work carried out by her, under  
my guidance and supervision.



Internal Guide



Head of the Department

Submitted for the viva-voce examination on \_\_\_\_\_

Examiners:

1.



2.



**A STUDY ON STRESSES OF V & VIII STUDENTS APPEARING FOR  
PUBLIC EXAMINATION USING FUZZY TOPSIS METHOD**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

**By**

**R.MEENAKSHI  
(A18MMT21)**

Under the Guidance of

**Dr. A. RAJESH, M.Sc., M.Phil., B.Ed., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOMOUS)**

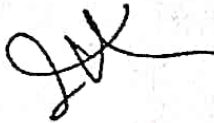
(Affiliated to Thiruvallur University)

**CUDDALORE-607 001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the project on “A STUDY ON STREES OF V & VIII STUDENTS APPEARING FOR PUBLIC EXAMINATION USING FUZZY TOPSIS METHOD” is a Bonafide record of work done by R.MEENAKSHI (A18MMT21), under my supervision and submitted to St. Joseph’s College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

Dr. J. JON AROCKIARAJ,  
M.Sc., M.Phil., B.Ed., PGDCA, Ph.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



PROJECT SUPERVISOR

Place:

Date:

EXAMINERS:



1.

2.



# **A STUDY ON DOMINATION IN GRAPHS**

This project is submitted to the

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

In partial fulfillment of the requirement for the award of the degree of  
**MASTER OF SCIENCE IN MATHEMATICS**

By

**Y.PAVITHRA**

**(A18MMT22)**

Under the Guidance of

**MRS.L. JETHRUTH EMELDA MARY, M.Sc., M.Phil., B.Ed.,**

Assistant Professor,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607 001**

**SEPTEMBER-2020**



## CERTIFICATE

This is to certify that the project on "A STUDY ON DOMINATION IN GRAPH" is a bonafide record of work done by Y.PAVITHRA (A18MMT22), under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.

  
HEAD OF THE DEPARTMENT

  
PROJECT GUIDE

LJETHRUTH EMELDA MARY,  
M.Sc. M.Phil B.Ed.,  
Assistant Professor in Mathematics  
St. Joseph's College of Arts and Science,  
Cuddalore-607 001.

Place: CUDDALORE

Date: 30.09.2020

EXAMINERS:  




# **A STUDY ON MOBILE PAYMENT SYSTEM IN E-COMMERCE USING CRYPTOGRAPHY**

This project is submitted to the  
**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

In partial fulfillment of the requirement  
for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**PRAGATHI . R**  
**(A18MMT23)**

Under the Guidance of

**Mrs. R. PADMA PRIYA, M.Sc., M. Phil., B.Ed., PGDCA,**  
Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
**(AUTONOMOUS)**

**CUDDALORE – 607 001**

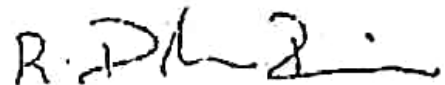
**SEPTEMBER -2020**

## CERTIFICATE

This is the certify that the project on "A STUDY ON MOBILE PAYMENT SYSTEM IN E-COMMERCE USING CRYPTOGRAPHY" is a bonafide record of work done by R. PRAGATHI (A18MMT23), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT



PROJECT GUIDE

Place: CUDDALORE

Date: 01.10.2020

EXAMINERS:

1.



2.

**APPLICATION OF RANKING OF TRAPEZOIDAL FUZZY  
NUMBER IN SCHOOL DROPOUTS USING ANALYTIC  
HIERARCHY PROCESS (AHP)**

This project is submitted to the

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

In partial fulfillment of the requirements for the award of the degree of  
Master of Science in Mathematics

By

**M.RABIYATHUL BASIRIYA**

**(A18MMT24)**

Under the Guidance of

**Mr. A. VIRGIN RAJ, M.Sc., M. Phil.,**

Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

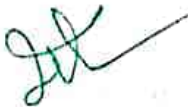
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**CUDDALORE - 607001**

**SEPTEMBER - 2020**

## CERTIFICATE

This is to certify that the project on "APPLICATION OF RANKING OF TRAPEZOIDAL FUZZY NUMBER IN SCHOOL DROPOUTS USING ANALYTIC HIERARCHY PROCESS (AHP)" is a bonafide record of work done by M.RABIYATHUL BASIRIYA (A18MMT24), under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



Head of the Department



Project Supervisor

**A VIRGIN RAJ M.Sc M.Phil.**  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 607 001.

Place:

Date:

Examiners:

1.



2.



# **A STUDY ON CHROMATIC AND EDGECHROMATIC NUMBER ON CARTESIAN PRODUCT OF BINARY TREES**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By  
**K.RAMADEVI**  
**(A18MMT25)**

Under the Guidance of

**MRS. L. JETHRUTH EMELDA MARY, M.Sc., M.Phil.,B.Ed.,**  
Assistant Professor,



**PG & REASEARCH DEPARTMENT OF MATHEMATICS**  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University),  
Cuddalore-607 001.SEPTEMBER 2020

### **CERTIFICATE**

This is to certify that the project on "**A STUDY ON CHROMATIC AND EDGE CHROMATIC NUMBER ON CARTESIAN PRODUCT OF BINARY TREES**" is a bonafide record of work done by **RAMADEVI.K (A18MMT25)**, under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE in MATHEMATICS.**



**Head of the Department**

**Project Supervisor**

**Place:**

**Date :**

**Examiners:**

1. 

2.

# **A STUDY ON INTUITIONISTIC FUZZY MODEL OPERATORS ON MEDICAL DIAGNOSIS**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirement for the degree  
of Master of Science in Mathematics

**By**

**RANJANI. S**

**(A18MMT26)**

Under the guidance of

Miss. KALAIMATHI, M.Sc., M.Phil.,

Assistant Professor,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607001**

**APRIL 2020**

## **CERTIFICATE**

---

This is to certify that the project on **“A STUDY ON INTUITIONISTIC FUZZY MODEL OPERATORS ON MEDICAL DIAGNOSIS”** is a bonafide record of work done by **RANJANI. S (A18MMT26)**, under my supervision and submitted to St. Joseph’s College of Arts & Science (autonomous), Cuddalore – 607001, affiliated to Thiruvallur University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS.**



**Head of the Department  
Supervisor**

**Project**

Place :

Date :

Examiners :

1. 

2.



# **A STUDY ON CURRENT ECONOMIC FACTORS OF RECESSION IN INDIA USING TRIANGULAR FUZZY MATRIX**

This project is submitted to St. Joseph's college of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**T. SANGEETHA**  
**(A18MMT27)**

Under the Guidance of  
**Mr. A. VENKATESAN, M.Sc., B.Ed., M.Phil., SET,**  
Assistant professor,



**PG & REASEARCH DEPARTMENT OF MATHEMATICS**  
**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**  
**Cuddalore-607 001.**  
**SEPTEMBER-2020**

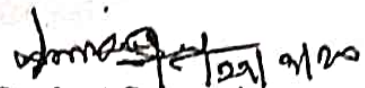
## CERTIFICATE

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This is to certify that the project on "A STUDY ON CURRENT ECONOMIC FACTORS OF RECESSION IN INDIA USING TRIANGULAR FUZZY MATRIX" is a bonafide record of work done by SANGEETHA. T (A18MMT27), under my supervision and submitted to St. Joseph's college of Arts and Science (autonomous), cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



Head of the Department



Project Supervisor

**A. VENKATESAN**  
Assistant Professor,  
Department of Mathematics,  
St. Joseph's College of Arts  
and Science (Autonomous),  
CUDALORE - 607 001.

Place:

Date:

Examiners:

1. 

2.

# **AN ANALYSIS OF SOYUZ 11 FAILURE USING COMBINED OVERLAP FUZZY COGNITIVE MAPPING METHOD**

This project is submitted to st.joseph's college of arts and science (Autonomous), in partially fulfilment of the requirements for the degree of Master of science in mathematician

**By**

**S. SARANYA**

**(A18MMT28)**

Under the guidance of

**Mr. T. Henson., M.Sc., M.Phil., B.Ed., PGDCA., M.Sc(IT).,**

**Assistant Professor.**



**PG&REASEARCH DEPARTMENT OF MATHEMATICS  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOUS)  
(Affiliated to Thiruvalluvar University )  
Cuddalore-607001.**

## CERTIFICATE

This is the certify that the project on "AN ANALYSIS OF SOYUZ 11 FAILURE USING COMBINED OVERLAP FUZZY COGNITIVE MAPPING METHOD" is a bonafide record of work done by S. SARANAYA (A18MMT28), under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore- 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



**Head of the Department**




**Project Supervisor**

Place:

Date:

Examiners:

1.



2.



# **A COMPARATIVE STUDY OF DEPRESSION AMONG STUDENTS OF MEDICINE, ENGINEERING AND ARTS & SCIENCE USING PENTAGONAL FUZZY MATRIX**

This project is submitted to St. Joseph's college of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**S. SHARMI PRIYA**  
**(A18MMT29)**

Under the Guidance of  
**Ms. M. KALAMATHI, M.Sc., B.Ed., M.Phil.,**  
Assistant professor.




**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)  
Cuddalore - 607 001.  
SEPTEMBER - 2020

## CERTIFICATE

This is to certify that the project on A Comparative Study of Depression among Students of Medicine, Engineering and Arts & Science using Pentagonal Fuzzy Matrix is a bonafide record of work done by S SHARMI PRIYA (A18MMT29), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS



**Project Supervisor**  
M.KALAIMATHI, M.Sc., M.Phil., B.Ed.,  
Assistant Professor of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



**Head of the Department**

Place:

Date:

Examiners:

1. 

2.

# **A STUDY ON CAUSES OF CYBER ADDICTION USING FUZZY RELATIONAL MATRIX**

This project is submitted to St. Joseph's college of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**B.S. SHATHYAASHREE**  
**(A18MMT30)**

Under the Guidance of

**Mr. A. VENKATESAN, M.Sc., B.Ed., M.Phil., SET,**  
Assistant professor,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University)**

**Cuddalore-607 001.**

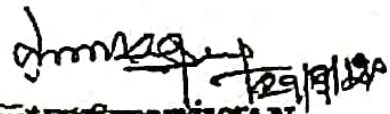
**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the project on "A STUDY ON CAUSES OF CYBER ADDICTION USING FUZZY RELATIONAL MATRIX" is a bonafide record of work done by "SHATHYAASHREE B.S." (A18MMT30), under my supervision and submitted to St. Joseph's college of Arts and Science (autonomous), cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



Head of the Department



**ARJUN K. MATHESAN**  
Assistant Professor,  
Department of Mathematics,  
St. Joseph's College of Arts and Science (autonomous),  
CUDDALORE - 607 001.

Place:

Date:

Examiners:

1. 
- 2.



**AN CRYPTOGRAPHY TECHNIQUE USING CEASER CIPHER BY  
DOUBLE AND TRIPLE COLUMNER TRANSPOSITION**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

**By**

**F.SHIRINE NAPHTHALINE PRIYA  
(A18MMT31)**

Under the Guidance of

**Dr. C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

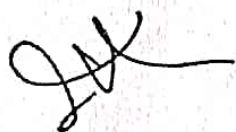
(Affiliated to Thiruvallur University)

**CUDDALORE-607 001**

**SEPTEMBER-2020**

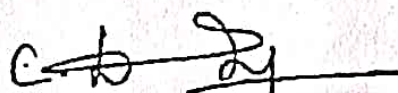
## CERTIFICATE

This is to certify that the project on "AN CRYPTOGRAPHY TECHNIQUE USING CEASER CIPHER BY DOUBLE AND TRIPLE TRASPOSITION" is a Bonafide record of work done by **F.SHIRINE NAPHTHALINE PRIYA (A18MMT31)**, under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)**, Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**Dr.J.JON AROCKIARAJ,**  
M.Sc.,M.Phil.,D.Ed.,PGDCA,Fa.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



**PROJECT SUPERVISOR**

Place:

Date:

**EXAMINERS:**

1.



2.



# **A STUDY ON CROPS YIELD LEVEL USING ANALYTIC HIERARCHY PROCESS (AHP)**

This project is submitted to the

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

In partial fulfillment of the requirement  
for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. SOWNDARYA  
(A18MMT32)**

Under the Guidance of

**Mr. S. JOHNSON SAVARIMUTHU, M.Sc., M.Phil., B.Ed.,**  
Assistant Professor, PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607 001**

**SEPTEMBER-2020**

## CERTIFICATE

This is the certify that the project on "A STUDY ON CROPS YIELD LEVEL USING ANALYTIC HIERARCHY PROCESS (AHP)" is abonafide record of work done by S.SOWNDARYA (A18MMT32), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT  
GUIDE



PROJECT  
S.JOHNSON SAVARIMUTHU  
Assistant Professor M.Sc., M.Phil., B.Ed.,  
PG & Research Department of Mathematics  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Place: Cuddalore

Date :

EXAMINERS:

1.



2.



# **A STUDY ON PROBLEMS FACED BY FARMERS IN PENTAGONAL INTUITIONISTIC FUZZY NUMBER USING TOPSIS METHOD**

This project submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partial fulfillment of the requirements for the award of  
the degree of Master of Science in Mathematics

By

**A.SUBHASHINI**

**(A18MMT33)**

Under the guidance of

**Mrs. D. RAMYA, M.Sc., B.Ed., M.Phil.,**

Assistant Professor



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University)

**CUDDALORE – 607 001.**

**SEPTEMBER -2020**

## CERTIFICATE

---

This is to certify that the project on "A STUDY ON PROBLEMS FACED BY FARMERS IN PENTAGONAL INTUITIONISTIC FUZZY NUMBER USING TOPSIS METHOD" is a bonafide record of work done by A. SUBHASHINI (A18MMT33), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvallur University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS



Head of the Department



Project Supervisor

Place: cuddalore

Date: 01.10.2020

Examiners:

1.



2.

# **A STUDY ON GROUP DECISION MAKING USING FUZZY ELECTRE I METHOD**

**This project is submitted to the  
PG & RESEARCH DEPARTMENT OF MATHEMATICS**

*in partial fulfillment of the requirements*

for the award of the degree of

**MASTER OF SCIENCE IN MATHEMATICS**

By

**S. SUJALAKSHMI**

**(A18MMT34)**

Under the Guidance of

**Dr. J. JON AROCKIARAJ, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.**

Vice principal & Head of the department,



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**CUDDALORE – 607 001**

**SEPTEMBER 2020**

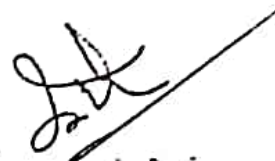
## CERTIFICATE

This is to certify that the dissertation on "A STUDY ON GROUP DECISION MAKING USING FUZZY ELECTRE I METHOD" is a bonafide record of work done by S. SUJALAKSHMI (A18MMT34) under my supervision and submitted to St. Joseph College of Arts and Science (Autonomous), Cuddalore - 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

Dr. J. JON AROCKIARAJ,  
M.Sc., M.Phil., B.Ed., PODCA, Ph.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.  
Date: 30.09.2020



PROJECT GUIDE

Dr. J. JON AROCKIARAJ,  
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Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.

Examiners:

1.



2.



# **DOUBLE ENCRYPTION AND DECRYPTION PROCESS USING INTEGRAL TRANSFORMS IN CRYPTOGRAPHY**

This project is submitted to St. Joseph's College of Arts and Science  
(Autonomous), in partially fulfillment of the requirement for the  
degree of Master of Science in Mathematics.

By

**R.SUJEETHA  
(A18MMT35)**

Under the guidance of

**Dr .C. DEVI SHYAMALA MARY, M.Sc., B.Ed., M.Phil., Ph.D.,  
Assistant Professor,**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University)**

**Cuddalore - 607 001.**

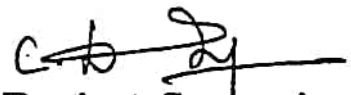
**SEPTEMBER - 2020.**

## CERTIFICATE

This is to certify that the project on "DOUBLE ENCRYPTION AND DECRYPTION PROCESS USING INTEGRAL TRANSFORMS IN CRYPTOGRAPHY" is a bonafide record of work done by "SUJEETHA.R" (A18MMT35), under my supervision and submitted to St.Joseph's College of Arts and Science (Autonomous), Cuddalore-607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



Head of the Department



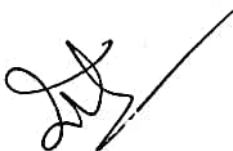
Project Supervisor

Place: Cuddalore

Date: 01.10.2020

Examiners:

1.



2.

**A STUDY ON DISTANCE -2 DOMINATING SET ON SOME STANDARD  
GRAPH**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

By

**S.SUSHMITHA  
(A18MMT36)**

Under the Guidance of

**Mrs.R.PADMA PRIYA, M.Sc., M.Phil., B..Ed., PGDCA.,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvallur University)


**CUDDALORE-607 001**

**SEPTEMBER-2020**



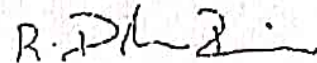
## CERTIFICATE

This is to certify that the project on "A STUDY ON DISTANCE -2 DOMINATING SET ON SOME STANDARD GRAPHS" is a Bonafide record of work done by S.SUSHMITHA (A18MMT36), under my supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



HEAD OF THE DEPARTMENT

Dr.J.JON AROCKIARAJ,  
M.Sc., M.Phil., D.Ed., PGDCA, Ph.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.




PROJECT SUPERVISOR

Place:

Date:

EXAMINERS:

1.



2.



# **FUZZY RELATIONAL EQUATIONS OF MAXIMUM-ADDITION COMPOSITION**

This project is submitted to St. Joseph's College of Arts & Science  
(Autonomous), in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**S. SWATHI SRI**  
**(A18MMT37)**

**Under the Guidance of**

**Dr. S. ANJAL MOSE, M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.,**  
**Assistant Professor,**



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
**(Affiliated to Thiruvalluvar University)**  
**Cuddalore - 607 001.**

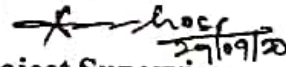
**SEPTEMBER - 2020**

## CERTIFICATE

This is to certify that the project on "FUZZY RELATIONAL EQUATIONS OF MAXIMUM-ADDITION COMPOSITION" is a bonafide Record of work done by S.SWATHI SRI (A18MMT37), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore - 607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE in MATHEMATICS.



Head of the Department



Project Supervisor

Place:

Date:

Examiners:

1.



2.

**FUZZY RELATIONAL EQUATIONS OF MINIMUM-ADDITION  
COMPOSITION**

This project is submitted to  
St Joseph's College of Arts & Science (AUTONOMOUS),

Affiliated to

Thiruvalluvar University, Vellore

In partial fulfillment of the requirement

For the award of the degree of

**Master of Science**

**In**

**Mathematics**

By

**S.TAMILSELVI  
(A18MMT38)**

Under the Guidance of

**Mr.T.HENSON, M.Sc., M.Phil., B.Ed.,PGDCA., M.Sc(IT).,**

Assistant Professor, PG & Research Department of Mathematics.



**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOUOUS)**

(Affiliated to Thiruvallur University)

**CUDDALORE-607 001.**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the project on “**FUZZY RELATIONAL EQUATIONS OF MINIMUM-ADDITION COMPOSITION**” is a Bonafide record of work done by **S.TAMILSELVI(A18MMT38)**, under my supervision and submitted to **St. Joseph's College of Arts & Science (Autonomous)**, Cuddalore – 607 001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS**.



**HEAD OF THE DEPARTMENT**

**Dr.J.JON AROCKIARAJ,**  
M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D.,  
Vice - Principal &  
Head, Department of Mathematics,  
' St. Joseph's College of Arts & Science (Autonomous)  
Cuddalore - 607 001.



**PROJECT SUPERVVISOR**

Place:

Date:

EXAMINERS:

1.



2.



# **A STUDY ON SQUARE DIFFERENCE LABELING ON ITS SPECIAL GRAPH**

This project is submitted to St. Joseph's College of Arts & Science (Autonomous),  
in partially fulfillment of the requirement for the degree of  
Master of Science in Mathematics

By

**V.VANITHA**

**(A18MMT40)**

Under the Guidance of

**Mr. R. JULIAN FRANCIS, M.Sc., M.Ed., M.Phil.,**

Assistant Professor,

PG & Research Department of Mathematics



**PG & RESEARCH DEPARTMENT OF MATHEMATICS  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University, Vellore),  
Cuddalore-607 001.**

**September-2020**

# CERTIFICATE

This is to certify that the project on "A STUDY ON SQUARE DIFFERENCE LABELING ON ITS SPECIAL GRAPH" is a bonafide record of work done by VANITHA.V (A18MMT40), under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore-607001, affiliated to Thiruvalluvar University, Vellore, in partial fulfillment for the award of the degree of MASTER OF SCIENCE IN MATHEMATICS.



Head of the Department

Place: Cuddalore

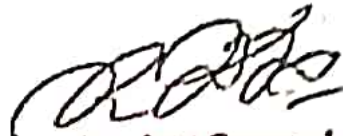
Date:

Examiners:

1.



2.



Project Supervisor

**JULIAN FRANCIS, R.**

B.Sc., M.Phil., M.A.,

ASSISTANT PROFESSOR OF MATHEMATICS

ST. JOSEPH'S COLLEGE OF ART & SCIENCE

CUDDALORE - 607 001.

# **CITY BUS MANAGEMENT SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by**

**T.AKASH**

**[A17CSDA01]**

**S.AKILAN**

**[A17CSDA02]**

**Under the Guidance of**

**Dr.M.ARUMAI SELVAM., M.Sc.(Maths),M.Sc.(CS), M.Phil.(CS),PGDCA., Ph.D.,**

**(Principal & Head, PG and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**



# CERTIFICATE

This is to certify that the Mini Project entitled

## CITY BUS MANAGEMENT SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**T.AKASH**

**[A17CSDA01]**

**S.AKILAN**

**[A17CSDA02]**


For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE


Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

### INTERNAL GUIDE

  
M. ARUMAISELVAM, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.  
Head of the Department  
Department of Comp-Sci  
St. Joseph's College of Arts and Science, (Autonomous)  
Cuddalore - 607 001

### HEAD OF THE DEPARTMENT

  
M. ARUMAISELVAM, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.  
Head of the Department  
Department of Comp-Sci  
St. Joseph's College of Arts and Science, (Autonomous)  
Cuddalore - 607 001

Submitted for the viva-voice examination held on 1-10-2020

Examiners:

1. 

2. 



# **ONLINE VOTING SYSTEM**

A Mini Project Report Submitted for the partial fulfillment for the award of degree of

**BACHELOR SCIENCE IN COMPUTER SCIENCE**

by

**A.ANISH**

**M.GOKUL**

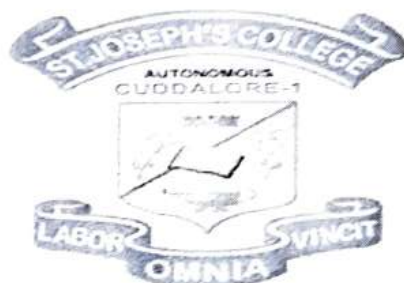
**[A17CSDA04]**

**[A17CSDA19]**

**Under the Guidance of**

**Dr.R.Vidya , M.Sc.,B.Ed.,M.Phil.,PGDCA.,Ph.D.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated To Thiruvalluvar University-Vellore)**

**CUDDALORE-607001**

## CERTIFICATE

This is to certify that the Mini Project entitled "ONLINE VOTING SYSTEM" being submitted to the **St. Joseph's College of Arts and Science (Autonomous)**, Affiliated to Thiruvalluvar University-Vellore.

By,

**A.ANISH**

**[A17CSDA04]**

**M.GOKUL**

**[A17CSDA19]**

For the partial fulfillment for the award of degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**, Is a Bonafide record of work carried out by them, under my guidance and supervision.

*R. Vidya*

**INTERNAL GUIDE**

**Dr. R. VIDYA**, M.Sc., M.Phil., Ph.D.,  
ASSISTANT PROFESSOR,  
PG & RESEARCH DEPT. OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001.

*Arumaiselvam*

**HEAD OF THE DEPARTMENT**

**ARUMAISELVAM**, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.,  
Head of the Department  
Department of Comp-Sci.,  
St. Joseph's College of Arts and Science, (Autonomous)  
CUDDALORE - 607 001.

Submitted for the viva-voce examination held on 1-10-2020

**Examiners:**

1. *R. Vidya*

2. *R. Vidya*

# **DIABETES PREDICTION USING MACHINE LEARNING**

A Mini Project Report Submitted for the partial fulfillment for the award of degree of

**BACHELOR SCIENCE IN COMPUTER SCIENCE**

by

**R. ARAVIND**

**[A17CSDA05]**

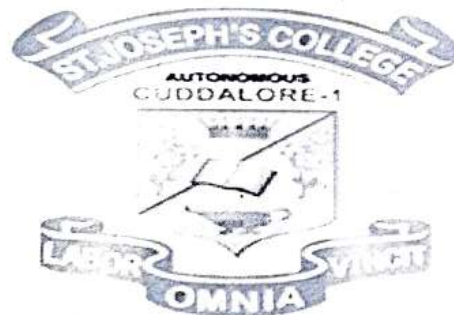
**K. ARULKUMAR**

**[A17CSDA06]**

**Under the Guidance of**

**Dr.R.Vidya , M.Sc.,B.Ed.,M.Phil.,PGDCA.,Ph.D.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(Affiliated To Thiruvalluvar University-Vellore)**

**CUDDALORE-607001**

## CERTIFICATE

This is to certify that the Mini Project entitled "DIABETES PREDICTION USING MACHINE LEARNING" being submitted to the St. Joseph's College of Arts and Science (Autonomous), Affiliated to Thiruvalluvar University-Vellore.

By,

R.ARAVIND

[A17CSDA05]

K.ARULKUMAR

[A17CSDA06]

For the partial fulfillment for the award of degree of BACHELOR OF COMPUTER SCIENCE,  
Is a Bonafide record of work carried out by them, under my guidance and supervision.

  
INTERNAL GUIDE

Dr. R. VIDYA, M.Sc., M.Phil., Ph.D.,  
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PG & RESEARCH DEPT. OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001.

  
HEAD OF THE DEPARTMENT

M. ARUNDHAVAN, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.,  
Head of the Department  
Department of Comp-Sci.,  
St. Joseph's College of Arts and Science, (Autonomous)  
CUDDALORE - 607 001.

Submitted for the viva-voce examination held on 08/01/2021

Examiners:

1. 

2. 



# **NOTES MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

**A.ARULMURUGAN**

**R.ARUNKUMAR**

**[A17CSDA07]**

**[A17CSDA08]**

**Under the Guidance of**

**Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### NOTES MANAGEMENT SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**A.ARULMURUGAN**

**R.ARUNKUMAR**

**[A17CSDA07]**

**[A17CSDA08]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



**INTERNAL GUIDE**

Dr. T. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D.  
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Submitted for the viva-voce examination held on 1-10-2020

**Examiners:**

1. -----

2.  -----

# **INTERIOR AND EXTERIOR DESIGNS**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**S.AVINASH**

**[A17CSDA09]**

**M.BALAGURU**

**[A17CSDA10]**

**Under the Guidance of**

**Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

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### INTERIOR AND EXTERIOR DESIGNS

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**S.AVINASH**

**M.BALAGURU**

**[A17CSDA09]**

**[A17CSDA10]**


For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

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**Dr. T. MIRANDA LAKSHMI**, M.A., M.Phil., Ph.D.  
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Submitted for the viva-voce examination held on 21/10/2018

#### Examiners:

1. 

2. 



# **CAR BOOKING MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted by

**B.BIHARANIDHARAN**

**(A17CSDA12)**

**&**

**M.BALAMURUGAN**

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Under The Guidance Of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**SEPTEMBER-2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## CAR BOOKING MANAGEMENT SYSTEM

Being submitted to St. Joseph's College of Arts and Science (Autonomous),

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B.BHARANIDHARAN

(Register Number: AI7CSDA12)

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## BACHELOR OF COMPUTER SCIENCE

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INTERNAL GUIDE

  
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1-10-2020

Assistant Professor  
Department of Computer Science

Examiners:

1. 

2. 

St. Joseph's College of Arts and Science (Autonomous)  
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# **ONLINE ART GALLERY**

**A Mini Project Report**

**Submitted for the partial fulfillment for  
the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

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**D.BOOPATHY**

**[A17CSDA13]**

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**CUDDALORE-607001**

**SEPTEMBER -2020**



# CERTIFICATE

This is to certify that the Mini Project entitled

## ONLINE ART GALLERY

Being submitted to the St. Joseph's College of Arts and Science

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For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

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**Examiners:**

1. \_\_\_\_\_

2. \_\_\_\_\_

Submitted for the viva-voce examination held on **12-04-2017**



# **INTERNATIONAL CONFERENCE WEBSITE**

A Mini Project Report

In partial fulfilment for the award of degree

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

**V. CHINMAYAN (A17CSDA16)**

**F. CHARLES AJAY (A17CSDA15)**

Under the Guidance of

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**CUDDALORE-607 001**

**MAY -2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## INTERNATIONAL CONFERENCE WEBSITE

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

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**V. CHINMAYAN(A17CSDA16)**

**F. CHARLES AJAY(A17CSDA15)**

For the partial fulfilment for the award of degree of


## BACHELOR OF SCIENCE

IN

## COMPUTER SCIENCE

isbonafide record of work carried out by them,

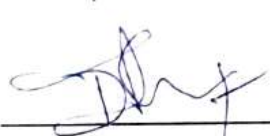
Under my guidance and supervision

  
**Internal Guide**  
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Vellore  
01/10/2020

Submitted for the viva-voice examination held on.....

### Examiners:

• \_\_\_\_\_  
•  \_\_\_\_\_

# **STEALTH SECURITY**

A Mini Project Report

In partial fulfilment for the award of degree

## **BACHELOR OF SCIENCE**

IN

## **COMPUTER SCIENCE**

**K. HARIHARARAJ (A17CSDA20)**

**S. JABASEELAN (A17CSDA21)**

Under the Guidance of

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**CUDDALORE-607 001**

**MAY -2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## STEALTH SECURITY

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

By

**K. HARIHARARAJ(A17CSDA20)**

**S. JABASEELAN(A17CSDA21)**

For the partial fulfilment for the award of degree of

## BACHELOR OF SCIENCE

IN

## COMPUTER SCIENCE

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Submitted for the viva-voice examination held on 20/05/2020

### Examiners:

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•   
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# **BLOOD BANK MANAGEMENT SYSTEM**

A Mini Project Report Submitted for  
The partial fulfilment for the award of degree

## **BACHELOR OF COMPUTER SCIENCE**

**P. KALAI SELVAN (A17CSDA22)**

**A. KAMALAKANNAN(A17CSDA23)**

Under the Guidance of

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**POST GRADUATE AND RESEARCH  
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**APRIL -2020**

## CERTIFICATE

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### BLOOD BANK MANAGEMENT SYSTEM

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

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**P. KALAI SELVAN (A17CSDA22)**

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For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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01/10/2020

Submitted for the viva-voice examination held on.....

#### Examiners:

1. \_\_\_\_\_

2. \_\_\_\_\_

# **ONLINE FURNITURE SHOPPING SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**B. KARTHICK (Reg No: A17CSDA24)**

**P. KARTHICK (Reg No: A17CSDB25)**

Under the Guidance of

**Mr. A. ARUN BENEDICT., M.Sc., M.Phil.,**

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**May -2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### ONLINE FURNITURE SHOPPING SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University – Vellore)

By

**B. KARTHICK** (Reg No: A17CSDA24)


**P. KARTHICK** (Reg No: A17CSDA25)

For the partial Fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under My guidance and supervision.

  
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**CUDALORE - 607 001**  
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04/10/2020

Examiners:

1. 

2. 



# **SPECIAL COURSE MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**R.MAKENTHIRA VARMAN**

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**[A17CSDA27]**

Under the Guidance of

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2020**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**SPECIAL COURSE MANAGEMET SYSTEM**

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
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By

**R.MAKENTHIRA VARMAN**

**S.MANIKANDAN**

**[A17CSDA26]**

**[A17CSDA27]**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.


  
**INTERNAL GUIDE**

**Assistant Professor**

**P.G. & Research Department of Computer Science**

**St. Joseph's College of Arts & Science (Autonomous)**

Submitted for the viva-voce examination held on -----  
CUDDALORE - 607 001.

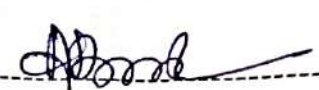
  
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Head of the Department  
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Cuddalore - 607 001

01/10/2020

**Examiners:**

1. 

2. 

# **ATM FACE RECOGNITION**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted by

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**M.MOHAMED JEMSHITH (Reg No: A17CSDA29)**

Under the Guidance of

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**CUDDALORE- 607001**

**April-2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ATM FACE RECOGNITION

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

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By

**M.MOHAMED AMEEN (Reg No: A17CSDA28)**

**M.MOHAMED JEMSHITH (Reg No: A17CSDA29)**

For the partial Fulfillment for the award of degree of


## BACHELOR OF COMPUTER SCIENCE

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Cuddalore

Submitted for the viva-voce examination on 18/1/2020

**Examiners:**

1.

2. 



# **TRAVERSA**

A Mini Project Report

In partial fulfilment for the award of degree

## **BACHELOR OF COMPUTER SCIENCE**

**U. MURALIDHARAN(A17CSDA30)**

**S. NAVEENKUMAR(A17CSDA31)**

Under the Guidance of

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APRIL -2020**

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This is to certify that the Mini Project entitled

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Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

by

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For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

is bonafide record of work carried out by them,

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**Internal Guide**

  
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Submitted for the viva-voice examination held on... 10/01/2020

**Examiners:**

1. \_\_\_\_\_

2.  \_\_\_\_\_

# **ONLINE STUDENT FORUM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**S.NAVEEN KUMAR (Reg No: A17CSDA32)**

**R.NOAH DELEROCK (Reg No: A17CSDA33)**

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(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### ONLINE STUDENT FORUM

Being submitted to

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(Affiliated to Thiruvalluvar University – Vellore)

By

**S.NAVEEN KUMAR (Reg No: A17CSDA32)**

**R.NOAH DELEROCK (Reg No: A17CSDA33)**

For the partial Fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by his,

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**Internal Guide**

**Dr. A.VICTORIA ANAND MARY** M.C.A., M.P.H., S.E.I., SET, Ph.D.,

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**Examiners:**

- 1.
- 2.



# **AIRLINE RESERVATION SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

**A. PARTHIPAN**

**V.PRABAKARAN**

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**[A17CSDA35]**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**

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### AIRLINE RESERVATION SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

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By

**A. PARTHIPAN**

**V. PRABAKARAN**

**[A17CSDA34]**

**[A17CSDA35]**

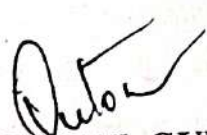
For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE


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Under my guidance and supervision.

#### INTERNAL GUIDE


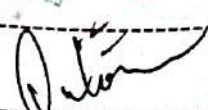
  
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Submitted for the viva-voice examination held on ---Department of Comp. Sci.---  
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#### Examiners:

1. 
2. 

# **DIGITAL PORTICO**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**V.PRASANA KUMAR**

**(A17CSDA36)**

**S. PRAVEEN**

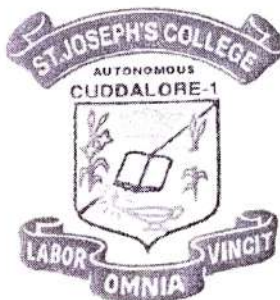
**(A17CSDA37)**

Under the Guidance of

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**CUDDALORE- 607001**

**APRIL – 2020**

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## DIGITAL PORTICO

Being submitted to

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(Affiliated to Thiruvalluvar university – vellore)

By

**V.PRASANA KUMAR & S. PRAVEEN**

(A17CSDA36)

(A17CSDA37)

For the partial Fulfillment for the award of degree of

## BACHELOR OF SCEINCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under My guidance and supervision.



### INTERNAL GUIDE

**S. ANTONY JONES, M.C.A., M.Phil.,**  
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CUDDALORE - 607 001

Submitted for the viva-voce examination on

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### Examiners:

1. 

2. 



# **PDK FOUNDATIONS**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

B.PUNITH KUMAR(A17CSDA38)

S.RAJASEKAR(A17CSDA39)

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(Post Graduate and Research Department of Computer science)



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE-607001

MAY-2020

# CERTIFICATE

This is to certify that the Mini-Project entitled

## PDK FOUNDATIONS

Being submitted to

### ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

(Affiliated to Thiruvalluvar University-Vellore)

Submitted by

B.PUNITH KUMAR

(A17CSDA38)

S.RAJASEKAR

(A17CSDA39)

For the Partial Fulfillment For the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,  
under my guidance and supervision



#### INTERNAL GUIDE

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Cuddalore - 607 001.

#### EXAMINERS:



1. ....



2. ....

# **SHOPBUDDY**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**R .RAJKUMAR**

**(A17CSDA40)**

**J. RAJ VIGNESH**

**(A17CSDA41)**

Under the Guidance of

**Dr. S. MUTHUKUMARAN M.Sc.(IT)., M.Phil., Ph.D.,**

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**PG & RESEARCH DEPARTMENT OF COMPUTER**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University - Vellore)**

**CUDDALORE- 607001**

**APRIL - 2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## SHOPBUDDY

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

**R. RAJKUMAR**

(A17CSDA40)

**J. RAJ VIGNESH**

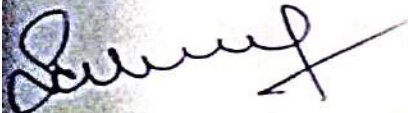
(A17CSDA41)

For the partial Fulfillment for the award of degree of

## BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under My guidance and supervision.



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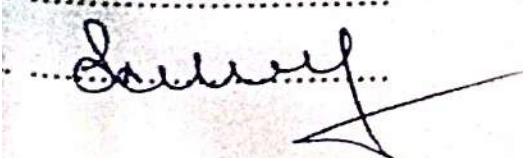
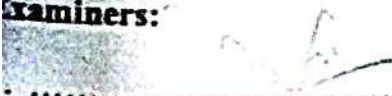
Department of Computer Science

St. Joseph's College of Arts and Science, (Autonomous),

Cuddalore - 607 001.

Submitted for the viva-voce examination on 01/10/2020

**Examiners:**





A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

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**S.SANTHOSH**

**(A17CSDA44)**

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**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

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**APRIL - 2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

E-LEARNING SYSTEM

Being submitted to

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(A17CSDA43)

S.SANTHOSH

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**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

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Cuddalore - 607 001.

Submitted for the viva-voce examination on

01 / 10 / 2020

**Examiners:**

1.

2. 

# **ONLINE ADVERTISEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

by

**R.SATHEESHKUMAR**

**[A17CSDA45]**

**R.SHARMA**

**[A17CSDA46]**

**Under the Guidance of**

**Mrs.J.HEMALATHA , M.Sc (IT),M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**May - 2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE ADVERTISEMENT SYSTEM

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University – Vellore)**

By

**R.SATHEESHKUMAR**

**R.SHARMA**

**[A17CSDA45]**


**[A17CSDA46]**

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

  
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Submitted for the viva-voce examination held on 10/1/2020 at Cuddalore-607 001.

**Examiners:**

1. \_\_\_\_\_

2.  \_\_\_\_\_



# **ONLINE CAR SALE AND SERVICE SYSTEM**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

SIVANANTHAM(A17CSDA47)

S.SRINIVASAN(A17CSDA49)

Under the Guidance of

**MRS.J.HEMALATHA, MSC[IT]., M.PHIL.,**

Assistant Professor

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE-607001

MAY-2020

# CERTIFICATE

This is to certify that the Mini-Project entitled  
**ONLINE CAR SALE AND SERVICE SYSTEM**  
Being submitted to  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University-Vellore)

Submitted by  
**SIVANANTHAM**  
(A17CSDA47)  
**S.SRINIVASAN**  
(A17CSDA49)

For the Partial Fulfillment For the award of degree of

## BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,  
under my guidance and supervision



INTERNAL GUIDE



HEAD OF THE

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Cuddalore-- 607 001.

Submitted for the viva -voce examination  
on... 10/1/2017 .....

EXAMINERS:

1.  .....

2.  .....

# **HOME RENTAL AND PROPERTY LISTING**

A Mini Project Report  
In partial fulfilment for the award of degree

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**P.THANIGAIVELAN [A17CSDA52]  
N.SURYA [A17CSDA51]**

Under the Guidance of

**Mrs. V. SUDHA., M.Sc(IT)., M.Phil., PhD.,**

(Assistant Professor, PG and Research Department of Computer Science)



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)  
CUDDALORE-607 001**

**MAY -2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

# HOME RENTAL AND PROPERTY LISTING

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

By

**P.THANIGAIVELAN |A17CSDA52|**

**N.SURYA [A17CSDA51]**

For the partial fulfilment for the award of degree of

**BACHELOR OF SCIENCE**

IN

## COMPUTER SCIENCE

is bonafide record of work carried out by them.

Under my guidance and supervision

  
Internal Guide

Assistant Professor

P.G. & Research Department of Computer Science

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CUDDALORE - 607 001.

Submitted for the viva-voice examination held on.. 01/10/2020

**Head of the Department**

1A. ~~AKUMAISELVAM~~, M.Sc.(Math), M.Sc.(Comp. Sci.)

Head of the Department

Department of Comp-Sci.

St. Joseph's College of Arts and Science, (Autonomous),

on..01/10/2020

**Examiners:**

aminers:                     

Smithe



# **CAREER BUILDING EXPERT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

**M.VELAN**

**[A17CSDA53]**

**M.VIGNESH**

**[A17CSDA54]**

Under the Guidance of

**Mrs.V.SUDHA , M.Sc.,M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE COLLEGE DIRECTORY MANAGEMENT

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**M.VELAN**

**M.VIGNESH**

**[A17CSDA53]**


**[A17CSDA54]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

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Assistant Professor

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Submitted for the viva-voce examination held on 01/10/2020

**Examiners:**

1. 

2. 

# **PETS SHOP**

## **A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by**

**K.VIKRAMAN**

**S.VISHNURAM**

**[A17CSDA56]**

**[A17CSDA57]**

**Under the Guidance of**

**Ms. D.ALICE ILAMATHY ALEXIS, M.Sc., B.Ed.(CS),M.PHIL.,  
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### PETS SHOP

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

Submitted By

K.VIKRAMAN

S.VISHNURAM

[A17CSDA56]


[A17CSDA57]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**  
D. ALICE ILAMATHY ALEXIS, M.Sc., B.Ed., M.Phil.,  
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Cuddalore - 607 001.

Examiners:

1. 

2. 



# **ONLINE ATTENDANCE SYSTEM**

A Mini Project Report

In partial fulfilment for the award of degree

**BACHELOR OF SCIENCE**

IN

**COMPUTER SCIENCE**

**K. VIVEKANANTHAN (A17CSDA58)**

**B. YOUVARAJ (A17CSDA59)**

Under the Guidance of

**Ms. D. Alice Ilamathy Alexis, M.Sc., B.Ed.(CS)., M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY – 2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE ATTENDANCE SYSTEM

Being Submitted to St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

By

**K. VIVEKANANTHAN (A17CSDA58)**

**B. YOUVARAJ (A17CSDA59)**

For the partial fulfilment for the award of degree of

### BACHELOR OF SCIENCE

IN

### COMPUTER SCIENCE

is bonafide record of work carried out by them,

Under my guidance and supervision



**Internal Guide**

**D. ALICE ILAMATHY ALEXIS, M.Sc., B.Ed., M.Phil.,**

Assistant Professor

P.G. & Research Dept. of Computer Science

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Cuddalore



**Head of the Department**

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Head of the Department

Department of Comp-Sci

St. Joseph's College of Arts and Science, (Autonomous)  
Cuddalore - 607 001.

**Examiners:**

• 

• 

**Sjc cuddalore IN ANDROID**  
**A Mini Project Report**  
**Submitted for the partial fulfillment for**  
**The award of degree of**  
**BACHELOR OF COMPUTER SCIENCE**

By

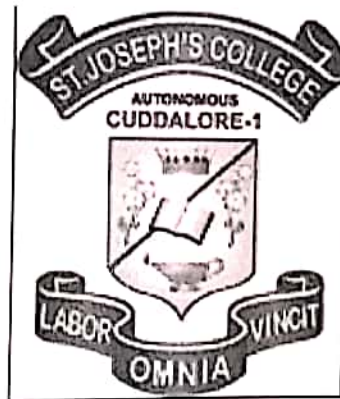
**S.ARIHARAN( A17CSDA61)**

**K.VIJAY( A17CSDA63)**

Post the Guidance of

**Mr.J.AntonyDaniel Rex MCA.,Mphil.,**

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POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)

**CUDDALORE-607001**

**April-2020**

# CERTIFICATE

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## SJC CUDDALORE IN ANDROID

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

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By

S.ARIHARAN( A17CSDA61)

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For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER SCIENCE

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10/10/2020

**Examiners:**

1. 

2. 



# **E-COMMERCE IN ANDROID**

A Mini Project Report

Submitted for the partial fulfilment for

The award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

By

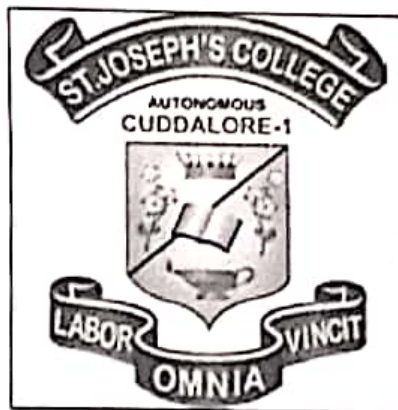
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CUDDALORE-607001

**April-2020**

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### BACHELOR OF COMPUTER SCIENCE

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Cuddalore - 607 001.

**Examiners:**

1. \_\_\_\_\_

2. \_\_\_\_\_

# **ONLINE RESUME BUILDER**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

Submitted by

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**V.AKASH (Reg No: A17CSDB02)**

**R.AMRISH KANTH (Reg No: A17CSDB03)**

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(Post Graduate and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE RESUME BUILDER

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

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By

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**Assistant Professor**  
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Internal Guide  
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*Head of the Department,*  
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CUDDALORE - 607 001  
**Head of the Department**

Submitted for the viva-voce examination on 1-10-2020

Examiners:



1. \_\_\_\_\_  
2. 



# **INCREDIBLE TOURS AND TRAVELS**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**R.ANBU**

**V.ANBUMANI**

**[A17CSDB04]**

**[A17CSDB05]**

Under the Guidance of

**Dr.R.Vidya, M.Sc.,B.Ed.,M.Phil.,PGDA.,Ph.D.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**SEPTEMBER -2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled  
**INCREDIBLE TOURS AND TRAVELS**

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
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By

**R.ANBU**

**V.ANBUMANI**

**[A17CSDB04]**

**[A17CSDB05]**

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*Head of the Department,*

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HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1. \_\_\_\_\_

2. \_\_\_\_\_

# **DETAILS OF COMPUTER SCIENCE DEPARTMENT**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**P. ARANGANAYAGAN ( Reg No: A17CSDB06)**

**M. ARUL DOSS ( Reg No : A17CSDB07)**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### DETAILS OF COMPUTER SCIENCE DEPARTMENT

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

P. ARANGANAYAGAN ( Reg No: A17CSDB06)

M. ARUL DOSS ( Reg No : A17CSDB07)


For the partial Fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafede record of work carried out by them,

Under My guidance and supervision.

  
Assistant Professor  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001.  
Internal Guide

  
Head of the Department,  
DEPARTMENT OF COMPUTER SCIENCE  
St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDDALORE - 607 001.  
Head of the Department

Submitted for the viva-voce examination on 1/10/2020

Examiners:

1. 
2. 



# **ONLINE SPORTS STORE**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**V.BALAJI**

**S.BALA MURUGAN**

**[A17CSDB09]**

**[A17CSDB08]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY - 2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE SPORTS STORE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University- Vellore)

By

V.BALAJI

S.BALA MURUGAN

[A17CSDB09]

[A17CSDB08]


For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**Assistant Professor**  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
CUDALORE - 607 001.  
**INTERNAL GUIDE**

  
**Head of the Department,**  
DEPARTMENT OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE,  
CUDALORE

Submitted for the viva-voce examination held on

1/10/2020

Examiners:

1. \_\_\_\_\_

2. \_\_\_\_\_

# **ONLINE FOOD ORDERING SYSTEM**

**A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A.CHANDRU**

**(A17CSDB10)**

**V.CHANDRU**

**(A17CSDB11)**

Under the Guidance of

**Dr.T.Miranda Lakshmi, M.Sc.,M.Phil.,Ph.D.,**

Assistant Professor

(Post Graduate and Research Department of Computer science)



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)  
CUDDALORE-607001

**MAY-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled  
**ONLINE FOOD ORDERING SYSTEM**

Being submitted to the  
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(AUTONOMOUS)**

Affiliated to Thiruvalluvar University-Vellore.

Submitted by

**A.CHANDRU**

**V.CHANDRU**

**(A17CSDB10)**

**(A17CSDB11)**

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**P.G. & Research Department of Computer Science**

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**CUDALORE - 607 001.**

*Head of the Department.*  
DEPARTMENT OF COMPUTER SCIENCE.  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDALORE - 607 001.  
**HEAD OF THE DEPARTMENT**

Submitted for the viva -voce examination on.....1/10/2020.....

**EXAMINERS:**

1. ....

2. ....



**PUBLIC UTILITY PORTAL**

**A Mini- Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF COMPUTER SCIENCE**

**Submitted by**

**R.DEEPAK (Reg No: A17CSDB12)**

**K.DEEPAN SAKKARAVARTHI (Reg No: A17CSDB13)**

**Under the guidance of**

**Mrs. C. CHRISTY M.C.A., M.Phil.,SET.**

**(Assistant professor, Post Graduate and Research Department of Computer Science)**



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**(AUTONOMOUS)**

**CUDDALORE-607001**

**SEPTEMBER-2020**

**CERTIFICATE**

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**PUBLIC UTILITY PORTAL**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**

**(Affiliated to Thiruvalluvar University-Vellore)**

Submitted by

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**K.DEEPAN SAKKARAVARTHI (Reg No: A17CSDB13)**


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Under my guidance and supervision

  
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P.G. & Research Department of Computer Science  
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**INTERNAL GUIDE**

  
Head of the Department,  
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St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDDALORE - 607 001.  
**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination on 1-10-2020

**Examiners:**

1. 

2. 

# **ONLINE BIKE RENTAL**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**P.DHINESH KUMAR (Reg No: A17CSDB14)**

**S.GANESH (Reg No: A17CSDB15)**

Under the Guidance of

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**CUDDALORE- 607001**

**April-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### ONLINE BIKE RENTAL

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

**P. DHINESH KUMAR (Reg No: A17CSDB14)**


**S. GANESH (Reg No: A17CSDB15)**


For the partial Fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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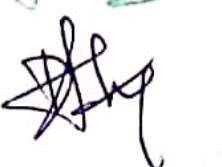
Under My guidance and supervision.

  
**Assistant Professor**  
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**Head of the Department**

Submitted for the viva-voce examination on 1-10-2020

#### Examiners:

1. 
2. 



# **BIKE RESALES AND SPARES**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

**S.HARIPRASATH**

**[A17CSDB16]**

**A.HONEST RUBAN**

**[A17CSDB17]**

Under the Guidance of

**Mrs.M.A.Maria Parimala., M.C.A.,M.Phil.,**

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**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### BIKE RESALE AND SPARES

Being submitted to the

**St. Joseph's College of Arts and Science (Autonomous),**

**Affiliated to Thiruvalluvar University-Vellore.**

By

**S.HARIPRASATH**

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**[A17CSDB16]**

**[A17CSDB17]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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**Assistant Professor**

**P.G. & Research Department of Computer Science  
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INTERNAL GUIDE**

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**Head of the Department.**

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KADAPURU - 607 001.  
HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 11/10/2020

**Examiners:** *[Signature]*

1. \_\_\_\_\_

2. *[Signature]*

# **ONLINE FRUIT AND HERBS SHOPPING**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

By

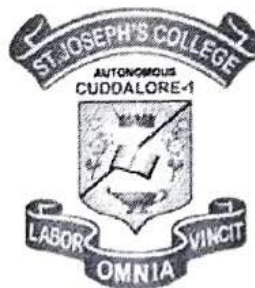
**A.JAI SHANKAR (Reg No: A17CSDB18)**

**A.JOHNSON (Reg No: A17CSDB19)**

Under the Guidance of

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE FRUIT AND HERBS SHOPPING

Being submitted the St. Joseph's College of Arts and Science (Autonomous),

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By

**A.JAI SHANKAR (A17CSDB18)**

**A.JOHNSON (A17CSDB19)**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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INTERNAL GUIDE

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CUDDALORE.

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1. 

2. 



# **ONLINE MOVIE TICKET BOOKING**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted by

**P.KARTHIKEYAN**

**[A17CSDB21]**

**M.KEERTHIVASAN**

**[A17CSDB22]**

Under the Guidance of

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**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

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### ONLINE MOVIE TICKET BOOKING

Being submitted to the

**St. Joseph's College of Arts and Science (Autonomous),**

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Submitted by

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**[A17CSDB21]**


**[A17CSDB22]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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**INTERNAL GUIDE**  
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Submitted for the viva-voce examination held on

  
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCES**  
**CUPPALORE - 607 001**  
1/10/2020

**Examiners:**

1. 
2. 

# **ONLINE BUS TICKET RESERVATION**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted by

**R. KISHORE KUMAR(A17CSDB23)**

**G. KRISHNAKUMAR(A17CSDB24)**

Under the Guidance of

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(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE-607001**

**MAY-2020**

# CERTIFICATE

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## ONLINE BUS TICKET RESERVATION

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
(Affiliated to Thiruvalluvar University-Vellore)

By

R. KISHORE KUMAR(A17CSDB23)

G. KRISHNAKUMAR(A17CSDB24)


For the Partial Fulfillment For the award of degree of

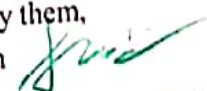
BACHELOR OF SCIENCE

IN

COMPUTER SCIENCE

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Assistant Professor  
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INTERNAL GUIDE

  
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HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on.....1/10/2020.....

EXAMINERS:

1. ....

2. ....



# **ONLINE MEDICINE SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**S.LOGESHWAR(Reg No: A17CSDB25)**

**M.MADHAN(Reg No: A17CSDB26)**

**Under the Guidance of**

**Mr.A.ARUN BENEDICT M.Sc.,M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL -2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE MEDICINE SYSTEM

Being submitted to

St. Joseph's College of Arts and Science(Autonomous),Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore)

By

S.LOGESHWAR(A17CSDB25)

M.MADHAN(A17CSDB26)

For the partial fulfillment for the award of degree of

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INTERNAL GUIDE  
Assistant Professor

P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Submitted for the Viva-Voce examination  
CUDDALORE - 607 001.

  
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Head of the Department,  
DEPARTMENT OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDDALORE - 607 001

Examiners:

1. 

2. 

## **BLOOD BANK**

A Mini Project Report Submitted for

The partial fulfilment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**MANIKANDAN.K**

**(A17CSDB27)**

**MANOJ.R**

**(A17CSDB28)**

Under the Guidance of

**Mr. A. ARUN BENEDICT, M.SC., M.Phil.,**

(Asst. Professor, PG & Research Department of Computer Science)



**POST GRADUATE & RESEARCH DEPARTMENT OF  
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**CUDDALORE-607 001**

**APRIL -2020**

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### BLOOD BANK

Being Submitted to

St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University – Vellore)

by

MANIKANDAN.K

(A17CSDB27)

MANOJ.R


(A17CSDB28)

For the partial fulfilment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE



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**Internal Guide.**  
**Assistant Professor**  
**P.G. & Research Department of Computer Science**  
**St. Joseph's College of Arts & Science (Autonomous)**  
**Cuddalore - 607 001.**

  
**Head of the Department**  
**Head of the Department,**  
**DEPARTMENT OF COMPUTER SCIENCE,**  
**St. Joseph's College of Arts & Science (Autonomous)**  
**Cuddalore - 607 001.**

#### Examiners:

1. 
2. 



# **ONLINE CAR RENTAL SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted by

**V.MATHAN (Reg No: A17CSDA29)**  
**S.MAYAKRISHNAN (Reg No: A17CSDA30)**

**Under the Guidance of**

**Mr. J. JAYAPAL., M.C.A., M. Phil,**  
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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL -2020**

## CERTIFICATE

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### ONLINE CAR RENTAL SYSTEM

Being submitted the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**V.MATHAN (Reg No: A17CSDA29)**  
**S.MAYAKRISHNAN (Reg No: A17CSDA30)**


For the partial fulfillment for the award of degree of

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**Assistant Professor**  
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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDDALORE - 607 001.

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1. 
2. 

**HAPPY JOURNEY**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**The award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**By**

**A. MOHAMED RASHETH**

**[A17CSDB32]**

**M. S. MOHAMED RIYAS**

**[A17CSDB33]**

**Under the Guidance of**

**Mr. J. Jayapal, M.C.A., M.Phil.,**

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**PG AND RESERCH DEPARTMENT OF COMPUTER SCIENCE**  
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**(AUTONOMOUS)- CUDDALORE-607001**  
**SEPTEMBER-2020**

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This is to certify that the Mini Project entitled

## HAPPY JOURNEY

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore

By

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M. S. MOHAMED RIYAS

[A17CSDB32]

[A17CSDB33]

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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CUCDA LORE - 607 001.

HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on..... 1/15/2020

Examiners:

1 .....

2 .....



# **SUPERMARKET BILL**

A Mini Project Report  
Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**S.MOHAMED RAFFIC**

**G.MOHAMED SIDDIQ**

**[A17CSDB34]**

**[A17CSDB35]**

**Under the Guidance of**

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**CUDDALORE-607001**

**MAY -2020**

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### SUPERMARKET BILLING

Being submitted the St. Joseph's College of Arts and Science (Autonomous),

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**S. MOHAMED RAFFIC**

**G. MOHAMED SIDDIQ**

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**[A17CSDA35]**

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### BACHELOR OF COMPUTER SCIENCE

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*Head of the Department,*

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**  
**CUDALORE - 607 001.**  
**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1. \_\_\_\_\_

2. 

# **SEAT ALLOTEMENT**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**M.Mubinsriyan**

**[A17CSDB37]**

**Mohan Raj**

**[A17CSDB36]**

**Under the Guidance of**

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**CUDDALORE-607001**

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### SEAT ALLOTMENT

Being submitted the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**M.Mubinsriyan**

**Mohan Raj**

**[A17CSDA37]**

**[A17CSDA36]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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Under my guidance and supervision.

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**Assistant Professor**

**P.G. & Research Department of Computer Science**  
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**INTERNAL GUIDE**  
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*[Signature]*  
**Head of the Department.**

**DEPARTMENT OF COMPUTER SCIENCE**  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE,**  
**COB BALORE 607 001.**  
**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1. *[Signature]*

2. *[Signature]*



# **AUTHENTICATION OF SMARTPHONE USERS USING BEHAVIORAL BIOMETRICS**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**M. MURALI DHARAN (Reg No: A17CSDB38)**

**A. I. NAVEEN (Reg No: A17CSDB39)**

Under the Guidance of

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**CUDDALORE- 607001**

**SEPTEMBER-2020**

# CERTIFICATE

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## AUTHENTICATION OF SMARTPHONE USERS USING BEHAVIORAL BIOMETRICS

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore)

Submitted by

M.MURALI DHARAN (Reg No: A17CSDB38)

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For the partial fulfilment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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INTERNAL GUIDE

  
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HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination on 1-10-2020

Examiners:

1. 

2. 

# **A.K.P.S MOBILE STORE**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**G.NAVIN KUMAR (Reg No: A17CSDB40)**

**K.PAZHANISAMY (Reg No: A17CSDB41)**

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**April-2020**



# CERTIFICATE

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## A.K.P.S MOBILE STORE

Being submitted to

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By

**G.NAVIN KUMAR (Reg No: A17CSDB40)**

**K.PAZHANISAMY (Reg No: A17CSDB41)**


For the partial Fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafede record of work carried out by his,

Under My guidance and supervision.

  
**Assistant Professor**  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
Internal Guide

  
**Head of**  
DEPARTMENT OF COMPUTER SCIENCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE,  
CHENNAI - 607 001  
Head of the Department



Submitted for the viva-voce examination on

1/10/2020

### Examiners:

1.

2.



**AGUMENTED REALITY (AR)**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE**

**In**

**COMPUTER SCIENCE**

**M.PRABU**

**T.PRASATH**

**[A17CSDB42]**

**[A17CSDB43]**

**Under the Guidance of**

**Dr.S.MUTHUKUMARAN , M.Sc.(IT),M.Phil.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL - 2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### AGUMENTED REALITY (AR)

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

M.PRABU

T.PRASATH

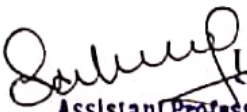
[A17CSDB42]


[A17CSDB43]

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

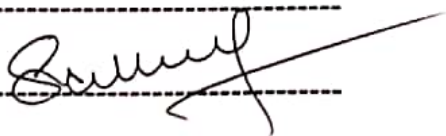
  
Assistant Professor  
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GUDIPALLE - 602801.  
**INTERNAL GUIDE**

  
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GUDIPALLE - 602801.  
**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination held on 1-10-2020

Examiners: 

1. \_\_\_\_\_

2. 

# **CYBER BOOK HOUSE**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**by**

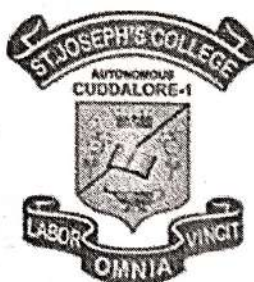
**S.RAJARAJAN (Reg No: A17CSDB45)**

**L.RUBAN WILLIAMS (Reg No: A17CSDB46)**

**Under the Guidance of**

**Dr.S.Muthukumaran M.Sc (IT),M.Phil.,Ph.D.,**

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**POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL -2020**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### CYBER BOOK HOUSE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore)

By

S.RAJARAJAN (A17CSDB45)

L.RUBAN WILLIAMS (A17CSDB46)


For the partial fulfillment for the award of degree of

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Under my guidance and supervision.


  
**Assistant Professor**  
P.G. & Research Department of Computer Science  
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**INTERNAL GUIDE**

  
*Head of the Department,*  
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CUDDALORE - 607 001.  
**HEAD OF THE DEPARTMENT**

Submitted for the viva-voce examination 1/10/2020

#### Examiners:

1. 

2. 



# **ONLINE EXAMINATION SYSTEM**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**the award of degree of**

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

**BY**

**S.SATHISHKUMAR[A17CSDB47] S.SENTHAMARAI[A17CSDB48]**

**Under the Guidance of**

**Mrs .J.HEMALATHA , M.Sc.(IT),M.Phill.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**May -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled  
**ONLINE EXAMINATION SYSTEM**

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),  
Affiliated to Thiruvalluvar University-Vellore.

By

**S.SATHISHKUMAR [A17CSDB47] S.SENTHMARAI[A17CSDB48]**


For the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Is a Bonafide record of work carried out by them,



Under my guidance and supervision.

  
**INTERNAL GUIDE**  
**Assistant Professor**  
P.G. & Research Department  
St. Joseph's College of Arts and Science

  
**HEAD OF THE DEPARTMENT**  
DEPARTMENT OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1. 
2. 

# **CUSTOMER PORTAL FOR CABLE NETWORK**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**P SINGARAVELAN (Reg No: A17CSDB49)**

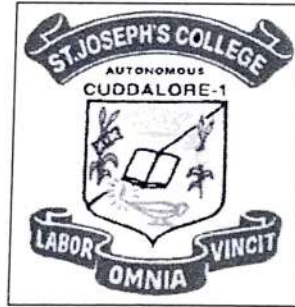
**G SIVAKUMAR (Reg No: A17CSDB50)**

Under the Guidance of

**Mrs.J. Hemalatha M.Sc(IT),M.Phil.,**

**Assistant Professor,**

**(Post Graduate and Research Department of Computer Science)**



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**May -2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### CUSTOMER PORTAL FOR CABLE NETWORK

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University – Vellore)

By

**P SINGARAVELAN (Reg No: A17CSDB49)**

**G SIVAKUMAR (Reg No: A17CSDB50)**

For the partial Fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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*Hemalatha J.*  
**Assistant Professor**  
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Head of the Department,  
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CUDDALORE - 607 001.  
**Head of the Department**

Submitted for the viva-voce examination on

1/10/2020

**Examiners:**

1. *[Signature]*

2. *Hemalatha J.*



# **ANOMALY DETECTION IN PEDESTRIAN WALKWAYS**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted by

**R.SURESH (Reg No: A17CSDB51)**

**M.SYLVESTER CAMPBELL (Reg No: A17CSDB52)**

Under the Guidance of

**Mrs.V.SUDHA., M.Sc.(IT), M.Phil.,**

Assistant Professor,

(Post Graduate and Research Department of Computer Science)



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(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## **Anomaly Detection in Pedestrian Walkways**

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

**R.SURESH (Reg No: A17CSDB51)**

**M.SYLVESTER CAMPBELL (Reg No: A17CSDB52)**

For the partial Fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

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**Assistant Professor**

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TIRUVALLUR - 607 001.

**Head of the Department**

Submitted for the viva-voce examination on

1/10/2020

**Examiners:**

1.

2.



# **PLACEMENT MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**A.TAMIZARASAN (Reg No: A17CSDB53)**

**R.TIMPIL DEKASH RAJ (Reg No: A17CSDB54)**

Under the Guidance of

**Mrs. V. SUDHA , M.Sc(IT), M.Phil.,**

Assistant Professor,

(Post Graduate and Research Department of Computer Science)



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(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled  
**PLACEMENT MANAGEMENT SYSTEM**

Being submitted to  
St. Joseph's College of Arts and Science (Autonomous),  
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By

**A.TAMIZARASAN (Reg No: A17CSDB53)**

**R. TIMPIL DEKASH RAJ (Reg No: A17CSDB54)**

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Head of the Department,  
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CHENNAI - 607 001.  
Head of the Department

**Assistant Professor**  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
CHENNAI - 607 001.

Submitted for the viva-voce examination on 1/10/2020

**Examiners:**

1. 

2



# **HOSPITAL MANAGEMENT SYSTEM**

**A Mini-Project Report**

**Submitted for the partial fulfillment for the award of degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by**

**S. VASANTH (Reg No: A17CSDB55)**

**J. VIKNESH (Reg No: A17CSDB56)**

**Under the Guidance of**

**Ms. D. Alice Illamathy Alexis · M.Sc., B.Ed.(CS), M.Phil.,**

**Assistant Professor,**

**(Post Graduate and Research Department of Computer Science)**



**PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

**(Affiliated to Thiruvalluvar University-Vellore)**

**CUDDALORE- 607001**

**SEPTEMBER-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### HOSPITAL MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

**S. VASANTH (Reg No: A17CSDB55)**

**J. VIKNESH (Reg No: A17CSDB56)**


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**Assistant Professor**  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Internal Guide  
CUDALORE - 607 001.

  
**Head of the Department,**  
DEPARTMENT OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDALORE - 607 001  
**Head of the Department**

Submitted for the viva-voce examination on

1/10/2020

**Examiners:**

1. 

2. 

# **ONLINE FURNITURE SHOPPING**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**G. VIMAL RAJ (Reg No: A17CSDB57)**

**VINITH .J. PATEL (Reg No: A17CSDB58)**

Under the Guidance of

**MS.D. ALICE ILAMATHY ALEXIS**

Assistant Professor,

(Post Graduate and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE FURNITURE SHOPPING

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

**G. VIMAL RAJ (Reg No: A17CSDB57)**

**VINITH. J. PATEL (Reg No: A17CSDB58)**


For the partial Fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under My guidance and supervision.

  
**Assistant Professor**  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Internal Code: 607 001.

  
*Head of the Department,*  
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ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
CUDALORE - 607 001  
**Head of the Department**

Submitted for the viva-voce examination on 1/10/2020

**Examiners:**

1. 

2. 



# **GO GREEN**

**A Mini- Project Report**

**Submitted for the partial fulfillment for the award of degree of**

**BACHELOR OF COMPUTER SCIENCE**

**Submitted by**

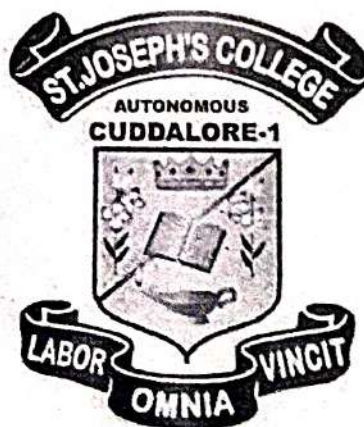
**A.VINOTH (Reg No: A17CSDB59)**

**M.VIVEK (Reg No: A17CSDB60)**

**Under the guidance of**

**Mr. J. ANTONY DANIEL REX M.C.A., M.Phil,**

**(Assistant professor, Post Graduate and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**

# CERTIFICATE

This is to certify that the Mini- Project entitled

**GO GREEN**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**

**(Affiliated to Thiruvalluvar University-Vellore)**

Submitted by

**A.VINOTH (Reg No: A17CSDB59)**

**M.VIVEK (Reg No: A17CSDB60)**


For the partial fulfilment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

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Under my guidance and supervision.

  
**Assistant Professor**  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
Cuddalore - 605 001.  
**INTERNAL GUIDE**

  
Head of the Department.  
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CUD DALORE - 605 001.  
CUL DALORE DEPARTMEN

Submitted for the viva-voce examination on 1/10/2020

Examiners:

1. 

2. 



# **E-RATION**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**S.YASHVANT (Reg No: A17CSDB61)**

**G.MOHANA PRIYAN (Reg No: A17CSDB62)**

Under the Guidance of

**Mr.J.ANTONY DANIEL REX., M.C.A, M.Phil.,**

Assistant Professor,

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**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April-2020**

# CERTIFICATE

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## E-RATION

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

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By

**S.YASHVANT (Reg No: A17CSDB61)**

**G.MOHANA PRIYAN (Reg No: A17CSDB62)**

For the partial Fulfillment for the award of degree of

## BACHELOR OF COMPUTER SCIENCE

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Under My guidance and supervision.



**Assistant Professor**

**P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
CUDDALORE - 607 001.  
Internal Guide**



**Head of the Department,  
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CUDDALORE - 607 001  
Head of the Department**

Submitted for the viva-voce examination on 1/10/2020

**Examiners:**

1. 
2. 



# **HARSHA SUPERMARKET**

**A Mini Project Report**

**Submitted for the partial fulfillment for the award of degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by**

**R.ANITHA**

**A.ANUSUYA**

**[A17CSEA01]**

**[A17CSEA02]**

**Under the Guidance of**

**Dr. M. ARUMAISELVAM , M.Sc.,M.Phil.,Ph.D.,**

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**POST GRADUATE AND RESEARCH**

**DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**SEPTEMBER -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### HARSHA SUPERMARKET

Being submitted to St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**R.ANITHA**

**A.ANUSUYA**

**[A17CSEA01]**

**[A17CSEA02]**


For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

#### INTERNAL GUIDE

  
**M. ARUMAISELVAM**, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.  
Head of the Department  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on -----  
1-10-2020

#### Examiners:

1. 

2. 

# **ONLINE CRIME REPORT MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted By

**N.ANUSHYA**  
**(A17CSEA03)**

**M.ARUNA**  
**(A17CSEA04)**

Under the guidance of

**Dr. R.VIDYA., M.Sc., B.Ed., M. Phil., PGDCA., Ph.D.,**

Assistant professor,

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE-607001**

**APRIL - 2020**



# CERTIFICATE

This is to certify that the Mini-Project entitled  
**ONLINE CRIME REPORT MANAGEMENT SYSTEM**

Being submitted to  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),**

(Affiliated to Thiruvalluvar University-Vellore)

By

**N.ANUSHYA**

**(A17CSEA03)**

**M.ARUNA**

**(A17CSEA04)**

For the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her.

Under my guidance and supervision.

  
**INTERNAL GUIDE**

Dr. R. VIDYA, M.Sc., M.Phil., Ph.D.,  
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PG & RESEARCH DEPT. OF COMPUTER SCIENCE,  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE - 607 001.

  
**HEAD OF THE DEPARTMENT**

M. ARUMASEKARAN, M.Sc., M.Phil., M.A. (Computer Science)  
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Department of Computer Science,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination -----

**Examiners:**

1. 

2. 



**ONLINE LAW SYSTEM**

**A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**A. BAIRAVI(A17CSEA05)**

**S. BELCIBA(A17CSEA06)**

Under the Guidance of

**Mrs.C.Christy,M.C.A.,M.Phil.,SET,**

Assistant Professor,

(Post Graduate and Research Department of Computer Science)



**POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE 607 001**

**SEPTEMBER -2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## ONLINE LAW SYSTEM

Being submitted to

ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

Affiliated to Thiruvalluvar University- Vellore

By

**BAIRAVIA**

(Register Number: A17CSEA05)

**BELCIBA.S**

(Register Number: A17CSEA06)

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,  
Under my guidance and supervision.

  
INTERNAL GUIDE

Assistant Professor  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts and Science (Autonomous)  
CUL. Vellore - 605 001.

  
HEAD OF THE DEPARTMENT

M. VEDARAJAN, B.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.,  
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Submitted for the viva-voce examination on 10.01.2020

### Examiners:

1. 
2. 

# **AGRI PRODUCTS SALES**

**A Mini-Project Report**

**Submitted for the partial fulfilment for the award of degree of  
BACHELOR OF COMPUTER SCIENCE**

**By**

**V. BHUVANESWARI (A17CSEA07)**

**V. DHINESHYA (A17CSEA08)**

**Under the guidance of**

**Mrs M. A. MARIA PARIMALA, M.C.A., M.Phil.**

**(Assistant professor, Post Graduate and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
CUDDALORE-607001  
MARCH-2020**



# CERTIFICATE

This is to certify that the Mini-Project entitled

## AGRI PRODUCTS SALES

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore)

By

V. BHUVANESWARI (A17CSEA07)

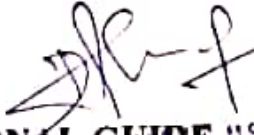
V. DHANESHYA (A17CSEA08)

For the partial fulfilment for the award of degree of


## BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by her.

Under my guidance and supervision.

  
**INTERNAL GUIDE** M.Sc., B.Ed., M.Phil.,  
Assistant Professor  
P.G. & Research Dept. of Computer Science  
St. Joseph College of Art & Science (Autonomous)  
Cuddalore

## HEAD OF THE DEPARTMENT

  
M. ARUMAISELVAM, M.Sc.(Stats), M.Sc.(Comp Sci) M.Phil.,  
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Submitted for the viva-voce examination

01/10/2020

Examiners:

1. 

2. 



# **FURNITURE WORLDS**

**A Mini-Project Report**

**Submitted for the partial fulfilment for the award of degree of**

**BACHELOR OF COMPUTER SCIENCE**

**By**

**V. DHIVYA(A17CSEA09)**

**R. DIVYA(A17CSEA10)**

**Under the guidance of**

**Mrs M. A. MARIA PARIMALA , M.C.A., M.Phil.**

**(Assistant professor, Post Graduate and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### FURNITURE WORLDS

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore)

By

V. DHIVYA (A17CSEA09)

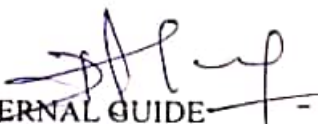
R. DIVYA (A17CSEA10)

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by her.

Under my guidance and supervision.

  
INTERNAL GUIDE  
D ALICE ILAMATHY ALEXIS, M.Sc., B.Ed., M.Phil.,  
Assistant Professor  
P.G. & Research Dept. of Computer Science  
St. Joseph College of Art & Science (Autonomous)  
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Cuddalore - 605 004.

Submitted for the viva-voce examination 01/10/2020 -----

### Examiners:

1. 

2. 

# **ONLINE MEDICINE DONATION SYSTEM**

A mini-project Report

in partial fulfillment of the requirement for the award of the degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted by

**G .KANIMOZHI (A17CSEA11)**

**S .KEERTHANA (A17CSEA12)**

under the guidance of

**Dr.A.R.Johnson Durai,M.C.A.,M.Phil.,Ph.D.,**



(Assistant professor, PG and Research Department of Computer Science)

**PG AND RESEARCH DEPARTMENT OF COMPUTER  
SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)  
MAY-2020**

# CERTIFICATE

This is to certify that the mini project entitled

## ONLINE MEDICINE DONATION SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

by

**G.KANIMOZHI (A17CSEA11)**

**S.KEERTHANA (A17CSEA12)**

for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

is a bonafide record of work carried out by them

under my guidance and supervision.



**INTERNAL GUIDE**


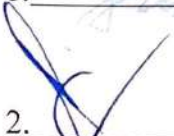
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**HEAD OF THE DEPARTMENT**

M. ARUN

Department of Computer Science  
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Cuddalore - 605 001.

**Examiners:**

1.   
2. 

Submitted for the Viva-Voce examination held on 1-10-2020



# **SHOPPING BEE**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted by

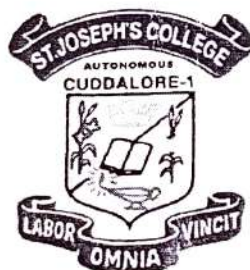
**S. KIRUBHAHARI (Reg No: A17CSEA13)**

**R. KUMUTHA VALLI (Reg No: A17CSEA14)**

Under the Guidance of

**Dr.A.R.Johnson Durai,M.C.A.,M.Phil.,Ph.D.,**

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**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**May – 2020**

## **CERTIFICATE**

This is to certify that the Mini-Project entitled

### **SHOPPING BEE**

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University – Vellore)

By

**S. KIRUBHAHARI (Reg No: A17CSEA13)**

**R. KUMUTHA VALLI (Reg No: A17CSEA14)**

For the partial Fulfillment for the award of degree of

### **BACHELOR OF SCIENCE**

**IN**

### **COMPUTER SCIENCE**

is a Bonafide record of work carried out by them,

Under My guidance and supervision.



**INTERNAL GUIDE**

ASSISTANT PROFESSOR

P.G. & Research Dept. of Computer Science  
St. Joseph College of Art & Science (Autonomous)  
Cuddalore

Submitted for the viva-voce examination on \_\_\_\_\_



**HEAD OF THE DEPARTMENT**

**Examiners:**

1.   
2. 

# **GIFT MANAGEMENT**

A Mini Project Report

Submitted for the partial fulfilment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

by

**M.N.MARLIYA FIRTHOSE**

**[A17CSEA15]**

**N.MOHANA**

**[A17CSEA16]**

Under the Guidance of

**Mr. A. Arun Benedict, M.Sc., M.Phil.,**

(Asst. Professor, PG and Research Department of Computer Science)



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607 001**

**APRIL-2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## GIFT MANAGEMENT

Being Submitted to

St. Joseph's college of Arts & Science (Autonomous)

(Affiliated to Thiruvalluvar University-Vellore)

by

M.MARLIYA FIRTHOSE

N.MOHANA

[A17CSEA15]

[A17CSEA16]

For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them

Under my guidance and supervision.



  
Internal Guide

### Head of the Department

M. ARUMAISELVAM, M.Sc.(Comp.Sc.) M.Phil.,  
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St. Joseph's College of Arts and Science, (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voice examination held on..... 01/10/2020

Examiners:

•   
• 



# **ONLINE BIKE SHOWROOM**

**A Mini-Project Report**

**Submitted for the partial fulfilment for the award of degree of  
BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**By**

**V.NANDHINI (A17CSEA17)**

**DS.NIRMALA (A17CSEA18)**

**Under the guidance of**

**Mr A.ARUN BENEDICT, M.Sc., M.Phil.,**

**(Assistant professor, Post Graduate and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH' S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**

**CUDDALORE-607001.**

**MARCH-2020**

## CERTIFICATE

This is to certify that the Mini- Project entitled

### ONLINE BIKE SHOWROOM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University- Vellore)

By

V.NANDHINI (A17CSEA17)


DS.NIRMALA (A17CSEA18)


For the partial fulfilment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her.



Under my guidance and supervision.

  
INTERNAL GUIDE

  
HEAD OF THE DEPARTMENT  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 01/10/2020

Examiners:

1. 
2. 

# **NATURAL BEAUTY CARE**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN**

**COMPUTER SCIENCE**

Submitted by

**M.NISHA**

**(A17CSEA19)**

**K.NITHYA DEVI**

**(A17CSEA20)**

Under the Guidance of

**Mr .J .JAYAPAL., M.C.A., D.M.E., M.Phil.,**

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**Post Graduate and Research department of Computer Science**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University- Vellore)

**CUDDALORE- 607 001**

**APRIL – 2020**

**CERTIFICATE**

This is to certify that the Mini-Project entitled

**NATURAL BEAUTY CARE**

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

By

**M.NISHA**

**(A17CSEA19)**

**K.NITHYA DEVI**

**(A17CSEA20)**

For the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN**

**COMPUTER SCIENCE**

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Under My Guidance and Supervision.

  
**INTERNAL GUIDE**

Assistant Professor

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**DEPARTMENT**

  
**HEAD OF THE**

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Cuddalore - 607 001.

Submitted for the viva-voce examination on 18/1/2020

**Examiners:**

1. 

2. 



# **HOME SECURITY SOLUTION**

A Mini project Report

Submitted for the partial fulfilment for

the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

By

**M. PADMA PRIYA (A17CSEA21)**

**P. PAVITHRA (A17CSEA22)**

Under the Guidance of

**Mr. J. JAYAPAL M.C.A., D.M.E., M.Phil.,**

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**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**

## CERTIFICATE

This is to certify that the Mini-project entitled

### HOME SECURITY SOLUTION

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

**(Affiliated to Thiruvalluvar University - Vellore)**

**By**

**M. PADMA PRIYA (A17CSEA21)**

**P. PAVITHRA(A17CSEA22)**

For the partial fulfilment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**

PG. & Research Dept. of Computer Science  
St. Joseph College of Art & Science (Autonomous),  
Cuddalore,

  
**HEAD OF THE DEPARTMENT**

Head of the Department  
Department of Comp.Sci  
St. Joseph's College of Arts and Science (Autonomous)

Submitted for the viva-voce examination held on 18/1/2020

**Examiners:**

1. 

2. 

# **IVAP MOBILES**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

PAVITHRA.S(A17CSEA23)

PAVITHRA.T(A17CSEA24)

Under the Guidance of

**Dr. A.VICTORIA ANAND MARY M.C.A.,M.Phil.,B.ED.,SET.,Ph.D**

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**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS)**

CUDDALORE-607001

MAY - 2020



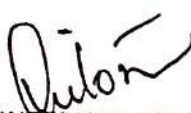
# CERTIFICATE

This is to certify that the Mini-Project entitled  
**IVAP MOBILES**  
Being submitted to  
**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE**  
**(AUTONOMOUS)**  
(Affiliated to Thiruvalluvar University-Vellore)  
Submitted by

PAVITHRA.S(A17CSEA23)  
PAVITHRA.T(A17CSEA24)

For the Partial Fulfillment For the award of degree of  
**BACHELOR OF COMPUTER SCIENCE**  
Is a Bonafide record of work carried out by her,

under my guidance and supervision

  
**INTERNAL GUIDE**  
Dr. A.VICTORIA ARAND, MCA, M.Phil, B.Ed, SET, Ph.D.,  
Assistant Professor  
PG and Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)


Submitted for the viva -voce examination  
on..... 10-01-2020 .....

**EXAMINERS:**

1.  .....

2.  .....

**HEAD OF THE DEPARTMENT**

  
**M. ARUMAISELVAM**, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.,  
Head of the Department  
Department of Comp-Sci ..  
St. Joseph's College of Arts and Science, (Autonomous)  
Guddalore - 607 001.



# **ONLINE EXAMINATION SYSTEM**

A Mini-Project Report

Submitted for the partial fulfilment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**PREETHA.R (A17CSEA25)**

**PRIYANGA.G (A17CSE26)**

Under the Guidance of

**Dr. A. VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET., Ph.D.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE 607 001**

## CERTIFICATE

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### ONLINE EXAMINATION SYSTEM

Being submitted to

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University- Vellore)

By

**PREETHA.R (A17CSEA25)**

**PRIYANGA.G (A17CSEA26)**

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bona fide record of work carried out by her.

Under My Guidance and Supervision.

**HEAD OF THE DEPARTMENT**

**INTERNAL GUIDE**

**Dr. A. VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,**

Assistant Professor

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Cuddalore-607001

**M. ARUMASELVAN, M.Sc(Maths), M.Sc.(Comp.Sci) M.Phil.,**

Head of the Department


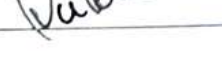
Department of Comp.Sci.

St. Joseph's College of Arts and Science, (Autonomous)

Cuddalore - 607 001.

Submitted for the viva-voce examination on \_\_\_\_\_

**Examiners:**

1. 
2. 

# **KITTY HOME**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

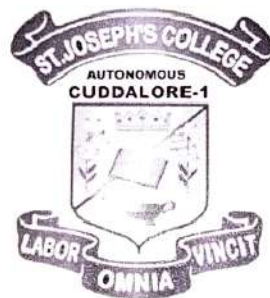
**S.RAJINIARTHI (A17CSEA27)**

**S.RESHMA (A17CSEA28)**

Under the guidance of

**Mr S.ANTONY JONES M.C.A.,M.Phil.,SET,**

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**PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE**

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**APRIL-2020**

# CERTIFICATE

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## KITTY HOME

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1 (Affiliated  
to Thiruvalluvar University-Vellore)**

By

**S. RAJINIARTHI (A17CSEA27)**

**S. RESHMA (A17CSEA28)**

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER SCIENCE

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INTERNAL GUIDE

**S. ANTONY JONES, M.C.A., M.Phil.,**

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Submitted for the viva-voce examination 01/10/2020

Examiners:



1. ....



2. ....



# **AGRICULTURE ASSIST**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**L.ROSELINE ANSI**

**K.RIHANA BANU**

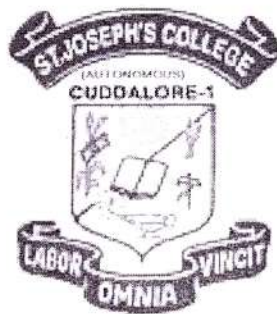
**(A17CSEA30)**

**(A17CSEA29)**

Under The Guidance Of

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**POST GRADUATE AND RESEARCH**

**DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## AGRICULTURE ASSIST

Being submitted to St. Joseph's College of Arts and Science (Autonomous),

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By

**L.ROSELINE ANSI**

(Register Number: A17CSEA30)

**K.RIHANA BANU**

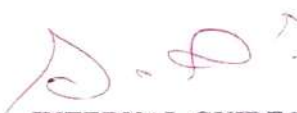
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For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER SCIENCE


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**CUDDALORE - 607 001.**

  
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Cuddalore - 607 001.

**Examiners:**

1. 

2. 

# **CAR RENTAL MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted by

**S.RUBAVATHI**

**(A17CSEA31)**

**S.SAFRIN**

**(A17CSEA32)**

Under The Guidance of

**Dr. S. MUTHUKUMARAN M.Sc(IT)., M.Phil.,Ph.D.,**

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**POST GRADUATE AND RESEARCH**

**DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2020**

# CERTIFICATE

This is to certify that the Mini Project entitled

## CAR RENTAL MANAGEMENT SYSTEM

Being submitted to St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

**S.RUBAVATHI**

(Register Number: A17CSEA31)

**S.SAFRIN**

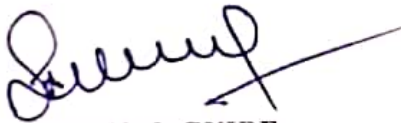
(Register Number: A17CSEA32)

For the partial fulfillment for the award of degree of

## BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



**INTERNAL GUIDE**

**Dr. S. MUTHUKUMARAN, M.Sc.(IT), M.Phil., Ph.D.**

Assistant Professor

PG and Research Department of Computer Science

St. Joseph's College of Arts & Science (Autonomous)

Cuddalore - 607 001.



**HEAD OF THE DEPARTMENT**

**M. ARUMAISELVAN, M.Sc(Maths), M.Sc.(Comp Sci), M.Phil.**

Head of the Department

Department of Comp-Sci.

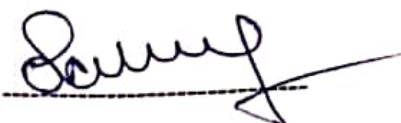
St. Joseph's College of Arts and Science, (Autonomous)

Cuddalore - 607 001.

Submitted for the viva-voce examination on 01/10/2020

**Examiners:**

1. 

2. 



# **PROMOTIONAL COMPUWARE SALES & SERVICE SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**S.SAMUNDESWARI**

**(Register Number: A17CSEA33)**

**B.SANTHINI**

**(Register Number: A17CSEA34)**

Under the Guidance of

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**POST GRADUATE AND RESEARCH**

**DEPARTMENT OF COMPUTER SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

# CERTIFICATE

This is to certify that the Mini Project entitled

## PROMOTIONAL COMPUWARE SALES & SERVICE SYSTEM

Being submitted to the

St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University, Vellore)

By

S.SAMUNDESWARI

(Register Number: A17CSEA33)

B.SANTHINI

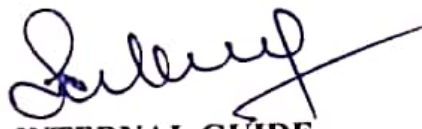
(Register Number: A17CSEA34)


For the partial fulfillment for the award of degree of

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

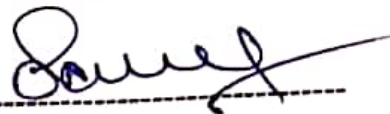
  
**INTERNAL GUIDE**  
**Dr. S. MUTHUKUMARAN**, M.Sc., (IT), M.Phil., Ph.D.,  
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PG and Research Department of Computer Science  
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Cuddalore - 607 001.

  
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St. Joseph's College of Arts and Science, (Autonomous)  
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 01/10/2020

Examiners:

1. 

2. 

# **WOMEN SAFETY PIN**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

Submitted by

**T. SANTHIYA**

**N. SARANYA**

**(A17CSEA35)**

**(A17CSEA36)**

Under The Guidance Of

**MRS. J. HEMALATHA M.SC. (IT), M.PHIL.**

**(Assistant Professor, PG & Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY-2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### WOMEN SAFETY PIN

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore

By

T. SANTHIYA

N. SARANYA

(A17CSEA35)

(A17CSEA36)

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE

IN

### COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

*Hemalatha*  
**INTERNAL GUIDE**

Assistant Professor,

PG & Research Dept. of Computer Science,

St. Joseph's College of Arts & Science, (Autonomous)

Submitted for the viva-voce examination on 10-01-2020

Examiners:

1. *[Signature]*

2. *[Signature]*

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Head of the Department

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Cuddalore - 607 001.



# **STYLE ONE T-SHIRTS**

**A Mini-Project Report**

**Submitted for the partial fulfilment for the award of degree of**

**BACHELOR OF COMPUTER SCIENCE**

**By**

**N.SARASWATHI (A17CSEA37)**

**K.SHARUMATHI(A17CSEA38)**

**Under the guidance of**

**Mrs.J.HEMALATHA M.SC(IT), M.Phil.**

**(Assistant professor, Post Graduate and Research Department of Computer Science)**



**PG & RESEARCH DEPARTMENT OF COMPUTER  
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CUDDALORE-607001  
MARCH-2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled

### STYLE ONE T-SHIRT

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1**

**(Affiliated to Thiruvalluvar University-Vellore)**

By

**N.SARASWATHI(A17CSEA37)**

**K.SHARUMATHI (A17CSEA38)**

For the partial fulfilment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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*Hemalatha*  
**INTERNAL GUIDE**  
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Submitted for the viva-voce examination 10/01/2020

#### Examiners:

1. *Arumaiselvam*

2. *Hemalatha*

# **HERBAL MEDICINE**

**A Mini-Project Report**

**Submitted for the partial fulfilment for the award of degree of**

**BACHELOR OF COMPUTER SCIENCE**

**By**

**M.SIVALAKSHMI(A17CSEA40)**

**M.SIVARANJANI(A17CSEA41)**

**Under the guidance of**

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**(Assistant professor, Post Graduate and Research Department of Computer Science)**



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**CUDDALORE-607001**

**MARCH-2020**

# CERTIFICATE

This is to certify that the Mini-Project entitled

## HERBAL MEDICINE

Being submitted to

St Joseph's College of Arts and Science (Autonomous), Cuddalore-1

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By

M.SIVALAKSHMI(A17CSEA40)

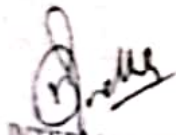
M.SIVARANJANI (A17CSEA41)

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## BACHELOR OF COMPUTERSCIENCE

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Submitted for the viva-voce examination 01/10/2020

Examiners:





# **SELECTION OF BEAUTIFUL DESIGNER**

## **GREETING CARD**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

Submitted by

**R.SIVARANJANI**

**B.SNEKHA**

**(A17CSEA42)**

**(A17CSEA43)**

Under The Guidance Of

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**CUDDALORE-607001**

**MAY-2020**

# CERTIFICATE

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Being submitted to

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Examiners:

1. \_\_\_\_\_

2.  \_\_\_\_\_

# **SCHOOL EVENTS AND ATTENDANCE MANAGEMENT SYSTEM**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

Submitted by

**M.SUBASHINI**

**(A17CSEA44)**

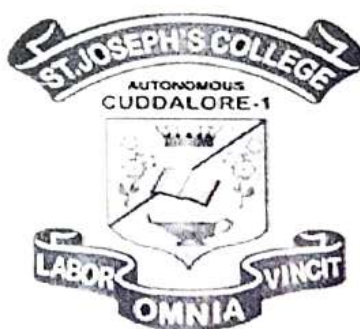
**B.SUPRIYA**

**(A17CSEA45)**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607 001**

**MAY-2020**

# CERTIFICATE

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## SCHOOL EVENTS AND ATTENDANCE MANAGEMENT SYSTEM

Being submitted to

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**Examiners:**

1. 

2. 



# **ABI DRESS SHOPPING**

A Mini-Project Report

Submitted for the partial fulfilment for the award of degree of  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**By**

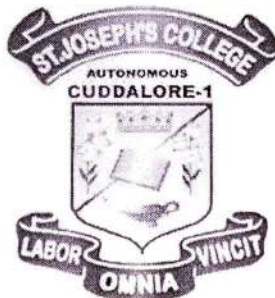
**S. SUVITHA (A17CSEA46)**

**P. SWETHA (A17CSEA47)**

**Under the guidance of**

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**CUDDALORE-607001**

**MAY-2020**

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Being submitted to

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For the partial fulfilment for the award of degree of

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**Examiners:**

1. 

2. 

1/10/2020

# **AATHIRA CRAFTS CORNER**

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

By

**R.VIJAYALAKSHMI (A17CSEA48)**

**V. VINODHINI (A17CSEA49)**

**E. VITHYA (A17CSEA50)**

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**CUDDALORE-607001**

**APRIL-2020**

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### AATHIRA CRAFTS CORNER

Being submitted to

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E.VITHYA (A17CSEA50)

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### BACHELOR OF COMPUTER SCIENCE

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Submitted for the viva-voce examination 1.10.2020

Examiners:

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2. 



**BLISS BEAUTY PARLOUR**

**A Mini Project Report**

**Submitted for the partial fulfillment for The award of degree of**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**Submitted by**

**M.AARTHI**

**M.ANITHA PERIYANAYAGI**

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**[A17CSEB02]**

**Under the Guidance of**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

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This is to certify that the Mini Project entitled

### BLISS BEAUTY PARLOUR

Being submitted to

St .Joseph's College of Arts and Science (Autonomous),

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By

M.AARTHI

M.ANITHA PERIYANAYAGI

[A17CSEB01]

[A17CSEB02]

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**Dr. E. MIRANDA LAKSHMI**, M.Sc., M.Phil., Ph.D.  
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Examiners:

1. 

2. 

# **WOMEN ACCESSORIES ONLINE SHOPPING SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

**A.V.ANUSTIYA**

**K.ARULMOZHII**

**[A17CSEB03]**

**[A17CSEB04]**

Under the Guidance of

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

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**CUDDALORE-607001**

**MAY -2020**



## CERTIFICATE

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### WOMEN ACCESSORIES ONLINE SHOPPING SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

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A.V.ANUSTIYA

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[A17CSEB04]

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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Dr. T. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 01/10/2020

#### Examiners:

1. 

2. 



**ONLINE PLANT SHOPPING**

**A Mini Project Report**

**Submitted for the partial fulfillment for**

**The Award of degree of**

**BACHELOR OF SCIENCE**

**IN**

**COMPUTER SCIENCE**

**By**

**S.ASMATH NISHA**

**E.DEEPIKA**

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**[A17CSEB06]**

**Under the Guidance of**

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**(Affiliated to Thiruvalluvar University-Vellore)**

**CUDDALORE-607001**

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### ONLINE PLANT SHOPPING

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

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By

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E.DEEPIKA

[A17CSEB05]

[A17CSEB06]

For the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE

IN

COMPUTER SCIENCE

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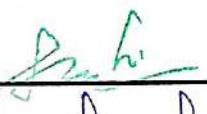
Under my guidance and supervision.

  
INTERNAL GUIDE

  
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Assistant Professor  
Submitted for the viva computer Science  
P.G. & Research Department of Computer Science  
St. Joseph's College of Arts & Science (Autonomous)  
Examiners: 007 001.

Submitted for the viva computer Science held on 10-01-2020

1. 

2. 

# **BT ZONE**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

JAYAPRIYA .M (A17CS EB09)

JEEVA.D (A17CSEB10)

Under the Guidance of

**Mrs.M.A.MARIA PARIMALA M.C.A.,M.Phil.,**

Assistant Professor

(Post Graduate and Research Department of Computer science)



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

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CUDDALORE-607001

MAY 2020



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**BT ZONE**

Being submitted to

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(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

Submitted by

JAYAPRIYA .M (A17CS EB09)

JEEVA.D (A17CSEB10)

For the Partial Fulfillment For the award of degree of

**BACHELOR OF SCIENCE  
IN  
COMPUTER SCIENCE**

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under my guidance and supervision

 INTERNAL GUIDE

**Alice Ilamathy Alexis, M.Sc., B.Ed., M.Phil.**  
Assistant Professor  
P.G. & Research Dept. of Computer Science  
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HEAD OF THE DEPARTMENT

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**EXAMINERS:**

1. ....

2.  .....



# **JOSEBYTES**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

KANIMOZHILM(A17CSEB11)

KANIMOZHLR(A17CSEB12)

Under the Guidance of

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PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE-607001

MAY 2020

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## JOSEBYTES

Being submitted to

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Submitted by

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## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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### INTERNAL GUIDE

Assistant Professor  
P.G. & Research Dept. of Computer Science  
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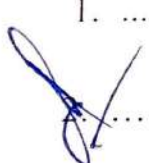
### HEAD OF THE DEPARTMENT

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Cuddalore - 607 001.

Submitted for the Viva-Voce examination held on \_\_\_\_\_

EXAMINERS:

1.  .....

 .....

# **B NEW MOBILES**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

### **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

KAVIYA.R(A17CSEB13)

MAHALAKSHMI.P(A17CSEB14)

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**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE  
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(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE-607001

May-2020



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## B NEW MOBILES

Being submitted to

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(Affiliated to Thiruvalluvar University-Vellore)


Submitted by  
R.KAVIYA(A17CSEB13)  
P.MAHALAKSHMI(A17CSEB14)

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Submitted for the viva -voce examination held on..... 01/10/2020 .....

**XAMINERS:**

1. ....
2. 



# **SMART KIDS GARDEN**

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF COMPUTER SCIENCE**

Submitted by

**M.MALAVIKA (Reg No: A17CSEB15)**

Under the Guidance of

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**Assistant Professor,**

**(PG and Research Department of Computer Science)**



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**(Affiliated to Thiruvalluvar University-Vellore)**

**CUDDALORE-607001**

**MAY -2020**

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**SMART KIDS GARDEN**

Being submitted to

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By


**M.MALAVIKA (Reg No: A17CSEB15)**

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Under my guidance and supervision.

  
**INTERNAL GUIDE**  
J. Antony Daniel Rex, M.C.A., M.Phil.,  
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**Examiners:**

1. 

2. 

**E HOUSING HELPING SOCIETY**

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

**BACHELOR OF COMPUTER SCIENCE**

By

**R.MANORANJITHAM**

**[A17CSEB16]**

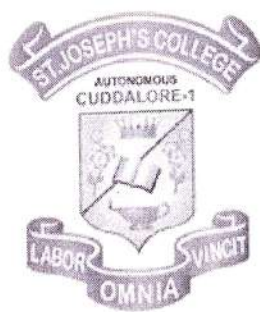
**K.CHANDRALEKA**

**[A17CSEB30]**

**Under the Guidance of**

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**CUDDALORE-60701**

**MAY – 2020**

## CERTIFICATE

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### E HOUSING HELPING SOCIETY

Being submitted to

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**R.MANORANJITHAM**

**K.CHANDRALEKA**

**[A17CSEB16]**

**[A17CSEB30]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



**INTERNAL GUIDE**

**D. ALICE ILAMATHY ALEXIS**, M.Sc., B.Ed., M.Phil.,  
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 1/10/2020

**Examiners:**

1.   
2. 



# **NIVEANA FINANCE**

## **A Mini-Project Report**

Submitted for the partial fulfillment for the award of degree of

## **BACHELOR OF SCIENCE COMPUTER SCIENCE**

Submitted by

R.NARMADHA(A17CSEB17)

S.NIVETHA(A17CSEB18)

Under the Guidance of

**Dr. A.VICTORIA ANAND MARY M.C.A.,M.Phil.,B.ED.,SET.,Ph.D**

Assistant Professor

(Post Graduate and Research Department of Computer science)



**ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE-607001

MAY 2020

# CERTIFICATE

## NIVEANA FINANCE

This is to certify that the Mini-Project entitled

Being submitted to

### ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

(Affiliated to Thiruvalluvar University-Vellore)

Submitted by

R.NARMADHA(A17CSEB17)

S.NIVETHA(A17CSEB18)

For the Partial Fulfillment For the award of degree of

### BACHELOR OF SCIENCE COMPUTER SCIENCE

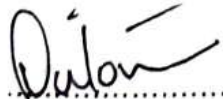
Is a Bonafide record of work carried out by her,  
under my guidance and supervision

  
INTERNAL GUIDE

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Cuddalore - 607 001

#### EXAMINERS:

1. ....
2.  .....

# **ONLINE VOTING SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCENCE IN COMPUTER SCIENCE**

by

**A. PREMALATHA**

**G.SAGAYA MONICA**

**[A17CSEB19]**

**[A17CSEB20]**

**Under the Guidance of**

**Mr. S. ANTONY JONES M.C.A., M.Phil., SET.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

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**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE VOTING SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**A.PREMALATHA**

**S.SAGAYA MONICA**

**[A17CSEB19]**

**[A17CSEB24]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

  
**INTERNAL GUIDE**  
**S. ANTONIO**

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Submitted for the viva-voce examination held on 01/10/2020

**Examiners:**

1. 

2. 



# **LYRA MUSICAL INSTRUMENTS SHOP**

A Mini Project Report

Submitted for the partial fulfillment for  
the award of degree of

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Submitted by

**D. SANDHIYA**

**[A17CSEB21]**

**M. SELSHIYAMARY**

**[A17CSEB22]**

**Under the Guidance of**

**Dr. S. MUTHUKUMARAN M.Sc(IT)., M.Phil., Ph.D.,**

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**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini-Project entitled  
**LYRA MUSICAL INSTRUMENTS SHOP**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**  
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By

**D.SANDHIYA**

**[A17CSEB21]**

**M.SELSHIYA MARY**


**[A17CSEB22]**

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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 01/10/2020

**Examiners:**

1. \_\_\_\_\_

2.  \_\_\_\_\_

# **ONLINE REUSE BOOKS BUYING AND SELLING PORTAL**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

By

**M. SHASHINI [A17CSEB23]**

**K. SRIPRIYA [A17CSEB24]**

Under the Guidance of

**Mrs. J. HEMALATHA, M.Sc(IT), M.Phil.,**

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**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE REUSE BOOKS BUYING AND SELLING PORTAL

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**M. SHASHINI [A17CSEB23]**

**K. SRIPRIYA [A17CSEB24]**

For the partial fulfillment for the award of degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

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Under my guidance and supervision.

  
**INTERNAL GUIDE**

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Head of the Department


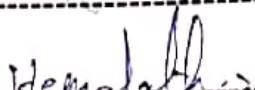
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Cuddalore - 607 001.

Submitted for the viva-voce examination held on 10/1/2019

#### Examiners:

1. 
2. 



# **SPORTS EVENT MANAGEMENT SYSTEM**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

**G.JEEVITHA  
(A17CSEB25)**

**S.JOSEPHINE  
CLARAGNANA OLI  
(A17CSEB26)**

Under the Guidance of

**Mrs.Sudha , M.Sc.,M.Phil.,**

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**(AUTONOMOUS)**

**CUDDALORE-607001**

**MAY -2020**

# CERTIFICATE

This is to certify that the Mini Project entitled  
**SPORTS EVENT MANAGEMENT SYSTEM**

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

**G.JEEVITHA**

(Register No: A17CSEB25)

**S.JOSEPHINE CLARA GNANA OLI**

(Register No: A17CSEB26)

For the partial fulfillment for the award of degree of

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Is a Bonafide record of work carried out by them,

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**INTERNAL GUIDE**

Assistant Professor

**DEPARTMENT**

P.G. & Research Department of Computer Science  
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CHENNAI - 600 092

Submitted for the viva-voce examination held on

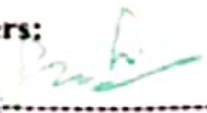
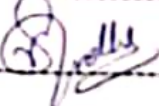
01/10/2020

  
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**DEPARTMENT**

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CHENNAI - 600 092

**Examiners:**

1. 
2. 

# **ONLINE LEARNING WEB APPLICATION**

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

**BACHELOR OF COMPUTER SCIENCE**

by

**N.SELSHIYA**

**G.SATHIYA PRIYA**

**[A17CSEB27]**

**[A17CSEB28]**

**Under the Guidance of**

**Ms. D. Alice Ilamathy Alexis, M.Sc., B.Ed (CS)., M.Phil.,**

**(Assistant Professor, PG and Research Department of Computer Science)**



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**CUDDALORE-607001**

**MAY -2020**

## CERTIFICATE

This is to certify that the Mini Project entitled

### ONLINE LEARNING APP

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

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By

**N.SELSHIYA**

**G.SATHITA PRIYA**

**[A17CSEB27]**

**[A17CSEB28]**

For the partial fulfillment for the award of degree of

### BACHELOR OF COMPUTER SCIENCE

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Cuddalore - 607-001.

**Examiners:**

1. 

2. 



# **DETECTION OF SUICIDE-RELATED POSTS IN TWITTER DATA STREAMS**

**A Main Project Report**

**Submitted for the partial fulfillment for  
the award of degree  
of**

**MASTER OF COMPUTER SCIENCE**

**By**

**A.ANBUMANI**

**(A18MCS01)**

**Under the guidance of**

**Dr. M.ARUMAI SELVAM M.Sc.(Maths), M.Sc.(CS), Ph.D.,  
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CUDDALORE-607001  
APRIL-2020**

## CERTIFICATE

This is to certify that the Main Project entitled

### DETECTION OF SUICIDE-RELATED POSTS IN TWITTER DATA STREAMS

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),  
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By  
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**(A18MCS01)**

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Is a Bonafide record of work carried out by her,

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INTERNAL GUIDE

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HEAD OF DEPARTMENT

M. J.


HOD, PG

ST. JOSEPH'S

(AUTONOMOUS)

Examiners:

1. 

2. 

# **AGRICULTURE MANAGEMENT SYSTEM**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF COMPUTER SCIENCE**

Submitted by

**J.KALAI SELVI**

**(AI8MCS02)**

Under the Guidance of

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(AUTONOMOUS)**

(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**April - 2020**



## CERTIFICATE

This is to certify that the Mini-Project entitled

### AGRICULTURE MANAGEMENT SYSTEM

Being submitted to

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),

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By

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(A18MCS02)

For the partial Fulfillment for the award of degree of

### MASTER OF COMPUTER SCIENCE

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Under My guidance and supervision.

  
INTERNAL GUIDE

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Submitted for the viva-voce examination on 12-04-2021

Examiners:

1

2



# **SMART SCHOOL SYSTEM**

**A Main-Project Report**

**Submitted for the partial fulfillment for the award of degree of**

## **MASTER OF COMPUTER SCIENCE**

**Submitted by**

**R.KALAISELVI**

**(A18MCS03)**

**Under the Guidance of**

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**APRIL- 2020**

# CERTIFICATE

This is to certify that the Main-Project entitled

## SMART SCHOOL SYSTEM

Being submitted to

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By

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## MASTER OF COMPI SCIENCE

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INTERNAL GUIDE


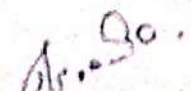
  
HEAD OF THE DEPARTMENT

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Graduate and Research Department of Computer Science  
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(AUTORISATION)

Submitted for the viva-voce examination on 12-04-2021

### Examiners:

1. 
2. 

# **CHANTIX**

A Main-Project Report

Submitted for the partial fulfilment for the award of degree of

## **MASTER OF COMPUTER SCIENCE**

Submitted by

**P. V. MADHUMITHA**

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April – 2020



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### CHANTIX

Being submitted to

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**C. CHRISTY, M.C.A., M.Phil., SET.**

Assistant Professor


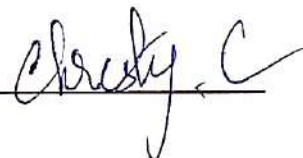
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Submitted for the viva-voce examination on 12/04/21

  
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Examiners:

1. 
2. 



# **PATIENT INFO VIA QR LENS**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE(COMPUTER SCIENCE)**

Submitted by

**K. PRABA KARAN**

**(A18MCS05)**

Under the Guidance of

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Assistant Professor,

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(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**APRIL – 2020**

## CERTIFICATE

This is to certify that the Main-Project entitled

### PATIENT INFO VIA QR LENS

Being submitted to

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(Affiliated to Thiruvalluvar University – Vellore)

By

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(A18MCS05)

For the partial fulfillment for the award of degree of

MASTER OF SCIENCE(COMPUTER SCIENCE)

Is a Bonafide record of work carried out by him,

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INTERNAL GUIDE  
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St. Joseph's College of Arts & Science (Autonomous)

CUDDALORE - 607 003

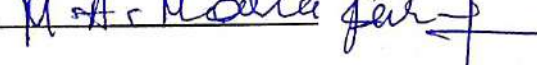
  
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Submitted for the Viva-Voce Examination on 10/4/2021 (AUTONOMOUS), CUDDALORE - 607 003.

Examiners:

1. 

2. 



**DYNAMIC MULTI-KEYWORD RANKED SEARCH BASED ON  
BLOOM FILTER OVER ENCRYPTED CLOUD DATA**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF SCIENCE (COMPUTER SCIENCE)**

Submitted by

**S.REVATHY**

**(A18MCS06)**

Under the Guidance of

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Post Graduate and Research Department of Computer Science



**POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER  
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**ST.JOSEPH'S COLLEGE OF ARTS &SCIENCE  
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(Affiliated to Thiruvalluvar University-Vellore)

**CUDDALORE- 607001**

**APRIL - 2020**

# CERTIFICATE

This is to certify that the Main Project entitled

## **DYNAMIC MULTI-KEYWORD RANKED SEARCH BASED ON BLOOM FILTER OVER ENCRYPED CLOUD DATA**

Being submitted to

**St. Joseph's College of Arts and Science (Autonomous),**

Affiliated to Thiruvalluvar University – Vellore

By

**S.REVATHY**


**(A18MCS06)**

For the partial Fulfillment for the award of degree of

## **MASTER OF SCIENCE (COMPUTER SCIENCE)**

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

  
Internal Guide

**Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.,**  
Assistant Professor,  
P.G. & Research Dept. of Computer Science,  
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Head of the Department

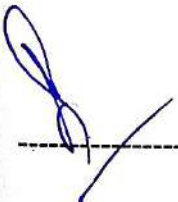
**M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS)**  
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Submitted for the viva-voce examination held on 12/04/21

Examiners:



1. \_\_\_\_\_



2. \_\_\_\_\_



# **PAPERLESS EXAMINATION USING TAB**

A Main-Project Report

Submitted for the partial fulfilment for the award of degree of

## **MASTER OF COMPUTER SCIENCE**

Submitted by

**S. SIVARANJINI**

(A18MCS07)

Under the Guidance of

**Mr. A. ARUN BENEDICT, M.Sc., M.Phil.,**

Assistant Professor,

(Post Graduate and Research Department of Computer Science)



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**CUDDALORE- 607001**

**April – 2020**

## CERTIFICATE

This is to certify that the Main-Project entitled  
**PAPERLESS EXAMINATION USING TAB**

Being submitted to  
St. Joseph's College of Arts and Science (Autonomous),  
(Affiliated to Thiruvalluvar University – Vellore)

By .

**S. SIVARANJINI**

(A18MCS07)

For the partial Fulfillment for the award of degree of

**MASTER OF COMPUTER SCIENCE**

Is a Bonafide record of work carried out by her,

Under My guidance and supervision.

  
**INTERNAL GUIDE**

**Assistant Professor**

**P.G. & Research Department of Computer Science**

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**Cuddalore - 607 001.**

Submitted for the viva-voce examination on 12/4/2021

  
**HEAD OF THE DEPARTMENT**

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**HOD. PG AND RESEARCH DEPT. OF COMP. SCIENCE**

**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS), CUDDALORE - 607 001**

**Examiners:**

1. 

2. 

# **SEARCH MAHAL**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

## **MASTER OF COMPUTER SCIENCE**

Submitted by

**THILAGAM.M (A18MCS08)**

Under the Guidance of

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**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

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CUDDALORE- 607001

**APRIL - 2020**



## CERTIFICATE

This is to certify that the Main Project entitled

### SEARCH MAHAL

Being submitted to

**St. Joseph's College of Arts and Science**

**(Autonomous)**

(Affiliated to Thiruvalluvar University – Vellore)

By

**THILAGAM. M**

**(A18MCS08)**

For the partial fulfillment for the award of degree of

### MASTER OF COMPUTER SCIENCE

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**Examiners:**

1. 

2. 



# **INTERIOR DESIGN**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

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Submitted by

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**April - 2020**

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**Examiners:**

1. \_\_\_\_\_

2.  \_\_\_\_\_

# **CRYPT-TAC: CRYPTOGRAPHICALLY ENFORCED DYNAMIC ACCESS CONTROL**

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

**MASTER OF COMPUTER SCIENCE**

Submitted by

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**CRYPT-TAC: CRYPTOGRAPHICALLY ENFORCED  
DYNAMIC ACCESS CONTROL**

Being submitted to

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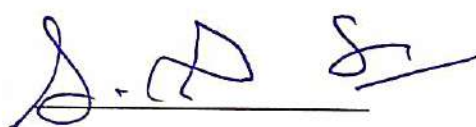
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Examiners:

1.   
\_\_\_\_\_
2.   
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# **SECURED CORDIAL FINANCE LOAN TRANSFER USING IMAGE STEGANOGRAPHY**

A Main Project Report

Submitted for the partial fulfillment for the award of degree

Of

**MASTER OF COMPUTER SCIENCE**

Submitted by

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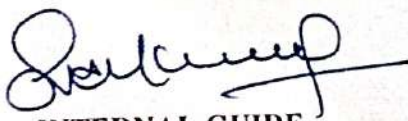
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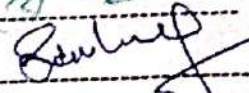
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2. 



# **PETS CART ONLINE SHOPPING SYSTEM**

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

## **MASTER OF COMPUTER SCIENCE**

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### PETS CART ONLINE SHOPPING SYSTEM

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Examiners:

1.



2.





**STUDY OF INDIAN MYTH IN GIRISH KARNAD'S**

***YAYATI AND HAYAVADANA***

**A DISSERTATION SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

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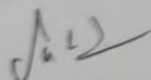
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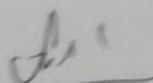
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Date: 25.09.2020

Examiners:

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2.



**A COMPARATIVE STUDIES OF ACTIVISM in ARUNDHATI ROY'S  
NOVELS & ESSAYS**

**A DISSERTATION SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
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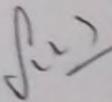
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**SEPTEMBER-2020**

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**IDENTITY CRISIS IN THE SELECT NOVELS OF**

**CHITRA BANERJEE DIVAKARUNI.**

**A DISSERTATION SUBMITTED TO**

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**FOR THE AWARD OF THE DEGREE OF**

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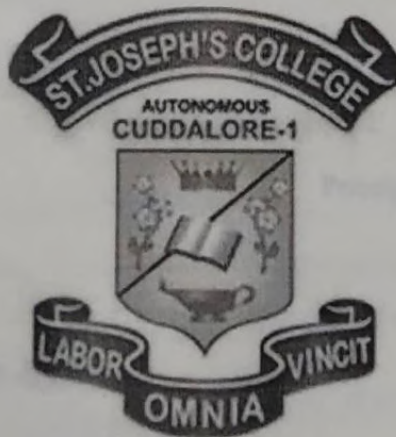
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**CASTE AND CLASS CONFLICT IN MULK RAJ ANAND'S**

***UNTOUCHABLE AND COOLIE***

A DISSERTATION SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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1.

2.



**SOCIAL REALISM AND SELF DISCOVERY IN HERIK IBESSEN'S  
HEDDA GABLER AND ANTON CHEKHOV'S THE CHERRY ORCHARD**

**A DISSERTATION SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
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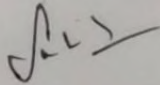
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**SEPTEMBER 2020**

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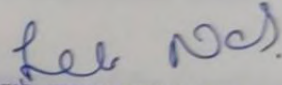
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1.

2.

**IDENTITY CRISIS IN THE SELECTED NOVELS OF ANITA DESAI**

A DISSERTATION SUBMITTED TO

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IN PARTIAL FULFILMENT OF THE REQUIREMENT

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Place: Cuddalore

Date: 25.01.2020

Examiners:

1.

2.



**MAGICAL REALISM IN SALMAN RUSHDIE IN *MIDNIGHT'S CHILDREN***

**AND SATANIC VERSES**

**A DISSERTATION SUBMITTED TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

**FOR THE AWARD OF THE DEGREE OF**

**MASTER OF ARTS IN ENGLISH**

Submitted by

**G. GNANASEKARAN**

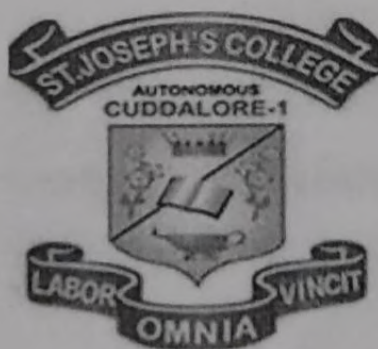
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1.



**POTRAYAL OF WOMEN IN THE SELECT PLAYS OF  
GRISH KARNAD**

A DISSERTATION SUBMITTED TO  
**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE(AUTONOMOUS)**  
IN PARTIAL FULFILMENT OF THE REQUIREMENTFOR THE  
AWARD OF THE DEGREE OF  
**MASTER OF ARTS IN ENGLISH**

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**THE STUDY OF THE INDELIBELITY OF THE PAST IN THE SELECT  
NOVELS OF THOMAS HARDY**

**A DISSERTATION SUBMITTED TO**

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**THE THEME OF ALIENATION IN THE SELECT NOVELS OF  
ANITA DESAI**

**A DISSERTATION SUBMITTED TO**

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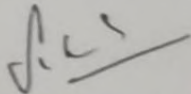
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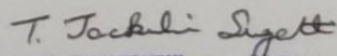
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ELEMENT OF THE ABSURD IN THE SELECT WORKS OF ALBERT  
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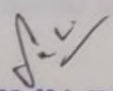
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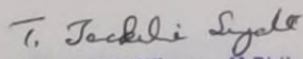
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**CONFLICT AND IDENTITY CRISIS IN ARUN JOSHI'S THE FOREIGNER  
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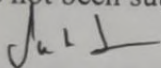
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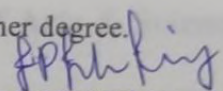
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**MALE CHAUVINISM IN THE SELECT NOVELS OF**  
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A DISSERTATION SUBMITTED TO  
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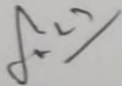
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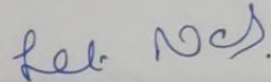
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1.

2.



LEGACY OF WOMEN IN THE SELECT NOVELS OF LOUISA MAY

ALCOTT

A DISSERTATION SUBMITTED TO

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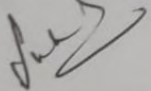
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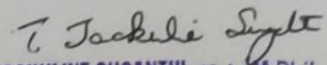
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**RACISM AND SUFFERING IN CARYL PHILIPS'  
*CROSSING THE RIVER AND THE FINAL PASSAGE***

A DISSERTATION SUBMITTED TO  
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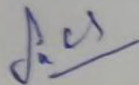
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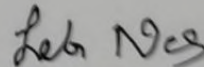
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**ALIENATION IN THE SELECTED NOVELS OF LEWIS CARROLL**  
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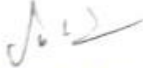
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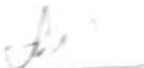


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**ECO CRITICISM IN THE SELECT NOVELS OF KIRAN DESAI**

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**DECODING THE MYTHS AND RELIGIOUS HISTORY IN THE CONTEMPORARY  
INDIAN NOVELS AN IMPACT OF AGE OF REASONING**

A DISSERTATION SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

**MASTER OF ARTS IN ENGLISH**

Submitted by

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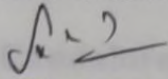
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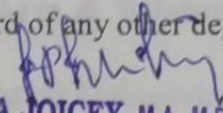
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**AN ANALYTICAL STUDY OF MAHESH DATTANI'S SCREENPLAY'S  
WITH REFERENCE TO EK ALAG MAUSAM AND MORNING RAGA**

**A DISSERTATION SUBMITTED TO  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT**

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QUEST FOR IDENTITY IN THE SELECT NOVELS OF CHITRA

BANERJEE DIVAKARUNI

A DISSERTATION SUBMITTED TO

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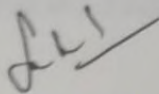
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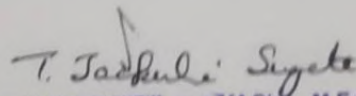
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**SOCIAL REALISM IN THE SELECTED NOVELS OF  
ARAVIND ADIGA'S – AN IMPACT OF REASONING**  
A DISSERTATION SUBMITTED TO  
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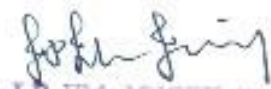
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**ROHINTON MISTRY AS A DIASPORIC WRITER**

A DISSERTATION SUBMITTED TO

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE**

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IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

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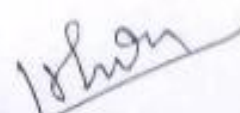
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**STRUGGLE AND SURVIVAL IN SHOBHA DE'S SOCIALITE  
EVENINGS AND STARRING NIGHTS**

**A DISSERTATION SUBMITTED TO  
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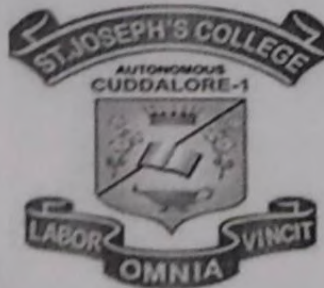
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- 1.
- 2.



**SYMBOLISM IN THE SELECT NOVELS OF VIRGINIA**

**WOOLF**

A DISSERTATION SUBMITTED TO

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IN PARTIAL FULFILMENT OF THE REQUIREMENT

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**INFLUENCE OF HABIT IN HUMAN LIFE**  
**A DISSERTATION SUBMITTED TO**  
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**IN PARTIAL FULFILMENT OF THE REQUIREMENT**  
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HEROISM IN THE SELECT NOVELS OF RUDYARD KIPLING

A DISSERTATION SUBMITTED TO

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IN PARTIAL FULFILMENT OF THE REQUIREMENT

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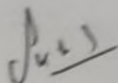
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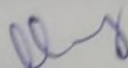
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**ARCHETYPAL APPROACH IN THE SELECT NOVELS OF J.K ROWLING  
AND J.R.R. TOLKIEN**

**A DISSERTATION SUBMITTED TO**

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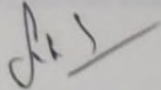
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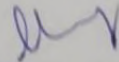
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**POVERTY IN THE SELECT NOVELS OF  
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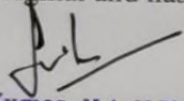
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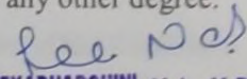
**SEPTEMBER 2020**

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**V.R. Suresh Kumar, M.A., M.Phil., B.Ed.,**  
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Place: Cuddalore

Date: 25.09.2020

**Examiners:**

1.

2.



**IMMIGRANT CULTURE IN THE SELECTED NOVELS OF BHARTI  
MUKHERJEE**

**A DISSERTATION SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
MASTER OF ARTS IN ENGLISH**

Submitted by

**B. MADHUBALA**

**(A18MAE33)**

Under the guidance of

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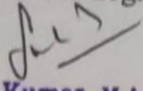
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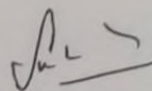
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ANTHROPOMORPHISM ELEMENTS IN THE NOVELS OF C.S.  
LEWIS'S *THE CHRONICLES OF NARNIA: THE LION, THE WITCH AND  
THE WARDROBE & PRINCE CASPIAN: THE RETURN TO NARNIA*

A DISSERTATION SUBMITTED TO

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS)

IN PARTIAL FULFILMENT OF THE REQUIREMENT

FOR THE AWARD OF THE DEGREE OF

MASTER OF ARTS IN ENGLISH

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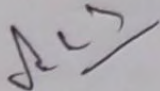
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Mr. V. R. Suresh Kumar,

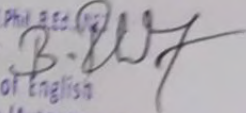
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2.



SHIVA TRILOGY IN THE SELECTED NOVELS OF  
AMISH TRIPATHI

A DISSERTATION SUBMITTED TO  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
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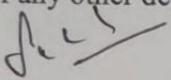
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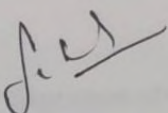
SEPTEMBER 2020

## CERTIFICATE

This is to certify that the dissertation entitled **SHIVA TRILOGY IN THE SELECTED NOVELS OF AMISH TRIPATHI** is a bonafide record of the project work done by **M. MEHARAJ BEGAM., A18MAE35** in partial fulfilment for the award of the degree of **MASTER OF ARTS IN ENGLISH** submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore-01 affiliated to Thiruvalluvar University, Vellore carried out by her under my supervision. The matter embodied in this dissertation is original and has not been submitted for the award of any other degree.

  
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Place: Cuddalore

Date: 25.09.2020

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1.

2.

**ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

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**PROJECT WORK**

**DEPARTMENT: MICROBIOLOGY**

**YEAR:2019-2020**

**Total Number of students: 25**

S.No	PROGRAMME NAME	PROGRAM CODE	REG. NO	NAME OF THE STUDENTS UNDERTAKING PROJECTS	PROJECT TITLE
1	M.Sc., Applied Microbiology	MB	A18MMB01	Abarna V	Isolation of phenol tolerant tyrosinase producing bacteria from mangrove soil
2	M.Sc., Applied Microbiology	MB	A18MMB02	Anju V	Gamma Amino Butyric Acid (GABA) producing bacteria from Human Microbiota
3	M.Sc., Applied Microbiology	MB	A18MMB03	Aravindraj S	Microbial synthesis of selenium nanoparticles (Se NPs) and its microbial inhibition activity against clinical isolates
4	M.Sc., Applied Microbiology	MB	A18MMB04	Gayathri G	Silver nanoparticles synthesis using lactic acid bacteria isolated from human gut
5	M.Sc., Applied Microbiology	MB	A18MMB05	Guhan Balaji S	Studies on the activity of bacteriophage against shrimp pathogens
6	M.Sc., Applied Microbiology	MB	A18MMB07	Hemavathi J	A study on antimicrobial activity of piper, betle plant extract
7	M.Sc., Applied Microbiology	MB	A18MMB08	Indhumathi R	Bioprospecting of <i>Plumeria bicolor</i> against Clinical isolates of Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA)
8	M.Sc., Applied Microbiology	MB	A18MMB09	Iyswariya Tamby R	Studies on the antimicrobial activity of <i>Hylocereus undatus</i> Fruit
9	M.Sc., Applied Microbiology	MB	A18MMB10	Karthiga N	Invitro synthesis of silver nanoparticles and study its antimicrobial , antioxidant and anticancer activity of <i>Ocimum sanctum</i> plant leaf extract
10	M.Sc., Applied Microbiology	MB	A18MMB11	Lavanya A	Studies on enzyme producing bacteria from ascidian species

11	M.Sc., Applied Microbiology	MB	A18MMB12	Malathi A	Evaluation of antibacterial activities of selected marine macroalgae and screening of associated bacterial flora
12	M.Sc., Applied Microbiology	MB	A18MMB13	Naseem S	Antibacterial and antibiofilm efficacy of antibiotic conjugated silver nanoparticles (Ag NPs) against clinical pathogens
13	M.Sc., Applied Microbiology	MB	A18MMB14	Nithyalakshmi V	Studies on Antibacterial activity of <i>Physalis minima</i>
14	M.Sc., Applied Microbiology	MB	A18MMB15	Poongodi S	Invitro characterization of cholesterol degrading bacteria from human gut microbiota
15	M.Sc., Applied Microbiology	MB	A18MMB16	Pushparaj P	Antagonistic activity of gut microflora on alimentary pathogens
16	M.Sc., Applied Microbiology	MB	A18MMB17	Rajesh R	Biodegradation of monocrotophos by potential bacterial strain
17	M.Sc., Applied Microbiology	MB	A18MMB18	Rubasri S	Biosynthesis of silver nanoparticles from <i>Catharanthus roseus</i> leaf extract and evaluation of their antimicrobial activity
18	M.Sc., Applied Microbiology	MB	A18MMB19	Sangeetha S	Isolation and identification of bacteria from urine sample and their antibiotic susceptibility pattern
19	M.Sc., Applied Microbiology	MB	A18MMB20	Saranya A	Screening of marine antagonistic bacteria and inhibitory studies against fish pathogens
20	M.Sc., Applied Microbiology	MB	A18MMB21	Senthamil selvi E	Isolation and identification of zinc solubilizing bacteria from rhizosphere soil
21	M.Sc., Applied Microbiology	MB	A18MMB22	Senthil Murugan K	Isolation of <i>Lactobacillus</i> from fermented dairy product and its antimicrobial activity
22	M.Sc., Applied Microbiology	MB	A18MMB23	Sivaranjani K	studies on Biological control agents (Bacteriophage) and its host isolation from sewage
23	M.Sc., Applied Microbiology	MB	A18MMB24	Sumithra S	Studies on Antibacterial activity of <i>Cardiospermum helicacabum</i>



24	M.Sc., Applied Microbiology	MB	A18MMB25	Vivitha G	comparative studies on azotobacter species from zeamay soil and sugarcane soil
25	M.Sc., Applied Microbiology	MB	A18MMB26	Keerthiga D	Phytochemical analysis and antimicrobial activity of leaf extracts of <i>Delonix elata</i>

# **ISOLATION OF PHENOL-TOLERANT TYROSINASE PRODUCING BACTERIA FROM MANGROVE SOIL**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**V. ABARNA**

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**Under the Guidance of**

**Dr. C. SWAMINATHAN, M.Sc., M.Phil., Ph.D.,**



**October 2020**

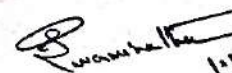
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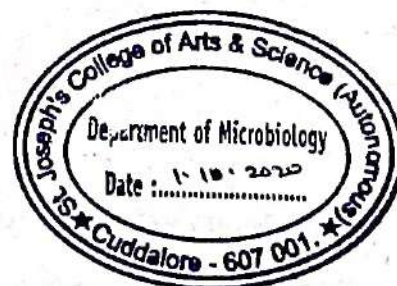
This is to certify that the dissertation entitled "Isolation of Phenol-Tolerant Tyrosinase Producing Bacteria from Mangrove Soil" submitted by V.ABARNA, Reg No.: A18MMB01 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
1.10.2020

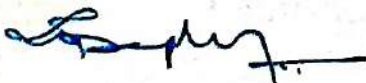
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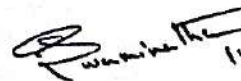


Examiner 1:



Date of viva voce (Online): 1.10.2020

Examiner 2:

  
1.10.2020

# **GAMMA AMINO BUTYRIC ACID (GABA) PRODUCING BACTERIA FROM HUMAN MICROBIOTA**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

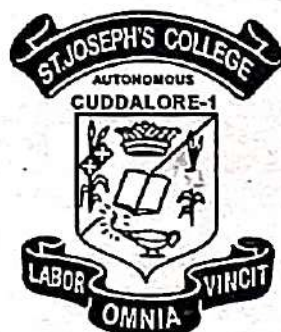
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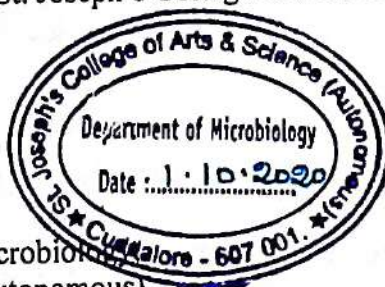
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**CERTIFICATE**

This is to certify that the dissertation entitled "Gamma Amino Butyric Acid (GABA) producing bacteria from Human Microbiota" submitted by V. Anju, Reg No.: A18MMB02 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).



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Examiner 1:



Date of viva voce (Online): 1.10.2020

Examiner 2:



**MICROBIAL SYNTHESIS OF SELENIUM NANOPARTICLES  
(Se NPs) AND ITS MICROBIAL INHIBITION ACTIVITY  
AGAINST CLINICAL ISOLATES**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

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Date of viva voce (Online): 1.10.2020



**SILVER NANOPARTICLES SYNTHESIS USING LACTIC ACID BACTERIA  
ISOLATED FROM HUMAN GUT**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

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**Register No. A18MMB04**

**Under the Guidance of**

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**OCTOBER 2020**

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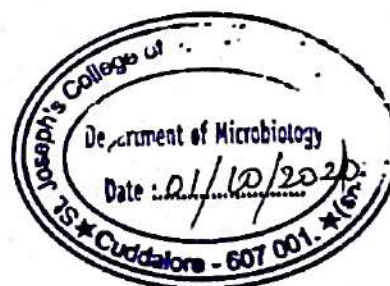
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Examiner 1:



Examiner 2:

  
01/10/2020

Date of viva voice(online): 1.10.2020

# **STUDIES ON THE ACTIVITY OF BACTERIOPHAGES AGAINST SHRIMP PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

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**Register No. A18MMB05**

**Under the Guidance of**

**Dr. D. JOHN MILTON**



**October 2020**

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**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
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**CERTIFICATE**

This is to certify that the dissertation entitled “Studies on the activity of Bacteriophages against Shrimp pathogens” submitted by **GUHAN BALAJI S**, Reg No.: **A18MMB05** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
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Examiner 1: 

Date of viva voce (Online): 1.10.2020

Examiner 2:   
01/10/2020



**A STUDY ON ANTIMICROBIAL ACTIVITY OF PIPER BETLE PLANT  
EXTRACT**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**J. HEMAVATHI**

**Register No. A18MMB07**

**Under the Guidance of**

**R. KRISHNAN, M.Sc., M.Phil.**



**May 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001**



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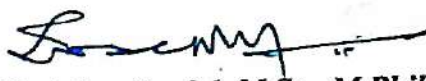
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Examiner 1:



Examiner 2:



Date of viva voce: 1.10.20



**BIOPROSPECTING OF *PLUMERIA BICOLOR* AGAINST CLINICAL  
ISOLATES OF METHICILLIN RESISTANT  
*STAPHYLOCOCCUS AUREUS* (MRSA)**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**R. INDHUMATHI**

**Register No. A18MMB08**

**Under the Guidance of**

**S. MEGALA, M.Sc., Ph.D.,**



**October 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
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This is to certify that the dissertation entitled "**Bioprospecting of *Plumeria bicolor* against Clinical isolates of Methicillin Resistant *Staphylococcus aureus* (MRSA)**" submitted by **R. Indhumathi**, Reg No: **A18MMB08** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
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Examiner 1: 

Date of viva voce (Online): 1.10.2020

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**STUDIES ON THE ANTIBACTERIAL ACTIVITY OF  
*HYLOCEREUS UNDATUS* FRUIT.**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**R. IYSWARIYA TAMBY**

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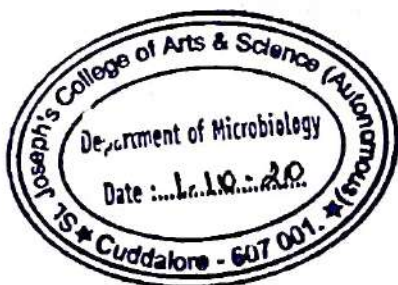



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Examiner 2: 

**INVITRO SYNTHESIS OF SILVER NANOPARTICLES AND STUDY  
ITS ANTIMICROBIAL, ANTIOXIDANT AND ANTICANCER  
ACTIVITY OF *OCIMUM SANCTUM* PLANT LEAF EXTRACT**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
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**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

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This is to certify that the dissertation entitled "**Invitro synthesis of silver nanoparticles and study its antimicrobial, antioxidant and anticancer activity of *Ocimum sanctum* plant leaf extract**" submitted by N. Karthiga, Reg No.:A18MMB10 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him/her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles



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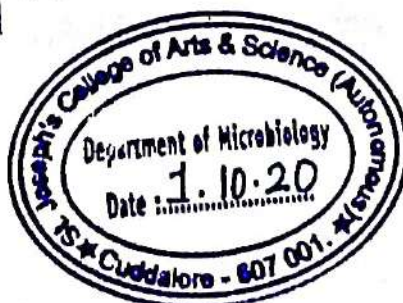
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Examiner 2:



Date of viva voce: 1.10.20





# **STUDIES ON ENZYME PRODUCING BACTERIA FROM MARINE ASCIDIAN SPECIES**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

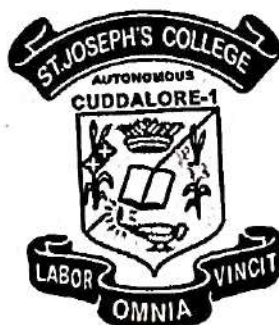
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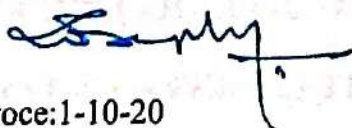
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Examiner 1:



Date of viva voce: 1-10-20

Examiner 2:



# **EVALUATION OF ANTIBACTERIAL ACTIVITIES OF SELECTED MARINE MACROALGAE AND SCREENING OF ASSOCIATED BACTERIAL FLORA**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**A. MALATHI**

**Register No. A18MMB12**

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**October 2020**

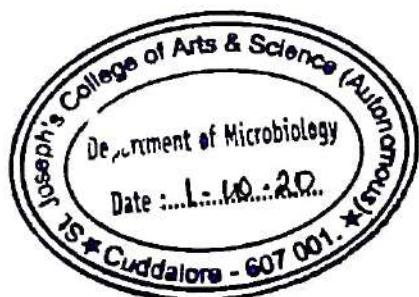
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Examiner 1: 

Date of viva voce (Online): 1.10.2020

Examiner 2: 



**ANTIBACTERIAL AND ANTIBIOFILM EFFICACY OF  
ANTIBIOTIC CONJUGATED SILVER NANOPARTICLES  
(Ag NPs) AGAINST CLINICAL PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfilment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

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**Register No. A18MMB13**

**Under the Guidance of**

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**October 2020**

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A. J. Jayaprakash  
11/10/2020

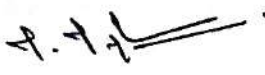
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Examiner 1: 

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Date of viva voce (Online): 1.10.2020

# **STUDIES ON ANTIBACTERIAL ACTIVITY OF *PHYSALIS MINIMA***

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

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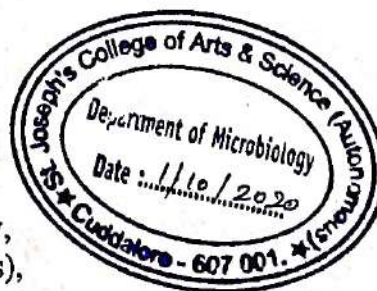
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Examiner 1: 

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1.10.20

Date of viva voce (Online): 1.10.2020



**INVITRO CHARACTERIZATION OF CHOLESTEROL DEGRADING  
BACTERIA FROM HUMAN GUT MICROBIOTA**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

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**Register No. A18MMB15**

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**October 2020**

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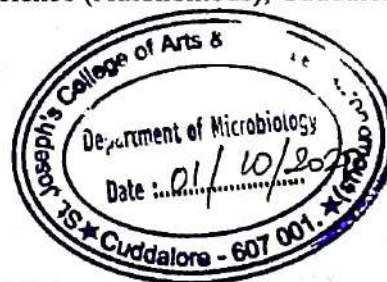
This is to certify that the dissertation entitled “**INVITRO CHARACTERIZATION OF CHOLESTEROL DEGRADING BACTERIA FROM HUMAN GUT MICROBIOTA**” submitted by **S. POONGODI**, Reg No. **A18MMB15** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).



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Examiner 1: 

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01/10/2020

Date of viva voce(Online): 01.10.2020

# **ANTAGONISTIC ACTIVITY OF GUT MICROFLORA ON ALIMENTARY PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

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**Register No. A18MMB16**

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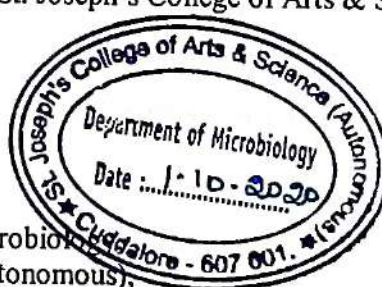
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Examiner 1:



Examiner 2:



Date of viva voce (Online): 1.10.2020



# **BIODEGRADATION OF MONOCROTOPHOS BY POTENTIAL BACTERIAL STRAIN**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

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**Under the Guidance of**

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**October 2020**

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This is to certify that the dissertation entitled "**Biodegradation of Monocrotophos by Potential Bacterial strain**" submitted by **RAJESH R**, Reg No.: **A18MMB17** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
01/10/2020

**Dr. D. JOHN MILTON**

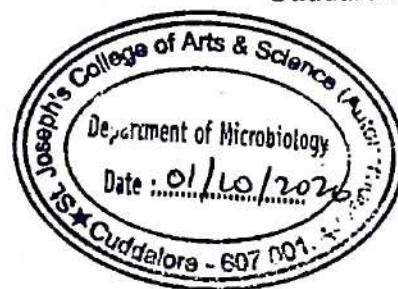
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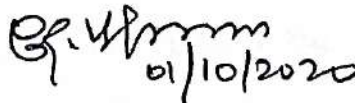
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Examiner 1:



Examiner 2:

  
01/10/2020

Date of viva voce (Online): 1.10.2020

# **BIOSYNTHESIS OF SILVER NANOPARTICLES FROM CATHARANTHUS ROSEUS LEAF EXTRACT AND EVALUATION OF THEIR ANTIMICROBIAL ACTIVITY**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

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**Register No. A18MMB18**

**Under the Guidance of**

**Dr.C.SWAMINATHAN, M.Sc., M.Phil., Ph.D.,**



**October 2020**

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
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**CERTIFICATE**

This is to certify that the dissertation entitled "**Biosynthesis of Silver Nanoparticles from *Catharanthus roseus* Leaf Extract and Evaluation of Their Antimicrobial activity**" submitted by **S. RUBASRI** Reg No.: **A18MMB18**, to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
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**Dr. C. Swaminathan,**  
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Examiner 2:   
1.10.2020

Date of viva voce (Online): 1.10.2020



**ISOLATION AND IDENTIFICATION OF BACTERIA FROM URINE SAMPLE  
AND THEIR ANTIBIOTIC SUSCEPTIBILITY PATTERN**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**S. SANGEETHA**

**Register No. A18MMB19**

**Under the Guidance of**

**Dr. D. SUMITHA, M.Sc., M.Phil., Ph.D.,**



**OCTOBER 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**

**(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**




**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE -1**

---

**CERTIFICATE**

This is to certify that the dissertation entitled "ISOLATION AND IDENTIFICATION OF BACTERIA FROM URINE SAMPLE AND THEIR ANTIBIOTIC SUSCEPTIBILITY PATTERN" submitted by S. SANGEETHA, Reg No. A18MMB19 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
(Dr. D. SUMITHA)

Assistant Professor,

PG and Research Department of Microbiology,  
St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1



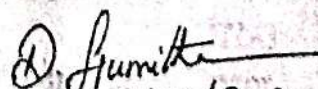
Dr. S. Joseph Christian Daniel,  
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Cuddalore-1



Examiner 1:



Examiner 2:

  
01/10/2020

Date of viva voce (online): 1.10.2020

# **SCREENING OF MARINE ANTAGONISTIC BACTERIA AND INHIBITORY STUDIES AGAINST FISH PATHOGENS**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**A. SARANYA**

**Register No. A18MMB20**

**Under the Guidance of**

**Dr.M. PARIMALA CELIA M.Sc., M.Phil., Ph.D.**



**October 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001**

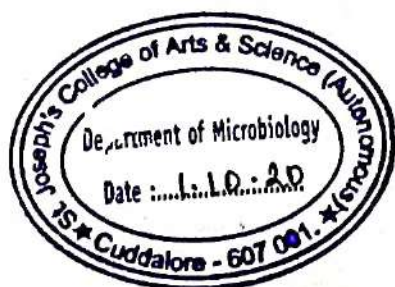


**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE – 1**

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**CERTIFICATE**

This is to certify that the dissertation entitled “**Screening of Marine Antagonistic Bacteria and Inhibitory Studies Against Fish Pathogens**” submitted by **A. Saranya** , Reg No.: **A18MMB20** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 – 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

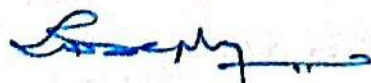


  
**Dr.M. Parimala Celia M.Sc., M.Phil., Ph.D.**

Assistant professor,  
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St. Joseph's College of Arts & Science (Autonomous),  
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**Dr. S. Joseph Christian Daniel**  
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Cuddalore- 1

Examiner 1:



Examiner 2:



Date of viva voce (Online): 1.10.2020

# **ISOLATION AND IDENTIFICATION OF PESTICIDE RESISTANT PGPR FROM RHIZOSPHERE SOIL**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**SENTHAMIL SELVI E**

**Register No. A18MMB21**

**Under the Guidance of**

**Dr. D. JOHN MILTON**



**October 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLOVAR UNIVERSITY)  
CUDDALORE - 607 001**

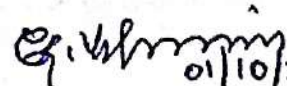


**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**

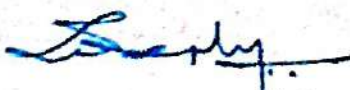
---

**CERTIFICATE**

This is to certify that the dissertation entitled "Isolation and Identification of Pesticide resistant PGPR from Rhizosphere soil" submitted by SENTHAMIL SELVI E, Reg No.: A18MMB21 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

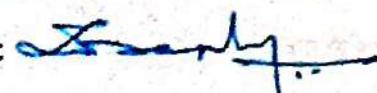
  
**Dr. D. JOHN MILTON**  
Assistant professor,

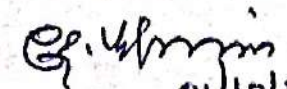
PG and Research Department of Microbiology,  
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**Dr. S. Joseph Christian Daniel**  
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Cuddalore- 1



Examiner 1:   
Date of viva voce (Online): 1.10.2020

Examiner 2:   
01/10/2020

**ISOLATION OF *LACTOBACILLUS* FROM FERMENTED DAIRY  
PRODUCT AND ITS ANTIMICROBIAL ACTIVITY**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**K. SENTHIL MURUGAN**

**Register No. A18MMB22**

**Under the Guidance of**

**R. KRISHNAN, M.Sc., M.Phil.**



**May 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**



**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**

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**CERTIFICATE**

This is to certify that the dissertation entitled "**Isolation of *Lactobacillus* from fermented dairy product and its antimicrobial activity**" submitted by K. Senthil Murugan, Reg No.: A18MMB22 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him/her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles



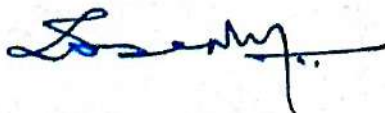
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Examiner 1:



Examiner 2:



Date of viva voce: 1.10.20



**STUDIES ON BIOLOGICAL CONTROL AGENTS  
(BACTERIOPHAGE) AND ITS  
HOST ISOLATION FROM SEWAGE**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**SIVARANJANI K**

**Register No. A18MMB23**

**Under the Guidance of**

**Dr. J. JAYA PRAKASH, M.Sc., DMLT., Ph.D.,**



**October 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
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(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**

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**CERTIFICATE**

This is to certify that the dissertation entitled "Studies on Biological Control agents(Bacteriophage) and Its Host Isolation from Sewage" submitted by Sivaranjani K, Reg No.: A18MMB23 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

A. A. J. 11/10/20

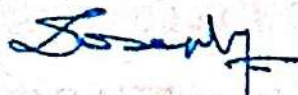
**Dr. J. Jayaprakash**  
Assistant professor,  
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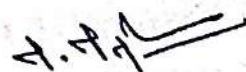
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Examiner 1:



Examiner 2:



Date of viva voce (Online): 1.10.2020

**STUDIES ON ANTIBACTERIAL ACTIVITY OF  
*CARDIOSPERMUM HELICACABUM***

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**S. SUMITHRA**

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**Under the Guidance of**

**S. MEGALA, M.Sc., Ph.D.,**



**October 2020**

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**CUDDALORE - 1**

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**CERTIFICATE**

This is to certify that the dissertation entitled "**Studies on Antibacterial activity of *Cardiospermum helicacabum***" submitted by **S. Sumithra**, Reg No: **A18MMB24** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
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Cuddalore - 1



**Dr. S. Joseph Christian Daniel**  
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St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore- 1



Examiner 1: 

Examiner 2:  1.10.20

Date of viva voce (Online): 1.10.2020

# **COMPARATIVE STUDIES ON AZOTOBACTER SPECIES FROM ZEAMAYS SOIL AND SUGARCANE SOIL**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of**

**MASTER OF SCIENCE IN APPLIED MICROBIOLOGY**

**By**

**VIVITHA.G**

**Register No. A18MMB25**

**Under the Guidance of**

**Dr. P. John Thomas, M.Sc., M.Phil., Ph.D.,**



**October-2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)**

**CUDDALORE - 607 001**



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**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**

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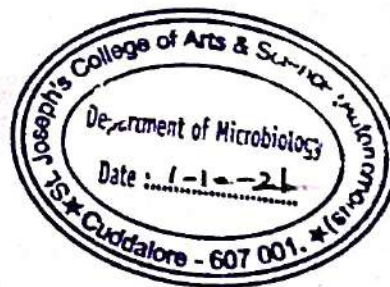
This is to certify that the dissertation entitled "Comparative studies on Azotobacter species from Zcamays soil and Sugarcane soil." submitted by Vivitha.G, Reg No.: A18MMB25 to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by him/her under my supervision during the course of the year 2019 - 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles.



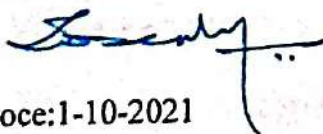
**Dr. P. John Thomas M.Sc., M.Phil., Ph.D.,**  
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Cuddalore- 1



Examiner 1:



Date of viva voce: 1-10-2021

Examiner 2:



# **PHYTOCHEMICAL ANALYSIS AND ANTIMICROBIAL ACTIVITY OF LEAF EXTRACTS OF DELONIX ELATA**

**M. Sc. Dissertation submitted to St. Joseph's College of Arts and Science (Autonomous),  
Cuddalore, in partial fulfillment of the requirements for the award of the degree of  
Master of Science in Applied Microbiology**

**By**

**D. KEERTHIGA**

**Register No. A18MMB26**

**Under the Guidance of**

**Dr.C.SWAMINATHAN,M.Sc.,M.Phil.,Ph.D.,**



**October 2020**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
(AFFILIATED TO THIRUVALLUVAR UNIVERSITY)  
CUDDALORE - 607 001**

**PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY**  
**ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),**  
**CUDDALORE - 1**


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**CERTIFICATE**

This is to certify that the dissertation entitled "**Phytochemical Analysis and Antimicrobial Activity of Leaf Extracts of *Delonix elata***" submitted by **D.KEERTHIGA** Reg No. **A18MMB26** to St. Joseph's College of Arts & Science (Autonomous), Cuddalore -1 in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Microbiology is a bonafide project work carried out by her under my supervision during the course of the year 2019- 2020. No part of the dissertation has been submitted to any other institute or university for the award of any degree / diploma / fellowship / or any other similar titles. (This dissertation is submitted as soft copy for the viva voce examination).

  
1.10.2020

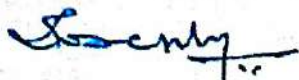
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St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 1



**Dr. S. Joseph Christian Daniel,**  
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St. Joseph's College of Arts & Science (Autonomous),  
Cuddalore - 1

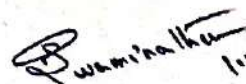


Examiner 1:



Date of viva voce (online): 1.10.2020

Examiner 2:

  
1.10.2020



**A STUDY ON FLOODING CHALLENGES FACED BY SLUM AT  
THIRUPAPULIYUR IN CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND  
SCIENCE (AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF  
THE REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIAL WORK**

**By  
AAYILYA T  
(A18MSW01)**

**Under The Guidance Of  
Mrs. M. PerkishSalomina  
Asst. Professor, Department of Social Work**



**PG DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
APRIL - 2020**

## CERTIFICATE

This is to certify that Dissertation on "A STUDY ON FLOODING CHALLENGES FACED BY SLUM AT THIRUPAPULIYUR IN CUDDALORE" is a bonafide record of work done by AAYILYA T (A18MSW01) of IIMSW under my guidance and supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in a partial fulfilment for the award of the degree in MASTER OF SOCIAL WORK.

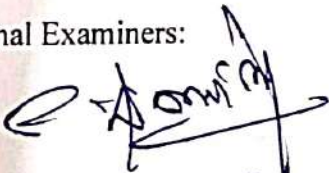

  
Head of the Department  
**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal Guide

Place: Cuddalore

Date: 28/9/20

External Examiners:

1. 
2. 

# **A STUDY ON MARITAL ADJUSTMENT AMONG NURSES IN GOVERNMENT HOSPITAL AT CUDDALORE.**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
AROCKIA PRIYA E  
(A18MSW02)**

**Under the Guidance of  
MR. J. DURAI RAJ  
Head, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**



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This is to certify that Dissertation on A STUDY ON MARITAL ADJUSTMENT AMONG NURSES IN GOVERNMENT HOSPITAL AT CUDDALORE is a bonafide record or work done by AROCKIA PRIYA E (A18MSW02) of II MSW under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in MASTER OF SOCIAL WORK.



Head of the Department

**Mr. J. DURAI RAJ**  
**Assistant Professor & Head**  
**Department of Social Work,**  
**St. Joseph's College of Arts & Science**  
**(Autonomous), Cuddalore - 607 001**



Internal guide

Place: *cuddalore*

Date: *28/09/2020*

External Examiners:

1.

2.



# **ECONOMIC STATUS OF BARBERS AT CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**

**AROKIA MARY M**

**(A18MSW03)**

**Under the Guidance of**

**MR. J. DURAI RAJ**

**Head, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**

## CERTIFICATE

This is to certify that Dissertation on **ECONOMIC STATUS OF BARBERS AT CUDDALORE** is a bonafide record or work done by **AROKIA MARY M (A18MSW03)** of **II MSW** under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK**.

  
Head of the Department  
**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal guide

Place: *Cuddalore*

Date: *28/09/2020*

External Examiners:

1. 

2. 



**SOCIAL MEDIA ADDICTION AMONG POST GRADUATE  
STUDENTS AT ST.JOSEPH'S COLLEGE OF ARTS AND  
SCIENCE (AUTONOMOUS), CUDDALORE-1.**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIAL WORK**

**BY  
ASHWIN JERRY PRINCE.S  
(A18MSW04)**

**Under the Guidance of  
MRS.VANATHI.S  
Assistant Professor, PG Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE - 607001**

**MARCH - 2020**

## CERTIFICATE

This is to certify that Dissertation "SOCIAL MEDIA ADDICTION AMONG POST GRADUATE STUDENTS AT ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE" is a bonafide record of work done by S.ASHWIN JERRY PRINCE (A18MSW04) of II<sup>nd</sup> MSW under my guidance and supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree in MASTER OF SOCIAL WORK



Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001



Internal Guide

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1. 
2. 

# **UNEMPLOYMENT PROBLEM AMONG YOUTH AT KURUMBUR**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
BRITTO P  
(A18MSW05)**

**Under the Guidance of  
MRS. S. VANATHI  
Assistant Professor, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**



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Head of the Department

**Mr. J. DURAI RAJ**  
**Assistant Professor & Head**  
**Department of Social Work,**  
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**(Autonomous), Cuddalore - 607 001**



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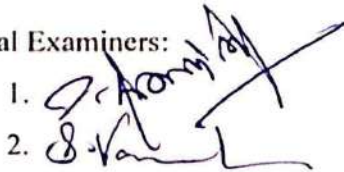
Place: *Cuddalore*

Date: *28/09/2020*

External Examiners:

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2.

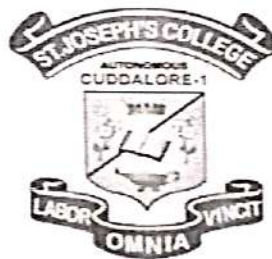


**OCCUPATIONAL STRESS AMONG THE POSMORTEM WORKERS AT  
GOVERNMENT HOSPITAL, CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
DHANALAKSHMI M  
(A18MSW06)**

**Under the Guidance of  
Ms. PERKISH SALOMINA  
Head Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
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Head of the Department

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**M. Sankish Salomi**  
Internal guide

Principal

Place: **Cuddalore**

Date: **28/09/2020**

External Examiners:

1. **J. Durai Raj**
2. **J. Van**



**ANXIETY AMONG TEACHER OF SPECIAL CHILDREN AT SATYA  
SPECIAL SCHOOL, PUDUCHERRY**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
DHARSHINI C  
(A18MSW07)**

**Under the Guidance of  
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Head Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
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Head of the Department

**Mr. J. DURAI RAJ**  
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Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore

Internal guide

Principal

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1. [Signature]
2. J. Vani

**COMPENSATION MANAGEMENT AND EMPLOYEE  
PERFORMANCE AT LOYAL SUPER FABRIC, KUDIKADU,  
CUDDALORE.**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**  
**DIANA ROSLIN A**  
**(A18MSW08)**

**Under the Guidance of**  
**MR. J. DURAI RAJ**  
**Head, Department of Social Work**

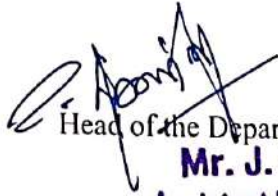


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Head of the Department

**Mr. J. DURAI RAJ**

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**St. Joseph's College of Arts & Science**

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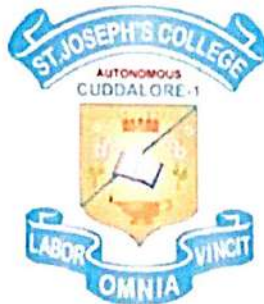


**FACTORS AFFECTING MOTHER'S BREASTFEEDING  
PRACTICES AT MANJAKUPPAM WARD IN CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND  
SCIENCE (AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF  
THE REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIAL WORK**

**By  
DIVYA.S  
(A18MSW09)**

**Under The Guidance Of  
MRS. VANATHI. S  
Assistant Prof, Department of Social Work**



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Head of the Department

**Mr. J. DURAI RAJ**

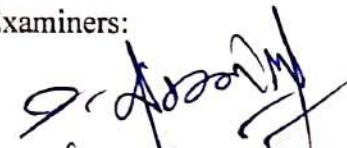

**Assistant Professor & Head  
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Internal guide

Place: Cuddalore

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2. 

**A STUDY ON EMPLOYEE RETENTION AT LOYAL SUPER  
FARBRCS KUDIKADU IN CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND  
SCIENCE (AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF  
THE REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIAL WORK**

**By  
DRAVIDAN N  
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**Under The Guidance Of  
MR. A. MAHIMAI KUZHANTHAI YESU  
Asst. Professor, Department of Social Work**



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Head of the Department

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**A STUDY ON PERFORMANCE APPRAISAL AMONG  
EMPLOYEE AT LOYAL SUPER FABRICS IN KUDIKADU,  
CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
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**By  
EDVIYA SHERLY . S  
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**Under the Guidance of  
Mrs. S. Vanathi  
Asst. Professor, Department of Social Work**



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Head of the Department

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St. Joseph's College of Arts & Science  
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Place: Cuddalore


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External Examiners:

1.



2.



# **DEPRESSION AMONG CANCER PATIENTS AT PUDUCHERRY CANCER TRUST HOSPITAL**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**  
**ILAMPARITHI M**  
**(A18MSW12)**

**Under the Guidance of**  
**MRS. S. VANATHI**  
**Assistant Professor, Department of Social Work**



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(Autonomous), Cuddalore - 607 001

  
Internal guide

Place: *Cuddalore*

Date: *28/04/2020*

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# **ACADEMIC PROBLEMS FACED BY GYPSY CHILDREN AT JOLLY HOME, PUDUCHERRY.**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
INBAVALLI T  
(A18MSW13)**

**Under the Guidance of  
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Head of the Department

**Mr. J. DURAI RAJ**  
**Assistant Professor & Head**  
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**(Autonomous), Cuddalore - 607 001**



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# **A STUDY ON EFFECTS OF DEMENTIA AMONG GERIATRICS IN SHARON SOCIETY OF PONDICHERRY**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**

**INDHU K**

**(A18MSW14)**

**Under the Guidance of**

**MR. J. DURAI RAJ**

**Head, Department of Social Work**




**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
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Head of the Department  
**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
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Place: *cuddalore*

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# **EMPLOYEE HEALTH & SAFETY MEASURES AT LOYAL SUPER FABRICS KUDIKADU**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
ISABELLARANI R  
(A18MSW15)**

**Under the Guidance of  
MRS. M. PERKISHSALOMINA  
Assistant Professor, Department of Social Work**

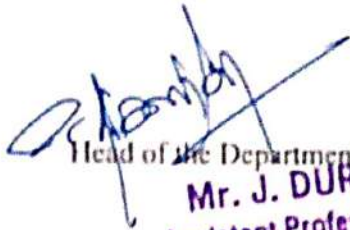


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Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal guide

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1.   
2. 

**MENTAL HEALTH PROBLEM FACED BY PARENTS OF  
DISABLED CHILDREN IN ST. JOHN'S SPECIAL  
SCHOOL,VILLUPURAM.**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
JANCY JENNIFER A  
(A18MSW16)**

**Under the Guidance of  
MR. J. DURAI RAJ  
Head, Department of Social Work**



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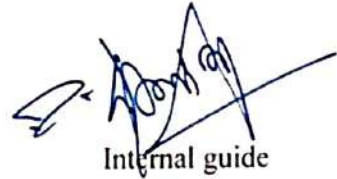
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Internal guide

Place: *Cuddalore*

Date: *28/09/2020*

External Examiners:

1. 

2. 



# **A STUDY ON OCCUPATIONAL STRESS FACED BY THE SCHOOL TEACHERS AT ST ANNE'S SCHOOL ERAYUR.**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
JOHN LOUIS S  
(A18MSW17)**

**Under the Guidance of  
MRS. S. VANATHI  
Assistant Professor, Department of Social Work**



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**Assistant Professor & Head**  
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**(Autonomous), Cuddalore - 607 001**



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Place: *cuddalore*

Date: *28/09/2020*

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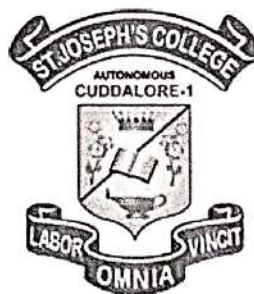
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**MENSTRUAL HYGIENE AMONG EARLY ADOLESCENCE  
IN GOVERNMENT GIRLS HIGHER SECONDARY SCHOOL  
PUDUCHERRY**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
LAWANYA S  
(A18MSW18)**

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Assistant Professor, Department of Social Work**



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Head of the Department

**Mr. J. DURAI RAJ**  
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**Department of Social Work,**  
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Internal guide

Place: *cuddalore*

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**A STUDY ON CHALLENGES FACED BY WOMEN STREET VENDORS AT  
THIRUPATHIRIPULIYUR, CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
MAHALAKSHMI. S  
(A18MSW19)**

**Under the Guidance of  
MS. R. VISHALI  
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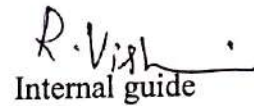
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Head of the Department

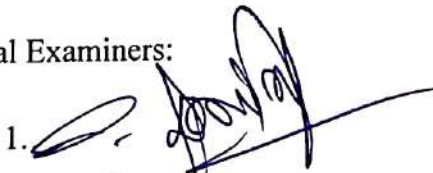

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
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St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal guide

Place: Cuddalore

Date: 28/09/2020

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**A STUDY ON SOCIETAL ACCEPTANCE AMONG SEWAGE SCAVENGERS  
IN MUNICIPALITY AT CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND  
SCIENCE (AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF  
THE REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIAL WORK**

**By  
MANI BHARATHI. B  
(A18MSW20)**

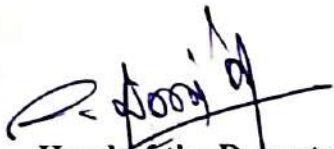
**Under The Guidance Of  
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APRIL - 2020**

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This is to certify that Dissertation on "A study on Societal Acceptance among Sewage Scavengers at Municipality in Cuddalore" is a bonafide record of work done by MANI BHARATHI. B (A18MSW20) of IIMSW under my guidance and supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in a partial fulfillment for the award of the degree in MASTER OF SOCIAL WORK.



Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal Guide

Place: Cuddalore .

Date: 28/09/2020

External Examiners:

1.



2.





# **EMPLOYEE SATISFACTION ON WELFARE MEASURES AT E.I.D PARRY IN NELLIKUPPAM**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIALWORK**

**By**

**Mary Georgena. S  
(A18MSW21)**

**Under the Guidance of**

**Mr. A. Mahimai kuzhandhai yesu  
Asst. Professor, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**

## CERTIFICATE

This is to certify that Dissertation on **Employee Satisfaction on welfare measures at E.I.D Parry in Nellikuppam**, is a bonafied record of work done by **S. MARY GEORGENA (A18MSW21)** of IInd MSW under my guidance and supervision and submitted to St. Joseph's college of arts and science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK**.



Head of the Department

**MR J. DURAI RAJ**

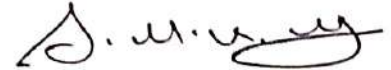
Assistant Professor & Head

Department of Social Work,

St. Joseph's College of Arts & Science

(Autonomous), Cuddalore - 607 001

Internal Guide



Place: *Cuddalore*

Date: *28/09/2020*

External Examiners:

1. 

2. *S. V. R.*

# **ANXIETY AMONG SCHOOL CHILDREN AT ALAZHIYANATHAM**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
MATHI MALAR M  
(A18MSW22)**

**Under the Guidance of  
MR. J. DURAI RAJ  
Head, Department of Social Work**



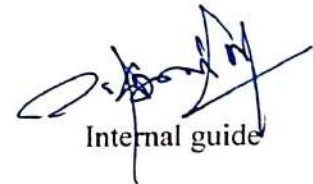
**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**

## CERTIFICATE

This is to certify that Dissertation on ANXIETY AMONG SCHOOL CHILDREN AT ALAZHIYANATHAM is a bonafide record or work done by MATHI MALAR M (A18MSW22) Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in MASTER OF SOCIAL WORK.

  
Head of the Department  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001.

  
Internal guide

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1. 
2. 



# **IMPACT OF SWACHH BHARAT ABHIYAN ON THE RESIDENTS OF PUDUPALAYAM WARD CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**

**Mohanapriya.R**

**(A18MSW23)**

**Under the Guidance of**

**Mr.J.Durai Raj**

**Head Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL— 2020**


## CERTIFICATE

This is to certify that Dissertation on **IMPACT OF SWACHH BHARAT ABHIYAN ON THE RESIDENTS OF PUDUPALAYAM WARD CUDDALORE** is a bonafide record or work done by **R.MOHANAPRIYA** (A18MSW23) of **II MSW** under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK**.



Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001



Internal guide

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1. 
2. 

**ECONOMIC PROBLEM FACED BY SLUM DEWELLERS IN  
PERIYAKANGANANKUPPAM VILLAGE, CUDDALORE**

**A THESIS SUBMITTED**

**TO**

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS),  
CUDDALORE**

**IN**

**PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF  
THE DEGREE IN MASTER OF SOCIAL WORK**

**By**

**MUTHUSAMY.R**

**(A18MSW24)**

**Under the Guidance of**

**MR. DURAI RAJ .J**

**Head Department of Social Work**

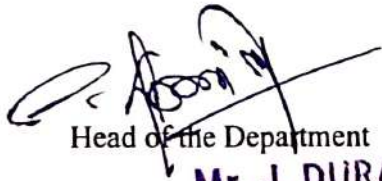


**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL - 2020**

## CERTIFICATE

This is to certify that Dissertation on "A Study on Economic Problem Faced by Slum Dwellers In Periyakanganankuppam Village, Cuddalore is a bonafide record or work done by R.MUTHUSAMY (A18MSW24) of II MSW under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in MASTER OF SOCIAL WORK.



Head of the Department

**Mr. J. DURAI RAJ**

Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001.





Internal guide

Place: Cuddalore.

Date: 28/09/2020

External Examiners:

1. 
2. 



**EMPLOYEE ABSENTEEISM AMONG EMPLOYEES AT  
PONVANDU INDUSTRY, SHREEPUSHPAM ,  
PONDICHERRY**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
PRATHAP A  
(A18MSW26)**

**Under the Guidance of  
MRS. M. PERKISHSALOMINA  
Assistant Professor, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**

## CERTIFICATE

This is to certify that Dissertation on **EMPLOYEE ABSENTEEISM AMONG EMPLOYEES AT PONVANDU INDUSTRY, SHREEPUSHPAM, PONDICHERRY** is a bonafide record or work done by **PRATHAP A (A18MSW26)** Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK**.

  
Head of the Department

  
Internal guide

**Mr. J. DURAI RAJ**

**Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001**

Place: *Cuddalore*

Date: *28/09/2020*

External Examiners:

1. 
2. 

**EMPLOYEE ABSENTEEISM AMONG EMPLOYEES AT PONVANDU  
INDUSTRY, SHREEPUSHPAM , PONDICHERRY**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
PREETHI C  
(A18MSW27)**

**Under the Guidance of  
MS. R. VISHALI  
Assistant Professor, Department of Social Work**

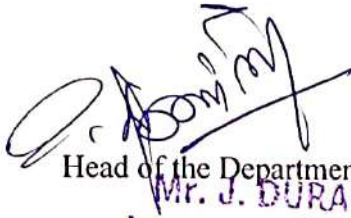


**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**

## CERTIFICATE

This is to certify that Dissertation "CHALLENGES FACED BY WORKING WOMEN AT LOYAL SUPER FABRICS KUDIKADHU, CUDDALORE ." is a bonafide record of work done by PREETHI.C (A18MSW27) of 2<sup>nd</sup> MSW under the guidance and supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree in MASTER OF SOCIAL WORK



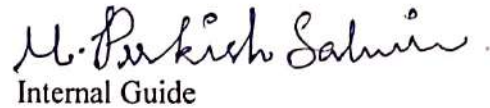
Head of the Department

Mr. J. DURAI RAJ

Assistant Professor & Head

Department of Social Work,

St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001



Internal Guide

Place: cuddalore

Date: 28/9/2020

External Examiners

1. 
2. 



**A STUDY ON PSYCHO-SOCIAL PROBLEMS FACED BY WIDOWS AT  
KOOTHAPAKKAM, CUDDALORE**

A thesis submitted to St. Joseph's college of Arts and Science (Autonomous), Cuddalore in  
partial fulfillment of the degree of MASTER OF SOCIAL WORK

By

PRINCY A.S

(A18MSW28)

Under the Guidance of

Ms.R.VISHALI

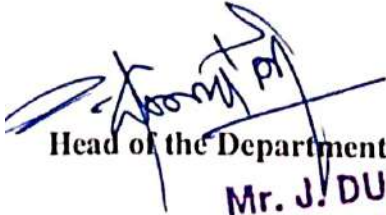
Asst. Professor, Department of Social Work



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001  
APRIL- 2020**

## CERTIFICATE

This is to certify that Dissertation on **Psycho-Social Problems faced by Widows at Koothapakkam, Cuddalore** is a bonafied record of work done by **Princy A.S (A18MSW28)** of II MSW under my guidance and supervision and submitted to St. Joseph's College of Arts & Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK**



Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

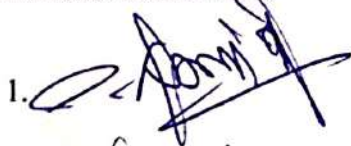


Internal Guide

Place: Cuddalore.

Date: 28/09/2021

External Examiners:

1. 

2. 

**STRESS AMONG AMBULANCE DRIVERS AT CUDDALORE GOVERNMENT  
HOSPITAL, CUDDALORE**

**THE THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF DEGREE IN  
MASTER OF SOCIAL WORK**

**By**

**A. PRIYADHARSHINI**

**(A18MSW29)**

**Under the Guidance of**

**MRS. S. PERKISH SALOMINA**

**Assistant professor, Department of Social Work**




**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL-2020**

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Head of the Department  
**M. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal Guide

Place: cuddalore

Date: 28/09/2020

External Examiners

1. 
2. 



# **MALNUTRITION AMONG CHILDREN OF IRULAR TRIBES IN PARENGIPETTAI BLOCK, CUDDALORE DISTRICT**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
RAJAPRIYA M  
(A18MSW30)**

**Under the Guidance of  
Mr. J. Durai Raj  
Head, Department of Social Work  
St. Joseph's college of Arts and Science (Autonomous)  
Cuddalore.**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

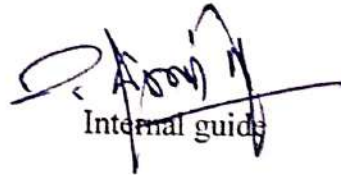
**APRIL – 2020**

## CERTIFICATE

is is to certify that Dissertation on "A Study on Malnutrition among Children of Irular  
ibes at Parangpettai Block, Cuddalore District" is a bonafide record or work done by  
JAPRIYA M (A18MSW30) of II MSW under my supervision and submitted to St. Joseph's  
llege of Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University.  
llore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK.**

  
ad of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

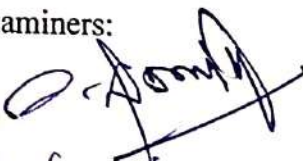
  
Internal guide

ce: Cuddalore

te: 22/09/2020

ernal Examiners:

1.



2.

S. V. 

**A STUDY ON PROBLEMS FACED BY CONTRACT LABOUR AT  
NIKITA CONTAINERS PVT. LTD. IN PUDUCHERRY**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIALWORK**

**By**

**P.RAMKUMR**

**(A18MSW31)**

**Under the Guidance of**

**Mr. J.Durai Raj**

**Head Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**

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Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

Internal guide

Place: *Cuddalore*

Date: *28/04/2020*

External Examiners:

1. *[Signature]*
2. *S. V. [Signature]*



# **EMPOWERMENT OF TRIBAL WOMEN – AT PARANGIPETTAI BLOCK**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**

**K.Ranjith**

**(A18MSW32)**

**Under the Guidance of**

**Mrs.S.Vanathi**

**Asst.Professor, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL– 2020**

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Head of the Department

**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal guide

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1. 
2. 

**A STUDY ON QUALITY OF SLEEP AMONG NIGHT SHIFT  
WORKERS AT VICTORY E-SERVICES PRIVATE LIMITED,  
VILLUPURAM**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
RENUKAMBAL C  
(A18MSW33)**

**Under the Guidance of  
MS. R. VISHALI  
Assistant Professor, Department of Social Work**




**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**



## CERTIFICATE

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Head of the Department  
**Mr. J. DURAI**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal guide

Place: *Cuddalore*  
Date: *28/09/2020*

External Examiners:  
1.   
2. 



# **PSYCHOLOGICAL EFFECTS FACED BY CHILDREN DUE TO ALCOHOLIC PARENTS**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN  
MASTER OF SOCIAL WORK**

**BY  
ROSELINE. D  
(A18MSW34)**

**Under the Guidance of  
MS.Vishali  
Assistant Professor, PG Department of Social Work**




**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**MARCH -2020**

## CERTIFICATE

This is to certify that Dissertation “**PSYCHOLOGICAL EFFECTS FACED BY CHILDREN DUE TO ALCOHOLIC PARENTS**” is a bonafide record of work done by **D. ROSELINE (A18MSW34)** of II<sup>nd</sup> MSW under my guidance and supervision and submitted to St. Joseph’s College of Arts and Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore, in partial fulfilment for the award of the degree in **MASTER OF SOCIAL WORK**

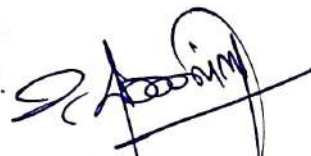

  
Head of the Department  
**Mr. J. DURAI RAJ**  
Assistant Professor & Head  
Department of Social Work,  
St. Joseph's College of Arts & Science  
(Autonomous), Cuddalore - 607 001

  
Internal Guide

Place: Cuddalore

Date: 28/09/2020

External Examiners:

1. 
2. 

**A Study on Employee Relations and its Effect on  
Employee Productivity at GINGER LEMON (GRK  
Estate PVT.LTD) at Cuddalore district**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By**

**Sivanandhan.S**

**(A18MSW35)**

**Under the Guidance of**

**Mrs.S.Vanathi**

**Asst. Professor, Department of Social Work**

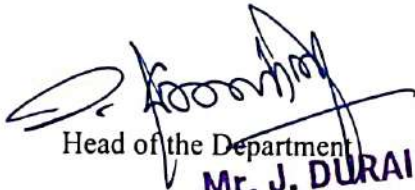


**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

**APRIL- 2020**


**CERTIFICATE**

This is to certify that Dissertation on "A Study on Employee Relations and its Effect on Employee Productivity at GINGER LEMON (GRK Estate PVT.LTD) at Cuddalore district" is a bonafide record or work done by **SIVANANDHAN S (A18MSW35)** of **II MSW** under my supervision and submitted to St. Joseph's College of Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK.**



Head of the Department

**Mr. J. DURAI RAJ**  
**Assistant Professor & Head**  
**Department of Social Work,**  
**St. Joseph's College of Arts & Science**  
**(Autonomous), Cuddalore - 607 001**



Internal guide

Place: **Cuddalore.**

Date: **28/09 / 2020**

External Examiners:

1. 

2. 



**SOCIO ECONOMIC STATUS OF WOMEN SPORTS  
ACHIEVERS IN ST JOSEPH'S COLLEGE OF ARTS AND  
SCIENCE (AUTONOMOUS) CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
SIVASANKARI. A  
(A18MSW36)**

**Under the Guidance of  
MR. J. DURAI RAJ  
Head, Department of Social Work**



**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
CUDDALORE-607001**

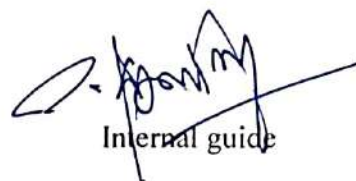
**APRIL- 2020**

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This is to certify that Dissertation on **SOCIO ECONOMIC STATUS OF WOMEN SPORTS ACHIEVERS IN ST JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE** is a bonafide record or work done by **SIVASANKARI. A (A18MSW36)** Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK.**

  
Head of the Department

**Mr. J. DURAI RAJ**  
**Assistant Professor & Head**  
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Internal guide

Place: *Cuddalore*

Date: *28/09/2020*

External Examiners:

1. 
2. 

# **JOB SATISFACTION AMONG CATERING WORKERS AT K.R CATERING SERVICES**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
WORK**

**By  
SRIRAM K  
(A18MSW37)**

**Under the Guidance of  
MS. R. VISHALI  
Assistant Professor, Department of Social Work**




**POST GRADUATE DEPARTMENT OF SOCIAL WORK  
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**APRIL- 2020**

## CERTIFICATE


This is to certify that Dissertation on **JOB SATISFACTION AMONG CATERING WORKERS AT K.R CATERING SERVICES** is a bonafide record or work done by **SRIRAM K (A18MSW37)** Arts and Science (Autonomous), Cuddalore affiliated to Thiruvalluvar University, Vellore in a partial fulfillment for the award of the degree in **MASTER OF SOCIAL WORK.**



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**ECOMIC STATUS OF FEMALE WORKERS IN BRICK INDUSTIY AT  
PATHIRIKUPPAM CUDDALORE**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
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# **AGRICULTURAL PROBLEMS FACED BY FARMERS AT THIRUVATHIGAI PANCHAYAT, PANRUTI**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
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# **LEARNING DISABILITIES AMONG GOVERNMENT HIGHER SEOCNDARY SCHOOL, RAMAPURAM**

**A THESIS SUBMITTED TO ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE  
(AUTONOMOUS), CUDDALORE IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE IN MASTER OF SOCIAL  
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