



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


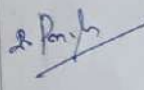
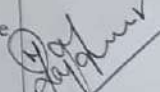



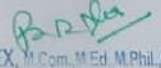
St. Joseph's College of Arts & Science [Autonomous]
Cuddalore-1
Department of Business Administration (CA)

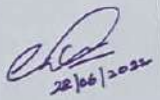

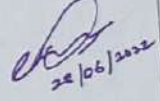


Batch: 2019 – 2022

(Shift I)

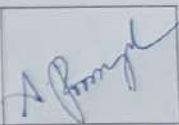
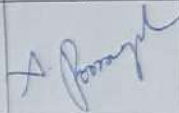
Academic Year: 2021 – 2022

Project Team	Reg.No	Name of the Student	Project Guide	Project Title	Guide signature
1	A19ACD53	VIVEK P	Mr. R. Punniyaseelan	A Study on Brand Development Strategies in MRF Tires Pondicherry	
	A19ACD18	JOSHUA AMAL I			
	A19ACD29	MUBARAK ALI M			
	A19ACD37	RESHAB KATARIA			
	A19ACD55	WILLBIN RAJ F			
2	A19ACD32	NAVEENKUMAR B	Mr. R. Punniyaseelan	A Study on Quality of Worklife of Employees at E.I.D Parry (India) Limited Nellikuppam, Cuddalore	
	A19ACD15	IRSHATH AHAMED M			
	A19ACD26	MOHAMED JEKIRIYA S			
	A19ACD27	MOHAMMED YUNOOS K			
	A19ACD28	MOHAMMED RAFIQ M I			
3	A19ACD24	MANSOOR ALI L	Dr. R. Rajkumar	Internet Users Perception Towards Online Shopping	
	A19ACD20	KISHOREKUMAR B			
	A19ACD38	RIJAS AHAMED A			
	A19ACD42	SANJAI K			
	A19ACD49	SURYA VARMAN T			
4	A19ACD40	ROSHAN AKTHAR R	Dr. R. Rajkumar	A Study on Work Life Balance of Auto Drivers in Pondicherry City	
	A19ACD03	ANNAMALAI V			
	A19ACD09	DHINESH S			
	A19ACD10	DHINESH KUMAR A			
	A19ACD41	SAKTHIDASAN K			


Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,
Dean of Studies & Head of BBM and BBA (CA)
Placement, Entrepreneurship & Hostel Director
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 605 001

5	A19ACD39	ROKESH K	Mr. M. Om Prakash	A Study on Stress Management in RK ECO Care Private Limited, Abishegappakkam.	 28/06/2022
	A19ACD02	ABINASH J			
	A19ACD08	DEVANATHAN P			
	A19ACD34	RAM PRASATH E			
	A19ACD51	DEERAN RAJ S			
6	A19ACD25	MOHAMED FASIK A	Mr. M. Om Prakash	A Study on Labour Welfare Measures in Tagros Chemicals India Limited Cuddalore	 28/06/2022
	A19ACD07	DEEPAK V			
	A19ACD16	JANAKIRAMAN B			
	A19ACD23	LEONIC JASON X			
	A19ACD36	RAVI KUMAR K			
7	A19ACD57	YUVA PRASATH M	Mr. M. Om Prakash	A Study on Employee Motivation at Solara Active Pharma Sciences Limited Cuddalore	 28/06/2022
	A19ACD05	BYJU WILFRED			
	A19ACD11	FRANCIS XAVIER L. S			
	A19ACD13	GOWTHAM B			
	A19ACD33	NIGHALHARRISON A			
8	A19ACD04	BALAMURUGAN P	Dr. M. Monika	A Study on Effectiveness of Welfare Measures at Bharath Ready Mix Concrete (BRMC)	 28/06/22
	A19ACD19	KISHORE K			
	A19ACD22	KRISHNARAJ S V			
	A19ACD30	MURUGAN N			
	A19ACD52	VINOTH KUMAR A			
9	A19ACD17	JENUSH FANTEEN S	Dr. M. Monika	A Study on Marketing Performance of Khadi Cuddalore	 28/06/22
	A19ACD21	KRISHNARAJ J			
	A19ACD35	RAMKUMAR B			
	A19ACD54	VIVIAN PAUL B			

Rev. Dr. A. ALEX, M.Com., M.Ed., M.Phil., NET, SET, Ph.D.,
Dean of Studies & Head of BBM and BBA (CA)
Placement, Career Guidance & Hostel Director
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

10	A19ACD06	DATCHINA MOORTHY M	Mrs. A. Poomagal	A Study on Employee Welfare Measures of SNAM Alloy Pvt Ltd at Puducherry	
	A19ACD14	HARIHARAN J			
	A19ACD43	SANJAYKUMAR P			
	A19ACD50	THAMIZHSELVAN D			
11	A19ACD45	SRINIVASAPERUMAL V	Mrs. A. Poomagal	A Study on Customer Satisfaction in Idea (VI) Service	
	A19ACD51	NAVEEN J			
	A19ACD56	YUGENDIRAN K			
	A19ACD58	BALAJI S			


Rev. Fr. Dr. A. Alex

HOD – Business Administration (CA)

Rev. Dr. A. ALEX, M.Com, M.Ed, M.Phil, NET, SET, Ph.D.,
Dean of Studies & Head of BBM and BBA (CA)
Placement, Entrepreneurship & Hostel Director
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 605 001.

St. Joseph's College of Arts & Science [Autonomous]

Cuddalore-1

Department of Business Administration (CA)

Batch: 2019 – 2022


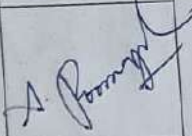


(Shift II)

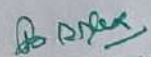
Academic Year: 2021 – 2022

Project Team	Reg.No	Name of the Student	Project Guide	Project Title	Guide Signature
1	A19ACE25	K. PRIYADHARSHINI	Dr. R. Krishnaveni	A Study on Work Life Balance of Working Employees at Suzuki Cuddalore	<i>R. Krishnaveni</i> 28/06/22
	A19ACE05	N. DEEPIKA			
	A19ACE07	M.GUNASELVI			
	A19ACE20	S. NIKITHA			
	A19ACE42	U. YUVAATHARNI			
2	A19ACE28	B. SIVARANJINI	Dr. R. Krishnaveni	A Study on Employee's Satisfaction on Training and Development in TANFAC Industry's in Cuddalore	<i>R. Krishnaveni</i> 28/06/22
	A19ACE01	A. AARTHI			
	A19ACE27	V. SAKTHI PRIYA			
	A19ACE30	N. SOWMIYA			
3	A19ACE19	R. NITHI	Dr. G. Bhuvaneshwari	A Study on Website Cues and Online Purchase Behaviour	<i>G. Bhuvaneshwari</i> 28/6/22
	A19ACE10	M. KEERTHANA			
	A19ACE17	E. NANTHINI			
	A19ACE22	G. OSWIN LENA MARY			
	A19ACE34	K. VINISHA			
4	A19ACE06	S. GAYATHRI	Dr. G. Bhuvaneshwari	A Study on the Marketing Strategies and Brand Loyalty of 1+	<i>G. Bhuvaneshwari</i> 28/6/22
	A19ACE02	R. ABIRAMI			
	A19ACE03	B. ALPHONSA			
	A19ACE16	M. MOUNIKA			
	A19ACE38	T. YOGESWARI			

Dr. Alex

Rev. Dr. A. ALEX, M.Com, M.Ed, M.Phil, NET, SET, Ph.D.,
Dean of Studies & Head of BBM and BBA (CA)
Placement, Entrepreneurship & Hostel Director
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

5	A19ACE39	A. YOKESHWARI	Dr. M. Monika	A Study on Impact of Employees Work Satisfaction in Covid Era at Loyal Super Fabric Pvt Ltd – Cuddalore	
	A19ACE09	P. JULIE JENIFFER			
	A19ACE23	M. PRABAVATHI			
	A19ACE31	T. SWETHA			
	A19ACE33	M. SWETHA			
6	A19ACE32	S. SWATHI	Mrs. A. Poomagal	A Study on Impact of Sales Promotion Techniques Applied in Pondy Agricultural Machinery at Cuddalore	
	A19ACE04	G. ANCY			
	A19ACE13	N. MADU BALA			
	A19ACE21	C. NIRANJINI			
	A19ACE37	R. YOGA LAKSHMI			
7	A19ACE11	R. KUNDAVAI DEVI	Mrs. S. Sherintaj	A Study on Performance Evaluation Exide Life Insurance Company	
	A19ACE12	R. LALITHA			
	A19ACE14	D. MENCY SHEL CIA			
	A19ACE26	M. RUFAITHA			
	A19ACE35	V. VINISHA			
8	A19ACE40	V. SUVETHA	Mrs. S. Sherintaj	A Study on Organizational Culture and Its Impact on Employee's Performance in Darling Digital World Cuddalore	
	A19ACE08	J. JAYAPRIYA			
	A19ACE18	N. NARAMADHA			
	A19ACE29	K. SNEKA			
	A19ACE41	R. RAVEENA			


Rev. Fr. Dr. A. Alex

HOD Business Administration (CA)
Rev. Fr. Dr. A. Alex, M.Ed., M.Phil., NET, SET, Ph.D.,
Dean of Studies & Head of BBM and BBA (CA)
Placement, Entrepreneurship & Hostel Director
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

**A SURVEY ANALYSIS PROCESS TO ASSESS THE AWARENESS
POTENTIAL OF PRIMARY HYPERTENSIVE PEOPLE IN
CUDDALORE DISTRICT TAMILNADU**

A dissertation 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 BIOCHEMISTRY**

Submitted By

S. ANUSHYA A19BCE06

A. DEEPIKA A19BCE08

N. GEETHA A19BCE09

S. ISHWARYA A19BCE12

Under the Guidance of

Dr. S. SILVAN , M.Sc., M.Phil.,Ph.D,



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
St. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)
(Affiliated to Thiruvalluvar University, Vellore)**

CUDDALORE

JUNE- 2022



CERTIFICATE

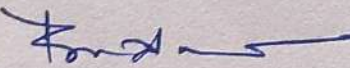
This is to certify that the project entitled on **"A SURVEY ANALYSIS PROCESS TO ASSESS THE AWARENESS POTENTIAL OF PRIMARY HYPERTENSIVE PEOPLE IN VILLUPURAM DISTRICT TAMILNADU"** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore.

By

P.HARITHA

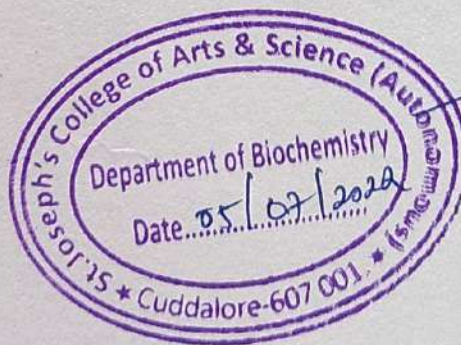
A19BCE10

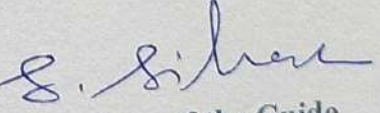
is a bonafide record of work carried out by them under my guidance & supervision and submitted to in partial fulfillment for the award of the Degree of Bachelor of Science in Biochemistry.


Head of the Department

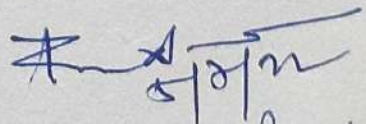
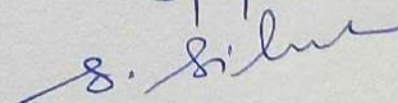
Place: CUDDALORE

Date: 05.07.2022




Signature of the Guide

Examiners:

1. 
2. 



CERTIFICATE

This is to certify that the project entitled on "PHYTOCHEMICAL SCREENING OF MEDICINAL PLANTS RAUWOLFIA SERPENTINA, PIPER LONGUM, EUPHORBIA HIRTA, CISSUS QUADRANGULARIS, ANNONA MURICATA" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

L. HEMA A19BCE11

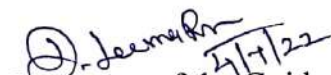
R. KAMALI A19BCE13

N. KAVIYA A19BCE14

P. MAGESHWARI A19BCE15

K. NIVETHA A19BCE16

is a bonafide record of work carried out by them under my guidance and supervision.


Signature of the Guide


Head of the Department

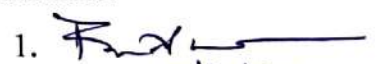
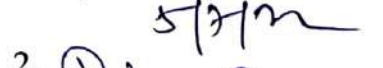
Submitted for viva voce examination on 5.7.2022

Place: Cuddalore-1.

Date: 5.7.2022



Examiners:

- 
5/7/22
- 
5/7/22

**ASSESSMENT OF SOIL PROPERTIES OF DIFFERENT TYPES OF SOIL FROM
CUDDALORE DISTRICT.**

A dissertation 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 BIOCHEMISTRY

Submitted By

M.PRATHIUSHA	A19BCE17
G.PRITHIKA	A19BCE18
N.PRIYADHARSHINI	A19BCE19
S.PRIYADHARSHINI	A19BCE20
R. RABISHA	A19BCE22

Under the Guidance of

Ms. R. ANITHA, M.Sc., M. Phil., B.ED.,
PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re- accredited by NAAC with "A" Grade)
CUDDALORE - 1
JUNE -2022



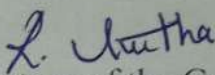
CERTIFICATE

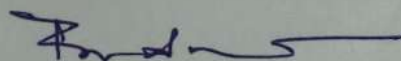
This is to certify that the project entitled on "**ASSESSMENT OF SOIL PROPERTIES OF DIFFERENT TYPES OF SOIL FROM CUDDALORE DISTRICT**" being to submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

M.PRATHIUSHA	A19BCE17
G.PRITHIKA	A19BCE18
N.PRIYADHARSHINI	A19BCE19
S.PRIYADHARSHINI	A19BCE20
R. RABISHA	A19BCE22

is a bonafide record of work carried out by them under my guidance and supervision.


Signature of the Guide

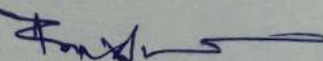
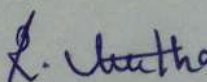

Head of the Department

Submitted for viva voce examination on 5/8/22

Place: Cuddalore-1.

Date:

Examiners:

1. 
2. 



ACKNOWLEDGEMENT

If the words are considered as symbol of approval and tokens of acknowledgement, then word play heralding role of expressing my gratitude to all those who helped me directly or indirectly during this project work.

I humbly express my gratitude to our **Rev. Fr. G. PETER RAJENDIRAM, Secretary,** St. Joseph's College of Arts and Science (Autonomous), Cuddalore, for his great inspiration, especially for giving me the golden opportunity to complete my course.

I humbly express my profound gratitude to our Principal **Dr. M. ARUMAI SELVAM,** for his motivation and encouragement to complete my course in St. Joseph's College of Arts and Science (Autonomous), Cuddalore.

I would like to express my sincere gratitude to **Rev. Fr. Dr. S. Xavier, M.Sc., M.Phil., B.Ed.,** Controller of examination in St. Joseph's College of Arts and Science (Autonomous), Cuddalore, for giving me an opportunity to undertake this work as a part of my curriculum.

I deem it a proud privilege and pleasure in expressing my sincere gratitude and indebtedness to our Head of the Department, **Prof. Dr. P. MARIE AROCKIANATHAN, M.Sc., M.Phil., Ph.D., PGDHRM,** St. Joseph's College of Arts and Science (Autonomous), Cuddalore.

It gives me immense pleasure to place on record my sense of gratitude to **Prof. Ms. R. ANITHA, M.sc., M.Phil, B.Ed.,** an internal guide, for her guidance, advice and support for the successful completion of this project.

I express my whole hearted thanks to all the staff members, Department of Biochemistry, St. Joseph's college of Arts and Science (Autonomous) for their constant support and motivation.

**A SURVEY ON THE PREVALENCE OF DIABETES
MELLITUS IN AND AROUND CUDDALORE AREA**

A dissertation 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 BIOCHEMISTRY

SUBMITTED BY

R. RAMYA (A19BCE24)

I.RESHMA (A19BCE25)

K.RITHIKSHA (A19BCE26)

S.ROJA BANU (A19BCE27)

S RUBASHREE (A19BCE28)

Under the guidance Of

**Dr. S. CELINE HILDA Mary, M.Sc., M.Phil., Ph.D., DMLT., NET, Assistant
Professor, PG and Research Department of Biochemistry**



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY.

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

(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act,

1956)(Affiliated to Thiruvalluvar University, Vellore)

CUDDALORE – 607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled “A SURVEY ON THE PREVELANCE OF DIABETES MELLITUS IN AND AROUND CUDALORE AREA” being submitted to the PG& Research Department of Biochemistry, St. Joseph’s College of Arts & Science (Autonomous), Affiliated to Thiruvalluvar University, Vellore.

By

R.RAMYA	(A19BCE24)
I.RESHMA	(A19BCE25)
K.RITHIKSHA	(A19BCE26)
S.ROJABANU	(A19BCE27)
S.RUBASHREE	(A19BCE28)

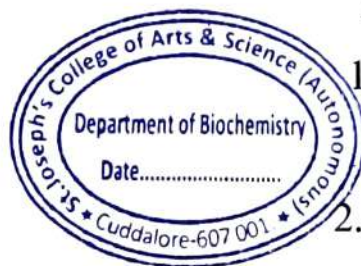
is a bonafide record of work carried out by them under my guidance & supervision and submitted to in partial fulfillment for the award of the Degree of Bachelor of Science in Biochemistry.


SIGNATURE OF THE GUIDE




HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 05.07.2022

PLACE: CUDALORE
DATE: 05.07.2022



Examiner:

1. 
5/7/22
2. 
5/7/22

CERTIFICATE

This is to certify that the Mini Project entitled

A SURVEY ON THE PREVALANCE OF HYPERTENSION IN AND AROUND CUDDALORE AREA

being submitted to the St. Joseph's College of Arts & Science (Autonomous),
Affiliated to Thiruvalluvar University, Vellore.

by

A.RUKMANI [A19BCE29]

B.SHABINA BANU [A19BCE31]

P.SHARMILA [A19BCE32]

A.SHERIN RAICHAL [A19BCE33]

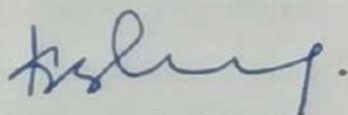
V.SIVARANJINI [A19BCE34]

for the partial fulfillment for the award of degree of

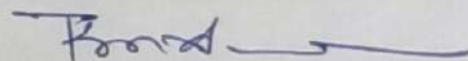
BACHELOR OF BIOCHEMISTRY

is a bonafide record of work carried out by them,

under my guidance and supervision.



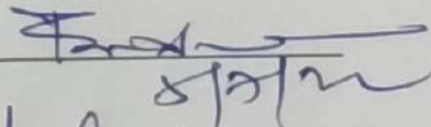
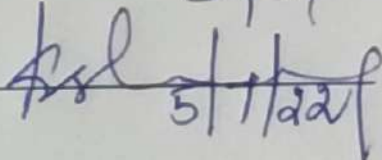
INTERNAL GUIDE

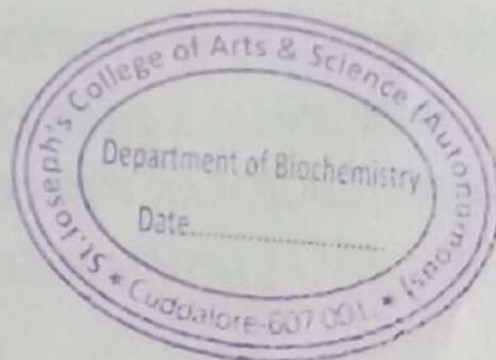


HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 05.07.2022

Examiners:

1. 
2. 



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

(Re- accredited by NACC with "A" Grade)

CUDDALORE - 1

JUNE - 2022.



CERTIFICATE

This is to certify that the project entitled on "Determination of the Adulterants in foods" being submitted to submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore. By D.SNEKA (A19BCE35), V.SUBALAKSHMI (A19BCE36), R.SUJITHA (A19BCE37), L.SUSHMITHA (A19BCE38) and M.YUVASRI (A19BCE44) is a bonafied record of work carried out by them under my guidance and supervision.

Signature of the Guide
4/5/22

Head of the Department

Submitted for viva voce examination on

Date 5/7/22

Place: Cuddalore-1

Date

Examiners:

1. 5/7/22
2. 5/7/22



CERTIFICATE

This is to certify that the project entitled on **"ANTHROPOMETRIC MEASUREMENTS OF INFANTS IN ANGANWADI'S OF CUDDALORE DISTRICT"** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore.

Submitted By

P. SWETHA - A19BCE40

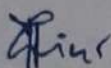
S. SWETHA - A19BCE41

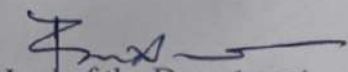
S. SWETHA - A19BCE42

C. TAFFINE JOVITJA - A19BCE43

V. DARVI JOSELINE - A19BCE47

is a bonafied record of work carried out by them under my guidance and supervision.


Signature of the Guide


Head of the Department

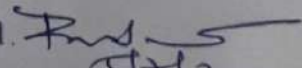
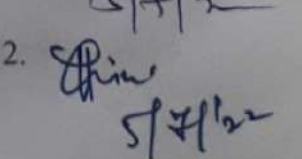
Submitted for viva voce examination on 05.07.2022

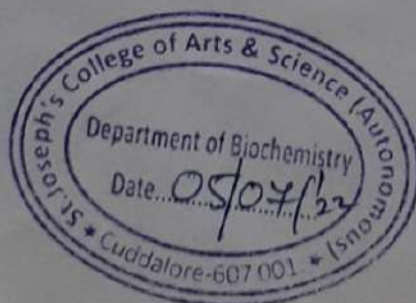
Dr. P. MARIE AROCKIANATHAN
Head & Associate Professor
PG & Research Dept. of Biochemistry
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

Place: Cuddalore-1.

Date: 05.07.2022

Examiners:

1. 
2. 



**COMPARATIVE STUDY OF PHYSICO-CHEMICAL
PARAMETERS VARIATION OF WATER SOURCES IN
CUDDALORE COASTAL REGION**

**A dissertation 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 BIOCHEMISTRY**

Submitted by

D.NITHYA SELVI	A19BCE45
S.KAMALI	A19BCE46
P.SNEHA	A19BCE48
A.SOFIYA	A19BCE49
R.ILANGODI	A19BCE51

**Under the Guidance of
Mr. A.LAWRANCE M.Sc., M. Phil., Ph.D
PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re- accredited by NAAC with "A" Grade)
CUDDALORE – I
JUNE - 2022**

CERTIFICATE

This is to certify that the project entitled "**COMPARATIVE STUDY OF PHYSICO-CHEMICAL PARAMETERS VARIATION OF WATER SOURCES IN CUDDALORE COASTAL REGION**" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

D.NITHYA SELVI

A19BCE45

S.KAMALI

A19BCE46

P.SNEHA

A19BCE48

A.SOFIYA

A19BCE49

R.ILANGODI

A19BCE51

is a bonafied record of work carried out by them under my guidance and supervision.


Signature of the Guide




Head of the Department

Submitted for viva voce examination on 05.07.2022

Place: Cuddalore-I.

Date: 05.07.2022

Examiners:

1. 
5/7/22
2. 
5/7/22

**A SURVEY STUDY OF CULTIVATED GRAINS IN CUDDALORE
DISTRICT TAMILNADU**

**A dissertation 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 BIOCHEMISTRY**

Submitted by

D. SINDHUJA (A19BCE50)

I. NANCY SWETHA (A19BCE52)

K. GOWSALYA (A19BCE53)

J. JAYA PRIYA (A19BCE54)

Under the Guidance of

**Mr. J. JOHN ROBERT, M.Sc., M.Phil, DMLT.,
Assistant Professor**



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

(Affiliated to Thiruvalluvar University, Vellore)

(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)

CUDDALORE

JUNE- 2022



CERTIFICATE

This is to certify that the project entitled **"A SURVEY STUDY OF CULTIVATED GRAINS IN CUDDALORE DISTRICT TAMILNADU "** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

D. SINDHUJA (A19BCE50)

I. NANCY SWETHA (A19BCE52)

K. GOWSALYA (A19BCE53)

J. JAYAPRIYA (A19BCE54)

is a bonafide record of work carried out by them under my guidance and supervision.

Signature of the Guide

Head of the Department

Submitted for viva vice examination on 05-07-2022

Place: Cuddalore-1.

Date: 05-07-2022

Examiners:

1.

2.

ACKNOWLEDGEMENT

If the words are considered as symbol of approval and tokens of acknowledgement, then word play heralding role of expressing my gratitude to all those who helped me directly or indirectly during this project work.

I take pleasure to express my gratitude to our respected secretary, **Rev. Fr. PETER RAJENDRIRAM, M.A., M.Sc., M.Ed., M.Phil.,** St. Joseph's College Of Arts and Science (Autonomous), Cuddalore, for giving me the opportunity to submit my project.

I humbly express my profound sense of gratitude to our Principal **Dr. M. ARUMAI SELVAM, M.Sc., M.Phil., Ph.D.,** for his great inspiration, especially for giving me the golden opportunity to complete my course in St. Joseph's College of Arts and Science (Autonomous), Cuddalore.

I Would like to express my sincere gratitude to **Rev. Fr. Dr. S.XAVIER, M.Sc., M.Phil., B.Ed., Ph.D.,** the controller of examination, St. Joseph's College of Arts and Science(Autonomous), Cuddalore, for giving me an opportunity to undertaken this work as a part of my curriculum.

I express my sincere and heartfelt thanks to my respected Guide **Mr. J. JOHN ROBERT, M.Sc., M.Phil, DMLT.,** Asst. Professor, PG & Research Department of Biochemistry, St. Joseph's College Of Arts And Science (Autonomous), Cuddalore , for the guidance, advice and support for the successful completion of this project.

I deem it a proud privilege and pleasure in expressing my sincere gratitude and indebtedness to our Head of the Department, **Dr. P. MARIE AROCKIANATHAN, M.Sc., M. Phil., Ph.D., PGDHRM,** St. Joseph's College Of Arts and Science (Autonomous), Cuddalore.

I express my whole hearted thanks to all the staff members and colloques, Department of Biochemistry, St. Joseph's College of Arts and Science (Autonomous) for their constant support and motivation.

**EVALUATION OF NUTRITIONAL AND PROXIMATE ANALYSIS OF DIFFERENT
SAMPLES OF PALM SUGAR COLLECTED FROM CUDDALORE
DISTRICT, TAMILNADU**

**A dissertation 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 BIOCHEMISTRY**

Submitted By

**S.AARTHI A19BCE01
G.ABINAYA A19BCE03
S.ABIRAMI A19BCE04
N.ANITHA A19BCE05
M.BHUVANA A19BCE07**

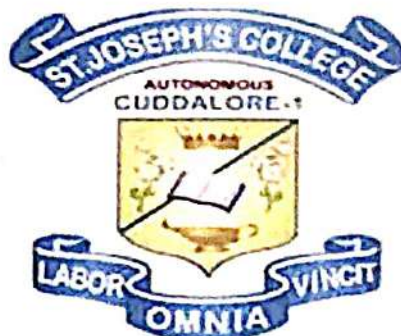
**Under the Guidance of
Mrs. S.SEETHALAKSHMI M.Sc., M. Phil.,
PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re- accredited by NACC with "A" Grade)**

CUDDALORE – 1

JUNE -2022



CERTIFICATE

This is to certify that the project entitled on "EVALUATION OF NUTRITIONAL AND PROXIMATE ANALYSIS OF DIFFERENT SAMPLE OF PALM SUAGR COLLECTED FROM CUDDALORE DISTRICT," being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

S.AARTHI	A19BCE01
G.ABINAYA	A19BCE03
S.ABIRAMI	A19BCE04
N.ANITHA	A19BCE05
M.BHUVANA	A19BCE07

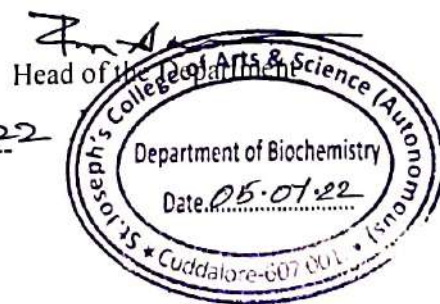
is a bonafied record of work carried out by them under my guidance and supervision.


Signature of the Guide

Submitted for viva voce examination on 05.07.2022


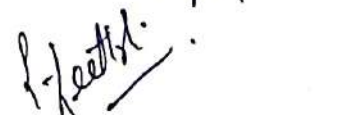
Place: Cuddalore-I.

Date: 05.07.2022



Examiners:

- 1.
- 2.

CERTIFICATE

This is to certify that the Mini Project entitled

A SURVEY ON THE PREVALENCE OF DIABETES MELLITUS IN AND AROUND CUDALORE AREA

being submitted to the St. Joseph's College of Arts & Science (Autonomous),

Affiliated to Thiruvalluvar University, Vellore.

by

R. ABINESH (A19BCD01)

S. ANANTH (A19BCD02)

G. ANBUMANI (A19BCD03)

V. ARUNKUMAR (A19BCD04)

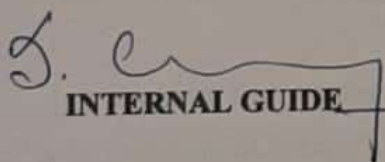
M. AVINASH (A19BCD05)

for the partial fulfillment for the award of degree of

BACHELOR OF BIOCHEMISTRY

is a bonafide record of work carried out by them,

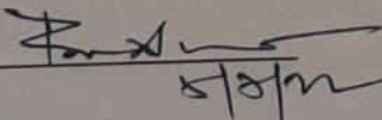
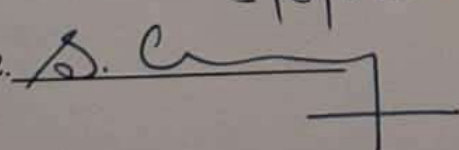
under my guidance and supervision.

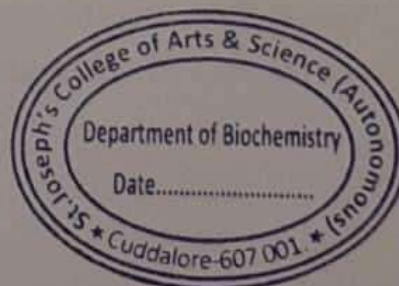

INTERNAL GUIDE


HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 5/7/22

Examiners:

1. 
5/7/22
2. 





CERTIFICATE

This is to certify that the project entitled on "PHYTOCHEMICAL SCREENING OF MEDICINAL PLANTS ABUTILON INDICUM, CATHARANTHUS ROSEUS, PHYLLANTHUS ACIDUS SKEELS AND FICUS RACEMOSA" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1, affiliated to Thiruvalluvar University, Vellore.

By

R.BASKARAN A19BCD06

C.BHARATH VIMAL RAJ A19BCD07

S. DINESH RAJ A19BCD11

K.GNANAPRAKASHIGAN A19BCD12

is a bonafied record of work carried out by them under my guidance and supervision.


Signature of the Guide


Head of the Department

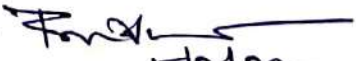
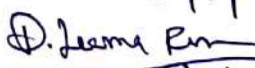
Submitted for viva voce examination on 5.7.2022

Place: Cuddalore-1.

Date: 5.7.2022



Examiners:

- 
5/7/2022
- 
5/7/2022

**COMPARATIVE STUDY OF PHYSICO-CHEMICAL
PARAMETERS VARIATION OF WATER SOURCES IN
CUDDALORE COASTAL REGION**

**A dissertation 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 BIOCHEMISTRY**

Submitted by

T.DAVASEELAN	A19BCD09
A.GOKULAKRISHNAN	A19BCD13
R.GOWTHAM	A19BCD14
S.GOWTHAM	A19BCD15
V.GOWTHAM	A19BCD16

**Under the Guidance of
Mr. A.LAWRANCE M.Sc., M. Phil., Ph.D
PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re- accredited by NAAC with "A" Grade)
CUDDALORE – 1
JUNE - 2022**

CERTIFICATE

This is to certify that the project entitled "**COMPARATIVE STUDY OF PHYSICO-CHEMICAL PARAMETERS VARIATION OF WATER SOURCES IN CUDDALORE COASTAL REGION**" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

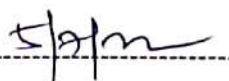
T.DAVASEELAN	A19BCD09
A.GOKULAKRISHNAN	A19BCD13
R.GOWTHAM	A19BCD14
S.GOWTHAM	A19BCD15
V.GOWTHAM	A19BCD16

is a bonafied record of work carried out by them under my guidance and supervision.


Signature of the Guide


Head of the Department

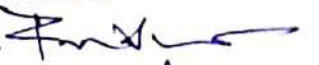
Submitted for viva voce examination on



5/7/22

Place: Cuddalore-1.

Date: 05/07/2022

Examiners:

1. 
5/7/22

2. 
5/7/22

**A SURVEY STUDY OF CULTIVATED GRAINS IN CUDDALORE DISTRICT
TAMILNADU**

**A dissertation 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 BIOCHEMISTRY**

Submitted by

S. HARIKRISHNAN (A19BCD17)

S. HARIKRISHNAN (A19BCD18)

J. JAYASURYA (A19BCD20)

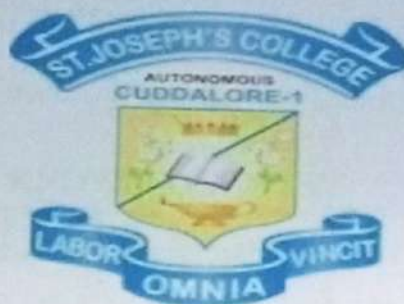
S. JOYAL (A19BCD21)

K. KARTHIKEYAN (A19BCD23)

**Under the Guidance of
Mr. J. JOHN ROBERT, M.Sc., M.Phil, DMLT.,
Assistant professor**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Affiliated to Thiruvalluvar University, Vellore)
(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)
CUDDALORE
JUNE -2022**



CERTIFICATE

This is to certify that the project entitled "**A SURVEY STUDY OF CULTIVATED GRAINS IN CUDDALORE DISTRICT TAMILNADU**" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

S. HARIKRISHNAN (A19BCD17)

S. HARIKRISHNAN (A19BCD18)

J. JAYASURYA (A19BCD20)

S. JOYAL (A19BCD21)

K. KARTHIKEYAN (A19BCD23)

is a bonafide record of work carried out by them under my guidance and supervision.

Signature of the Guide

Head of the Department

Submitted for viva vice examination on 5/7/22

Place: Cuddalore-1.

Date:

Examiners:

1.

2.

CERTIFICATE

This is to certify that the Mini Project entitled

A SURVEY ON THE PREVALENCE OF HYPERTENSION IN & AROUND CUDDALORE DISTRICT

A mini project Report

being submitted to the St. Joseph's College of Arts & Science (Autonomous),
Affiliated to Thiruvalluvar University, Vellore.

By

D.KARTHIKEYAN(A19BCD22)

A.KARUNA(A19BCD24)

K.MANOJKUMAR(A19BCD25)

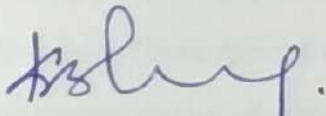
E.PARTHIPAN(A19BCD27)

R.RAJA(A19BCD29)

for the partial fulfillment for the award of degree of

BACHELOR OF BIOCHEMISTRY

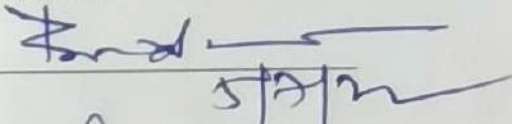
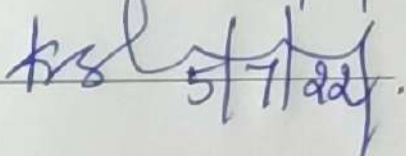
is a bonafide record of work carried out by them,
under my guidance and supervision.


INTERNAL GUIDE


HEAD OF THE DEPARTMENT

Submitted for the viva-voce examination held on 05-07-2022

Examiners:

1. 
2. 



**INVESTIGATION OF NUTRITIONAL AND FUNCTIONAL PROPERTIES
OF DIFFERENT SAMPLES OF PALM SUGAR COLLECTED FROM
CUDDALORE DISTRICT, TAMILNADU**

A dissertation 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 BIOCHEMISTRY

Submitted By

F.MOHAMED ISHAM A19BCD26

R.RAJESWARAR A19BCD30

P.RATHINAVEL A19BCD32

E.SANJEEVI A19BCD33

S.SANTHOSH A19BCD35

Under the Guidance of

Mrs. S.SEETHALAKSHMI M.Sc., M. Phil.,

PG & Research Department of Biochemistry



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

(Re- accredited by NACC with "A" Grade)

CUDDALORE -1 (JUNE - 2022)



CERTIFICATE

This is to certify that the project entitled on **“INVESTIGATION OF NUTRITIONAL AND FUNCTIONAL PROPERTIES OF DIFFERENT SAMPLE OF PALM SUAGR COLLECTED FROM CUDDALORE DISTRICT,”** being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

F.MOHAMED ISHAM (A19BCD26)

R.RAJESWARAR (A19BCD30)


P.RATHINAVEL (A19BCD32)

E.SANJEEVI (A19BCD33)

S.SANTHOSH (A19BCD35)

Is a bonafied record of work carried out by them under my guidance and supervision.


Signature of the Guide


Head of the department

Submitted for viva voce examination on 5/7/22

Place: Cuddalore-1.

Date: 05/07/2022

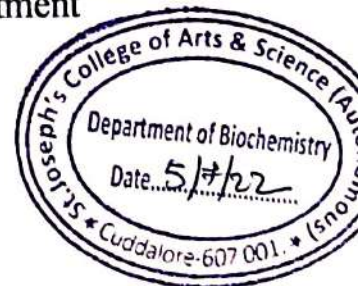
Examiners:

1.



2.





**Analysis of soil samples for its physico-chemical parameters from different places of
Cuddalore district.**

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

BACHELOR OF SCIENCE OF BIOCHEMISTRY

Submitted by

PURUSHOTHAMAN.V	(A19BCD28)
SOUNDHAR.R	(A19BCD39)
SATHISH KUMAR.M	(A19BCD37)
SHIVA KISHORE.R	(A19BCD38)
SUNDHARAPANDIAN.R	(A19BCD41)

Under the Guidance of

Ms R.ANITHA M.Sc., M. Phil., B.Ed.,

PG & Research Department of Biochemistry



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

(Affiliated to Thiruvalluvar University, Vellore)

(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)

CUDDALORE
JUNE- 2022



CERTIFICATE

This is to certify that the project entitled "Analysis of soil samples for its physico-chemical parameters from different places of Cuddalore district is being" submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

BY

PURUSHOTHAMAN.V (A19BCD28)

SOUNDHAR.R (A19BCD39)

SATHISH KUMAR.M (A19BCD37)

SHIVA KISHORE.R (A19BCD38)

SUNDHARAPANDIAN.R (A19BCD41)

Is a bonafide record of work carried out by them under my guidance and supervision.

L. Vetha
Signature of the Guide

[Signature]
Head of the department

Submitted for viva voce examination on 27/6/22

Place: Cuddalore-1.

Date:

Examiners:

1. *[Signature]*
2. *L. Vetha*



ACKNOWLEDGEMENT

If the words are considered as symbol of approval and tokens of acknowledgement, then word play heralding role of expressing my gratitude to all those who helped me directly or indirectly during this project work.

I take pleasure to express my gratitude to our respected secretary, **Rev. Fr. PETER RAJENDRIRAM, M.A., M.Sc., M.Ed., M.Phil.,** St. Joseph's College Of Arts and Science (Autonomous), Cuddalore, for giving me the opportunity to submit my project.

I humbly express my profound sense of gratitude to our Principal **Dr. M. ARUMAI SELVAM., M.Sc., M.Phil., Ph.D.,** for his great inspiration, especially for giving me the golden opportunity to complete my course in St. Joseph's College of Arts and Science (Autonomous), Cuddalore.

I Would like to express my sincere gratitude to **Rev. Fr. Dr. S.XAVIER, M.Sc., M.Phil., B.Ed., Ph.D.,** the controller of examination, St. Joseph's College of Arts and Science(Autonomous), Cuddalore, for giving me an opportunity to undertaken this work as a part of my curriculum.

I express my sincere and heartfelt thanks to my respected **GuideMs R.ANITHA M.Sc., M. Phil., B.Ed.,** Asst. Professor, PG & Research Department of Biochemistry, St. Joseph's College Of Arts And Science (Autonomous), Cuddalore, for the guidance, advice and support for the successful completion of this project.

I deem it a proud privilege and pleasure in expressing my sincere gratitude and indebtedness to our Head of the Department, **Dr. P. MARIE AROCKIANATHAN, M.Sc., M. Phil., Ph.D., PGDHRM,** St. Joseph's College Of Arts and Science (Autonomous), Cuddalore I express my whole hearted thanks to all the staff members and colleagues, Department of Biochemistry, St. Joseph's College of Arts and Science (Autonomous) for their constant support and motivation.



CERTIFICATE

This is to certify that the project entitled on "A SURVEY ANALYSIS PROCESS TO ASSESS THE AWARENESS POTENTIAL OF PRIMARY HYPERTENSIVE PEOPLE IN CUDDALORE DISTRICT TAMILNADU" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, Affiliated to Thiruvalluvar University, Vellore.

By

K. SANJEEVI GUPTHA

A19BCD34

R. SURIYAPRAKASH

A19BCD42

B.VENKATESAN

A19BCD44

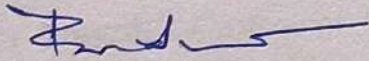
N.VENKATESAN

A19BCD45

A.VETRISSELVAN

A19BCD46

is a bonafide record of work carried out by them under my guidance & supervision and submitted to in partial fulfillment for the award of the Degree of Bachelor of Science in Biochemistry.


Head of the Department

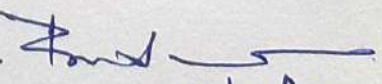
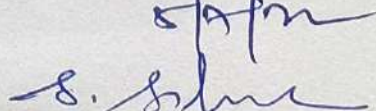
Place: *Cuddalore*

Date: *05.07.2022*




Signature of the Guide

Examiners:

- 
- 

CERTIFICATE

This is to certify that the project entitled on "EFFECT OF PANCHAKAVYA ON RESTORATION OF GROWTH IN DETERGENT POLLUTED WATER TREATED PLANTS" being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Thiruvalluvar University, Vellore.

By

N.SRI MATHAVAN A19BCD40

R.VIGNESH A19BCD47

V.VIGNESH A19BCD48

V.VIMALRAJ A19BCD49

is a bonafied record of work carried out by them under my guidance and supervision.



Signature of the Guide



Head of the Department

Submitted for *viva-voce* examination on 05/07/2022

Place: Cuddalore-

1. Date: 05/07/2022

Examiner

s: 1. 

2. 



CERTIFICATE

This is to certify that the project entitled on **"SURVEY ON LIFE STYLE DISEASES & HABIT"** being submitted to submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University, Chidambaram

Submitted By

K. YOGESH - A19BCD50

S. SARWESHVARAN - A19BCD51

S. SATHIESH - A19BCD52

S. TAMIZARASAN - A19BCD53

is a bonafied record of work carried out by them under my guidance and supervision.

Signature of the Guide

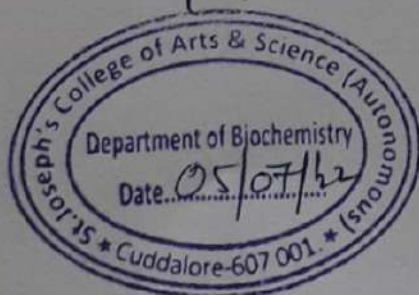
Head of the Department

Submitted for viva voce examination on 05/07/2022

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: 05/07/2022



Examiners:

- 1.
- 2.

BIKE RENTAL SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

R.AAKASH KUMAR
[A19CSDA01]

K.ABILASH
[A19CSDA02]

Under the Guidance of

Dr. M. Arumai Selvam, M.Sc.,M.Phil.,Ph.D.,

(Principal and Head, Post Graduate and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

BIKE RENTAL SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R.AAKASH KUMAR

K.ABILASHI

[A19CSDA01]

[A19CSDA02]

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

Submitted for the viva-voce examination held on 03.06.22

Examiners:

1.  03/6/2022

2.  3/6/22

E-BIRTH CERTIFICATE

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

B.AKASH PRIYAN

(Reg No: A19CSDA03)

D.ARAVINDHAN

(Reg No: A19CSDA04)

Under the Guidance of

Dr. R. VIDYA,M.SC.,B.ED.,PGDCA.,Ph.D.,

Assistant Professor, (Post Graduate and Research Department of Computer Science)



ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE

(AUTONOMOUS)

CUDDALORE- 607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

E-BIRTH CERTIFICATE

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

B.AKASH PRIYAN

(Reg No: A19CSDA03)

D.ARAVINDHAN

(Reg No: A19CSDA04)


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. 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 - 607001.




Internal Guide


Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Head of the Department

Submitted for the viva-voce examination on 03/06/2022

Examiners:

1.  03/06/2022
2.  03/06/22

DOOR STEP PHARMACY

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

L.ARJUN

K. ARUN KUMAR

(A19CSDA05)

(A19CSDA06)

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 & SCIENCE(AUTONOMOUS)

(Affiliated to Thiruvalluvar University - Vellore)

CUDDALORE- 607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

DOOR STEP PHARMACY

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

L.ARJUN

K. ARUN KUMAR

(A19CSDA05)

(A19CSDA06)

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.

01/06/2022
INTERNAL GUIDE

Dr. T. NARAYANA LAKSHMI, M.Sc., M.Phil., Ph.D.
Assistant Professor
Post Graduate and Research Department of Computer Science
St. Joseph's College of Arts and Science (Autonomous)
Cuddalore, Tamil Nadu-607 001.

[Signature]
HEAD OF THE DEPARTMENT

Dr. M. ANUMAI SELVAN, M.Sc.(Math), M.Phil., Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.06.2022

Examiners:

1. *[Signature]* 03/06/2022

2. *[Signature]* 3/6/22

ONLINE BEAUTY PARLOUR BOOKING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.ASHWIN

S.BADRI NARAYANAN

[A19CSDA07]

[A19CSDA08]

Under the Guidance of

Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled
ONLINE BEAUTY-PARLOUR BOOKING SYSTEM

Being submitted to the St.Joseph's College of Arts and Science (Autonomous),
Affiliated to Thiruvalluvar University-Vellore.

By

K.ASHWIN
[A19CSDA07]

S.BADRI NARAYANAN
[A19CSDA08]

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


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 and Science (Autonomous)
Cuddalore, Tamil Nadu-607 001.



HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1. 

2. 

ONLINE YOGA TIPS

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

U.BALAJI

S. BHARATHI

[A19CSDA09]

[A19CSDA10]

Under the Guidance of

Dr. C. Christy , M.C.A, M.Phil., 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

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE YOGA TIPS

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

U.BALAJI

S. BHARATHI

[A19CSDA09]

[A19CSDA10]

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.

Christy. C

Internal Guide

Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.H.D.,

Assistant Professor

P.G. & Research Dept. of Computer Science,

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

CUDALORE - 607 001

Submitted for the viva-voce examination on 03-06-2022

Head of the Department

Dr. M. ARUNATH SELVAM, M.Sc., M.Phil., M.A., M.Ed., P.H.D.,

Head, P.G. and Research Department of Computer Science

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

Cudalore-607 001.

Examiners:

1. *P.S.S. 03/6/2022*

2. *M 3/6/22*

PICK FRESH

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M. DHAYANITHI

R. DHINESH RAJ

[A19CSDA11]

[A19CSDA12]

Under the Guidance of

Dr. C. Christy., M.C.A., M.Phil., SET., Ph.D.,

(Assistant Professor, PG and Research Department of Computer Science)



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

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

PICK FRESH

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University – Vellore)

By

M. DHAYANITHI

R. DHINESH RAJ

[A19CSDA11]

[A19CSDA12]

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.

Christy .c

INTERNAL GUIDE

Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.h.D.,
Assistant Professor

P.G. & Research Dept. of Computer Science,

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

Cuddalore-607 001.

HEAD OF THE DEPARTMENT

sel
Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Examiners:

1. *02/06/2022*

2. *3/6/22*

REAL ESTATE PORTAL SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

D.ELAIARASAN

[A19CSDA13]

D.ESAIVENDHAN

[A19CSDA14]

Under the Guidance of

DrA.R.Johnson Durai , M.C.A.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE
REAL ESTATE PORTAL SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University Vellore)

By

D.ELAIARASAN

[A19CSDA13]

D.ESAIVENDHAN

[A19CSDA14]

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

Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

HEAD OF THE DEPARTMENT

Dr. M. ARUNAL SELVAN, M.Sc. (Maths) & Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.06.2022

Examiners:

1. Dr. A.R. Johnson Durai 03/06/2022
2. Dr. M. Arun Selvan 03/06/2022

GYM MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M.GNANASAMBANDHAM

[A19CSDA15]

N.GOVARTHANAN

[A19CSDA16]

Under the Guidance of

Dr.A.R.JOHNSON DURAI , MCA.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

GYM MANGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

M.GNANASAMBANDHAM

N. GOVARTHANAN

[A19CSDA15]

[A19CSDA16]

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

Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.
Assistant Professor,
P.G. & Research Dept. of Computer Science,


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

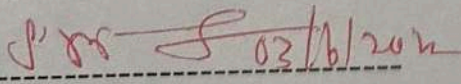
03/02/2022

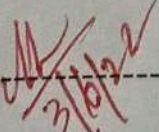
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Submitted for the viva-voce examination held on -----
CUDDALORE - 607 001.

Examiners:

1.  03/06/2022

2.  3/6/22

COVID19 -TESTING SYSTEM

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

M.IMTHIYAS SHARIF(Reg No: A19CSDA17)

K.JOTHI PRAKASH(Reg No: A19CSDA19)

Under the Guidance of

MR. A. ARUN BENEDICT M.Sc., 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

JUNE -2022

CERTIFICATE

This is to certify that the Mini-Project entitled

COVID19 -TESTING SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

M.IMTHIYASSHARIF (Reg No: A19CSDA17)

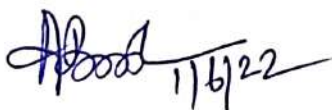
K.JOTHI PRAKASH (Reg No: A19CSDA19)

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

Dr.M.ARUMAI SELVAM, M.Sc(Maths), M.Sc(CS), M.Phil(CS), Ph.D.

Head, PG and Research Department of Computer Science

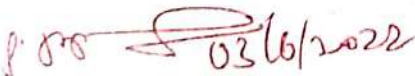
St.Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Submitted for the viva-voce examination on 03/06/2022

Examiners:

1.



2.



VEHICLE PARKING MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

B.KARGIL

T.KESAVALU

[A19CSDA20]

[A19CSDA21]

Under the Guidance of

Mr.A.Arun Benedict M.Sc.,M.Phil.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
VEHICLE PARKING MANAGEMENT SYSTEM

Being submitted to
St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

B.KARGIL
[A19CSDA20]

T.KESAVALU
[A19CSDA21]

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


Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVA, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Examiners:

1. 

2. 

ONLINE PETS SALES AND CARE

A Mini Project Report

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

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

B.LOKESH

[A19CSDA22]

S.MAHENDIRAN

[A19CSDA23]

Under the Guidance of

Dr.J.JAYAPAL M.C.A, DME, M.phil, Phd,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE PESTS SALES AND CARE

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

B. LOKESH

S. MAHENDIRAN

[A19CSDA22]

[A19CSDA23]

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 1. 6. 2022

Examiners:

1. P. Mr. P. Arulselvan
2. M. Arumai Selvam

COMPUTER SALES AND INVENTORY SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.MANIMARAN

M.MOHAMMED ABDULLA

[A19CSDA24]

[A19CSDA25]

Under the Guidance of

DR.J.JAYAPAL, M.C.A.,D.M.E.,M.Phil.,Phd.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

June- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

COMPUTER SALES AND INVENTORY SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

K.MANIMARAN

M.MOHMMED ABDULLA

[A19CSDA24]

[A19CSDA25]

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,

Assistant Professor

PG & Research Department of Computer Science

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

Submitted for the oral examination held on -----


HEAD OF THE DEPARTMENT

Dr. MARUMAL SELVAN, M.C.A., M.Phil., Ph.D.,

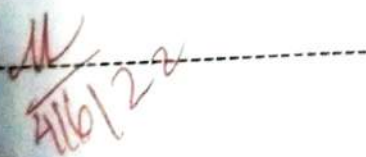
Head, PG and Research Department of Computer Science

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

Certificate No. 41061/2022

Examiners:

1.  -----

2.  -----

ONLINE DOCTER APPOINTMENT SYSTEM

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

M.MOHAMED IMRAN (Reg No: A19CSDA26)

M I.MOHAMED THANVEER (Reg No: A19CSDA27)

Under the Guidance of

Dr.A.Victoria Anand Mary., M.C.A, M.Phil.,B.Ed.,Ph.D., SET

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

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE DOCTER APPOINTMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

M.MOHAMED IMRAN (Reg No: A19CSDA26)


M I.MOHAMED THANVEER (Reg No: A19CSDA27)

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

Dr. A. VICTORIA ANAND MARY M.A., 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

03/06/2022



Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Examiners:

1. 
03/06/2022
2. 
3/6/22

AUTOMATED COLLEGE TIME TABLE GENERATOR

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

F.MUSHARAF (Reg No: A19CSDA28)

D.PARTHIBAN (Reg No: A19CSDA29)

Under the Guidance of

Dr. A. Victoria Anand Mary., M.C.A, M.Phil., B.Ed.,Ph.D., SET

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

JUNE 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
AUTOMATED COLLEGE TIME TABLE GENERATOR

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

F.MUSHARAF (Reg No: A19CSDA28)

D.PARTHIBAN (Reg No: A19CSDA29)

For the partial Fulfillment for the award of degree of

BACHELOR OF SCIENCE COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under My guidance and supervision.

For victoria
Christy.c
Internal Guide

Dr. C. CHRISTY, M.C.A., M.Phil., SET, Ph.D.,
Assistant Professor
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

[Signature]
Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 3.6.22

Examiners:

1. *S. S. S. 03/6/2022*
2. *M. 3/6/22*

ZOO 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

V.PRAJU (Reg No: A19CSDA30)

G.PREM KUMAR (Reg No: A19CSDA31)

Under the Guidance of

Mr. S. ANTONY JONES, M.C.A., M.Phil., SET

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

JUNE 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ZOO MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

V.PRAJU (Reg No: A19CSDA30)

G.PREM KUMAR (Reg No: A19CSDA31)

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. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

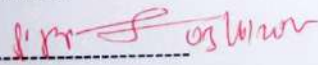
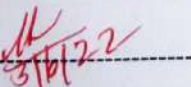


Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 3/6/2022

Examiners:

1. 
2. 

HUMAN ORGAN DONATION MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

C.RAJESHKUMAR
[A19CSDA32]

R.RAMKUMAR
[A19CSDA33]

Under the Guidance of

Mr. S. ANTONY JONES M.C.A., M.Phil., SET,
(Assistant Professor, P.G. and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled

HUMAN ORGAN DONATION MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

C.RAJESHKUMAR
[A19CSDA32]

R.RAMKUMAR
[A19CSDA33]

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. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.





HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.06.2022

Examiners:

1.  03/06/2022
2.  03/06/2022

ONLINE JOB PORTAL 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.RANJITH

R.SADHAM HUSSAIN

[A19CSDA34]

[A19CSDA35]

Under the Guidance of

Dr.S.Muthukumaran , M.Sc(IT).,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE JOB PORTAL MANAGEMENT SYSTEM

Being submitted to
St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

R.RANJITH

R.SADHAM HUSSAIN

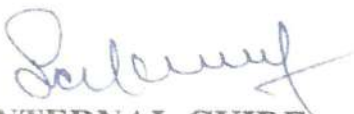
[A19CSDA34]

[A19CSDA35]

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

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

Dr. MANJUL SELVAN, M.Sc.(IT), M.Phil., Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1. S. S. S. 03/6/22

2. M. 3/6/22

CAR WASHING MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

**S.SASIDHAR
[A19CSDA36]**

**J.SELVAMANI
[A19CSDA37]**

Under the Guidance of

**Dr. S. Muthukumaran M.Sc.(IT)., M.Phil., Ph.D.,
(Assistant Professor, P.G. and Research Department of Computer Science)**



**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE-607001
APRIL-2022**

CERTIFICATE

This is to certify that the Mini Project entitled
CAR WASHING MANAGEMENT SYSTEM

Being submitted to the
St. Joseph's College of Arts and Science (Autonomous),
Affiliated to Thiruvalluvar University-Vellore.

By


S.SASIDHAR
[A19CSDA36]

J.SELVAMANI
[A19CSDA37]

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

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

Dr. J. SELVAMANI, M.Sc. (Maths), M.Phil., Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.06.2022

Examiners:

1. 9/6/22

2. 9/6/22

HUMAN RESOURCE MANAGEMENT FOR SECURITY GUARD AGENCY

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

R.SRIDHAR

S.SUGUMAR

[A19CSDA38]

[A19CSDA39]

Under the Guidance of

Mrs.J.HEMALATHA., M.Sc.(IT),M.Phil.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled
HUMAN RESOURCE MANAGEMENT FOR SECURITY GUARD AGENCY
Being submitted to the St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University-Vellore)

By

R.SRIDHAR

[A19CSDA38]

S.SUGUMAR

[A19CSDA39]

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.

Hemalatha
INTERNAL GUIDE
J. HEMALATHA, M.Sc., M.Phil.
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

Dr. M. Arumai Selvam
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1. *P. S. S. 03/6/2022*
2. *M. S. S. 3/6/22*

BUS PASS MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

P.SURIYA

C.THIYAGARAJAN

[A19CSDA40]

[A19CSDA41]

Under the Guidance of

Mrs.J.Hemalatha, 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

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

BUS PASS MANAGEMENT SYSTEM

Being submitted to the

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

Affiliated to Thiruvalluvar University-Vellore.

By

P.SURIYA

C.THIYAGARAJAN

[A19CSDA40]

[A19CSDA41]

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

J. HEMALATHA, M.Sc., M.Phil.

Assistant Professor,

P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607 001.



HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science


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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.06.22 Cuddalore-607 001.

Examiners:

1. 

2. 

EMPLOYEE LEAVE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

D.VIGNESH

M.VIGNESHWAR

[A19CSDA42]

[A19CSDA43]

Under the Guidance of

Dr.V.SUDHA .,M.Sc[IT],,M.Phil.,Ph.D.,

(Assistant Professor, P.G and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

EMPLOYEE LEAVE MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

D.VIGNESH
[A19CSDA42]

M.VIGNESHWAR
[A19CSDA43]

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
Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
Submitted for the end-semester examination held on ---02---06---2022---



Dr. M. ARUN, M.Sc., M.Phil., Ph.D.,
HEAD OF THE DEPARTMENT

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

Examiners:

1. Dr. S. S. Sathyanarayanan

2. Dr. S. S. Sathyanarayanan

ONLINE BOAT RESERVATION SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.VISHNU

K.HAIDEN DESSOSA

[A19CSDA44]

[A19CSDA45]

Under the Guidance of

Dr.V.SUDHA., M.Sc.(IT),M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE BOAT RESERVATION SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

S.VISHNU

K.HAIDEN DESSOSA

[A19CSDA44]

[A19CSDA45]

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

Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.




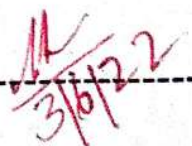
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous).

Submitted for the viva-voce examination held on 03-06-2022

Examiners:

1.  3/6/22

2.  3/6/22

JK SURGICALS AND SERVICES
A Mini Project Report
Submitted for the partial fulfillment for
the award of degree of
BACHELOR OF COMPUTER SCIENCE
by

J. DHINESH
[A19CSDA46]

J. JAMES VASANTH VICTOR
[A19CSDA47]

Under the Guidance of
Mrs. C. MARY SHAKKINA, M.C.A, M.Phil.,
(Guest Lecturer, PG and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

JK SURGICALS AND SERVICES

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

Being submitted to Affiliated to Thiruvalluvar University-Vellore.

By

J.DHINESH

J.JAMES VASANTH VICTOR

[A19CSDA46]

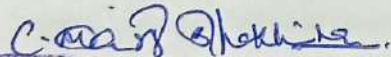
[A19CSDA47]

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


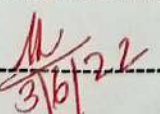
P.G. & Research Department of Computer Science
St. Joseph's College of Arts & Science

Submitted for the viva-voce examination held on


HEAD OF THE DEPARTMENT

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Examiners:

1. 
2. 

ONLINE COURT MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

BACHELOR OF COMPUTER SCIENCE

by

P. CLAMAN RAJ

[A19CSDA48]

M.GANESH

[A19CSDA49]

Under the Guidance

Mrs.C. MARY SHAKKINA M.CA, M.Phil.

(Guest Lecturer, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini Project entitled
ONLINE COURT MANAGEMENT SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

P. CLAMAN RAJ

[A19CSDA48]

M.GANESH

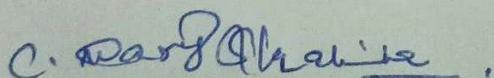
[A19CSDA49]

For the partial fulfillment for the award of degree of

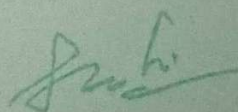
BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



INTERNAL GUIDE

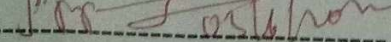


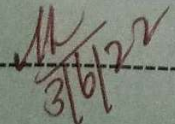
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on

Examiners:

1. 

2. 

03. 06. 2022

ONLINE BAND BOOKING

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

R.HEMAVADANAN

V.DINESH KUMAR

[A19CSDA50]

[A19CSDA51]

Under the Guidance of

Mr.D.Vigneshwara Raj M.C.A.,M.Phil.,SLET,M.B.A.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE BAND BOOKING

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R.HEMAVADANAN

V.DINESH KUMAR

[A19CSDA50]

[A19CSDA51]

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

VIGNESHWARA RAJ .D

Assistant Professor

PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 1.



HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1. Dr. M. Arumai Selvam 03/06/2022
2. Dr. Vigneshwara Raj .D 03/06/2022

ONLINE FIRE REPORTING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S. AKASH
[A19CSDB03]

S. ARIVUCHELVAN
[A19CSDB04]

Under the Guidance of

Dr. R. VIDYA, M.Sc., B.Ed., M.Phil., PGDCA., Ph.D.,
(Assistant Professor, P.G. and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE FIRE REPORTING SYSTEM

Being submitted to the

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

(Affiliated to Thiruvalluvar University-Vellore)

By


S. AKASH
[A19CSDB03]

S. ARIVUCHELVAN
[A19CSDB04]

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. 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 - 607001.

INTERNAL GUIDE


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Assistant Professor, Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore - 607001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1.  03/06/22

2.  03/06/2022

E-AGRO MARKETING MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

V.ARUN KUMAR

J.ASLAM HUSSAIN

[A19CSDB05]

[A19CSDB06]

Under the Guidance of

Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

E-AGRO MARKETING MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

V.ARUN KUMAR

J.ASLAM HUSSAIN

[A19CSDB05]

[A19CSDB06]

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.

for
[Signature]

INTERNAL GUIDE

Dr. I. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D.

Assistant Professor

Post Graduate and Research Department of Computer Science

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

Cuddalore-607 001.

[Signature]
HEAD OF THE DEPARTMENT

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/22

Examiners:

1. *[Signature]*

2. *[Signature]*
3/6/22

BICYCLE ASSEMBLING AND SELLING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S. BALAGURU

[A19CSDB07]

E. BASKAR

[A19CSDB08]

Under the Guidance of

Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
BICYCLE ASSEMBLING AND SELLING SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

S.BALAGURU

E.BASKAR

[A19CSDB07]

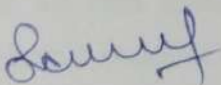
[A19CSDB08]

For the partial fulfillment for the award of degree of
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

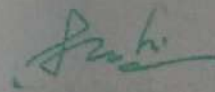
Is a Bonafide record of work carried out by them,

Under my guidance and supervision.

for



Dr. T. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D
Assistant Professor
INTERNAL GUIDE
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts and Science (Autonomous)
Cuddalore-607 001.



HEAD OF THE DEPARTMENT
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.06.2022

Examiners:

1. 03/6/2022

2. 03/6/22

ONLINE CATERING MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.CHANDRU

K.DEVANATHAN

[A19CSDB09]

[A19CSDB10]

Under the Guidance of

Dr.C.Christy , M.C.A.,M.Phil.,SET.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE CATERING MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University Vellore)

By

K.CHANDRU

K.DEVANATHAN

[A19CSDB09]

[A19CSDB10]

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.

Christy.c

INTERNAL GUIDE

Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.h.D.,
Assistant Professor

P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

Devanathan

HEAD OF THE DEPARTMENT

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

Submitted for the viva-voce examination held on 02/6/2020

Examiners:

1. *S. M. S. 02/6/2020*

2. *M. S. 02/6/2020*

ONLINE CAB BOOKING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

D.DHEENADHAYALAN

K. DHINESH

[A19CSDB11]

[A19CSDB12]

Under the Guidance of

Dr. C. Christy M.C.A., M.Phil., SET., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

ONLINE CAB BOOKING SYSTEM

CERTIFICATE

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

By

D.DHEENADHAYALAN

K. DHINESH

[A19CSDB11]

[A19CSDB12]

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.

Christy. C
INTERNAL GUIDE

Dr. C. CHRISTY, M.C.A., M.Phil., SET, Ph.D.,
Assistant Professor
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

Dr. M. Arumai Selvam
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc., M.Phil., B.E., M.Tech., Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/6/2022

Examiners:

1. *J. Pr. Senthil Kumar*
2. *M. K. 3/6/22*

ONLINE STUDENT FEEDBACK SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

G.DHINESH
[A19CSDB13]

J.DURAIRAJ
[A19CSDB14]

Under the Guidance of

Dr.A.R.Johnson Durai M.CA,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE STUDENT FEEDBACK SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

G.DHINESH
[A19CSDB13]

J.DURAIRAJ

[A19CSDB14]

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

Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.
Assistant Professor,
PG & Research Dept. of Computer Science,

St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.


HEAD OF THE DEPARTMENT

Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/6/2022

Examiners:

1. 01/05/2022
2. 03/6/2022

ONLINE DJ BOOKING MANAGEMENT

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M.ELAMPARUTHI

S.FIGOLAN

[A19CSDB15]

[A19CSDB16]

Under the Guidance of

Dr.A.R.Johnson Durai M.CA,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE DJ BOOKING MANAGEMENT

Being submitted to

St. Joseph's College of Arts and Science (Autonomous)
(Affiliated to Thiruvalluvar University-Vellore)

By

M.ELAMPARUTHI

S.FIGOLAN

[A19CSDB15]

[A19CSDB16]

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

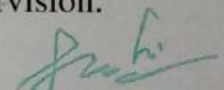
them, Under my guidance and supervision.


INTERNAL GUIDE

Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.
Assistant Professor,

PG & Research Dept. of Computer Science

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


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

1. 

2. 

EVENT MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.GANESH

R.GOGULAN

[A19CSDB17]

[A19CSDB18]

Under the Guidance of

Mr.A.ARUN BENEDICT, M.Sc.,M.Phil.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH' S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

EVENT MANAGEMENT SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

S.GANESH

R.GOGULAN

[A19CSDB17]

[A19CSDB18]

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.



HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1. 03/06/2022
2. 03/06/2022

GUESTS AUTOMIZATION

A Mini Project Report

Submitted for the partial fulfillment for
the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.GOWTHAMAN

[A19CSDB19]

S.IYYAPPAN

[A19CSBD20]

Under the Guidance of

Mr.A.Arun Benedict , M.Sc.,M.Phil.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

GUESTS AUTOMIZATION

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

K.GOWTHAMAN
[A19CSDB19]

S.JYYAPPAN
[A19CSDB20]

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.



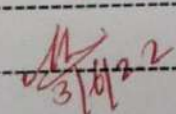
HEAD OF THE DEPARTMENT

Dr. M. ARUMU SELVAM, M.Sc.(Maths), M.Sc.(CS), M.A.(Edu), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1.  02/6/2022

2.  03/6/22

BLOOD BANK MANAGEMENT

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.JAYACHANDRA NATRAJAN

S.KAMALESWARAN

[A19CSDB21]

[A19CSDB22]

Under the Guidance of

Dr.J.JAYAPAL, M.C.A., D.M.E., M.Phil., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled

BLOOD BANK MANAGEMENT

Being submitted to

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

(Affiliated to Thiruvalluvar University-Vellore)

By

S.JAYACHANDRA NATRAJAN

S.KAMALESWARAN

[A19CSDB21]

[A19CSDB22]

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

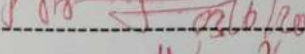
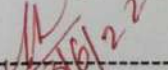
Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore-607 001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03.6.22

Examiners:

1. 
2. 

ONLINE LAPTOP BOOKING SERVICES

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

G.KARTHIK RAJA
[A19CSDB23]

N.KUMARESAN
[A19CSDB24]

Under the Guidance of

Dr.J.JAYAPAL,M.C.A.,D.M.E.,M.Phil.,Ph.D.,

(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-607001

JUNE - 2022

ONLINE LAPTOP BOOKING SERVICES

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

G.KARTHIK RAJA
[A19CSDB23]

N.KUMARESAN
[A19CSDB24]

Under the Guidance of

Dr.J.JAYAPAL,M.C.A.,D.M.E.,M.Phil.,Ph.D.,

(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-607001

JUNE - 2022

HOSTEL MANAGEMENT SYSTEM

A Mini-Project Report

Submitted for the partial fulfilment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

S. MADHAN

T. MANIKANDAN

[A19CSDB25]

[A19CSDB26]

Under the Guidance of

Dr.A.Victoria Anand Mary, M.C.A., M.Phil. SET, B.Ed.,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

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled

HOSTEL MANAGEMENT SYSEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

S.MADHAN
[A19CSDB25]

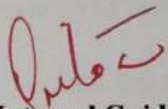
T.MANIKANDAN
[A19CSDB26]

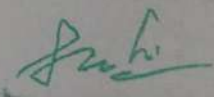
For the partial Fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.


Internal Guide

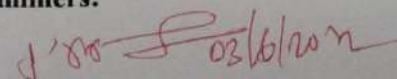
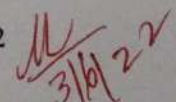

Head of the Department

Dr. A.VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,
Assistant Professor
PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore-607001

Dr. M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 03/06/2022

Examiners:

1.  03/06/2022
2.  3/6/22

TOURISM MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

B.MANOBALA
[A19CSDB27]

A.MOHAMED ADHILL
[A19CSDB28]

Under the Guidance of

Dr.A. Victoria Anand Mary, M.C.A.,M.Phil.,B.Ed.,SET,Ph.D.,
(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

TOURISM MANAGEMENT

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

B.MANOBALA
[A19CSDB27]

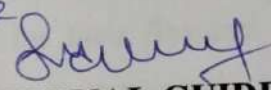
A.MOHAMED ADHILL
[A19CSDB28]

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.

FOR

INTERNAL GUIDE

Assistant Professor

P.G. & Research Department of Computer Science

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


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

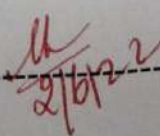
St. Joseph's College of Arts & Science (Autonomous),

Vellore - 607 001.

Submitted for the viva-voce examination held on 03.06.2022

Examiners:

1. _____

2.  _____

ONLINE VOTING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M. MOHAMED RIYAZ

[A19CSDB29]

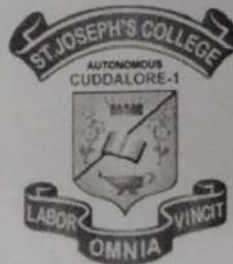
A. MONISH RAJA

[A19CSDB30]

Under the Guidance of

Mr.S.Miranda Lakshmi , M. C. A.,M. Phil., SET

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE VOTING SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

M.Mohamed Riyaz

A.Monish Raja

[A19CSDB29]

[A19CSDB30]

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,

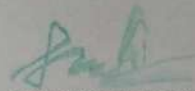
Under my guidance and supervision.



INTERNAL GUIDE
S. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,

P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),

Subscribed for the viva-voce examination held on



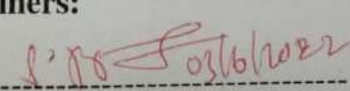
HEAD OF THE DEPARTMENT

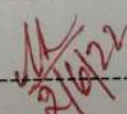
Dr. M. ARUMAI SELVAM, M.Sc.(Math), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Examiners:

1.  03/06/2022

2.  2/6/22

OPPORTUNITIES

A Mini Project Report

Submitted for the partial fulfillment for
the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

D. SUNIL

P. TAMIZH PRIYAN

[A19CSDB42]

[A19CSDB43]

Under the Guidance of

Dr.V.SUDHA, M.sc., [IT] M.Phil., Ph.D.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH S COLLEGE OF ARTS AND

SCIENCE(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini Project entitled

OPPORTUNITIES

Being submitted to the St. Joseph's College of Arts and Science
(Autonomous), Affiliated to Thiruvalluvar University-Vellore.

By

D. SUNIL
[A19CSDB42]


P. TAMIZH PRIYAN
[A19CSDB43]

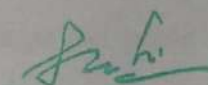
For the partial fulfillment for the award of degree of

BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

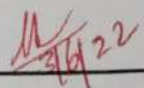
Under my guidance and supervision.

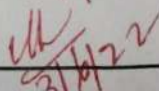

Assistant Professor
INTERNAL GUIDE
Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
CUDDALORE - 607 001.


HEAD OF THE DEPARTMENT
Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:





HOSPITAL 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.PARTHIBAN

P.PRAVEEN

[A19CSDB32]

[A19CSDB33]

Under the Guidance of

Mr. S. Antony Jones M.C.A., M.Phil., SET.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled

HOSPITAL MANAGEMENT SYSTEM

Bring submitted to

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

R.PARTHIBAN

P.PRAVEEN

[A19CSDB32]

[A19CSDB33]

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.

[Signature]

[Signature]

INTERNAL GUIDE

S. ANTONY JONES, M.C.A., M.Phil.,

Assistant Professor,

P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),

Submitted for the viva voce examination held on

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Examiners:

1. *[Signature]* 02/06/2022

2. *[Signature]* 3/6/22

TYPING INSTITUTE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.RAGUNATH

K.RAMAKRISHNAN

[A19CSDB34]

[A19CSDB35]

Under the Guidance of

Dr.S.Muthukumaran , M.Sc.(IT).,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



P.G. AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

TYPING INSTITUTE MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

K.RAGUNATH

K.RAMAKRISHNAN

[A19CSDB34]

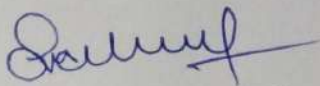
[A19CSDB35]

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

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

Dr. M. ARUMU K. L. VINAY, M.Sc., (IT), M.Sc., (J2), M.Phil., Ph.D.

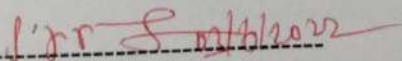
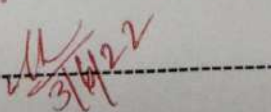
Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1.  03/06/2022
2.  03/06/2022

BORN TO WANDER

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

J.RAM PRABU

[A19CSDB36]

R.RAVINKUMAR

[A19CSDB37]

Under the Guidance of

Dr.S.MUTHUKUMARAN, M.Sc.(IT).,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)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini Project entitled

BORN TO WANDER

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

J.RAM PRABU

R.RAVINKUMAR

[A19CSDB36]

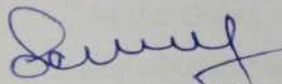
[A19CSDB37]

For the partial fulfillment for the award of degree of

BACHELOR OF COMPUTER SCIENCE

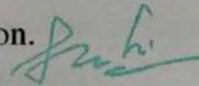
Is a Bonafide record of work carried out by them,

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.

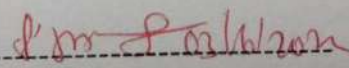
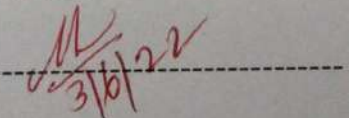


HEAD OF THE DEPARTMENT

Dr. MARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:

1.  03/06/2022
2.  3/6/22

CAR BOOKING MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

BACHELOR OF COMPUTER SCIENCE

by

S. SANJAYKHAN

[A19CSDB38]

R. SATHIYA PRIYAN

[A19CSDB39]

S.SHARANKUMAR

[A19CSDB40]

Under the Guidance of

Mrs.J.HEMALATHA,M.Sc.(IT),M.Phil.,

(AssistantProfessor,PG&ResearchdepartmentofComputerScience)



ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
CAR BOOKING MANAGEMENT SYSTEM

Beingsubmitted to

St.Joseph's College of Arts and Science(Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

S.SANJAYKHAN

R.SATHIYA PRIYAN

S.SHARANKUMAR

[A19CSDB38]

[A19CSDB39]

[A19CSDB40]

For the partial fulfillment for the award of degree of

BACHELOROFCOMPUTERSCIENCE

Is a Bonafide record of work carried out by

them Under my guidance and supervision.

For

INTERNAL GUIDE

Assistant Professor

P.A. & Research Department of Computer Science

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

CUDDALORE - 607 001.

HEAD OF THE DEPARTMENT

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on---03.06.2022---

Examiners:

1. *[Signature]* 03/06/2022
2. *[Signature]* 03/06/22

ONLINE PHYSICAL PARK

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

**M.VIGNESH
[A19CSDB44]**

**C.VIJAY
[A19CSDB45]**

Under the Guidance of

Dr.V.SUDHA M.Sc.(IT).,M.Phil.,Ph.D.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE PHYSICAL PARK

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

M.VIGNESH

C.VIJAY

[A19CSDB44]

[A19CSDB45]

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. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)

HEAD OF THE DEPARTMENT

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

Submitted for the viva-voce examination held on 03-06-2022

Examiners:

1. 1000 500/1000
2. 1000 500/1000

HOME SERVICES PROVIDER

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

A.VISHNUPRIYAN

A.AROKIYA RAJ

[A19CSDB46]

[A19CSDB47]

Under the Guidance of

Mrs.C.Mary Shakkina, M.C.A.,M.Phil.,

(Guest Lecturer, P.G. and Research Department of ComputerScience)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

HOME SERVICE PROVIDER

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

A.VISHNUPRIYAN

A.AROKIYARAJ

[A19CSDB46]

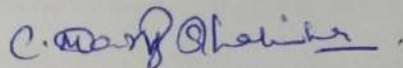
[A19CSDB47]

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

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

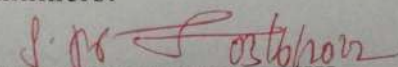
St.Joseph's College of Arts & Science (Autonomous),

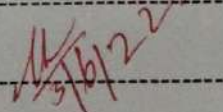
Cuddalore-607 007.

Submitted for the viva-voce examination held on

03/06/22

Examiners:

1. 

2. 

COMPUTER LABORATORY MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.JOHN PAUL

[A19CSDB48]

G.TONY PAL

[A19CSDB49]

Under the Guidance of

Mrs.C.Mary Shakkina, M.C.A., M.Phil.,

(Guest Lecturer, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
COMPUTER LABORATORY MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

S. JOHN PAUL

[A19CSDB48]

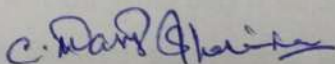
G. TONY PAL

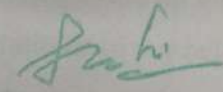
[A19CSDB49]

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.

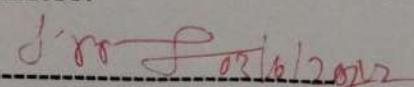
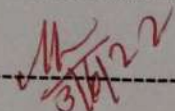

INTERNAL GUIDE


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 02-06-2022

Examiners:

1. 
2. 

EMPLOYEE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

R.DHASARATHI

[A19CSDB50]

I.HARIPRASAD

[A19CSDB51]

Under the Guidance of

MR.D.RANJEETH MSc.IT,MBA.,

(Guest Lecturer, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

EMPLOYEE MANAGEMENT SYSTEM

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

Being submitted to Affiliated to Thiruvalluvar University-Vellore.

By

R.DHASARATHI

[A19CSDB50]

I.HARIPRASAD

[A19CSDB51]

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 of Computer Science

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

Cuddalore - 607 001.


HEAD OF THE DEPARTMENT

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Examiners:

1.  4/6/2022

2.  4/6/22

OPPORTUNITIES

A Mini Project Report

Submitted for the partial fulfillment for
the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

D. SUNIL

P. TAMIZH PRIYAN

[A19CSDB42]

[A19CSDB43]

Under the Guidance of

Dr.V.SUDHA, M.sc., [IT] M.Phil., Ph.D.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH S COLLEGE OF ARTS AND

SCIENCE(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini Project entitled

OPPORTUNITIES

Being submitted to the St. Joseph's College of Arts and Science
(Autonomous), Affiliated to Thiruvalluvar University-Vellore.

By

D. SUNIL
[A19CSDB42]


P. TAMIZH PRIYAN
[A19CSDB43]

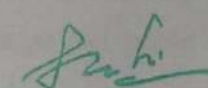
For the partial fulfillment for the award of degree of

BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

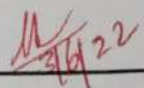
Under my guidance and supervision.

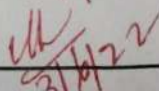

Assistant Professor
Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
CUDDALORE - 607 001.


HEAD OF THE DEPARTMENT
Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 03/06/2022

Examiners:





HOME APPLIANCES SERVICES

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

A.ABI

[A19CSDC01]

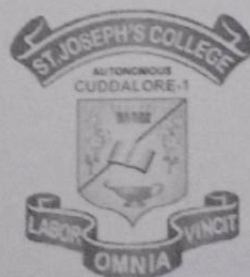
B.AKASH

[A19CSDC02]

Under the Guidance of

Dr.R.Vidya M.Sc.,B.Ed.,M.Phil., PGDCA.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

HOME APPLIANCES SERVICES

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

A.ABI

B.AKASH

[A19CSDC01]

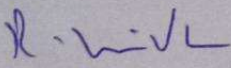
[A19CSDC02]

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

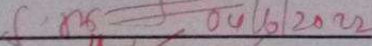
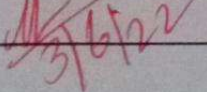
Dr. R. VIDYA, M.Sc., M.Phil., Ph.D.,
Assistant Professor,
PG & Research Dept. of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/6/2022

Examiners:

1.  04/6/2022
2.  3/6/22

LATE COMERS ATTENDANCE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

V.AKASHKUMAR

S.ARIVUSELVAN

[A19CSDC03]

[A19CSDC04]

Under the Guidance of

Dr.T.Miranda Lakshmi , M.Sc.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
LATE COMERS ATTENDANCE MANAGEMENT SYSTEM
Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

V.AKASHKUMAR

S.ARIVUSELVAN

[A19CSDC03]

[A19CSDC04]

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.

01/16/2022
INTERNAL GUIDE

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 and Science (Autonomous)
Vellore, Tamil Nadu-507 001.

[Signature]
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, B.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Vellore, Tamil Nadu-507 001.

Submitted for the viva-voce examination held on *01/16/2022*

Examiners:

1. *[Signature]*
2. *[Signature]*

ONLINE HOUSE RENT

A Mini Project Report

Submitted for the partial fulfillment for the award
of degree of
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

D.ARUL KUMAR
[A19CSDC05]

A. ASHISH ANDREW
[A19CSDC06]

Under the Guidance of

Dr. C. Christy, M.C.A., M.Phil., SET., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



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

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE HOUSE RENT

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),
Affiliated to Thiruvalluvar University-Vellore.

By

D.ARUL KUMAR
[A19CSDC05]

A. ASHISH ANDREW
[A19CSDC06]

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.

Christy.c

INTERNAL GUIDE

Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.H.D.,
Assistant Professor
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
CUDDALORE - 607 001.

Dr. M. Arumai Selvam

HEAD OF THE DEPARTMENT
Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), P.H.D.,
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore - 607 001.

Submitted for the viva-voce examination held on -----

Examiners:

1. *sl. 08* *04/6/2022*

2. *M* *21/6/22*

NUTSMART

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

T. BALAJI

B. BHARATH

[A19CSDC08]

[A19CSDC09]

Under the Guidance of

Dr.C.Christy M.C.A., M.Phil., SET., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

NUTSMART

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

T.BALAJI

B.BHARATH

[A19CSDC08]

[A19CSDC09]

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.

Christy C

INTERNAL GUIDE

Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.h.D.,

Assistant Professor

P.G. & Research Dept. of Computer Science,

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

CUDDALORE - 607 001.

Submitted for the viva-voce examination held on 04.06.2022

Arumai Selvam

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), P.h.D.

Head, PG and Research Department of Computer Science

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

CUDDALORE - 607 001.

Examiners:

1. *[Signature]*

2. *[Signature]*

HOTEL SERVER STAT

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

**P.CHITRAISELVAN
[A19CSDC10]**

**M.DHAYANEETHI
[A19CSDC11]**

Under the Guidance of

Dr.A.R.Johnson Durai M.C.A.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled

HOTEL SERVER STAT

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

P.CHITRAISELVAN
[A19CSDC10]

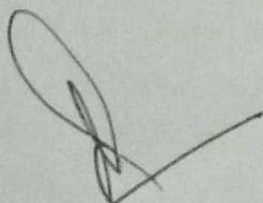
M.DHAYANEETHI
[A19CSDC11]

For the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

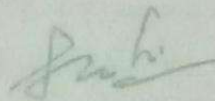
Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



INTERNAL GUIDE

Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.



HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Math), M.Sc. (CS), M.Phil., Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. [Signature] 04/06/2022

2. [Signature]

BUILDING CONSTRUCTION MATERIAL

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

**P.DHILIP
[A19CSDC12]**

**S.DHINESHKANTH
[A19CSDC13]**

Under the Guidance of

Dr.A.R.Johnson Durai M.C.A.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled
BUILDING CONSTRUCTION MATERIAL

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

P.DHILIP
[A19CSDC12]

S.DHINESHKANTH
[A19CSDC13]

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

Dr. AR. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001



HEAD OF THE DEPARTMENT

Dr. M. ARUNABE SELVAM, M.Sc., M.Phil., Ph.D.
Head, P.G. and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/6/2022

Examiners:

1.  04/6/2022


2.  4/6/22

IMAGE MINING

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.DINESH

R.EDWIN KUMAR

[A19CSDC14]

[A19CSDC15]

Under the Guidance of

Mr. A. ARUN BENEDICT , M.Sc.,M.Phil.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

IMAGE MINING

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore.)

By

S.DINESH

R.EDWIN KUMAR

[A19CSDC14]

[A19CSDC15]

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's College of Arts & Science (Autonomous),
Cuddalore - 607 001.


HEAD OF THE DEPARTMENT

Dr. MARUMAI SELVAN, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04-06-2022

Examiners:

1. 
2. 

HTSC FOUNDATION

A Mini-Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

N. ELANCHEZHIAN

(A19CSDC16)

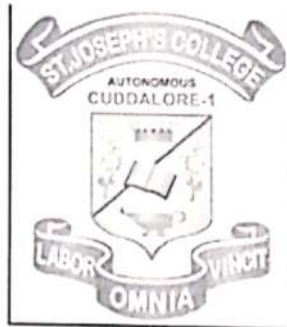
A. GAINS

(A19CSDC17)

Under the Guidance of

MR. A. ARUN BENDICT, M.Sc., M.Phil.,

(Assistant Professor P.G. and Research Department of Computer science)



ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ITSC FOUNDATION

Being submitted to

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

(Affiliated to Thiruvalluvar University-Vellore)

Submitted by

N. ELANCHEZHIAN
(A19CSDC16)

A. GAINS
(A19CSDC17)

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

HEAD OF THE DEPARTMENT

Dr. M. ANUMAI SELVAM, M.Sc., M.A., M.Phil., Ph.D,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva -voce examination on.....24/06/2022.....

EXAMINERS:

1.24/06/2022.....

2.4/6/22.....

ONLINE PROPERTY BUY AND SELL

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

G.GNANAPRAKASH

P.GOKULAKRISHNAN

[A19CSDC18]

[A19CSDC19]

Under the Guidance of

Dr.J.JAYAPAL, M.C.A., D.M.E., M.Phil., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE PROPERTY BUY AND SELL

Being submitted to

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

(Affiliated to Thiruvalluvar University-Vellore)

By

G.GNANAPRAKASH

P.GOKULAKRISHNAN

[A19CSDC18]

[A19CSDC19]

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

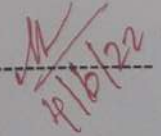

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on - 04/06/2022 -----

Examiners:

1.  04/06/2022

2.  11/6/22

VEHICLE SERVICE SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

R.HARISH

N.JAKER HUSAN

[A19CSDC20]

[A19CSDC21]

Under the Guidance of

Dr.J.JAYAPAL , M.C.A., D.M.E., M.Phil., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled

VEHICLE SERVICE SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University-Vellore)

By

R. HARISH

[A19CSDC20]

N. JAKER HUSAN

[A19CSDC21]

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

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,

Assistant Professor

PG & Research Department of Computer Science

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

Cuddalore - 607 001.

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc., M.Phil., M.Tech., Ph.D.

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. S. P. S. 04/06/2022

2. H. H. 04/06/22

DAIRY FARM SHOP MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

By

J.JAYASAKTHI

(A19CSDC22)

R.JOHNSON

(A19CSDC23)

Under the Guidance of

Dr. A. VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,

(Assistant Professor, P.G and Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

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

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
DAIRY FARM SHOP MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore) By

J.JAYASAKTHI

R. JOHNSON

(A19CSDC22)

(A19CSDC23)

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.

INTERNALGUIDE

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination 04.06.2022

Examiners:

1. Crossed by worm

4/6/22

E-QUESTION BANK 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

K.KARAN (Reg No: A19CSDC24)

R.KARTHIKEYAN (Reg No: A19CSDC25)

Under the Guidance of

Dr.A.Victoria Anand Mary., M.C.A, M.Phil.,B.Ed.,Ph.D., SET

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

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled

E-QUESTION BANK MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

K.KARAN (Reg No: A19CSDC24)

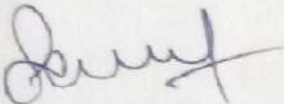
R.KARTHIKEYAN (Reg No: A19CSDC25)

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.

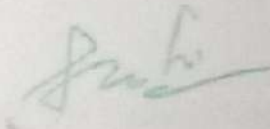
FOR


Internal Guide

Assistant Professor

P.G. & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)

Submitted Cuddalore-607 001.



Head of the Department

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), B.Ph.(Ed), P.G.D.

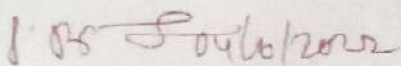
Head, PG and Research Department of Computer Science

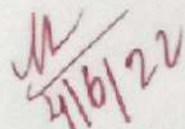
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Submitted for viva voce examination on 04-06-2022

Examiners:

1.  04/06/2022

2.  4/6/22

RESPONSIVE E-COMMERCE WEBSITE

A Mini Project Report

Submitted for the partial fulfillment for

the award of a degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

D. LOGESHWARAN
[A19CSDC26]

R. MADHAN KUMAR
[A19CSDC27]

Under the Guidance of

Mr. S. ANTONY JONES M.C.A., M.Phil., SET,

(Assistant Professor, P.G. and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled

RESPONSIVE E-COMMERCE WEBSITE

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

D. LOGESHWARAN
[A19CSDC26]

R. MADHAN KUMAR
[A19CSDC27]

For the partial fulfillment of the award of a degree of

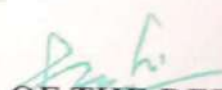
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



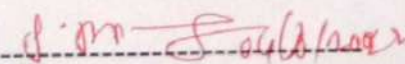
INTERNAL GUIDE
S. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

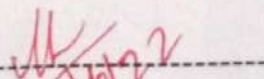


HEAD OF THE DEPARTMENT
Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/6/2022

Examiners:

1. 

2. 

ONLINE RESUME BUILDER

A Mini Project Report

Submitted for the partial fulfillment for the

award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.MANIMARAN
[A19CSDC28]

I.MERVIN DONALD
[A19CSDC29]

Under the Guidance of

Mr. S. ANTONY JONES, M.C.A.,M.PHIL.,SET

(Assistant Professor, P.G. and Research Department of Computer Science)



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

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE RESUME BUILDER

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore.)

By

K.MANIMARAN
[A19CSDC28]

I.MERVIN DONALD
[A19CSDC29]

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. ANTONY JONES, M.C.A., M.Phil.,

Assistant Professor,

P.G. & Research Dept. of Computer Science,

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

CUDDALORE - 607 001.



Dr. MARUTHI SELVAM, M.Sc., M.Phil., Ph.D.,
Head, P.G. & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
HEAD OF THE DEPARTMENT

Examiners:

1. 

2. 

Final VCE Examination held on 04/06/2022

MEDMINE HEALTHCARE

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

M.MOHAMED ASHIK

M.MOHAMED SUHAIL

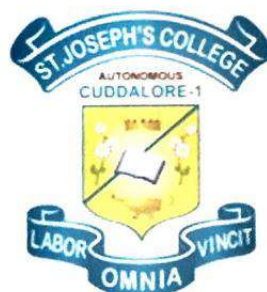
[A19CSDC30]

[A19CSDC31]

Under the Guidance of

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 AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

MEDMINE HEALTHCARE

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore.)

By

M.MOHAMED ASHIK

M.MOHAMED SUHAIL

[A19CSDC30]

[A19CSDC31]

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

Dr. MARUDHAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. 
2. 

DOCTOR CONSULTANCY SCHEDULE

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

R. MUKESH
[A19CSDC32]

S. NIVAS BAVA
[A19CSDC33]

Under the Guidance of

Dr. S. MUTHUKUMARAN, M.Sc. (IT)., M.Phil., Ph.D.,
(Assistant Professor, P.G. and Research Department of Computer Science)



P. G. AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled

DOCOTR CONSULTANCY SCHEDULE

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

(Affiliated to Thiruvalluvar University-Vellore)

By

R. MUKESH
[A19CSDC32]

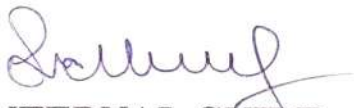
S .NIVAS BAVA
[A19CSDC33]

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

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

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on ---4/06/2022-----

Examiners:

1. ---4/05/2022---

2. ---4/6/22---

POLICE STATION RECORD MAINTENANCE

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF COMPUTER SCIENCE

by

PRABU.G

[A19CSDC34]

PRAVIN.B

[A19CSDC35]

Under the Guidance of

Mrs. J. HEMALATHA, 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 -2022

CERTIFICATE

This is to certify that the Mini Project entitled
POLICE STATION RECORD MAINTENANCE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University-Vellore)

By

G.PRABU

PRAVIN B

[A19CSDC34]

[A19CSDC35]

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.

Hemalatha
INTERNAL GUIDE
J. HEMALATHA, M.Sc., M.Phil.
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
CUDDALORE - 607 001.

Dr. M. HEAD OF THE DEPARTMENT
Head, P.G. & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. *S. S. Praveen*
2. *K. S. Praveen*

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE MENTORING SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R. RAJESH

[A19CSDC36]

N. RAM KUMAR

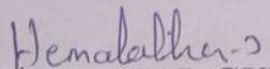
[A19CSDC37]

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

J. HEMALATHA, M.Sc., M.Phil.,

Assistant Professor,

P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore - 607 001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

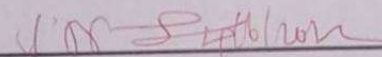
Head, PG and Research Department of Computer Science

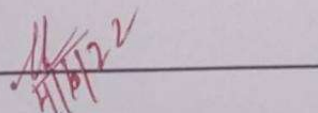
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. 

2. 

E-COMMERCE WEBSITE FOR BESPOKE PRODUCTS

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M .RISHIVARMAN

B .RANJEETHKUMAR

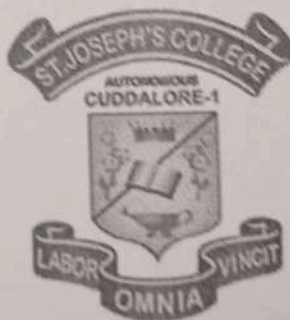
[A19CSDC39]

[A19CSDC38]

Under the Guidance of

Dr.V. SUDHA , M.Sc.(IT), M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
E-COMMERCE WEBSITE FOR BESPOKE PRODUCTS

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

M. RISHIVARMAN
[A19CSDC39]

B. RANJEETHKUMAR
[A19CSDC38]

For the partial fulfillment for the award of degree of
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

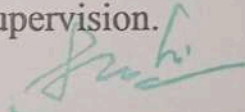
Is a Bonafide record of work carried out by them,

Under my guidance and supervision.



INTERNAL GUIDE

Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.



HEAD OF THE DEPARTMENT

Dr. MARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. P. S. S. 4/6/2022

2. 3/6/22

SK STUDIOS

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

**R.SANTHOSHKUMAR
[A19CSDC40]**

**N.SELVAM
[A19CSDC41]**

Under the Guidance of

**Dr.V.SUDHA.,M.Sc(IT),M.Phil.,Ph.D.,
(Assistant Professor.,P.G. and Research Department of Computer Science)**



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

SK STUDIOS

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R.SANTHOSHKUMAR
[A19CSDC40]

N.SELVAM
[A19CSDC41]

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

Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


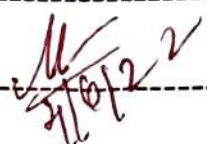


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. 
2. 

ONLINE PET CARE SYSTEM

A Mini-Project Report

Submitted for the partial fulfillment for

The award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

By

K.SOUNDHARAPANDIYAN
[A19CSDC42]

C.STEPHENRAJ
[A19CSDC43]

Under the Guidance of

Mrs.C.Mary Shakkina, MCA. M.Phil.,
(Guest Lecturer, 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-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE PET CARE SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

K.SOUNDHARAPANDIYAN

C.STEPHENRAJ

[A19CSDC42]

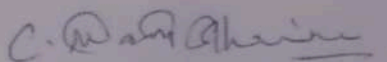
[A19CSDC43]

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


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil., Ph.D.

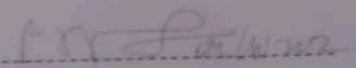
Head, PG and Research Department of Computer Science

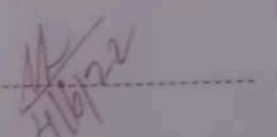
St. Joseph's College of Arts & Science (Autonomous),

Chennai-600 087.

Submitted for the viva-voce examination held on 04.07.2022

Examiners:

1. 

2. 

WEDDING PLANNER SUPPORT SYSTEM
A Mini Project Report
Submitted for the partial fulfillment for
the award of degree of
BACHELOR OF COMPUTER SCIENCE
by

C.SURIYA
[A19CSDC44]

V.THAMIZHSELVAN
[A19CSDC45]

Under the Guidance of
Mrs.C.Mary Shakkina , M.C.A., M.Phil.,
(Guest Lecturer, P.G. and Research Department of Computer Science)



**POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER
SCIENCE**

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

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled

WEDDING PLANNER SUPPORT SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),

Affiliated to Thiruvalluvar University-Vellore.

By

C.SURIYA

V.THAMIZHSELVAN

[A19CSDC44]

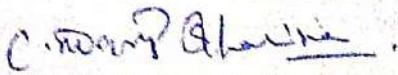
[A19CSDC45]

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, PG AND RESEARCH DEPARTMENT


Head, PG and Research Department of Computer Science

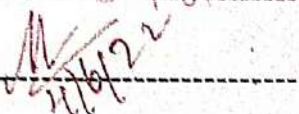
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. 

2. 

GRADUATE CURRICULUM LEARNING FORUM

A Mini Project Report Submitted
for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.VASANTH KUMAR

[A19CSDC46]

S.VIGNESH

[A19CSDC47]

Under the Guidance of

**Mr. D. Vigneshwara Raj, M.C.A. , M.Phil. , SLET, M.B.A. ,
(Assistant Professor, P.G. and Research Department of Computer Science)**



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
GRADUATE CURRICULUM LEARNING FORUM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

S.VASANTH KUMAR

[A19CSDC46]

S.VIGNESH

[A19CSDC47]

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
VIGNESHWARA RAJ .D

Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 1.

HEAD OF THE DEPARTMENT
Dr. M. ARUN, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. *[Signature]* 04/6/2022

2. *[Signature]* 04/6/22

ONLINE VOTING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

By

R.VISHAL

K.YUVARAJ

R.PRAVEEN RAJ

[A19CSDC48]

[A19CSDC49]

[A19CSDC50]

Under the Guidance of

Mr. D.Ranjeeth , Msc(IT)., MBA.,

(Guest Lecturer, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE VOTING SYSTEM

Being submitted to

St.Joseph's College of Arts and Science (Autonomous), Cuddalore-1.

(Affiliated to Thiruvalluvar University – Vellore)

By

R.VISHAL
[A19CSDC48]

K.YUVARAJ
[A19CSDC49]

R.PRAVEEN RAJ
[A19CSDC50]

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


Dr. M. ANAND SELVAM, M.Sc., M.Ed., Ph.D.,
HEAD OF THE DEPARTMENT

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

Submitted for the viva-voice examination held on 04-06-2022

Examiners:

1.  04/06/2022

2.  04/06/2022

CONSTRUCTION COST ESTIMATOR

A Mini Project Report

Submitted for the partial fulfillment for
the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

L. ABILASHA

[A19CSEA01]

S. ADHILAKSHMI

[A19CSEA02]

Under the Guidance of

Dr. M. Arumai Selvam, M.Sc., M.Phil., Ph.D., PGDCA.,

(Principal & Head, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

CONSTRUCTION COST ESTIMATOR

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

L. ABILASHA

S. ADHILAKSHMI

[A19CSEA01]

[A19CSEA02]

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, PG and Research Department of Computer Science
St. Joseph's College, Arts & Science (Autonomous),
Cuddalore-605 001.

HEAD OF THE DEPARTMENT
Dr. M. ANITHA SILVAM, M.A., M.Sc., Ph.D., PGD, PGD,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),

Submitted for the viva-voce examination held on Cuddalore-637 001. 04.06.2022

Examiners:

1. 2.4.1

2. I'm curious

AJIANU CRAFT CORNER

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M. AJITHA

[A19CSEA03]

P. ANUGRACY

[A19CSEA04]

Under the Guidance of

Dr.R.VIDYA M.Sc., B.Ed., M.Phil.,PGDCA.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

June- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

AJIANU CRAFT CORNER

Being submitted to

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

(Affiliated to Thiruvalluvar University - Vellore)

By

M. AJITHA

[A19CSEA03]

P. ANUGRACY

[A19CSEA04]

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



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.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.,
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

Submitted for the viva-voce examination held on 4/06/2022

Examiners:

1. 
2. 

ORGANIC MILLET PORRIDGE SELLING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.ARCHANA

S.ARTHI

[A19CSEA05]

[A19CSEA06]

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

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ORGANIC MILLET PORRIDGE SELLING SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University Vellore)

By

K. ARCHANA

[A19CSEA05]

S. ARTHI

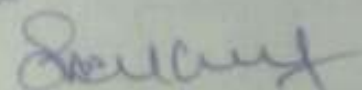
[A19CSEA06]

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.

FOR



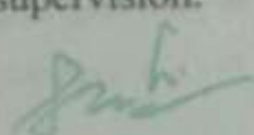
INTERNAL GUIDE

Dr. T. MIRANDHA LAKSHMI, M.Sc., M.Phil., Ph.D.

Associate Professor

Post Graduate and Research Department of Computer Science

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



HEAD OF THE DEPARTMENT

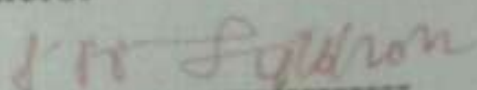
Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. 

2. _____

HORTICULTURE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S.ARUNA

[A19CSEA07]

S.BENAZIR

[A19CSEA08]

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

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled
HORTICULTURE MANAGEMENT SYSTEM
Being submitted to the St. Joseph's College of Arts and Science (Autonomous),
Affiliated to Thiruvalluvar University-Vellore.

By

S.ARUNA

[A19CSEA07]

S.BENAZIR

[A19CSEA08]

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.

for Hemalatha
INTERNAL GUIDE

Dr. T. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D.

Assistant Professor
Department of Computer Science
(Autonomous)

[Signature]
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D.

Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),

Submitted for the viva-voce examination held on 04-06-2022

Examiners:

1. *[Signature]*

2. *[Signature]*

VEGETABLE STORE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

A.BHUVANESWARI

[A19CSEA09]

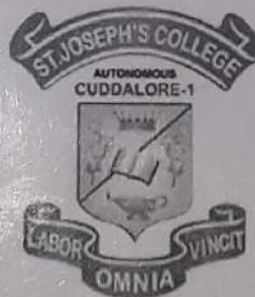
G.DEVIPRABA

[A19CSEA10]

Under the Guidance of

DR.C.Christy M.C.A.,M.Phil.,SET.,PH.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
VEGETABLE STORE MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

A.BHUVANESWARI

G.DEVIPRABA

[A19CSEA09]

[A19CSEA10]

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.

Christy
INTERNAL GUIDE
Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.h.D.,
Assistant Professor
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDBALORE - 607 001.

HEAD OF THE DEPARTMENT

Dr. N. K. SELVAM, M.Sc. (Maths), M.Sc. (Comp. Sci.),
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDBALORE - 607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. *[Signature]*

2. *[Signature]*

ONLINE SWEET STALL MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

By

G.DHARANI
[A19CSEA11]

D.DHIVYA
[A19CSEA12]

Under the Guidance of

Dr.Christy.,M.C.A.,M.Phil.,SET.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE SWEET STALL MANAGEMENT SYSTEM
Being submitted to
St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

G.DHARANI
[A19CSEA11]

D.DHIVYA
[A19CSEA12]

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

Dr. C. CHRISTY, M.C.A., M.Phil., SET, Ph.D.,
Assistant Professor
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

HEAD OF THE DEPARTMENT

PRASHANTH SELVAM, M.Sc.(W&S), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2021

Examiners:

- 1.
- 2.

E-MART BOTTLE CAP SALES 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

M.DHIVYA-A19CSEA13

C.DHIVYA SRI-A19CSEA14

N.DIVYADHARSHINI-A19CSEA15

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)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

(Affiliated to Thiruvalluvar University- Vellore)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini Project entitled

E-MART BOTTLE CAP SALES MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University-Vellore)

By

M.DHIVYA-A19CSEA13

C.DHIVYA SRI-A19CSEA14

N.DIVYADHARSHINI-A19CSEA15

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

Dr. A.R. JOHNSON DURAI, M.C.A., M.Phil., Ph.D.

Assistant Professor,

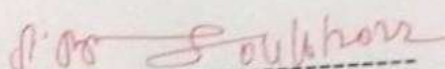
P.G. & Research Dept. of Computer Science,

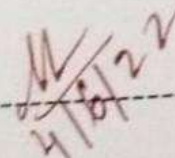
St. Joseph's College of Arts & Science (Autonomous),

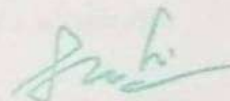
Cuddalore - 607 001.

Submitted for the viva-voice examination held on 4.6.2022

Examiners:

1. 

2. 



HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

4.6.2022

ONLINE PHARMACY AN AYURVEDIC STORE

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

K.HARINI
[A19CSEA17]

R.GOTHARSHINI
[A19CSEA16]

J.JAGA PRIYA
[A19CSEA18]

Under the Guidance of

Mr.A.Arun Benedict,M.Sc.,M.Phil.,

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE PHARMACY AN AYURVEDIC STORE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

K.HARINI
[A19CSEA17]

R.GOTHARSHINI
[A19CSEA16]

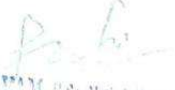
J.JAGA PRIYA
[A19CSEA18]

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
Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore-607 001.


Dr. M. ARUMUGAM, M.Sc., M.A., M.Phil., Ph.D.,
HEAD OF THE DEPARTMENT
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. 
2. 

ONLINE GIFT SHOP

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

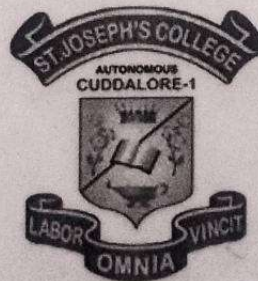
by

J. JOHN ANUSHIYA
[A19CSEA19]

A. KATHIJA BEEVI
[A19CSEA20]

Under the Guidance of

Mr. A. ARUN BENEDICT, M.Sc., M.Phil.,
(Assistant Professor, P.G. and Research Department of Computer Science)



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

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled

ONLINE GIFT SHOP

Being submitted to the St. Joseph's College of Arts and Science (Autonomous)

Affiliated to Thiruvalluvar University-Vellore.

By

J. JOHN ANUSHIYA
[A19CSEA19]

A. KATHIJA BEEVI
[A19CSEA20]

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

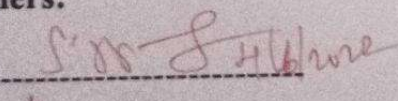
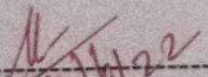
A. ARUNBENEDICT, M.Sc., M.Phil.,
LECTURER,
Department of Computer Science &
St. Joseph's College of Arts & Science
CUDDALORE - 607 001.


HEAD OF THE DEPARTMENT

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

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. 
2. 

ONLINE PETSHOP 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.KAVIYA

N.LILLY

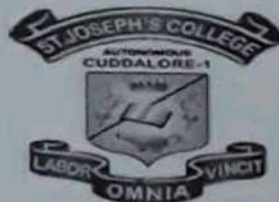
A19CSEA21

A19CSEA22

Under the Guidance of

Dr.J.JAYAPAL M.C.A., D.M.E.,M.Phil.,Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE PETSHOP MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

R.KAVIYA

[A19CSEA21]

L.LILLY

[A19CSEA22]

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.

FOR

INTERNAL GUIDE

P.G. & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)

CUDDALORE - 607 001.

Submitted for the viva-voce examination held on

HEAD OF THE DEPARTMENT

Dr. M. ARUN
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

04/06/22

Examiners:

1.

2.

WEDDING PHOTOGRAPHY RESERVATION

A Mini Project Report

Submitted for the partial fulfillment for

The award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

By

A. MARIA SWETHA

[A19CSEA23]

A.MATHUMITHA

[A19CSEA24]

Under the Guidance of

Dr.J.JAYAPAL M.C.A.,D.M.E., M.PHIL.,PH.D.

(Assistant Professor, P.G. and Research Department of Computer Science)



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

WEDDING PHOTOGRAPHY RESERVATION

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

A. MARIA SWETHA

A.MATHUMITHA

[A19CSEA23]

[A19CSEA24]

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,

FOR

INTERNAL GUIDE

Assistant Professor

P.G. & Research Department of Computer Science

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

CUDDALORE - 607 001.

Submitted for the viva-voce examination held on 04-06-2022

HEAD OF THE DEPARTMENT

0/00

04-06-2022

Examiners:

1. 100 - 50 = 50

2. ~~.....~~

APARTMENT MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M.MUGITHA
[A19CSEA25]

R.NEENA
[A19CSEA26]

Under the Guidance of

Dr.A.VICTORIA ANAND MARY M.C.A.,M.Phil.,B.Ed.,SET.,P.hd.,
(Assistant Professor, P.G. and Research Department of Computer Science)



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
APARTMENT MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

M.MUGITHA
[A19CSEA25]

R.NEENA
[A19CSEA26]

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.

FOR

Lucy

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

Faculty of Engineering and Technology
Department of Computer Science
Shri Jagadgur College of Arts & Science (Autonomous),
Gadag-577 301.

Submitted for the viva-voce examination held on 04.06.22

Examiners:

1. PM 5/16/2022

2. $\sqrt{16} = 4$

ONLINE LAW MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

PANDI PRIYA.S

[A19CSEA28]

NIRMALA JESI.A

[A19CSEA27]

Under the Guidance of

Dr.Victoria Anand Mary.A , M.C.A.,M.Phil.,B.Ed.,SET.,Ph.D.,
(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE LAW MANAGEMENT SYSTEM

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

PANDI PRIYA.S

NIRMALA JESLA

[A19CSEA28]

[A19CSEA27]

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.

FOR



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

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.

Head, PG and Research Department of Computer Science

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

Cuddalore - 607 001.

Examiners:

1.  14/6/2022

2.  14/6/22

ONLINE COFFEE SHOP

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M.POOVIZHI

P.PRABAVATHI

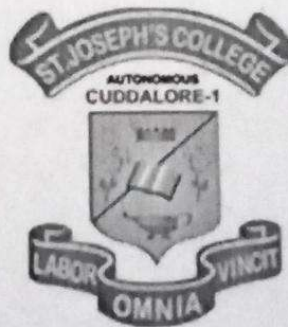
[A19CSEA29]

[A19CSEA30]

Under the Guidance of

Mrs. S. ANTONY JONES M.C.A., M.PHIL., SET

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND

SCIENCE(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled

ONLINE COFFEE SHOP

Being submitted to

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

(Affiliated to Thiruvalluvar University - Vellore)

By

M.POOVIZHI

P.PRABAVATHI

[A19CSEA29]

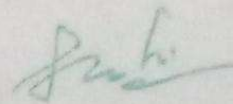
[A19CSEA30]

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. ANTONY JONES, M.C.A., M.Phil.,

Assistant Professor,

P.G. & Research Dept. of Computer Science,

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

Submitted on 04.06.2022

HEAD OF THE DEPARTMENT

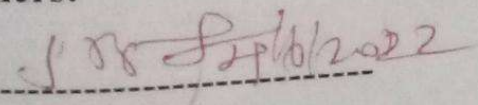
Head, PG and Research Department of Computer Science

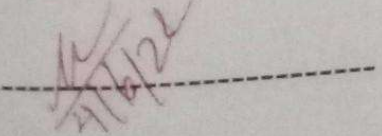
St. Joseph's College of Arts & Science (Autonomous),

Cuddalore-607 001.

04.06.2022

Examiners:

1.  29/6/22

2.  29/6/22

ONLINE FURNITURE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

A.PRATHIBA

P.PREMA

[A19CSEA31]

[A19CSEA32]

Under the Guidance of

Mr.Antony Jones,MCA.,M.PHIL.,SET.

(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE FURNITURE MANAGEMENT SYSTEM
Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore)

By

A.PRATHIBA

P.PREMA

[A19CSEA31]

[A19CSEA32]

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. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore - 607 001



HEAD OF THE DEPARTMENT
Head, PG and Research Department of Computer Science -
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04/06/2022

Examiners:

1. P. R. S. 4/6/2022
2. M. 4/6/22

CLASSIC FASHION

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

A.PRIYA VADHANA

F.RACHAEL ANGEL

[A19CSEA34]

[A19CSEA35]

Under the Guidance of

Dr.S.Muthukumaran M.Sc(IT).,M.Phil., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

CLASSIC FASHION

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

A.PRIYA VADHANA

F.RACHAEL ANGEL

[A19CSEA34]


[A19CSEA35]


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
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
Submitted for the viva-voce examination held on


HEAD OF THE DEPARTMENT
Dr. MANJUNATH SELVAM, M.Sc.(Computer Science),
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001
04/06/2022

Examiners:

1. 

2. 

COMPUTER SPARELESS 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

RAMYA .E

[A19CSEA36]

REGI DENISA.J

[A19CSEA37]

Under the Guidance of

Dr. S. Muthukumaran, M.Sc(IT)., M.Phil.,Ph.D.,

(Assistant Professor, PG and Research Department of Computer Science)



POST GRADUATE AND RESEARCH

DEPARTMENT OF COMPUTER SCIENCE

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

CUDDALORE-607001

JUNE -2022

CERTIFICATE

This is to certify that the Mini Project entitled
COMPUTER SPARELESS SALES & SERVICE SYSTEM

Being submitted to the
St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University, Vellore)

By

RAMYA .E

REGI DENISA.J

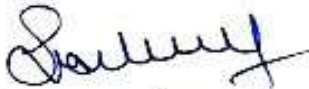
[A19CSEA36]

[A19CSEA37]

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
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
Dr. M. ARUMUGAM, M.Sc. (Maths), M.Sc. (C), M.Phil. (C), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. P. M. S. 14/6/22

2. M. 14/6/22

ATTENDANCE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

V.RESHMIYA

A.ROSHINI BANU

[A19CSEA38]

[A19CSEA39]

Under the Guidance of

J. HEMALATHA, M.Sc(IT), M.Phil.,

(Assistant Professor, P.G. and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ATTENDANCE MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University Vellore)

By

V.RESHMIYA

A.ROSHINI BANU

[A19CSEA38]

[A19CSEA39]

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 J
INTERNAL GUIDE

J. HEMALATHA, M.Sc., M.Phil.,

Assistant Professor,

P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

Dr. M. Arumai Selvam
HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. *Dr. M. Arumai Selvam*

2. *Dr. M. Arumai Selvam*

ONLINE REMEDIAL CLASS MAINTENANCE

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

S. SAMREENUL MUBIN

S. SHAMIRA BANU

[A19CSEA40]

[A19CSEA42]

Under the Guidance of

MRS.J. HEMALATHA M.SC(IT)., M.phil.,

(Assistant Professor, P.G. and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Mini-Project entitled
ONLINE REMEDIAL CLASS MAINTENANCE

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University Vellore)

By

S. SAMREENUL MUBIN

S. SHAMIRA BANU

[A19CSEA40]

[A19CSEA42]

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,

P.G. & Research Dept. of Computer Science,

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

CHIDAMBALORE - 607 001

HEAD OF THE DEPARTMENT

Dr. Arunthathi Selvam
Dr. ARUNTHATHI SELVAM, M.Sc., M.Ed., M.Phil., Ph.D.

Head, PG and Research Department of Computer Science,

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

CHIDAMBALORE - 607 001

Submitted for the viva-voce examination held on 01/06/2022

Credited to: 2022

Examiners:

1. *S. R. S. 4/6/2022*
2. *M. 4/6/22*

DAIRY MANAGEMENT SYSTEM
A Mini Project Report
Submitted for the partial fulfillment for
The Award of Degree of
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

M.SIVA ABIRAMI
[A19CSEA43]

K.SNEHA
[A19CSEA44]

Under the Guidance of

Dr. V. SUDHA., M.Sc.[IT]., M.Phil., Ph.D.,
(Assistant Professor, PG and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

DAIRY MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

M.SIVA ABIRAMI
[A19CSEA43]

K.SNEHA
[A19CSEA44]

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,

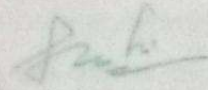
Under my guidance and supervision.

FOR


INTERNAL GUIDE

Assistant Professor

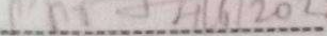
& Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
CUNDALORE - 607 001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cundalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1.  04/06/2022

2.  04/06/22

VICTUALS CARE ORGANIZATION

A Mini Project Report

Submitted for the partial fulfillment for the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

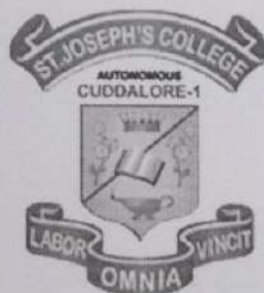
D.SNEKHA
[A19CSEA45]

S.SOWNDHARYA
[A19CSEA46]

Under the Guidance of

Dr.V.Sudha M.Sc(IT)., M.Phil., Ph.D.,

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

VICTUALS CARE ORGANIZATION

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

(Affiliated to Thiruvalluvar University-Vellor)

By

D.SNEKHA

[A19CSEA45]

S.SOWNDHARYA

[A19CSEA46]

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.

*For Sneha
Christy*
INTERNAL GUIDE

Assistant Professor
P.G. & Research Department of Computer Science
St.Joseph's College of Arts & Science (Autonomous)
CUDDALORE - 607 001.

Dr. M. Arumai Selvam
HEAD OF THE DEPARTMENT

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St.Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.06.2022

Examiners:

1. *P. Pr. Sathyan*

2. *M. S. Sathyan*

E-ARTICLE MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

P. S. SUBHASREE
[A19CSEA47]

L. SUBHIKSHA
[A19CSEA48]

Under the Guidance of

Mrs .C .Mary shakkina , M.C.A. ,M.Phil

(Guest Lecturer, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

E-ARTICLE MANAGEMENT SYSTEM

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

P. S. SUBHASREE
[A19CSEA47]

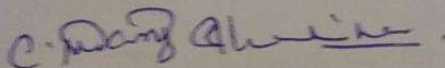
L. SUBHIKSHA
[A19CSEA48]

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.A. & Research Department of Computer Science

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



HEAD OF THE DEPARTMENT

Dr. MANU MAL SELVAM, M.S., M.Phil., M.Ed., Ph.D.

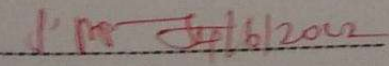
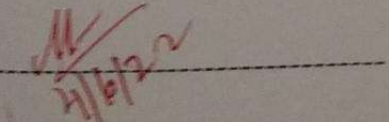
Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination held on 4.6.22

Examiners:

1.  4/6/2022
2.  4/6/22

ONLINE TOYS MANAGEMENT SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

J. SULOMINA

[A19CSEA49]

K. SUVATHI

[A19CSEA50]

Under the Guidance of

Mrs. C. Mary Shakkina, M.C.A., M.Phil.,

(Guest lecturer, P.G. and Research Department of Computer Science)



ST. JOSEPH 'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the Mini Project entitled
ONLINE TOYS MANAGEMENT SYSTEM

Being submitted to the St. Joseph's College of Arts and Science (Autonomous),
Affiliated to Thiruvalluvar University-Vellore.

By

J. SULOMINA

[A19CSEA49]

K. SUVATHI

[A19CSEA50]

For the partial fulfillment for the award of degree of

ONLINE TOYS MANAGEMENT SYSTEM

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)
CIDDALORE - 607 001.

INTERNAL GUIDE

Dr. M. ARUMAI SELVAM, M.Sc. (Maths), M.Sc. (Computer Science)
HEAD OF THE DEPARTMENT

Head, P.G. and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on **04-06-2022**

Examiners:

1. *[Signature]* 14/6/2022
2. *[Signature]* 14/6/2022

TODDLER PEDAGOGIC AND CARE MANAGEMENT

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

I.THULASI
[A19CSEA51]

K. VIJAYA
[A19CSEA52]

Under the Guidance of

Mr. D. VIGNESHWARA RAJ M.C.A., M.Phil.,SLET,M.B.A

(Assistant Professor, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE- 2022

CERTIFICATE

This is to certify that the Mini-Project entitled

TODDLER PEDAGOGIC AND CARE MANAGEMENT

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

I. THULASI
[A19CSEA51]

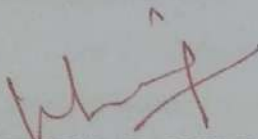
K. VIJAYA
[A19CSEA52]

For the partial fulfillment for the award of degree of

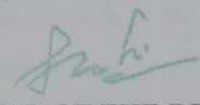
BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by them,

Under my guidance and supervision.


INTERNAL GUIDE

VIGNESHWARA RAJ .D
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore -


HEAD OF THE DEPARTMENT

Dr. M. ANURAGI SELVAM, M.Sc (Maths), M.Sc (CS), M.Phil (CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04-06-2022

Examiners:

1. d'sa 24/6/2022

2. 11/6/22

ONLINE CRIME REPORTING SYSTEM

A Mini Project Report

Submitted for the partial fulfillment for

the award of degree of

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

by

**N.YAAMINI
[A19CSEA53]**

**K.HEMALATHA
[A19CSEA55]**

Under the Guidance of

Mr. D. RANJEETH, M.SC[IT],MBA.,

(Guest Lecturer, P.G. and Research Department of Computer Science)



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

JUNE – 2022

CERTIFICATE

This is to certify that the Mini Project entitled
ONLINE CRIME REPORTING SYSTEM
Being submitted to the St. Joseph's College of Arts and Science (Autonomous),
Affiliated to Thiruvalluvar University-Vellore.

By

N.YAAMINI
[A19CSEA53]

K.HEMALATHA
[A19CSEA55]

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)
CUDDALORE - 607 001.


HEAD OF THE DEPARTMENT

Dr. MARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 04.6.2022

Examiners:

1.  14/6/2022
2.  14/6/2022

WSA-WOMEN'S SHELTER APPLICATION

A Main-Project Report

Submitted for the partial fulfillment for

the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

DHINESHIYA.V

(A20MCS02)

Under the Guidance of

Dr. R. VIDYA., M.Sc., B.Ed., M.Phil., PGDCA., 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

JUNE- 2022

CERTIFICATE

This is to certify that the Main-Project entitled

WSA-WOMEN'S SHELTER APPLICATION

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

DHINESHIYA.V

(A20MCS02)


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


HEAD OF THE DEPARTMENT

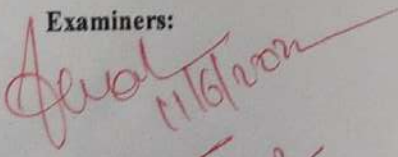
Dr. R.VIDYA, M.Sc., M.Phil., Ph.D.,
Assistant Professor,
PG & Research Dept. of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607001.

Submitted for the viva-voce examination on

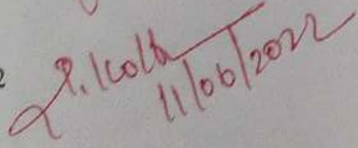
11.06.2022

Examiners:

1.


11/6/2022

2.


11/6/2022

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Ms. DHINESHIYA V (Reg.No. A20MCS02) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "WSA_WOMEN'S SHELTER APPLICATION" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For **Scode Software Solutions**

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

PHOTO STUDIO MANAGEMENT

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

R.DIVYA

(A20MCS03)

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

JUNE- 2022

CERTIFICATE

This is to certify that the Main-Project entitled

PHOTO STUDIO MANAGEMENT

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R.DIVYA

(A20MCS03)

For the partial Fulfillment for the award of degree of

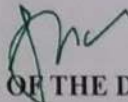
MASTER OF SCIENCE in COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.


INTERNAL GUIDE

Dr. I. MIRANDA LAKSHMI, M.Sc., M.Phil., Ph.D.
Assistant Professor
Post Graduate and Research Department of Computer Science
St. Joseph's College of Arts and Science (Autonomous)
Cuddalore, Tamil Nadu-607 001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11.06.2022

Examiners:

1.

2.

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Ms. DIVYA R (Reg.No. A20MCS03) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "PHOTO STUDIO MANAGEMENT" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

FURNITURE KART

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

D.JEEVA

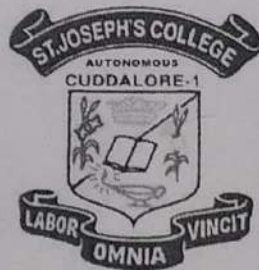
(A20MCS04)

Under the Guidance of

Dr. C. R. CHRISTY., M.C.A., M.Phil., 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

JUNE-2022

CERTIFICATE

This is to certify that the Main-Project entitled

FURNITURE KART

Being submitted to

St. Joseph's College of Arts and Science (Autonomous),
(Affiliated to Thiruvalluvar University – Vellore) By

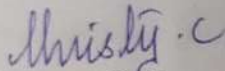
D.JEEVA (A20MCS04)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.



Internal Guide

Dr. C. CHRISTY, M.C.A., M.Phil., SET, P.h.D.,
Assistant Professor

P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.



Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), P.h.D.,
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on _____

Examiners:

1.  11/06/2022

2.  11/06/2022

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Ms. JEEVA D (Reg.No. A20MCS04) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "FURNITURE KART" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

ROWHEE(TAXI USER APP)

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

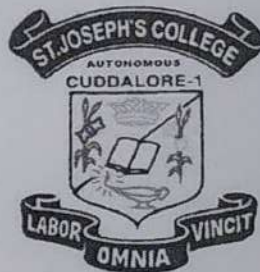
KAVIYA R

(Reg No: A20MCS06)

Under the Guidance of

Mr .A.ARUN BENDICT.,M.Sc., M.Phil.,

(Assistant Professor, Post Graduate and Research Department of Computer Science)



(Post Graduate and Research Department of Computer Science)

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

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE- 607001

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

ROWHEE(TAXI USER APP)

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

KAVIYA R

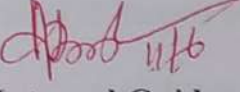
(Reg No: A20MCS06)


For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her.

Under My guidance and supervision.

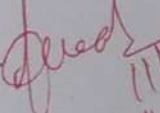
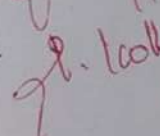

Internal Guide


Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc./M.Phil./M.S.(CS)/M.Phil.(CS)/Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11.06.2022

Examiners:

1.  11/06/2022
2.  14/06/2022

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Ms. KAVIYA R (Reg.No. A20MCS06) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "ROWHEE(TAXI BOOKING APP)" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

E-GRIEVANCE FOR CORPORATION

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

S. MANIKANDAN

(Reg No: A20MCS07)

Under the Guidance of

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,

Assistant Professor,

(Post Graduate and Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

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

(Affiliated to Thiruvalluvar University - Vellore)

CUDDALORE- 607001

JUNE – 2022

CERTIFICATE

This is to certify that the Main-Project entitled
E-GRIEVANCE FOR CORPORATION

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

S. MANIKANDAN

(Reg No: A20MCS07)

For the partial Fulfillment for the award of degree of

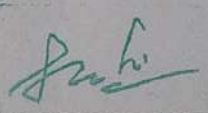
MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.


INTERNAL GUIDE

Dr. J. JAYAPAL, M.C.A., M.Phil., Ph.D.,
Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11.06.2022

Examiners:

1. 
11/06/22
2. 
11/06/2022

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. MANIKANDAN S (Reg.No. A20MCS07) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "E-GRIEVANCE FOR CORPORATION" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For **Scode Software Solutions**

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

ORNAT (NATIVE ORGANICS)

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

K.PAZHANISAMY

(Reg No: A20MCS08)

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

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

ORNAT (NATIVE ORGANICS)

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

K.PAZHANISAMY

(Reg No: A20MCS08)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.

Internal Guide

Dr. A.VICTORIA ANAND MARY M.C.A., M.Phil., B.Ed., SET, Ph.D.,
Assistant Professor
PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore-607001

Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11/06/22

Examiners:

1. 11/06/2022
2. 11/06/2022

Scode Software Solutions



Date: 09.06.2022

INTERNSHIP COMPLETION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. PAZHANISAMY K (Reg.No. A20MCS08) has done an internship in Flutter Application Development at Scode Software Solutions, Cuddalore, from 1st March 2022 to 31st May 2022.

We wish her all the best for her upcoming future.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

GIDEN

A Main Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

By

L.RUBAN WILLIAMS

(A20MCS09)

Under the Guidance of

Mr. S. ANTONY JONES M.C.A., M.Phil., SET.,

(Assistant Professor, P.G and Research Department of Computer Science)



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

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Main-Project entitled

GIDEN

Being submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

(Affiliated to Thiruvalluvar University-Vellore)

By

L.RUBAN WILLIAMS

(A20MCS09)

For the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him.

Under my guidance and supervision.

INTERNAL GUIDE

S. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.

HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), P.
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination 11.06.2022

Examiners:

1.

2.

mail: hr@scodesoft.com
web: www.scodesoft.com

Scode Software Solutions



Date: 09.06.2022

INTERNSHIP COMPLETION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. RUBAN WILLIAMS L (Reg.No. A20MCS09) has done an internship in Flutter Application Development at Scode Software Solutions, Cuddalore, from 1st March 2022 to 31st May 2022.

We wish her all the best for her upcoming future.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

BLIND VISION

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of
MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

M.SHASHINI

(A20MCS10)

Under The Guidance Of

Dr. S. MUTHUKUMARAN M.Sc(IT)., M.Phil.,Ph.D.,

(Assistant Professor, PG & Research Department of Computer Science)



POST GRADUATE AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Main-Project entitled

BLIND VISION

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

Affiliated to Thiruvalluvar University-Vellore

By

M.SHASHINI

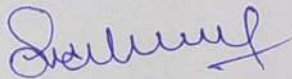
(Register Number: A20MCS10)

For the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

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.

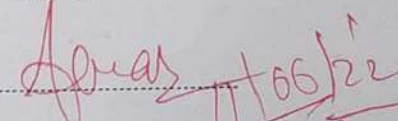
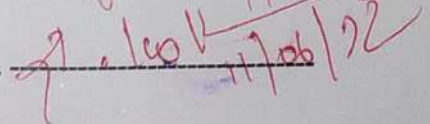


HEAD OF THE DEPARTMENT

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 11.06.22

Examiners:

1.  11/06/22
2.  11/06/22

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Ms. SHASHINI M (Reg.No. A20MCS10) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "BLIND VISION" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

DRYO

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

SINGARAVELAN P

(Reg No: A20MCS11)

Under the Guidance of

Mrs. J. Hemalatha, M.Sc.(IT), M.Phil.,

Assistant Professor, Post Graduate and Research Department of Computer Science



(Post Graduate and Research Department of Computer Science)

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

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE- 607001

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

DRYO

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

SINGARAVELAN P

(Reg No: A20MCS11)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.

Hemalatha
Internal Guide

Assistant Professor
PG & Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 1.

Dr. M. Arumai Selvam
Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11-06-22

Examiners:

1.

2.

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. SINGARAVELAN P (Reg.No. A20MCS11) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "VENDOR FOR DRY CLEANING" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career. For **Scode Software Solutions**

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

FAST YUMMY

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

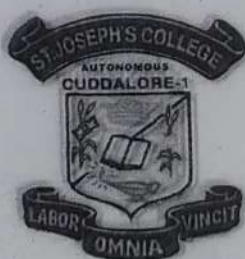
B.SUPRIYA

(Reg No: A20MCS12)

Under the Guidance of

Mrs. J. HEMALATHA MSC(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

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

FAST YUMMY

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

B.SUPRIYA

(Reg No: A20MCS12)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by her,

Under my guidance and supervision.

Demalatha ->
Internal Guide

Assistant Professor

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

Cuddalore - 1.

Submitted for the viva-voce examination on 11.06.2022

[Signature]
Head of the Department

Examiners:

1. *[Signature]* 11/06/2022

2. *[Signature]* 11/06/2022

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that SUPRIYA B (Reg.No. A20MCS12) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "FAST YUMMY" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

BLOOD BANK CENTER MANAGEMENT

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

R.VIJAYALAKSHMI(A20MCS13)

Under the Guidance of

Dr. V. SUDHA M.SC (IT)., M.Phil., Ph.D.,

(Assistant Professor, PG and Research Department of Computer Science)



ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE- 607001

JUNE- 2022

CERTIFICATE

This is to certify that the Main-Project entitled

BLOOD BANK CENTER MANAGEMENT

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R.VIJAYALAKSHMI

(A20MCS13)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

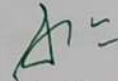
Is a Bonafide record of work carried out by her,

Under my guidance and supervision.



Internal Guide

Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

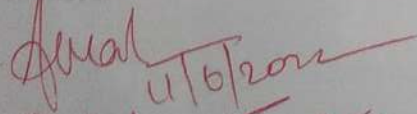
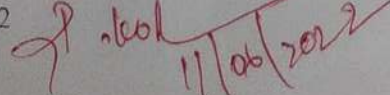


Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11 - 06 - 22

Examiners:

1.  4/6/2022
2.  11/06/2022

mail: hr@scodesoft.com
web: www.scodesoft.com

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that VIJAYALAKSHMI R (Reg.No. A20MCS13) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "BLOOD BANK CENTER MANAGEMENT" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

CASHEW PRODUCTS

A Main-Project Report

Submitted for the partial fulfilment for the award of degree of
MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

SANGAVI.S

(Reg No: A20MCS14)

Under the Guidance of

Dr. V.SUDHA M.Sc(IT)., 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

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

CASHEW PRODUCTS

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

SANGAVI.S

(Reg No: A20MCS14)

For the partial Fulfilment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE


Is a Bonafide record of work carried out by her,

Under My guidance and supervision.


Internal Guide

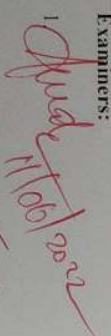

Dr. V. SUDHA BABUKUMAR, M.Sc., M.Phil., Ph.D.,
P.G. & Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

Head of the Department


Dr. M. ARIMATHI SEETHA, M.Sc., M.Phil., Ph.D.,
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination on 11.06.2022

Examiners:

1. 
2. 

Scode Software Solutions



mail: hr@scodesoft.com
web: www.scodesoft.com

Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that SANGAVI S (Reg.No. A20MCS14) a student of M.Sc.(Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "CASHEW PRODUCTS" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA, A

HR Executive

PLAYA'S ARENA

A Main Project Report

Submitted for the partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

By

H ABDUL AZIZ [A20MCS15]

Under the Guidance of

Ms. C. MARY SHAKKINA M.C.A., M.Phil.,

(Guest Lecturer, Post Graduate and Research Department of Computer Science)



PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE

CUDDALORE-607001

JUNE - 2022

CERTIFICATE

This is to certify that the main project entitled

PLAYA'S ARENA

Being Submitted to

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

Cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

H ABDUL AZIZ (A20MCS15)

For the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

a bonafide record of work carried out by him,

Under Our guidance and supervision.

C. Mary Shakkina

INTERNAL GUIDE

C. MARY SHAKKINA, M.C.A, M.Phil.

GUEST LECTURER

*PG and Research Department of
computer science*

[Signature]

HEAD OF THE DEPARTMENT

*D. M. ARUNAL SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.*

Submitted for the viva-voce examination held on 11-06-2022

Examiners:

1. *[Signature]* 11/06/2022

2. *[Signature]* 11/06/2022

mail: hr@scodesoft.com
web: www.scodesoft.com

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. ABDUL AZIZ H (Reg.No. A20MCS15) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "PLAYAS ARENA" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001

MEDICINE INTAKE ALERT MANAGEMENT

A Main Project Report

Submitted for the partial fulfillment for

the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

by

D.BOOPATHY

(A20MCS16)

Under the Guidance of

C.Mary Shakkina, M.C.A,M.Phil.,

(Guest Lecturer, P.G. and Research Department of Computer Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

CUDDALORE-607001

JUNE-2022

CERTIFICATE

This is to certify that the Main-Project entitled

MEDICINE INTAKE ALERT MANAGEMENT

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

by

D.BOOPATHY

For the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him

Under my guidance and supervision.


INTERNAL GUIDE

Assistant Professor

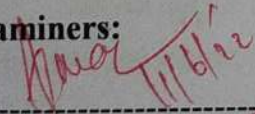
PG and Research Department of Computer Science
St.Joseph's College of Arts & Science (Autonomous)
CUDDALORE - 607 001.


HEAD OF THE DEPARTMENT

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,
Head, PG and Research Department of Computer Science
St.Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

Submitted for the viva-voce examination held on 11.06.2022

Examiners:


1. 11/06/2022
2. 11/06/2022

mail: hr@scodesoft.com
web: www.scodesoft.com

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. BOOPATHY D (Reg.No. A20MCS16) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "MEDICINE INTAKE ALERT MANAGEMENT" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

MY HEALTH TEST

A Main Project Report

Submitted for partial fulfillment for the award of the degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted By

P.VIGNEHWARI

(Reg No: A20MCS17)

Under the Guidance of

Ms. S. ANTONY JONES M.C.A., M.Phil., SET.,

(Asst. Professor, Post Graduate And Research Department of Compute Science)



ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE

CUDDALORE-607001

JUNE – 2022

CERTIFICATE

This is to certified that the main project entitled

MY HEALTH TEST

Being Submitted to

the St. Joseph's College of Arts and Science(Autonomous), cuddalore -1

(Affiliated to Thiruvalluvar University, Vellore)

By

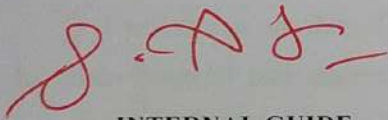
P.VIGNESHWARI (A20MCS17)

For the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

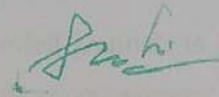
is a Bonafide record of work carried out by her,

Under my guidance and supervision.



INTERNAL GUIDE

S. ANTONY JONES, M.C.A., M.Phil.,
Assistant Professor,
P.G. & Research Dept. of Computer Science,
St. Joseph's College of Arts & Science (Autonomous),
CUDDALORE - 607 001.



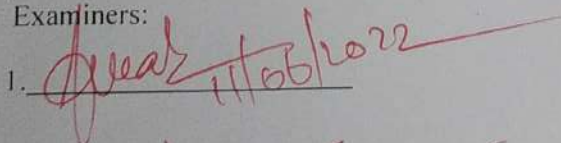
HEAD OF THE DEPARTMENT

Dr.M.ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

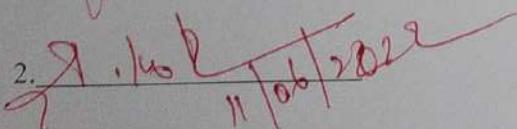
Submitted for the viva-voce examination held on 11.6.2022

Examiners:

1.



2.



Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that VIGNESHWARI P (Reg.No. A20MCS17) a student of M.Sc.,(Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "MY HEALTH TEST" in Flutter Platform from March 2022 to May 2022 in our company. During the period, she had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For Scode Software Solutions

CATHERINE SANGEETHA. A

HR Executive

BAR MAN

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

R.Amrishkanth

(Reg No: A20MCS18)

Under the Guidance of

Mr. D. Ranjeeth M.Sc., MBA.,

Guest Lecturer, (Post Graduate and Research Department of Computer Science)



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

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE- 607001

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

BAR MAN

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

R.Amrishkanth

(Reg No: A20MCS18)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

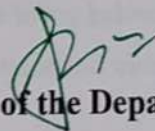
Under My guidance and supervision.



Internal Guide

Assistant Professor

Research Department of Computer Science
& Science (Autonomous)



Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc (Maths), M.Sc (CS), M.Phil (CS), Ph.D.
Head, PG and Research Department of Computer Science
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore-607 001.

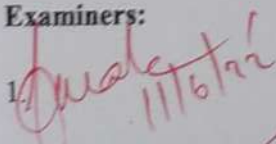
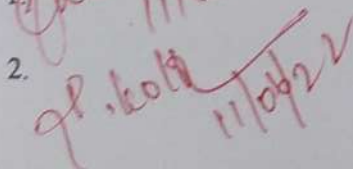
Submitted for the viva-voce examination on

11.06.22

Examiners:

1.

2.


11/6/22

11/6/22

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. AMRISH KANTH R (Reg.No. A20MCS18) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "BAR MAN" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For **Scode Software Solutions**

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

DRYO APP

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

S.HARIPRASATH

(Reg No: A20MCS19)

Under the Guidance of

Mr D. Vigneshwara Raj M.C.A., M.Phil. SLET, M.B.A.,

Assistant Professor, (Post Graduate and Research Department of Computer Science)



(Post Graduate and Research Department of Computer Science)

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

(Affiliated to Thiruvalluvar University-Vellore)

CUDDALORE- 607001

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

DRYO APP

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

S.HARIPRASATH

(Reg No: A20MCS19)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.

Internal Guide

VIGNESHWARA RAJ .D

Assistant Professor

PG & Research Department of Computer Science

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

Submitted for the viva-voce examination on

Cuddalore - 1.

Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

11/6/22

Examiners:

Final
11/6/22
28.10.22
11/04/2022

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. HARIPRASATH S (Reg.No. A20MCS19) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "VENDOR FOR DRY CLEANING" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career. For **Scode Software Solutions**

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

BAR MAN

A Main-Project Report

Submitted for the partial fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Submitted by

S.BALAMURUGAN

(Reg No: A20MCS20)

Under the Guidance of

Mr. D. Vigneshwara Raj M.C.A., M.Phil. SLET, M.B.A.,

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

JUNE -2022

CERTIFICATE

This is to certify that the Main-Project entitled

BAR MAN

Being submitted to

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

(Affiliated to Thiruvalluvar University – Vellore)

By

S.BALAMURUGAN

(Reg No: A20MCS20)

For the partial Fulfillment for the award of degree of

MASTER OF SCIENCE IN COMPUTER SCIENCE

Is a Bonafide record of work carried out by him,

Under My guidance and supervision.


Internal Guide


VIGNESHWARA RAJ .D

Assistant Professor

PG & Research Department of Computer Science

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

Cuddalore - 1.


Head of the Department

Dr. M. ARUMAI SELVAM, M.Sc.(Maths), M.Sc.(CS), M.Phil.(CS), Ph.D.,

Head, PG and Research Department of Computer Science

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

Cuddalore-607 001.

Submitted for the viva-voce examination on 11.06.2022

Examiners:

1. 

2. 

Scode Software Solutions



Date: 09.06.2022

PROJECT COMPLETION CERTIFICATE

This is to certify that Mr. BALAMURUGAN S (Reg.No. A20MCS20) a student of M.Sc., (Computer Science) PG and Research Department of Computer Science, St. Joseph's College of Arts & Science (Autonomous) - Cuddalore has successfully completed the project titled "BAR MAN" in Flutter Platform from March 2022 to May 2022 in our company. During the period, he had been exposed to different processes and found to be Punctual, Hard Working and Inquisitive.

We wish her every success in life and career.

For **Scode Software Solutions**

CATHERINE SANGEETHA. A

HR Executive

CONTACT A REPRESENTATIVE TODAY:

Scode Software Solutions

No.47/17, Second Floor, Sanjeevirayan Koil Street, Pudupalayam, Cuddalore - 607001.

FEMINISM IN MARY WOLLSTONECRAFT'S *A VINDICATION OF THE RIGHTS OF WOMAN*

A PROJECT 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 ARTS IN ENGLISH

Submitted by

A.J. FAHMIDHA SULTHANA

(A19ENEA15)

Under the guidance of

Mrs. IDA JOICEY M.A., M.Phil.,

Asst.Prof., Department of English



PG AND RESEARCH DEPARTMENT OF ENGLISH

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

(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

MAY 2022

FREE WILL AND DETERMINISM IN *MIDDLEMARCH* BY GEORGE ELIOT

A PROJECT 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 ARTS IN ENGLISH

Submitted by

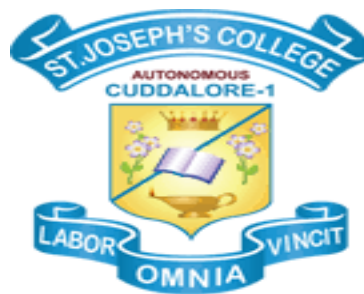
S. ALPHONSA

(A19ENEA04)

Under the guidance of

Mr.V.R. Suresh Kumar, M.A., M.Phil.,

Head & Asst.Prof., Department of English



PG AND RESEARCH DEPARTMENT OF ENGLISH

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

(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

A STUDY OF CULTURAL CRITICISMS WITHIN THOMAS HARDY'S
TESS OF THE D'URBERVILLES
A PROJECT 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 ARTS IN ENGLISH

Submitted by

A. ANGEL

(A19ENEA05)

Under the guidance of

MR. V. R . Suresh Kumar



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

(Affiliated to Thiruvalluvar University, Vellore)

CUDDALORE-607 001

MAY2022

SLAVERY AND TRAUMA IN *TONY MORRISON'S BELOVED*

A PROJECT 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 ARTS IN ENGLISH

Submitted by

B. ASHYA BEGUM

(A19ENEA07)

Under the guidance of

Mr. V.R. Suresh Kumar

Head & Asst.Prof., Department of English



PG AND RESEARCH DEPARTMENT OF ENGLISH

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

(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

MAY 2022

OSCAR WILDE'S AESTHETICISM IN *THE PICTURE OF DORIAN GRAY*

**A PROJECT 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 ARTS IN ENGLISH**

Submitted by

**A.AVECATHERINE
(A19ENEA08)**

Under the guidance of

**MR.V.R.SURESH KUMAR,M.A., M. Phil.,
Head, Assistant Professor., Department of English**



**PG AND RESEARCH DEPARTMENT OF ENGLISH
ST. JOSEPH' COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)
CUDDALORE-607001
MAY 2022**

HANNAH BAKER'S EGOISTIC SUICIDE IN JAY ASHER'S

THIRTEEN REASONS WHY

A PROJECT 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 ARTS IN ENGLISH

Submitted by

B. PRIYA DARSINI

(A19ENEA41)

Under the guidance of

Dr. P. Indhu shakthi, M.A.,B.Ed.,M.Phil.,P.Hd

Asst.Prof., Department of English



PG AND RESEARCH DEPARTMENT OF ENGLISH

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

(AFFILATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)

CUDDALORE-607001

MAY 2022

RACIAL PREJUDICE IN HAPER LEE’S TO KILL A MOCKINGBIRD
A PROJECT 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 THE ARTS IN ENGLISH

SUBMITTED BY

V.SHANTHINI

(A19ENEA52)

under the guidance of

MRS.T.SHALINI M.A.,M.phil.,

Assistant Professor,

PG & Research Department of English



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

(Affiliated to Thiruvalluvar University,Vellore)

CUDDALORE-607001.

APRIL-2022

**A STUDY ON E-RECRUITMENT PRACTICES DURING
PANDEMIC IN CUDDALORE**

**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

Ms. ADLINE MARIYA A (Reg. No: A20MCM01)

**Under the Guidance of DR.L. SANTHANA RAJ M.Com., M.A.,
M.B.A., M.B.M., M.Phil., Ph.D.,
ASSOCIATE PROFESSOR OF COMMERCE**



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

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON E-RECRUITMENT PRACTICES DURING PANDEMIC IN CUDDALORE" is a bonafide record work submitted by ADLINE MARIYA A(Reg. No: A20MCM01) 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 2020 -2022 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. L. SANTHANA RAJ M.Com., M.A., M.B.A., M.B.M., M.Phil., Ph.D.
Associate Professor
PG & Research Dept. of Commerce
St. Joseph's College of Arts & Science
(Autonomous)
Cuddalore - 607 001.



Signature of the External

Dr. Govindarajan
Professor and Head
Department of Commerce
Anna Maria University
Ambattur - 600002.

Place: Cuddalore

Date: 01.07.2022

**A STUDY ON OCCUPATIONAL STRESS AMONG
EMPLOYEES IN PONDICHERRY ALUM AND
CHEMICALS PRIVATE LIMITED, CUDDALORE**

**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
Ms. BHAVANI. R
(Reg. No: A20MCM02)**

**Under the Guidance of
Dr. L. SANTHANA RAJ M.Com., M.A., M.B.M., M.Phil., Ph.D.,
ASSOCIATE PROFESSOR OF COMMERCE**




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


JUNE - 2022


BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON OCCUPATIONAL STRESS AMONG EMPLOYEES IN PONDICHERRY ALUM AND CHEMICALS PRIVATE LIMITED, CUDDALORE" is a bonafide record work submitted by Ms. BHAVANI. R (Reg. No: A20MCM02) 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 2020 – 2022 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. L. SANTHANA RAJ M.Com, B.A., M.B.A., M.Phil, Ph.D.
Associate Professor
PG & Research Dept. of Commerce
St. Joseph's College of Arts & Science
(Autonomous)
Cuddalore - 607 001.


Signature of the External
Dr. K. Govindarajan
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608002

Place: Cuddalore

Date: 30.06.2022

**PERFORMANCE APPRAISAL OF EMPLOYEES IN TENNECO AUTOMOTIVE
INDIA PVT LTD, AT METTUPALAYAM IN PUDUCHERRY**

**A Project Report 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
Master of Commerce**

Submitted by
HEMA .S
(Reg. No: A20MCM04)

Under the Guidance of
DR. I. SAVARIMUTHU, M.Com., M.Phil., M.B.A., Ph.D.,
HEAD OF THE DEPARTMENT
ASSOCIATE PROFESSOR OF COMMERCE



PG AND RESEARCH DEPARTMENT OF COMMERCE
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE – 607001
JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "PERFORMANCE APPRAISAL OF EMPLOYEES IN TENNECO AUTOMOTIVE INDIA PVT LTD, AT METTUPALAYAM IN PUDUCHERRY" is a bonafide record work submitted by **HEMA. S (Reg. No : A20MCM04)** in partial fulfillment of the requirement of Thiruvalluvar University for the award of degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE** during 2020-2022 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. 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. K. GOVINDARAJAN
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608002

Place: Cuddalore

Date: 30/06/2022.

THE INFLUENTIAL FACTORS OF ENTREPRENEURSHIP AMONG
COLLEGE STUDENTS TO BECOME ENTREPRENEURS OF CUDDALORE.

**A Project Report 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
Master of Commerce**

Submitted by

KAVIYA. K (Reg. No: A20MCM05)

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

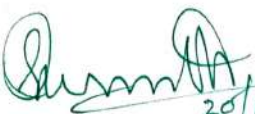
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

CUDDALORE – 607001

JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "THE INFLUENTIAL FACTORS OF ENTREPRENEURSHIP AMONG COLLEGE STUDENTS TO BECOME ENTREPRENEURS OF CUDDALORE". is a bonafide record work submitted by KAVIYA.K (Reg. No : A20MCM05) 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 2020-2022 and that the project work has not been submitted for the award of any other degree.


Signature of the HOD 30/6/22

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: 30.6.2022


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.


Signature of the External

Dr. K. GOVINDARAJAN

Professor & Head

Department of Commerce
Annamalai University
Annamalai Nagar - 608002

**PERCEPTION ON THE IMPACT OF ARTIFICIAL INTELLIGENCE
ON E-LEARNING AMONG THE HIGHER EDUCATION STUDENTS
OF TAMIL NADU**

**A Project Report 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
Master of Commerce**

Submitted by
LILLY .A
(Reg. No: A20MCM06)

**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**

JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "PERCEPTION ON THE IMPACT OF ARTIFICIAL INTELLIGENCE ON E-LEARNING AMONG THE HIGHER EDUCATION STUDENTS OF TAMIL NADU" is a bonafide record work submitted by LILLY. A (Reg. No : A20MCM06) 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 2020-2022 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),
Manjakkuppam, Cuddalore - 607 001.



Signature of the External

Dr. K. Govindarajan
Professor & Head
Department of Commerce,
Annamalai University,
Annamalai Nagar - 608002.

Place: Cuddalore

Date: 30-06-2022

**EXPLORING MENTAL HEALTH AND EMOTIONAL INTELLIGENCE
AMONG COLLEGE STUDENTS IN CUDDALORE DISTRICT**

**A Project Report 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
Master of Commerce**

***Submitted by*
MAHALAKSHMI.J
(Reg. No: A20MCM07)**

**Under the Guidance of
DR. S. BABY MOTCHARAKKINI, M.Com., B.Ed., 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

JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "EXPLORING MENTAL HEALTH AND EMOTIONAL INTELLIGENCE AMONG COLLEGE STUDENTS IN CUDDALOARE DISTRICT" is a bonafide record work submitted by MAHALAKSHMI.J (Reg. No : A20MCM07) in partial fulfillment of the requirement of for the award of degree of MASTER OF COMMERCE in ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE during 2020-2022 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. S. BABY MOTCHARAKKINI, M.Com., B.Ed., M.Phil., Ph.D.

Assistant Professor

PG and Research Department of Commerce

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

Cuddalore - 607 001.



Signature of the External

Dr. K. Govindarajan.

Professor & Head

Department of Commerce.

Annamalai University.

Annamalai Nagar - 608002

Place: Cuddalore

Date: 30 - 06 - 2022

**INFLUENCE OF SOCIAL MEDIA ADVERTISEMENT ON
CONSUMER BUYING DECISION IN CUDDALORE TOWN**

**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

Ms.B. NIVETHA

(Reg. No: A20MCM08)

**Under the Guidance of Dr.BABY MOTCHARAKKINI M.Com.,
B.Ed., M.Phil., Ph.D., ASSISTANT PROFESSOR OF COMMERCE**



PG & RESEARCH DEPARTMENT OF COMMERCE

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

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "INFLUENCE OF SOCIAL MEDIA ADVERTISEMENT ON CONSUMER BUYING DECISION IN CUDDALORE TOWN" is a bonafide record work submitted by NIVETHA.B (Reg. No : A20MCM08) 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 2020-2022 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.

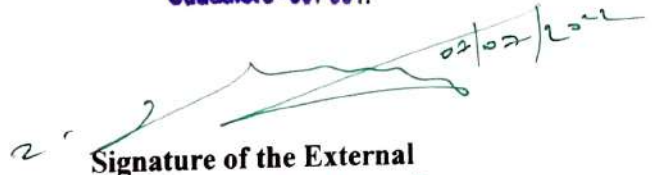
Place: Cuddalore

Date: 30-06-2022



Signature of the Guide

Dr. S. BABY MOTCHARAKANNI, M.Com., B.Ed., M.Phil., Ph.D.
Assistant Professor
PG and Research Department of Commerce
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.



Signature of the External

Dr. K. Govindarajan
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608002

**A STUDY ON SERVICE QUALITY AND CUSTOMER
SATISFACTION IN TELECOM SERVICE
PROVIDERS IN CUDDALORE**

**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
Ms. PRASANNA DEVI BAI. V
(Reg. No: A20MCM10)**

**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.**

JUNE - 2022

BONAFIDE CERTIFICATE


This is to certify that the project entitled **“A STUDY ON SERVICE QUALITY AND CUSTOMER SATISFACTION IN TELECOM SERVICE PROVIDERS IN CUDDALORE”** is a bonafide record work submitted by **Ms. PRASANNA DEVI BAI. V (Reg. No: A20MCM10)** 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 2020 – 2022 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: 30/6/2022.


Signature of the Guide
Dr. P. JAMES MARY, M.A., M.Com., SLET, Ph.D.
Asst. Professor
PG & Research Department of Commerce
St. Joseph's College of Arts and
Science (Autonomous)
Cuddalore - 607 001.


Signature of the External

Dr. K. Govindarajan
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608002

**IMPACT OF COVID-19 ON BUYING BEHAVIOUR OF
CONSUMERS IN ONLINE FOOD DELIVERY WITH
REFERENCE TO SWIGGY IN CUDDALORE**

**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
Ms. K. PRIYANKA
(Reg. No: A20MCM11)**

**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.**

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"IMPACT OF COVID-19 ON BUYING BEHAVIOUR OF CONSUMERS IN ONLINE FOOD DELIVERY WITH REFERENCE TO SWIGGY IN CUDDALORE"** is a bonafide record work submitted by **Ms. K. PRIYANKA (Reg. No: A20MCM11)** 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 2020 – 2022 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, 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 Guide

Dr. P. JAMESNARY M.A., M.Com., SLET., Ph.D.
Asst. Professor
PG & Research Department of Commerce
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

Signature of the External

Dr. K. Govindarajan

Professor & Head

Department of Commerce

Annamalai University

Annamalai Nagar - 608 002

Place: Cuddalore

Date: 30.6.2022

**A STUDY ON QUALITY OF WORK LIFE BALANCES
AMONG EMPLOYEES IN NIKITA CONTAINERS
PRIVATE LIMITED, PUDUCHERRY**

**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
Ms. S. RUVINS GREATA
(Reg. No: A20MCM12)**

**Under the Guidance of
Dr. R. KRISHNA KUMAR M.Com., M.Phil., MBA., Ph.D., PGDFM., SET.,
ASSOCIATE PROFESSOR OF COMMERCE**




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


JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON QUALITY OF WORK LIFE BALANCES AMONG EMPLOYEES IN NIKITA CONTAINERS PRIVATE LIMITED, PUDUCHERRY" is a bonafide record work submitted by Ms. S. RUVINS GREATA (Reg. No: A20MCM12) 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 2020 – 2022 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. R. KRISHNAKUMAR,
M.Com., M.Phil., M.B.A., PGDFM., SET., Ph.D.,
Associate Professor & Research Advisor,
PG & Research Department of Commerce,
Joseph's College of Arts and Science (Autonomous),
Cuddalore (T.N.) - 607001, India.


Signature of the External

Dr. K. Govindarajan
Professor & Head
Department of Commerce
Annamalai University.
Annamalai Nagar - 608002

Place: Cuddalore

Date: 30.6.2022

**INFLUENCE ON WORK FROM HOME AMONG THE EMPLOYEES
TOWARDS WORK-LIFE BALANCE IN IT SECTOR WITH SPECIAL
REFERENCE TO CUDDALORE**

**A Project Report Submitted to
St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1
In Partial fulfillment of the required for the award of the degree of
Master of Commerce**

**Submitted By
SOBITHA.S
(Reg. No: A20MCM13)**

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



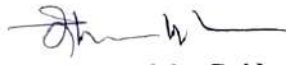
**PG & RESEARCH DEPARTMENT OF COMMERCE
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE-607001
JUNE-2022**

BONAFIDE CERTIFICATE

This is to certify that the project entitled "INFLUENCE ON WORK FROM HOME AMONG THE EMPLOYEES TOWARDS WORK-LIFE BALANCE IN IT SECTOR WITH SPECIAL REFERENCE TO CUDDALORE" is a bonafide record work submitted by SOBITHA.S (Reg.No: A20MCM13) is 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 2022-2022 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. R. KRISHNAKUMAR,
M.Com., M.Phil., M.B.A., PGDFM., SET., Ph.D.,
Associate Professor & Research Advisor,
PG & Research Department of Commerce,
St. Joseph's College of Arts and Science (Autonomous),
Cuddalore - 607 001.


Signature of the External

Dr. K. GIOVINDARAJAN
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608002.

Place: Cuddalore

Date: 30.6.2022

**A STUDY ON EFFECTIVENESS OF THE INDUCTION
PROGRAMME AT NIKITA CONTAINERS PRIVATE
LIMITED, PUDUCHERRY**

**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
Ms. VAISHALI. P
(Reg. No: A20MCM14)**

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



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

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON EFFECTIVENESS OF THE INDUCTION PROGRAMME AT NIKITA CONTAINERS PRIVATE LIMITED, PUDUCHERRY" is a bonafide record work submitted by Ms. VAISHALI. P (Reg. No: A20MCM14) 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 2020 – 2022 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: 30/06/2022

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 External

Dr. K. GIOVINDARAJAN
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608 002.

**A STUDY ON INDUSTRIAL RELATIONSHIP
MANAGEMENT IN NIKITA CONTAINERS PRIVATE
LIMITED, PUDUCHERRY**

**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
Ms. VASANTHI. J
(Reg. No: A20MCM15)**

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



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

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON INDUSTRIAL RELATIONSHIP MANAGEMENT IN NIKITA CONTAINERS PRIVATE LIMITED, PUDUCHERRY" is a bonafide record work submitted by Ms. VASANTHI. J (Reg. No: A20MCM15) 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 2020 - 2022 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.F.A, M.Phil, 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: 30.06.2022


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 External

Dr. K. GOVINDARAJAN

Professor & Head

Department of Commerce
Annamalai University
Annamalai Nagar - 608002

**EMPLOYEE MOTIVATION AND WORK PERFORMANCE
WITH REFERENCE TO NIKITA CONTAINERS PVT. LTD,
PUDUCHERRY.**

**A Project Report 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
Master of Commerce**

***Submitted by*
M.VETRIVEL
(Reg. No: A20MCM16)**

**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
JUNE – 2022**

BONAFIDE CERTIFICATE

This is to certify that the project entitled **EMPLOYEE MOTIVATION AND WORK PERFORMANCE WITH REFERENCE TO NIKITA CONTAINERS PVT. LTD, PUDUCHERRY** is a bonafide record work submitted by **M.VETRIVEL (Reg. No : A20MCM16)** 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 2020-2022 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

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 External

Dr. K. GOVINDARAJAN

Professor & Head

Department of Commerce

Annamalai University

Annamalai Nagar - 608 002.

Place: Cuddalore

Date: 20/06/2022.

**A STUDY ON EFFECTIVENESS OF SALES
PROMOTIONAL ACTIVITIES WITH REFERENCE TO
BESCAL STEEL INDUSTRY IN CHENNAI**

**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
Mr. VIGNESH. P
(Reg. No: A20MCM17)**

**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.**

JUNE - 2022

BONAFIDE CERTIFICATE


This is to certify that the project entitled "A STUDY ON EFFECTIVENESS OF SALES PROMOTIONAL ACTIVITIES WITH REFERENCE TO BESCAL STEEL INDUSTRY IN CHENNAI" is a bonafide record work submitted by Mr. VIGNESH. P (Reg. No: A20MCM17) 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 2020 – 2022 and that the project work has not been submitted for the award of any other degree.


Signature of the HOD

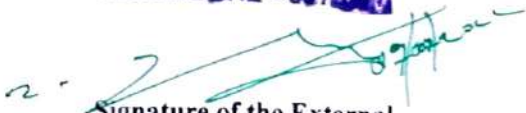
Dr. I. SAVARIMUTHU
M.Com., M.B.A., M.Phil., M.Ed., Ph.D.
Associate Professor & Head
PG & Research Department of Commerce
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore (T.N.) - 607001, India.

Place: Cuddalore

Date: 01-07-2022


Signature of the Guide

Dr. ALBERT RAVI, 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. K. GOVINDARAJAN
Professor & Head
Department of Commerce
Annamalai University
Annamalai Nagar - 608002

**A CONSUMER AWARENESS STUDY TOWARDS PURCHASING ORGANIC
PRODUCTS IN CUDDALORE TOWN**

A project report submitted to
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE.

(Affiliated to Thiruvalluvar University, Vellore)

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

MASTER OF COMMERCE

SUBMITTED BY,

R. PAVITHRAA

Reg. No: A20MCM18

Under The Guidance of

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

Assistant Professor in Commerce




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

JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A CONSUMER AWARENESS STUDY TOWARDS PURCHASING ORGANIC PRODUCTS IN CUDDALORE TOWN" is a bonafide record work submitted by **Ms. R. PAVITHRAA (A20MCM18)** in partial fulfilment of the requirement Thiruvalluvar University for the award of the degree of **MASTER OF COMMERCE** at **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1**. During 2020-2022 and that the project work has not been submitted for the award of any other degree.


30/06/22
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


23/6/22
Signature of the Guide

Dr. P. ARUL PRASAD,
M.Com, M.Phil, MBA, Ph.D.
ASSISTANT PROFESSOR
PG & RESEARCH DEPARTMENT OF COMMERCE,
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),
CUDDALORE - 607 001

Place : Cuddalore.

Date : 30/06/22


7/7/22
Signature of the External

Dr. T.R. ANANDHI

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

ASSOCIATE PROFESSOR COMMERCE
THEIVANAI AMMAL COLLEGE FOR
WOMEN (A)
VILLUPURAM

IMPACT OF SALES PROMOTION ON CONSUMER BUYING BEHAVIOUR – WITH REFERENCE TO FIPOLA PVT.LTD

A Project Report 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
Master of Commerce**

Submitted by

**M.ANTONY MADHAN
(Reg. No: A20MCM19)**

Under the Guidance of

**DR. P.ARUL PRASAD, M.Com., M.Phil., B.Ed., 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

JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled **IMPACT OF SALES PROMOTION ON CONSUMER BUYING BEHAVIOUR – WITH REFERENCE TO FIPOLA PVT.LTD** is a bonafide record work submitted by **M.ANTONY MADHAN (Reg. No : A20MCM19)** 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 2020-2022 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. ARUL PRASAD,
M.Com., M.Phil., MBA, Ph.D.
ASSISTANT PROFESSOR
PG & RESEARCH DEPARTMENT OF COMMERCE,
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS),
CUDDALORE - 607 001


Signature of the External

Place: Cuddalore

Date: 01.07.2022

**A STUDY ON CHALLENGES FACED BY WOMEN ENTREPRENEURS
IN CUDDALORE DISTRICT**

A Project Report 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
Master of Commerce

Submitted by
JAYANTHI M
(Reg. No: A20MCM20)

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

JUNE – 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON CHALLENGES FACED BY WOMEN ENTREPRENEURS IN CUDDALORE DISTRICT" is a bonafide record work submitted by JAYANTHI. M (Reg. No : A20MCM20) 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 2020-2022 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: 20.6.2022


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. T.R. ANANDHI

M.Com., M.Phil., B.Ed., NET

M.B.A., Ph.D.

ASSOCIATE PROFESSOR COMMERCE
THEIVANAI ANNAL COLLEGE

THE ATTITUDE OF EDUCATED YOUTH TOWARDS ENTREPRENEURSHIP IN PUDUCHERRY: A STUDY

**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
BOBY T CHACKO
(Reg. No: A20MCM21)**

**Under the Guidance of
Dr. I. SAVARIMUTHU M.Com., M.Phil., MBA., M.Ed., Ph.D.,
ASSOCIATE PROFESSOR & HEAD OF THE DEPARTMENT**



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

JUNE - 2022

BONAFIDE CERTIFICATE


This is to certify that the project entitled **"THE ATTITUDE OF EDUCATED YOUTH TOWARDS ENTREPRENEURSHIP IN PUDUCHERRY: A STUDY"** is a bonafide record work submitted by **BOBY T CHACKO (Reg. No: A20MCM21)** 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 2020 – 2022 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. 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. T.R. ANANDHI
M. Com, M.Phil., B.Ed, NET,
M.B.A, Ph.D
ASSOCIATE PROFESSOR
COMMERCE
THEIVANAI AMMAL COLLEGE
FOR WOMEN (A)
VILLUPURAM

Place: Cuddalore

Date: 30/6/2022

**A STUDY ON STRESS MANAGEMENT IN IT SECTOR
WITH REFERENCE TO CHENNAI**

**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
Ms. PREETHA. S. P
(Reg. No: A20MCM22)**

**Under the Guidance of
Dr. F. ANDREWS M.Com., M.Com(BIM)., M.Phil., Ph.D.,
ASSISTANT PROFESSOR OF COMMERCE**



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

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON STRESS MANAGEMENT IN IT SECTOR WITH REFERENCE TO CHENNAI" is a bonafide record work submitted by **Ms. PREETHA. S. P** (Reg. No: A20MCM22) 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 2020 – 2022 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. 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. T. R. ANANDHI
M.Com., M.Phil., B.Ed., NET,
M.B.A., Ph.D.
ASSOCIATE PROFESSOR
COMMERCE
THEIVANAI AMMAL COLLEGE
FOR WOMEN (A)
VILLUPURAM

Place: Cuddalore

Date: 30.06.2022

**A STUDY ON THE IMPACT OF SOCIAL MEDIA ON
PURCHASING BEHAVIOUR OF CONSUMER WITH SPECIAL
REFERENCE TO CUDDALORE TOWN**

A project report submitted to
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE.

(Affiliated to Thiruvalluvar University, Vellore)

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

MASTER OF COMMERCE

SUBMITTED BY,

M.YUVARAJ

Reg. No: A20MCM23

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)
CUDDLORE – 607001

BONAFIDE CERTIFICATE


This is to certify that the project entitled "A STUDY ON THE IMPACT OF SOCIAL MEDIA ON PURCHASE BEHAVIOUR OF CONSUMER WITH SPECIAL REFERENCE TO CUDDALORE TOWN" is a bonafide record work submitted by Mr. M. YUVARAJ (A20MCM23) in partial fulfilment of the requirement for the award of the degree of MASTER OF COMMERCE at ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE-1. During 2020-2022 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.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 : 30-06-2022


Signature of the Guide
Mr. D. PRABAKARAN,
M.Com., B.Ed., M.Phil., NET.
Assistant Professor
PG & Research Department of Commerce,
St. Joseph's College of Arts &
Science (Autonomous),
CUDDALORE - 607 001.


Signature of the External

Dr. T.R. ANANDHI
M. Com, MPhil, B.Ed, NET, MBA
Ph.D
ASSOCIATE PROFESSOR
COMMERCE
THEIVANAI ANNAL COLLEGE
FOR WOMEN (A)
VILLUPURAM

**A STUDY ON JOB SATISFACTION OF EMPLOYEES IN RAJAGANAPATHY
BOARD MILLS VADAMANGALAM**

**A Project Report 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
Master of Commerce**

***Submitted by*
SANTHIYALAKSHMI. V
(Reg. No: A20MCM24)**

**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**

JUNE – 2022

BONAFIDE CERTIFICATE


This is to certify that the project entitled "A STUDY ON JOB SATISFACTION OF EMPLOYEES IN RAJAGANAPATHY BOARD MILLS VADAMANGALAM" is a bonafide record work submitted by **SANTHIYALAKSHMI. V** (Reg. No : A20MCM24) 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 2020-2022 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: 30/6/2022


Signature of the Guide

Mr. D. PRABAKARAN,
M.Com., B.Ed., M.Phil., NET
Assistant Professor
PG & Research Department of Commerce,
St. Joseph's College of Arts &
Science (Autonomous),
CUDDALORE - 607 001.


Signature of the External

DR. T.R. ANANDHI
M.Com., M.Phil., B.Ed., NET,
MBA, Ph.D
ASSOCIATE PROFESSOR COMMERCE
THEIVANAI AMMAL COLLEGE
FOR WOMEN(A)
VILLUPURAM

**A STUDY ON TRAINING AND DEVELOPMENT AMONG THE
EMPLOYEES WITH SPECIAL REFERENCE TO TRISTAR
FORMULATION PVT. LTD. METTUPALAYAM, PUDUCHERRY.**

A Project Report Submitted to

St. Joseph's College of Arts and Science (Autonomous), Cuddalore-1

In Partial fulfillment of the required for the award of the degree of

Master of Commerce

Submitted By

NARESH . E

(Reg. No: A20MCM25)

Under the Guidance of

Dr. A. RADHAKRISHNAN, M.Com., M.Phil., B.Ed., Ph.D., PGDCM., SLET

ASSISTANT PROFESSOR OF COMMERCE



PG & RESEARCH DEPARTMENT OF COMMERCE

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

CUDDALORE-607 001.

JUNE-2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON TRAINING AND DEVELOPMENT AMONG THE EMPLOYEES WITH SPECIAL REFERENCE TO TRISTAR FORMULATION PVT. LTD. METTUPALAYAM, PUDUCHERRY" is a bonafide record work submitted by NARESH . E (Reg. No: A20MCM25) 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 2020-2022 and that the project work has not been submitted for the award of any other degree.


Signature of the HOD 07/07/22.

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: 01-01-2022


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.


Signature of the External

Dr. T.R. ANANDHI
M.Com., M.Phil., B.Ed., NET, MBA
Ph.D
ASSOCIATE PROFESSOR COMMERCE
THEIVANAI ANNAL COLLEGE
FOR WOMEN (A)
VILLUPURAM

**FINANCIAL PERFORMANCE IN TRISTAR FORMULATIONS PVT LTD,
METTUPALAYAM, PUDUCHERRY**

**A Project Report 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
Master of Commerce**

Submitted by
THULASITHASAN .R
(Reg. No: A20MCM26)

**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**

JUNE – 2022

BONAFIDE CERTIFICATE

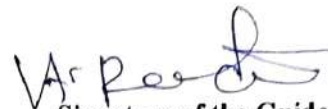
This is to certify that the project entitled **FINANCIAL PERFORMANCE IN TRISTAR FORMULATIONS PVT LTD, METTUPALAYAM, PUDUCHERRY** is a bonafide record work submitted by **THULASITHASAN .R** (Reg. No : A20MCM26) in partial fulfillment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) CUDDALORE** during 2020-2022 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: 30-06-2022


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.


Signature of the External

Dr. T. R. ANANDHI
M.COM, M.Phil, B.Ed, NET, MBA,
Ph.D
ASSOCIATE PROFESSOR COMMERCE
THEIVANAI AMMAL COLLEGE
FOR WOMEN (A)
VILLUPURAM

**IMPACT OF SOCIAL MEDIA ON ONLINE SHOPPING FOR MOBILE PHONE
IN PUDUCHERRY REGION**

**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

MR.R. SAKTHI@MUTHARASAN

(Reg. No: A20MCM27)

Under the Guidance of

**MR.P. BENJAMIN ROZARIO M.Com., M.Phil., M.H.R.M., MBA., SET., Ph.D.,
ASSISTANT PROFESSOROF COMMERCE**



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


JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project titled "IMPACT OF SOCIAL MEDIA ON ONLINE SHOPPING FOR MOBILE IN PUDUCHERRY REGION" is a bonafide record work submitted by SAKTHI@MUTHARASAN.R (Reg. No: A20MCM27) 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 2020 –2022 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. BENJAMIN ROZARIO,
M.Com., M.Phil., M.H.R.M., MBA., SET., Ph.D.,
Assistant Professor in Commerce,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


Signature of the External

Place: Cuddalore

Date: 01/07/2022

**EFFECTIVENESS OF EMPLOYEES SAFETY MEASURES
IN ROYAL PLAASTIC INDUSTRY IN PUDUCHERRY**

**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
Mr. RAJESH. A
(Reg. No: A20MCM28)**

**Under the Guidance of
Dr. P. BENJAMIN ROZARIO M.Com., M.Phil., M.H.R.M., MBA., SET., Ph.D.,
ASSISTANT PROFESSOR OF COMMERCE**



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

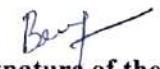
JUNE - 2022

BONAFIDE CERTIFICATE


This is to certify that the project entitled "EFFECTIVENESS OF EMPLOYEES SAFETY MEASURES IN ROYAL PLAASTIC INDUSTRY IN PUDUCHERRY" is a bonafide record work submitted by Mr. RAJESH. A (Reg. No: A20MCM28) 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 2020 - 2022 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

Mr. P. BENJAMIN ROZARIO,
M.Com., M.Phil., M.H.R.M., MBA, SET,
Assistant Professor in Commerce,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


Signature of the External

Dr. T.R. ANANDHI

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

ASSOCIATE PROFESSOR COMMERCE

THEIVANAI AMMAL COLLEGE
FOR WOMEN (A)

VILLUPURAM

Place: Cuddalore

Date: 30/06/2022

**A STUDY ON RETENTION STRATEGIES THROUGH
TALENT MANAGEMENT IN PONDICHERRY ALUM AND
CHEMICALS PRIVATE LIMITED, CUDDALORE**

**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
Ms. K. DIVYA PRIYA
(Reg. No: A20MCM29)**

**Under the Guidance of
Dr. M. JOHN BOSCO M.Com., M.Phil., Ph.D.,
ASSISTANT PROFESSOR OF COMMERCE**



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

JUNE - 2022

BONAFIDE CERTIFICATE

This is to certify that the project entitled "A STUDY ON RETENTION STRATEGIES THROUGH TALENT MANAGEMENT IN PONDICHERRY ALUM AND CHEMICALS PRIVATE LIMITED, CUDDALORE" is a bonafide record work submitted by Ms. K. DIVYA PRIYA (Reg. No: A20MCM29) 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 2020 – 2022 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, 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.

Place: Cuddalore

Date: 30.06.2022


Signature of the Guide

Dr. M. JOHN BOSCO, M.Com, M.Phil, Ph.D.
Assistant Professor in Commerce,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


Signature of the External

Dr. T.R. ANANDHI
M. COM, M.Phil, B.Ed, NET,
MBA, Ph.D,
ASSOCIATE PROFESSOR
COMMERCE
THEIVANDI ANIMAL COLLEGE
FOR WOMEN (A)
VILLUPURAM

**A STUDY ON EFFECTIVENESS OF E-HRM PRACTICES
IN ORGANISATION WITH REFERENCE TO SOLARA
ACTIVE PHARMA SCIENCES LIMITED, CUDDALORE**

**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
Ms. FATHIMA MARY. M
(Reg. No: A20MCM30)**

**Under the Guidance of
Dr. M. JOHN BOSCO M.Com., M.Phil., Ph.D.,
ASSISTANT PROFESSOR OF COMMERCE**



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

JUNE - 2022

BONAFIDE CERTIFICATE

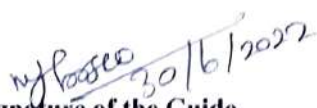
This is to certify that the project entitled "A STUDY ON EFFECTIVENESS OF E-HRM PRACTICES IN ORGANISATION WITH REFERENCE TO SOLARA ACTIVE PHARMA SCIENCES LIMITED, CUDDALORE" is a bonafide record work submitted by **Ms. FATHIMA MARY. M** (Reg. No: A20MCM30) in partial fulfillment of the requirement for the award of the degree of **MASTER OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during 2020 – 2022 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.) - 607 001.

Place: Cuddalore

Date: 30.06.2022


Signature of the Guide

Dr. M. JOHN BOSCO., M.Com, M.Phil, Ph.D.,
Assistant Professor in Commerce,
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


Signature of the External

Dr. T.R. ANANDHI
M. Com, M. Phil, B. ed. NET,
MBA, Ph.D.
Associate professor Commerce
Theivanai Ammal College for
Women (A)
Villupuram

ANALYSIS OF THE MOST SUITABLE SCHOOL USING FUZZY SETS IN DECISION MAKING

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

C.CHRISTINA SHINY RACHEL

(A20MMT13)

Under the Guidance of

Dr. A. VENKATESAN, M.Sc., M.Phil., B.Ed., SET., Ph.D.,

Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
(Affiliated to Thiruvalluvar University)
CUDDALORE – 607 001
JUNE - 2022

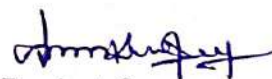
CERTIFICATE

This is to certify that the project on "ANALYSIS OF THE MOST SUITABLE SCHOOL USING FUZZY SETS IN DECISION MAKING" is a bonafide record of work done by **C.CHIRSTINA SHINY RACHEL (A20MMT13)**, 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 MATHEMATICS**.



Head of the Department

Dr. J. JON AROCKIARAJ 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.



Project Supervisor

Dr. A. Venkatesan

Place: *Cuddalore*

Date: *14.06.2022*

Examiners:

1. *R. V. Srinivasan* 14/6/22
2. *S. S. Srinivasan* 14/6/22

C.CHIRSTINA SHINY RACHIEL

(A20MMT13),

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

Cuddalore – 607 001.

DECLARATION

I hereby the state that the project entitled "ANALYSIS OF THE MOST SUITABLE SCHOOL USING FUZZY SETS IN DECISION MAKING" submitted by me for the award of the degree of MASTER OF SCIENCE MATHEMATICS (2020-2022) is my original work and that it has not been previously formed the basis of any Degree, Diploma, Associate ship, Fellowship or any similar titles.

C. Christina shiny rachiel

Signature of the candidate

Countersigned by:

Dr. A. Venkatesan

Dr. A.VENKATESAN, M.Sc., M.Phil., B.Ed., SET., Ph.D.,

Assistant Professor,

PG & Research Department of Mathematics.

St. Joseph's college of Arts and Science (Autonomous). Cuddalore-
607 001.

Place: *Cuddalore*

Date: *14.06.2022*

ACKNOWLEDGEMENT

I take this opportunity to express my thanks to the Almighty, from the depth of my heart who has been the unfailing source of strength, comfort and inspiration in the implementation of this dissertation work.

I grab this opportunity to thank **Rev. Fr. G. Peter Rajendiram, M.A., M.Sc., M.Ed., M.Phil., Secretary, St. Joseph's College of Arts & Science (Autonomous), Cuddalore** for giving me an opportunity for submitting this work.

I would like to express my deep sense of gratitude to **Dr. M. Arumai Selvam M.Sc. (Maths), M.Sc. (CS), M.Phil. (CS), Ph.D., PGDCSA., Principal, St. Joseph's College of Arts & Science (Autonomous), Cuddalore** for his support throughout the dissertation.

I would like to express my deep sincere thanks and gratitude **Dr. J.Jon Arokiaraj, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D., Vice Principal and the Head of the Department, PG and Research, Department of Mathematics** for his encouragement and valuable suggestion to improve this dissertation work.

I thank my dissertation supervisor **Dr. A.VENKATESAN, M.Sc., M.Phil., B.Ed., SET., Ph.D., Assistant Professor, PG and Research Department of Mathematics** for providing me the necessary guidance, kind suggestion, tireless corrections, and fruitful discussion which helped me to work enthusiastically under such a wonderful and resourceful person. The knowledge I gained from his will definitely influence me in the rest of my research life.

I offer my salute to thank all the **Faculty Members** of PG and Research Department of Mathematics, having extended their valuable help from time to time throughout the duration of this work.

Finally, my heartfelt and sincere thanks to my Family, Friends who always been a source of inspiration, love, confidence and endurance during this dissertation work.

**C.CHRISTINA SHINY RACHEL
(A20MMT13)**

Abstract

Chapter I, provides introduction to fuzzy set theory, history of fuzzy set theory, evolution of fuzzy set theory, basic definitions, basic fuzzy set operations such as union, intersection and complement. It also discusses about the fuzzy rules

Chapter II, has general discussion about decision making and the steps involved in decision making. It also explains about the aspects of decision making and how fuzzy sets can be applied in a decision making problem.

Chapter III, provides explanation about fuzzy soft sets, definitions of fuzzy soft sets, generalized fuzzy soft sets, choice value approach, weighted choice value and fuzzy soft set based decision making

Chapter IV, demonstrates an analysis about choosing the most suitable school using fuzzy sets in decision making. I have also included the references followed by the conclusion of this project.

CONTENT

PAGE NO

CHAPTER - I

INTRODUCTION TO FUZZY SET THEORY

1.1	Introduction	1
1.2	History of Fuzzy set theory	2
1.3	Evolution of Fuzzy Set Theory	3
1.4	Basic Definitions	4
1.5	Basic Fuzzy set operations	5
1.6	Fuzzy Rules	6

CHAPTER – II

DECISION MAKING

2.1	Introduction	8
2.2	General Discussion	9
2.3	Steps for Decision Making	9
2.4	Aspects of Decision Making Process	10
2.5	Application of Fuzzy Sets in Decision Making	12

CHAPTER – III

SOFT SET THEORY

3.1	Introduction	14
3.2	Definitions of Fuzzy soft sets	15
3.3	Generalised Fuzzy Soft sets	16
3.4	Fuzzy Soft Set Based Decision-Making	17

CHAPTER – IV

ANALYSIS OF THE MOST SUITABLE SCHOOL USING FUZZY SETS IN DECISION MAKING

4.1	Introduction	19
4.2	Analysis of the most suitable school	20
4.3	Result	25

CHAPTER – V

Conclusion	26
References	27

CHAPTER - I

INTRODUCTION TO FUZZY SET THEORY

1.1 Introduction

Fuzzy sets are sets whose constituents have degrees of membership in general mathematics. Lotfi A. Zadeh was the first to propose fuzzy sets as an extension of the standard notion of set in 1965. Simultaneously, Safii (1965) defined an L-relation, a more broad type of structure that he examined in an abstract algebraic framework. L-relations, which are increasingly widely used in fuzzy mathematics and have applications in linguistics, decision-making, and clustering, are special examples of fuzzy relations, which are special cases of L-relations when L is the unit interval $[0, 1]$.

Fuzzy Logic is appropriate for Very Complex Models, Judgemental Reasoning, Decision Making, and Precision Requirements. The vast majority of our traditional tools for formal modelling, reasoning, and computing are crisp, deterministic, and precise. Crisp denotes dichotomous, or yes-or-no type, as opposed to more-or-less type. For example, in conventional dual logic, a proposition can be either true or false, with no in between. An element in set theory can either belong to a set or not; in optimization, a solution can be viable or not. Precision assumes that a model's parameters correspond to the real-world system being modelled. This, in general, indicates that the model is unambiguous, that is, that there are no ambiguities in it. The term "certainty" refers to our belief that the model's structures and parameters are thoroughly known, with no doubts about their values or occurrence.

Unfortunately, these assumptions and beliefs are unfounded if the model is to truly represent reality (which is neither crisp nor certain). Furthermore, a thorough description of a genuine system would frequently necessitate considerably more specific data than a human person could ever perceive, analyse, and comprehend at the same time. This problem has been observed in the past by philosophers. 'All classical logic constantly implies that accurate symbols are being utilised,' remarked philosopher B. Russell in 1923, referring to the first argument. As a result, it is only applicable to an imagined celestial existence and not to current terrestrial life.'

'As the complexity of a system increases, our ability to make precise and yet significant statements about its behaviour diminishes until a threshold is reached beyond which precision and significance (or relevance) become almost mutually exclusive characteristics,' wrote L. Zadeh, referring to the second point. Probability theory and statistics have long been the leading theories and techniques for modelling reality's uncertainties. They are predicated on specific axiomatic assumptions, which are rarely checked when these theories are applied to reality, as are all formal theories. In the interim, more than 20 different 'uncertainty theories' have emerged, some of which contradict and others of which complement each other. Informally, fuzzy set theory is one of these theories, which was designed as an extension of dual logic and/or classical set theory. It has been evolving in the direction of a powerful 'fuzzy' mathematics during the previous few decades. When it's employed as a tool to better model reality than traditional ideas, however, empirical validation is essential.

1.2 History of fuzzy set theory

To better comprehend the character and rationale of this theory, a brief historical review may be helpful. Zadeh and Goguen's earliest papers in fuzzy set theory reveal the authors' goal to broaden the traditional notion of a set and a proposition to accept fuzziness in the sense that it is contained in human language, that is, in human judgement, evaluation, and decisions. 'The concept of a fuzzy set provides a convenient point of departure for the construction of a conceptual framework that parallels in many ways the framework used in the case of ordinary sets, but is more general and, potentially, may prove to have a much broader scope of applicability, particularly in the fields of pattern classification and information processing,' writes Zadeh.

Essentially, such a framework provides a natural means of dealing with problems where the cause of imprecision is the lack of finely defined class membership requirements rather than the presence of random variables'. 'Imprecision' is used here to refer to ambiguity rather than a lack of understanding about a parameter's value (as in tolerance analysis). Fuzzy set theory is a mathematical framework that allows for the exact and rigorous study of ambiguous conceptual phenomena. It's also a modelling language, well-suited to scenarios involving ambiguous relationships, criteria, and phenomena. In the 1960s and 1970s of the previous century, adoption of this notion rose slowly. However, in the second half of the 1970s, the first successful practical applications of fuzzy rule based systems in the control of technical processes, known as fuzzy control (heating systems, cement factories, and so on), sparked a

surge of interest in this field. In the 1980s, successful applications in washing machines, video cameras, cranes, subway trains, and other areas sparked increased interest in study, resulting in around 4000 papers in 1984 and more than 30,000 in 2000. In general, fuzzy set theory has evolved in two directions during the previous few decades:

1. As a formal theory that grew in sophistication and specificity over time, expanding on original ideas and notions as well as 'encompassing' classical mathematical domains like algebra, graph theory, topology, and so on by generalising or 'fuzzifying' them. This process is still in progress.
2. As an application-oriented 'fuzzy technology,' that is, a tool for modelling, problem solving, and data mining that has been shown to be superior to existing methods in many circumstances and to be an appealing 'add-on' to traditional approaches in others.

The three fields of fuzzy set theory, neural nets, and evolutionary computing (genetic algorithms) came together in three simultaneous conferences in Europe, Japan, and the United States in 1992, and are now known as 'computational intelligence.' In a similar vein, the term 'soft computing' refers to a variety of methods for dealing with uncertainty and imprecision.

1.3 Evolution of Fuzzy Set Theory

One of the many fundamental shifts in Science and Mathematics in this century is the concept of uncertainty. The transition from a traditional understanding of uncertainty to a modern concept of uncertainty began in the late 1800s. The foundational work by Lofti A. Zadeh, published in 1965, was a watershed moment in the creation of the contemporary idea of uncertainty. In this study, he developed the concept of a fuzzy set, which is a set having ambiguous bounds. It is a matter of degree, not affirmation or denial, that determines membership in a fuzzy collection. We can describe imprecise concepts in normal language as meaningful ones thanks to fuzzy set theory.

For example, we cannot argue that a day is sunny if the cloud cover is zero percent. Furthermore, the cloud cover of 100 percent does not indicate that it is sunny. Some intermediate states should be accepted. Can we conclude that 26 percent of cloud cover is not sunny if we define sunny as 25 percent or less cloud cover? This is unacceptable because a 1% rise will have little effect on the Sun's temperature. The membership value is provided to help

with the difficulties of defining nebulous ideas. As a result, a fuzzy set is defined as a set in which each member is represented by a membership grade.

This grade indicates how closely the individual resembles or is compatible with the concept represented by the fuzzy set. As a result, based on larger or smaller membership grades, each member in the fuzzy set may belong to it to a greater or lesser extent. These grades are represented by real numbers ranging from 0 to 1 in a closed interval. In the example above, the idea of sunny assigns a membership value of 1 to a cloud cover of 0%, 0.8 to a cloud cover of 20%, 0.4 to a cloud cover of 30%, and 0 to a cloud cover of 75%. The degree to which each percentage of cloud covers the approximate subjective concept of sunny is shown by these ratings. If all of the members of a fuzzy set have full membership (1) and full non-membership (0) values, the fuzzy set is transformed into a crisp (Ordinary) set. As a result, crisp set is a special instance of fuzzy set. The value of a crisp set is either 0 or 1. The value between 0 and 1 is defined as a fuzzy set, which includes both 0 and 1.

For example, to answer the question "Is the mango ripe?"

The answer for the crisp set will either be true(ripe) or false(unripe). The membership grade value may be 1 or 0. The answer for the fuzzy set will be one of these five choices – They are fully ripe, moderately ripe, slightly ripe, very slightly ripe, unripe. The membership grade may take the value in $[0,1]$

1.4 Basic Definitions

Definition 1.4.1

Each Membership Function of the Fuzzy set maps the element of a given universal set X , which is always a crisp set, into real numbers in $[0,1]$. Thus a Fuzzy set is Defined as $\tilde{A} = \{(x, \mu_{\tilde{A}}(x)) / \mu_{\tilde{A}}(x) \in [0,1]\}$

Definition 1.4.2

A set of ordered pairs is composed of the elements and corresponding degrees of membership to this set.

Definition 1.4.3

An extension of a classical notion of a set whose elements have degrees of membership.

Definition 1.4.4

A set whose elements have degrees of membership rather than full membership or non-membership as in a conventional crisp set. A fuzzy set has no sharp boundary.

Definition 1.4.5

A fuzzy set is a set without a crisp, clearly defined boundary. It can contain elements with only a partial degree of membership.

1.5 Basic Fuzzy Set Operation

Given X to be the universe of discourse and \tilde{A} and \tilde{B} be fuzzy sets with $\mu_A(x)$ and $\mu_B(x)$ are their respective membership function, the fuzzy set operations are as follows:

UNION:

$$\mu_{A \cup B}(x) = \max(\mu_A(x), \mu_B(x))$$

INTERSECTION:

$$\mu_{A \cap B}(x) = \min(\mu_A(x), \mu_B(x))$$

COMPLEMENT:

$$\mu_{\tilde{A}}(x) = 1 - \mu_A(x)$$

EXAMPLE:

$$A = \{(x_1, 0.5), (x_2, 0.7), (x_3, 0)\}$$

$$B = \{(x_1, 0.8), (x_2, 0.2), (x_3, 1)\}$$

Union:

$$A \cup B = \{(x_1, 0.8), (x_2, 0.7), (x_3, 1)\}$$

$$\mu_{A \cup B}(x_1) = \max(\mu_A(x_1), \mu_B(x_1))$$

$$= \max(0.5, 0.8)$$

$$= 0.8$$

$$\mu_{A \cup B}(x_2) = 0.7 \text{ and } \mu_{A \cup B}(x_3) = 1$$

Intersection:

$$A \cap B = \{(x_1, 0.5), (x_2, 0.2), (x_3, 0)\}$$

$$\mu_{(A \cap B)}(x_1) = \min(\mu_A(x_1), \mu_B(x_1))$$

$$= \min(0.5, 0.8)$$

$$= 0.5$$

$$\mu_{(A \cap B)}(x_2) = 0.2 \text{ and } \mu_{(A \cap B)}(x_3) = 0$$

Complement:

$$A^c = \{(x_1, 0.5), (x_2, 0.3), (x_3, 1)\}$$

$$\mu_{A^c}(x_1) = 1 - \mu_A(x_1)$$

$$= 1 - 0.5$$

$$= 0.5$$

$$\mu_{A^c}(x_2) = 0.3 \text{ and } \mu_{A^c}(x_3) = 1$$

1.6 Fuzzy Rules

Lotfi Zadeh's second most notable study was released in 1973. Zadeh proposed capturing human knowledge in fuzzy rules in this study, which provided a new method to the analysis of complex systems.

A fuzzy rule generally assumes the form

R: If x is A, then y is B

The linguistic values A and B are specified by fuzzy sets on discourse universes X and Y, respectively. A "fuzzy implication" or fuzzy conditional statement is another name for the rule..

"x is A" is referred to as the "antecedent," while "y is B" is referred to as the "consequence" or "conclusion." It usually expresses an inference in which we can infer, or deduce, another fact termed a conclusion if we know a fact or a hypothesis (antecedent) (consequent).

To model and analyse a system, we first use fuzzy if-then rules, first we have to formalize what is meant by the expression:

R: If x is A then y is B

which is sometimes abbreviated as

R: $A \rightarrow B$

The expression essentially describes a relationship between two variables, x and y. A fuzzy rule, then, can be described as a binary relation R on the product space $X \times Y$.

Examples, of such a rule, are

- If pressure is high, then the volume is small.
- If the road is slippery, then driving is dangerous.
- If the fruit is ripe, then it is soft.

CHAPTER – II

DECISION MAKING

2.1 Introduction

The beginning of Decision-Making, as a subject of study, can be traced, presumably, to the late 18th century, when various studies were made in France regarding methods of election and social choice. Since these initial studies, Decision-Making has evolved into a respectable and rich field of study. The current literature on decision-making, based largely on theories and methods developed in this century, is enormous. Making decision is, undoubtedly, one of the most fundamental activities of human beings. We all are faced in our daily life with varieties of alternative actions available to us and, at least in some instances, we have to decide which of the available actions is to be taken. Decision-Making is an integral part of management planning, organizing, controlling and motivation processes. The decision makers select one strategy over others depending on some criteria like utility, sales, cost or rate of return. The specific combination of goals is not entirely depending on the decision maker, that is, the value system is usually modified by other interested groups like stockholders, employers, unions, creditors, government etc.

Identifying a decision, acquiring information, and evaluating possible remedies are all steps in the decision-making process. By collecting important information and identifying options, a step-by-step decision-making process can assist you in making more careful, considered decisions. In psychology, decision-making (also written decision-making and decision-making) is the cognitive process that leads to the selection of a belief or a plan of action from a set of alternatives.

The Oxford Advanced Learner's Dictionary defines decision making as "the process of choosing about anything important, especially in a group of individuals or in an organisation," according to the Oxford Advanced Learner's Dictionary. "Decision-making" is defined by Trewatha and Newport as "the selection of a plan of action from among two or more feasible alternatives in order to arrive at a solution for a given problem." A wise decision-maker selects behaviours that benefit both themselves and others. They approach the decision-making process with an open mind, refusing to be swayed by their personal biases. They make sensible selections after investigating options and weighing the pros and disadvantages.

2.2 General Discussion

The subject of decision making is, as the name suggests, the study of how decisions are actually made and how they can be made better or more successfully. The field is concerned, in general, with both descriptive theories and normative theories.

Much of the attention in developing the topic has been on management, where the decision-making process is critical for activities like inventory control, investment, personnel actions, new product creation, and resource allocation, among others. Decision making, on the other hand, is generally defined to cover any option or selection of alternatives and is thus important in a wide range of fields, including both "soft" social sciences and "hard" natural sciences and engineering disciplines.

2.3 Steps for Decision Making

STEP 1: Identify the decision

You realize that you need to make a decision. Try to clearly define the nature of the decision you must make. This first step is very important.

STEP 2: Gather relevant information

Collect some pertinent information before you make your decision: what information is needed, the best sources of information, and how to get it. This step involves both internal and external "work." Some information is internal: you'll seek it through a process of self-assessment. Other information is external: you'll find it online, in books, from other people, and from other sources.

STEP 3: Identify the alternatives

As you collect information, you will probably identify several possible paths of action, or alternatives. You can also use your imagination and additional information to construct new alternatives. In this step, you will list all possible and desirable alternatives.

STEP 4: Weigh the evidence

Draw on your information and emotions to imagine what it would be like if you carried out each of the alternatives to the end. Evaluate whether the need identified in Step 1 would be met or resolved through the use of each alternative. As you go through this difficult internal

process, you'll begin to favor certain alternatives: those that seem to have a higher potential for reaching your goal. Finally, place the alternatives in a priority order, based upon your own value system.

STEP 5: Choose among alternatives

Once you have weighed all the evidence, you are ready to select the alternative that seems to be best one for you. You may even choose a combination of alternatives. Your choice in Step 5 may very likely be the same or similar to the alternative you placed at the top of your list at the end of Step 4.

STEP 6: Take action

You're now ready to take some positive action by beginning to implement the alternative you chose in Step 5.

STEP 7: Review your decision and its consequences

In this final step, consider the results of your decision and evaluate whether or not it has resolved the need you identified in Step 1. If the decision has *not* met the identified need, you may want to repeat certain steps of the process to make a new decision. For example, you might want to gather more detailed or somewhat different information or explore additional alternatives.

2.4 Aspects of decision making process

One of the application of the theory of decision is to determine some optimal strategies where a decision is faced with different decision alternatives and an uncertain pattern of next events. For example, a manufacturer of a new product which will be launched (or will be used in different build) can think to manufacture a wide number of pieces of the product if the consumer acceptance and consequently demand for the product intent to increase. Withal, the producer would like to produce a small number of pieces if the market requirement for that product are going to be low. Unfortunately, the launching of a certain product which will use the product discussed require to the producer to create a production quantity decision before the demand is actually know. The new acceptance of actual consumer for a certain product will not be determined until the items have been placed in the stores and the consumers have had the opportunity to purchase them. The selection of the best production volume decision from among several production volume alternatives when the decision Filter is faced with the

uncertainty of future demand is a problem for the theory of decision. The theory of decision commences with the assumption that regardless of the type of decision involved, all the Decision making process problems have certain common characteristics which are briefly enumerated below:

The filter of decision. This refers to individual or a group of individuals responsible for making the choice of an appropriate course of action amongst the available course of action. Courses of Action: The courses of action or strategies are the acts that are available to the decision Filter. The Decision Analysis involves a selection among two or more courses of action and the problem is to choose the best of these variants, as a final purpose to achieve an objective. Many different people have taken a decision about the similar situation and then trade potential cognitive interference aimed at improving decision making process outcomes.

Some the commonly argued cognitive biases are selective search for evidence; premature stops of search for evidence; inertia; selective perception; wishful thinking or optimism bias; choice supportive bias; Recency; repetition bias; anchoring and adjustment; source credibility bias; incremental Decision making process; attribution symmetry; role fulfillment; underestimating uncertainty and the illusion of control. Nowadays, in our fields as business or industry, we need rational decision making process. If we have to define a decision, we can use a simple one, an if-then action or the selection from two or more courses of action. Decision making process can be regarded as a consequence of mental processes that are fundamental cognitive in nature leading to the selection of a course of action among several alternatives.

Every decision making process causes a final selection. The result can be an action or an view of choice. Decision making process is vital for all categories of problems which may be either long-range or short-range in nature; or the problem may be at relatively high or low level managerial responsibility. The inherent analysis in the theory of decision is a discipline providing various tools for modeling different decision situations in view of explaining them or prescribing actions increasing the coherence between the possibilities offered by the situation, and goals and values systems of agents involved. Decision making process for human performance represented a topic of active research from several point of views. From a psychological point of view, it is necessary to examine individual decisions in the context of preferences and needs that an individual had and values he looking for. From a cognitive point of view, the decision making process process must be regarded as a continuous process

integrated in the interaction with the environment. From a normative point of view, the analysis of individual decisions is thoughtful with the logic of decision making process and rationality and the invariant choice. At another level, it might be regarded as a problem solving activity which is finished when a satisfactory solution is set out. Therefore, decision making process is a reasoning or emotional process which can be rational or irrational, for the main based on explicit hypothesis or tacit hypothesis.

2.5 Application of fuzzy sets in decision making

Application of fuzzy sets within the field of decision-making, for the most part, consisted of fuzzifications of the classical theories of decision-making. While decision-making under conditions of risk have been modeled by probabilistic decision theories and game theories. Fuzzy decision theories attempt to deal with the vagueness and non-specificity inherent in human formulation of preferences, constraints and goals. In this investigation I have overviewed the applications of fuzzy set theory to the main classes of decision-making problems. Classical decision-making generally deals with a set of alternative states of nature (outcomes, results), a set of alternative actions that are available to the decision maker, a relation indicating the state or outcome to be expected from each alternative action and finally a utility or objective function which orders the outcomes according to their desirability. A decision is said to be made under conditions of certainty when the outcome for each action can be determined and ordered precisely. In this case the alternative that leads to the outcome yielding the highest utility is chosen. That is, the decision-making problem becomes an optimization problem, the problem of maximizing the utility function. A decision is made under conditions of risk, on the other hand, when the only available knowledge concerning the outcomes consists of their conditional probability distributions, one for each action. In this case, the decision-making problem becomes an optimization problem of maximizing the expected utility. When probabilities of the outcomes are not known, or may not even be relevant, and outcomes for each action are characterized only approximately, we say that decisions are made under uncertainty.

In 1961, the British Economist Shackle characterized that decision-making under uncertainty is perhaps the most important category of decision-making problems. This is the prime domain for fuzzy decision-making. One of the most famous applications of fuzzy logic is that of the Sendai Subway system in Sendai, Japan. This control of the Nanboku line, developed by Hitachi, used a fuzzy controller to run the train all day long. This made the line

one of the smoothest running subway systems in the world and increased efficiency as well as stopping time. This is also an example of the earlier acceptance of fuzzy logic in the east since the subway went into operation in 1988. Fuzzy logic also finds applications in many other systems. For example, the MASSIVE 3D animation system for generating crowds uses fuzzy logic for artificial intelligence. This program was used extensively in the making of the Lord of the Rings trilogy as well as The Lion, The Witch and the Wardrobe films. As a final example of fuzzy logic, it can be used in areas other than simply control. Fuzzy logic can be used in any decision making process such as signal processing or data analysis. An example of this is a fuzzy logic system that analyzes a power system and diagnoses any harmonic disturbance issues. The system analyzes the fundamental voltage, as well as third, fifth and seventh harmonics as well as the temperature to determine if there is cause for concern in the operation of the system. Construction engineering and management research has seen significant growth in fuzzy logic applications to solve numerous problems. Fuzzy logic has been used to model subjective uncertainty in construction and address the lack of comprehensive data sets available for modeling. In the construction domain, fuzzy logic has been combined with other techniques, such as simulation, genetic algorithms, and artificial neural networks to create hybrid systems.

CHAPTER – III

FUZZY SOFT SET THEORY

3.1 Introduction

Many people have taken notice of Molodtsov's development of soft set theory, which is valuable in dealing with unclear data. It is advantageous to utilise because of the data parameterization form. The vast majority of our traditional tools for formal modelling, reasoning, and computing are crisp, deterministic, and precise. However, many complex problems in economics, engineering, the environment, social science, medical science, and other fields contain data that isn't necessarily clean. Because of the numerous sorts of uncertainty prevalent in these challenges, we cannot always apply traditional procedures. Theory of probability, theory of fuzzy sets, theory of intuitionistic fuzzy sets, theory of vague sets, theory of interval mathematics, and theory of rough sets are examples of key existent ideas that can be used to deal with uncertainty. However, as pointed out in, each of these hypotheses has its own set of problems. The insufficiency of the parametrization tool of the theories may be the cause of these challenges, and as a result, Molodtsov introduced the notion of soft set theory in 1999 as a new mathematical tool for dealing with uncertainties or vagueness that is free of the aforementioned difficulties.

Soft set theory has a wide range of applications in fields such as economics, engineering, medical research, and others, some of which Molodtsov demonstrated in his pioneering work. Soft sets, also known as (binary, basic, elementary) neighbourhood systems, are a subset of context-dependent fuzzy sets, according to Thiele. Soft set theory applications in various fields and real-world situations are gaining traction. Maji presented the first practical application of soft sets in decision-making difficulties in the year 2002. It is based on the rough set theory concept of reduction knowledge. With the help of Pawlak's rough mathematics, we demonstrate another application of soft sets in a decision-making problem for real estate marketing, and propose an algorithm to determine the ideal choice of an object. For a choice problem, the algorithm employed less parameters to select the best object. Soft set theory's features and applications are currently being studied at a quick pace, and it is already being employed by researchers in a variety of ways. Maji established the notion of fuzzy soft as a generalisation of the usual concept of soft sets and applied it to decision-making problems.

Many scholars have now expanded and used this theory to a variety of decision-making challenges.

3.2 Definitions of Fuzzy Soft set

Definition 3.2.1

Let U be an initial universal set and let E be a set of parameters. Let $P(U)$ denote the power set of U . A pair (F, E) is called a soft set over U iff F is a mapping given by $F: E \rightarrow P(U)$. In other words, the soft set is a parametrized family of subsets of the set U . Every set $F(e)$, for $e \in E$, from this family may be considered as the set of e -elements of the soft set (F, E) , or as the set of e -approximate elements of the soft set. Zadeh's fuzzy set may be considered as a special case of the soft set.

Definition 3.2.2

Let U be a universal set. Let E be a set of parameters. Let A be a subset of E . Let I^U denote the set of fuzzy subsets of U . If there is a mapping $f: A \rightarrow I^U$, where $I = [0, 1]$ then (f, A) is called a fuzzy soft set over U .

Notation

$(f, A) = \{ f_a \mid a \in A \}$, where $f(a) = f_a: U \rightarrow I$ is a fuzzy subset of U

i.e, $f_a = \{ (x, f_a(x)) \mid x \in X \}$

Examples:

1. Consider the following scenario as an example.

Assume a fuzzy soft set (F, E) defines the attractiveness of the shirts the writers will wear in relation to the supplied parameters.

Let $U = \{x_1, x_2, x_3, x_4, x_5\}$ which is the set of all shirts under consideration. Let I^U be the collection of all fuzzy subsets of U .

Also let $E = \{e_1 = \text{"colorful"}, e_2 = \text{"bright"}, e_3 = \text{"cheap"}, e_4 = \text{"warm"}\}$.

Let $F(e_1) = \{x_1/0.5, x_2/0.9, x_3/0, x_4/0, x_5/0\}$,

$F(e_2) = \{x_1/1.0, x_2/0.8, x_3/0.7, x_4/0, x_5/0\}$,

$F(e_3) = \{x_1/0, x_2/0, x_3/0, x_4/0.6, x_5/0\}$.

$F(e_4) = \{x_1/0, x_2/1.0, x_3/0, x_4/0, x_5/0.3\}$.

Then the family $\{F(e_i), i=1, 2, 3, 4\}$ of I^U is a fuzzy soft set (F, E) .

Definition 3.2.3

For two fuzzy soft sets (F,A) and (G,B) over a common universe U , we say that (F,A) is a fuzzy soft subset of (G,B) if (i) $A \subset B$, (ii) $\forall e \in A, F(e)$ is a fuzzy subset of $G(e)$.

Equality of Two Fuzzy Soft Sets

Two soft sets (F,A) and (G,B) over a common universe U are said to be fuzzy soft equal if (F,A) is a fuzzy soft subset of (G,B) and (G,B) is a fuzzy soft subset of (F,A) .

Definition 3.2.4

soft set (F, A) over X is said to be

- (a) Null soft set denoted by $\emptyset \forall e \in A$.
- (b) Absolute soft set denoted by \tilde{X} , if $F(e) = X \forall e \in A$.

Definition 3.2.5

Intersection of two fuzzy soft sets (F,A) and (G,B) over a common universe U is a soft set (H,C) , where $C=A \cap B$ and which is defined as follows:

$$H(e)=F(e) \cap G(e), \forall e \in C.$$

We write $(H,C)=(F,A) \tilde{\cap} (G,B)$.

Definition 3.2.6

A fuzzy soft relation is defined as soft set over the fuzzy power set of the cartesian product of two crisp sets. Let X and Y be two crisp sets and E is the set of parameters, then a function

$R : E \rightarrow I^{X \times Y}$ is called a fuzzy soft relation.

3.3 Generalised Fuzzy Soft sets

Let $U=\{x_1, x_2, \dots, x_n\}$ be the universal set of elements and $E=\{e_1, e_2, \dots, e_m\}$ be the universal set of parameters. The pair (U,E) will be called a soft universe. Let $F:E \rightarrow I^U$ and μ be a fuzzy subset of E , i.e. $\mu:E \rightarrow I = [0,1]$, where I^U is the collection of all fuzzy subsets of U .

Let F_μ be the mapping $F_\mu:E \rightarrow I^U \times I$ be a function defined as follows:

$F_\mu(e)=(F(e), \mu(e))$, where $F(e) \in I^U$. Then F_μ is called a generalised fuzzy soft set (GFSS in short) over the soft universe (U,E) .

Here for each parameter e_i , $F_\mu(e_i)=(F(e_i), \mu(e_i))$ indicates not only the degree of belongingness of the elements of U in $F(e_i)$ but also the degree of possibility of such belongingness which is represented by $\mu(e_i)$.

3.4 Fuzzy Soft Set Based Decision-Making

The decision-making is a process of choosing among alternative courses of action for the purpose of attaining a goal or goals. The decision-making problems based on fuzzy soft sets actually is multi attributes decision-making problems. Two different approaches applying soft set theory to decision-making problems: the choice value based approach and the comparison score based approach. Maji et al. proposed the choice value algorithm for the application of soft set theory in decision-making problems. Roy and Maji proposed the comparison score based approach to solving fuzzy soft set based decision-making problems.

The Choice Value Algorithm

Let (F,A) be a soft set, (F,A) can be expressed as a binary table. Let h_{ij} be the entries in the table, and if $h_i \in f(e_j)$ then $h_{ij} = 1$ Otherwise, $h_{ij}=0$. The choice value C_i of an object h_i is computed by $C_i = \sum_j h_{ij}$, the object with the maximum choice value is selected as the optimal decision. The algorithm is as follows:

1. Input the soft set (F,A) .
2. Compute the choice values c_i for each object h_i , where $c_i = \sum_j h_{ij}$
3. The decision is h_i if $C_i = \max_j c_j$.

For decision-making problems using soft sets, the choice value of an object precisely represents the number of 'good' attributes possessed by the object. Hence, it is reasonable to select the object with the maximum choice value as the optimal alternative.

Example : A soft set (F,A) with choice values.

U	e_1	e_2	e_3	e_4	Choice value
h_1	1	0	1	0	2
h_2	1	1	1	1	4
h_3	0	1	0	0	1
h_4	1	1	1	1	4
h_5	1	0	0	0	1
h_6	1	1	1	0	3

From the above table, it can be seen that Mr. X will select the house H_2 or H_4 . In real decision-making problems, the choice parameters are not entirely of the equal importance. To cope with such problems, we can impose different weights to different decision parameters. Additionally, it has been generalized to deal with the fuzzy soft set. In this case, the choice value will be computed by: $C_i = \sum_j F(e_j)(h_i)$, where $F(e_j)(h_i)$ is the membership value of h_i with respect to fuzzy set $F(e_j)$.

Table : A weighted soft set (F, A) with choice values.

U	e_1 $w_1 = 1/2$	e_2 $w_1 = 1/4$	e_3 $w_1 = 1/8$	e_4 $w_1 = 1/16$	Choice value
h_1	0.5	0	0.125	0	0.625
h_2	0.5	0.25	0.125	0.0625	0.9375
h_3	0	0.25	0	0	0.25
h_4	0.5	0.25	0.125	0.0625	0.9375
h_5	0.5	0	0	0	0.5
h_6	0.5	0.25	0.125	0	0.875

From above table, it can be seen that Mr. X will select the house h_2 or h_4 .

CHAPTER – IV

ANALYSIS OF THE MOST SUITABLE SCHOOL USING FUZZY SETS IN DECISION MAKING

4.1 Introduction

Soft set theory was first presented by Molodtsov as a generic mathematical tool for dealing with uncertainty. Decision-making based on (fuzzy) soft sets has recently gained prominence. In actual life, a class of items does not have well-defined membership criteria, hence there is always some ambiguity regarding which things are included or excluded from the class. This is the source of ambiguity in decision-making situations.

This ambiguity arises from a lack of understanding regarding which things are included and which are excluded from a certain class, as well as from inherent vagueness.

Existing mathematical theories, such as the theory of probability, the theory of fuzzy sets, the theory of intuitive fuzzy sets, the theory of vague sets, and the theory of rough sets, can be used to tackle these types of problems. Many scholars have investigated the use of fuzzy sets in decision-making.

Coroiu discussed the benefits of a fuzzy approach over other paradigms, as well as a specific way in which fuzzy logic can develop in the decision-making process. Han xiao and Chen Shou demonstrated the use of fuzzy sets in the reallocation of yellow river water that has been replaced. Chiu-Chi Wei presented a potential project selection model that combines an optimal aggregation method with an effective fuzzy weighted average to help decision makers achieve the best consistency of fuzzy judgments and generates a single synergistic index project fuzzy synthetic rating that takes both risk and performance into account.

Chanqiou Tan presented a new strategy for tackling multi-criteria decision making problems in intuitionistic fuzzy settings with interval values. In this study, we show how to use fuzzy sets to solve a decision-making problem using the choice value and weighted choice value of a fuzzy set.

4.2 Analysis of the most suitable School

Why School Is Important ?

- It teaches social skills
- School helps young people build confidence
- School encourages critical thinking
- School introduces young people to future goals
- School gives students a variety of opportunities
- School builds communities
- School teaches the importance of the learning process
- School reduces poverty
- School is good for gender equality
- School benefits the whole country

The problem we are considering is as follows: Suppose a student wants to choose the best school for him to continue his studies, and he has 10 possibilities.

The Set of Schools is defined as $U = \{S_1, S_2, S_3, S_4, S_5, S_6, S_7, S_8, S_9, S_{10}\}$. For selecting an appropriate school, the student has a set of expectations.

Let $E = \{x_1, x_2, x_3, x_4, x_5, x_6, x_7, x_8\}$ be the Set of Parameters.

x_1 - The Quality of Teaching

x_2 - The Curriculum

x_3 - The expenses

x_4 - The sports Program

x_5 - Study Material accessibility

x_6 - The School's Reputation

x_7 – The Extra curricular Activities

x_8 – The School's Infrastructure

The Collected Information about the schools are expressed in linguistic terms and it must be converted into membership value

Table 1 :

Linguistic Term	Membership Value
Complete satisfaction	1
Very strong satisfaction	0.8
Strong satisfaction	0.6
Moderate satisfaction	0.5
Strong dissatisfaction	0.4
Very strong dissatisfaction	0.2
Complete dissatisfaction	0

On the basis of this table we can write it as follows

$$S_1 = (x_1, 0.6), (x_2, 0.8), (x_3, 0.6), (x_4, 0.2), (x_5, 0.4), (x_6, 0.2), (x_7, 0.5), (x_8, 1)$$

$$S_2 = (x_1, 0.8), (x_2, 0.6), (x_3, 0.2), (x_4, 0), (x_5, 0.5), (x_6, 1), (x_7, 0.4), (x_8, 0)$$

$$S_3 = (x_1, 0.5), (x_2, 0.2), (x_3, 0.4), (x_4, 0.6), (x_5, 0.6), (x_6, 0.5), (x_7, 0), (x_8, 0.8)$$

$$S_4 = (x_1, 1), (x_2, 0.6), (x_3, 0.4), (x_4, 0.6), (x_5, 0.8), (x_6, 0.6), (x_7, 0.6), (x_8, 0.5)$$

$$S_5 = (x_1, 0.2), (x_2, 0.6), (x_3, 0.8), (x_4, 0), (x_5, 1), (x_6, 0.5), (x_7, 0.4), (x_8, 0.4)$$

$$S_6 = (x_1, 0.6), (x_2, 0.4), (x_3, 1), (x_4, 0), (x_5, 0.2), (x_6, 0.8), (x_7, 0.2), (x_8, 0.5)$$

$$S_7 = (x_1, 0.4), (x_2, 0.8), (x_3, 0.5), (x_4, 1), (x_5, 0.4), (x_6, 1), (x_7, 0.6), (x_8, 0.2)$$

$$S_8 = (x_1, 1), (x_2, 0.2), (x_3, 0.2), (x_4, 0.4), (x_5, 0.8), (x_6, 0.5), (x_7, 1), (x_8, 0.6)$$

$$S_9 = (x_1, 0.8), (x_2, 0.2), (x_3, 0.6), (x_4, 0.4), (x_5, 1), (x_6, 0.6), (x_7, 0.5), (x_8, 0)$$

$$S_{10} = (x_1, 0.6), (x_2, 0.8), (x_3, 0.2), (x_4, 0.5), (x_5, 0.6), (x_6, 1), (x_7, 0.8), (x_8, 0.6)$$

The above fuzzy sets in terms of membership value can be written in the tabular form as follows:

Table 2 :

U	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8
S_1	0.6	0.8	0.6	0.2	0.4	0.2	0.5	1
S_2	0.8	0.6	0.2	0	0.5	1	0.4	0
S_3	0.5	0.2	0.4	0.6	0.6	0.5	0	0.8
S_4	1	0.6	0.4	0.6	0.8	0.6	0.6	0.5
S_5	0.2	0.6	0.8	0	1	0.5	0.4	0.4
S_6	0.6	0.4	1	0	0.2	0.8	0.2	0.5
S_7	0.4	0.8	0.5	1	0.4	1	0.6	0.2
S_8	1	0.2	0.2	0.4	0.8	0.5	1	0.6
S_9	0.8	0.2	0.6	0.4	1	0.6	0.5	0
S_{10}	0.6	0.8	0.2	0.5	0.6	1	0.8	0.6

Choice value of a school S_i

The choice value of a school S_i given by

$$C_i = \sum_j S_{ij}$$

S_{ij} are the entries in table 2

Algorithm for Selection of a school

The following algorithm will be followed by the student to select the most suitable school.

STEP 1:

Construct a table with linguistic term and membership value.

STEP 2 :

Construct fuzzy sets and its membership value

STEP 3 :

To find the choice value for each school

STEP 4 :

Find K for $C_k = \max C_i$. Then S_k is the most suitable school for the student.

Here we use the algorithm and find the choice value for S_i .

$$i = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10$$

Table 2 :

U	X ₁	X ₂	X ₃	X ₄	X ₅	X ₆	X ₇	X ₈	Choice value
S ₁	0.6	0.8	0.6	0.2	0.4	0.2	0.5	1	4.3
S ₂	0.8	0.6	0.2	0	0.5	1	0.4	0	3.5
S ₃	0.5	0.2	0.4	0.6	0.6	0.5	0	0.8	3.6
S ₄	1	0.6	0.4	0.6	0.8	0.6	0.6	0.5	5.1
S ₅	0.2	0.6	0.8	0	1	0.5	0.4	0.4	3.9
S ₆	0.6	0.4	1	0	0.2	0.8	0.2	0.5	3.7
S ₇	0.4	0.8	0.5	1	0.4	1	0.6	0.2	4.9
S ₈	1	0.2	0.2	0.4	0.8	0.5	1	0.6	4.7
S ₉	0.8	0.2	0.6	0.4	1	0.6	0.5	0	4.1
S ₁₀	0.6	0.8	0.2	0.5	0.6	1	0.8	0.6	5.1

The choice value of S_4 and S_{10} are at Maximum level. Hence S_4 and S_{10} are the Most suitable schools.

WEIGHTED TABLE OF A FUZZY SET

Lin coined the term "theory of weighted soft sets" to describe a new mathematical analysis theory. A.R. Roy also explained the weighted value of soft sets and demonstrated how to use them with an object's weighted choice value.

WEIGHTED CHOICE VALUE OF A SCHOOL

The weighted choice value of a School A_i is c_i given by

$$C_i = \sum_j d_{ij} \text{ where } d_{ij} = w_i \times s_{ij}$$

REVISED ALGORITHM FOR SELECTION OF THE SUITABLE SCHOOL

STEP 1:

Construct a table with linguistic term and membership value.

STEP 2:

Construct the fuzzy sets with membership value.

STEP 3:

Find weighted table of the fuzzy sets according to the weights decided by the student.

STEP 4:

Find k for which $C_k = \max C_i$

Then S_k is the most suitable school for the student.

Now we use the algorithm and calculate the choice value for each A_i , $i = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10$. Suppose that the student decides the following weights for the parameters

TABLE 3 :

Parameter	Weighted Value (W_i)
x_1	0.6
x_2	0.8
x_3	0.4
x_4	0.2
x_5	0.5
x_6	0.8
x_7	0.4
x_8	0.5

Now we find the weighted choice value for each school

U	X ₁ W ₁ =0.6	X ₂ W ₂ =0.8	X ₃ W ₃ =0.4	X ₄ W ₄ =0.2	X ₅ W ₅ =0.5	X ₆ W ₆ =0.8	X ₇ W ₇ =0.4	X ₈ W ₈ =0.8	Weighted choice value
S ₁	0.36	0.64	0.24	0.04	0.2	0.16	0.2	0.5	2.34
S ₂	0.48	0.48	0.08	0	0.25	0.8	0.16	0	2.25
S ₃	0.3	0.16	0.16	0.12	0.3	0.4	0	0.4	1.84
S ₄	0.6	0.48	0.16	0.12	0.4	0.48	0.24	0.25	2.73
S ₅	0.12	0.48	0.32	0	0.5	0.4	0.2	0.2	2.22
S ₆	0.36	0.32	0.4	0	0.1	0.64	0.08	0.25	2.15
S ₇	0.24	0.64	0.2	0.2	0.2	0.8	0.24	0.1	2.62
S ₈	0.6	0.16	0.08	0.08	0.4	0.4	0.4	0.3	2.42
S ₉	0.48	0.16	0.24	0.08	0.5	0.48	0.2	0	2.14
S ₁₀	0.36	0.64	0.08	0.1	0.3	0.8	0.32	0.3	2.9

4.3 Result

From the above table we see the weighted choice value is maximum for the School S₁₀.
Hence S₁₀ is the most suitable school for the Student.

CHAPTER - V

CONCLUSION:

In this Study, I have discussed about the decision making process. I have also discussed about how fuzzy soft sets are used in a decision making problem. With that I have made an analysis of the most suitable school using fuzzy sets in Decision Making. There are two different approaches that can be used in a decision making problem and I have used choice value based approach proposed by Maji et al to find the most suitable school.

References:

- [1] H.D. Arora, Hemlata Aggarwal, Vijay Kumar - A Decision Making Problem As An Application Of Fuzzy Sets || International Journal of scientific & Techonology Research VOL 8, Issue 11, November 2019
- [2] K. Atanassov, — Intuitionistic fuzzy setsI, Fuzzy sets and systems, vol. 20, pp. 87-96 (1986).
- [3] A.M. Coroiu, —Fuzzy methods in decision making process-A particular approach in manufacturing systemI, IOP Conference Series: materials Sciences and engineering, vol. 95 (2015).
- [4] Chunqiu Tan, Benjiang Ma, Desheng Dash Wu and Xiaohang Chen, —Multi-Criteria Decision Making Methods Based on Interval-Valued Intuitionistic Fuzzy SetsI, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, vol. 22(03), pp. 469-488 (2014).
- [5] M. B. Gorzalzany, A method of inference in approximate reasoning based on interval-valued fuzzy sets, Fuzzy Sets and System, 21. (1987). 1-17.
- [6] W.L. gau and D.J. Buehre, —Vague setsI, IEEE Trans. System Man Cybernet, vol. 23 (2), pp. 610-614 (1993).
- [7] Han Xiao-Jun, Chen Shou-Yu, —Fuzzy sets decision making theory and its application in reallocation of replaced water of the yellow riverI, The 2nd International Conference on information science and Engineering. IEEE (2010).
- [8] T.y. Lin, —A set Theory of soft Computing, a unified view of fuzzy sets via neighbourhoodsI, Proceedings of 1996 IEEE International Conference on Fuzzy Systems, New Orleans, LA September 8-11, pp. 1140-1146 (1996).
- [9] D. Molodtsov, —Soft set theory-first resultsI, Computers and Mathematics with applications, vol.37 (4/5), pp. 19-31 (1999).
- [10] P.K. Maji, A.R. Roy and R. Biswas. —An application of soft sets in decision making problemsI, Computer and Mathematics with applications, vol. 44, pp. 1077-1083 (2002).
- [11] Z. Pawlak, —Rough setsI, International Journal of Information and Computer Science, vol. 11, pp. 341-356 (1982).
- [12] H. Thielle, On the concepts of qualitative fuzzy sets. 1999, IEEE International Symposium on Multiplevalued Logic, May 20-22, 1999, Tokyo, Japan, (1999).

- [13] Wei, C.-C., Andria, A., Xiao, H.-W., Wei, C.-S., & Lai, T.-C., —A new fuzzy decision-making approach for selecting new product development projectl, *Concurrent Engineering*, vol. 24(3), pp. 240–250 (2016).
- [14] H. J. Zimmermann, *Fuzzy Set Theory and Its Applications*, Kluwer Academic, Boston, MA, (1996).
- [15] L.A. Zadeh, — Fuzzy sets —, *Information and control*, vol. 8, pp.338-353 (1965).

AN ANALYSIS OF STUDENT'S ADMISSION IN HIGHER EDUCATION DURING COVID-19 USING HYPOTHESIS TEST

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
R.MAHESWARI
(A20MMT15)

Under the Guidance of
Mr.T.HENSON, M.Sc., M.Phil., B.Ed., M.Sc(IT)., PGDCA
Assistant Professor



PG & RESEARCH DEPARTMENT OF MATHEMATICS
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
(Affiliated to Thiruvalluvar University)
CUDDALORE – 607 001
JUNE - 2022

CERTIFICATE

This is to certify that the project on “AN ANALYSIS OF STUDENT’S ADMISSION IN HIGHER EDUCATION DURING COVID -19 USING HYPOTHESIS TEST” is a bonafide record of work done by **R.MAHESWARI (A20MMT15)**, 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, Ph.D.

Head of the Department

PG & Research Department of Mathematics
St. Joseph’s College of Arts & Science (Autonomous)

Place: **Cuddalore**


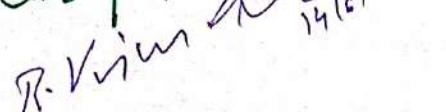
Date: **14.06.2022**



PROJECT SUPERVISOR

T. HENSON, M.Sc., M.Phil., M.Sc.(IT), B.Ed., PGDCA.,
Assistant Professor, PG and Research Department of Mathematics
St. Joseph’s College of Arts and Science (Autonomous)
Cuddalore - 607 001.

EXAMINERS:

1. 
2.  14/6/22

R.MAHESWARI

(A20MMT15),

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

DECLARATION

I hereby state that the project entitled “AN ANALYSIS OF STUDENT'S
ADMISSION IN HIGHER EDUCATION DURING COVID -19 USING
HYPOTHESIS TEST” submitted by me for the award of the degree of **MASTER
OF SCIENCE IN MATHEMATICS (2020-2022)** is my original work and that it
has not been previously formed the basis for award of any Degree, Diploma,
Associate ship, Fellowship or any similar titles.


Signature of the candidate

Countersigned by:



Mr.T.HENSON, M.Sc., M.Phil., B.Ed., M.Sc(IT)., PGDCA.

Assistant Professor,

PG & Research Department of Mathematics,

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

Place: Cuddalore

Date: 14.06.2022

ACKNOWLEDGEMENT

I take this opportunity to express my thanks to the Almighty, from the depth of my heart who has been the unfailing source of strength, comfort and inspiration in the implementation of this dissertation work.

I grab this opportunity to thank **Rev. Fr. G. Peter Rajendram, M.A., M.Sc., M.Ed., M.Phil., Secretary, St. Joseph's College of Arts & Science (Autonomous), Cuddalore** for giving me an opportunity for submitting this dissertation.

I would like to express my deep sense of gratitude to **Dr. M. Arumai Selvam M.Sc.**

(Maths), M.Sc. (CS), M.Phil. (CS), Ph.D., PGDCSA., Principal, St. Joseph's College of Arts & Science (Autonomous), Cuddalore for his support throughout the dissertation.

I would like to express my deep sincere thanks and gratitude **Dr.J.Jon Arokiaraj, M.Sc., M.Phil., B.Ed., Ph.D., Vice Principal and the Head of the Department, PG and Research. Department of Mathematics** for his encouragement and valuable suggestion to improve this dissertation work.

I thank my dissertation supervisor **Mr.T.HENSON, M.Sc., M.Phil., B.Ed., M.Sc(IT)., PGDCA Assistant Professor, PG and Research Department of Mathematics** for providing me the necessary guidance, kind suggestion, tireless corrections, and fruitful discussion which helped me to work enthusiastically under such a wonderful and resourceful person. The knowledge I gained from his will definitely influence me in the rest of my research life.

I offer my salute to thank all the **Faculty Members** of PG and Research Department of Mathematics, having extended their valuable help from time to time, throughout the duration of this work.

Finally, my heartfelt and sincere thanks to my Family, Friends who always been a source of inspiration, love, confidence and endurance during this dissertation work.

R.MAHESWARI

(A20MMT15)

ABSTRACT

Statistical Hypothesis Testing is among the most misunderstood quantitative analysis methods from data science.

In Chapter 1, providing the statistical inferences and basic information's of our project.

In Chapter 2, we study the basic information about the hypothesis test and classification of test.

In chapter 3, collecting the data and analysing the students admission in higher education.

In Chapter 4, taking survey based on our project topic and know the level of admission in college.

In Chapter 5, concluding the project by proving that the students admission in higher education is decreased.

Key Words: Statistical Inference, Hypothesis Test, Level of Significance , Confidence Interval.

CONTENT

CHAPTER 1

INTRODUCTION TO STASTICAL INTERFERENCES	page no:
1.1 Statistical Interferences	1
1.2 Types of statistical interferences(estimation theory and hypothesis theory)	1
1.3 Basics of estimation theory	1
1.4 Sampling proportion of population	2
1.5 Confidence limit for mean	2

CHAPTER 2

TESTING OF HYPOTHESIS

2.1 Statistical hypothesis	3
2.2 Null hypothesis	3
2.3 Alternative hypothesis	4
2.4 One tailed test and two tailed test	5
2.5 Test of hypothesis for large sample test	5
2.6 Level of significance	6
2.7 Large sample	6
2.8 Testing of single proportion	6

CHAPTER 3

page no:

COLLECTION OF DATA AND ANALYSIS

3.1 Data collection of population	9
3.2 Data collection of samples	14
3.3 Data analysis of covid 19 pandemic situation changed the student's admission	18
3.3(1) Testing of hypothesis is carried across the sample and population proportion of collection of covid 19 pandemic and non pandemic periods	18
3.3(2) Conclusion diagram	19

CHAPTER 4

4.1 Questionnaires	20
4.2 Tabulation	21
4.3 Calculation	23
4.4 Pie chart	24

CHAPTER 5

Conclusion	25
Reference	

CHAPTER 1

1.1 INTRODUCTION STATISTICAL INFERENCES

STATISTICAL INFERENCES

The inductive inference may be termed as the logic of drawing statistically valid conclusions about the characteristics on the basis of a sample drawn from it in a scientific manner. We develop the technique which enables us to generalise the results of the sample to the population, to how far these generalisations are valid, and also to estimate the population parameters along with the degree of confidence. The answers to these and many other related problems are provided by a very branch of Statistics, known as the Statistical inference, which may be broadly classified in the following two heads

(i) Theory of Estimation and (ii) Testing of Hypothesis

1.3 BASICS OF ESTIMATION THEORY

Estimation of population parameters like mean, variance, proportion, correlation coefficient, etc. from the corresponding sample statistics is one of the very important problems of statistical inference. The estimation of population parameters is imperative in making business decisions.

➡ Point Estimation and

➡ Interval Estimation

1.4 Sampling Distribution of Proportion

The population proportion characteristics under study is an attribute.

Let us consider a population consisting of N units and let the number of units possessing the attribute under the study be ' a '. Then in a dichotomous classification, the number of units which do not possess the given attribute is $(N-a)$. Then

P = Proportion of units (in the population) possessing the given attribute $= a/N$

Q = Proportion of population units which do not possess the given attribute $= (N-a)/N$

$= 1 - a/N$

$$Q=1-P$$

Therefore, P and Q may be interpreted as representing the proportion or probability of success and failure respectively in the population.

If X is the number of units possessing the given attributes in the sample, then define
 p = Proportion of units (in the sample) which do not possess the given attribute $\Rightarrow X/n$

q = proportion of units (in the sample) which do not possess the given attribute

$$p + q = 1 \quad \Rightarrow \quad q = 1 - p$$

Sample proportion ' p ' is an unbiased estimate of the population proportion P i.e. $E(p) = P$

Thus, the sample proportion ' p ' can be used as an estimate for population P i.e. $P \approx p$.

1.5 Confidence Limits for Mean .

If we consider a large random sample of size n from population, with mean μ and variance σ^2 of then the sample mean- $\bar{X} \sim N(\mu, \sigma^2/n)$ asymptotically (as n tends to infinity)

$$Z = \frac{\bar{X} - \mu}{\sigma/\sqrt{n}} \sim N(1,0)$$

for practical purposes, samples may be regarded as large if the sample size is greater than 30 that is if Under normal probability curve, we have $P(-1.96 \leq Z \leq 1.96) = 0.95$

$$P(-1.96 \leq \bar{X} - \mu / \sigma / \sqrt{n} \leq 1.96) = 0.95$$

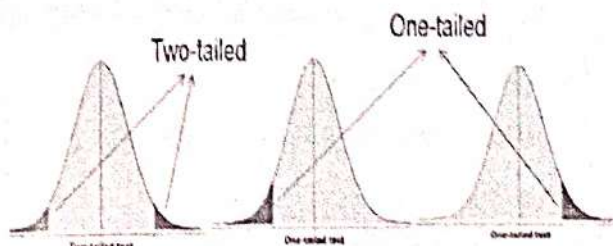
This 95% confidence for population mean are $\bar{X} \pm 1.96 \sigma / \sqrt{n}$ where σ is assumed to be known and the interval and is the 95% confidence interval for estimation of μ

the 95% confidence interval for estimating

$$P(-2.58 \leq x \leq 2.58) = 0.99$$

Hence, 99% confidence limits for μ are $\bar{X} \pm 2.58 \sigma / \sqrt{n}$ and the interval is the 99% confidence level for estimating μ

We give below critical or significant TWO-TAILED CRITICAL VALUES OF Z les of (for large samples) for two-tailed tests for different levels of confidence coefficient $(1-\alpha)$



CHAPTER 2

2.1 TESTING OF HYPOTHESIS

The inductive inference is based on deciding that the characteristics of the population of taking on the basis of sample study. Such decisions involve an element of risk, the risk of taking wrong decisions.

The modern theory of probability plays a very important role in decision making or any the branch of statistical technique is known **testing of hypothesis**

The theory of testing of hypothesis is based by J. Neyman and ES. Pearson and employs statistical techniques to achieve the decision as where there is an element of uncertainty on the basis of sample whose size is fixed in advance. There is another technique, known as **Sequential Testing**.

In our project is to find the covid19 pandemics changed college admission BASED ON HYPOTHESIS TEST.

2.2 Null Hypothesis

"Null hypothesis is the hypothesis which is tested for possible rejection under the assumption that it is true"

How to set null hypothesis

1. (a) Express the claim or hypothesis to be tested in the symbolic form.
- (b) Write the symbolic form if the original claim or hypothesis is not true.
- (c) Identify the null hypothesis and the alternative hypothesis as explained below

In steps (a) and (b) above, take the expression involving equality sign as the null hypothesis (H_0) and the other as the alternative hypothesis (H_1)

Thus, depending on the wording of the original claim, the original claim can sometimes be regarded as H_0 (if it contains equality sign) and sometimes it can be regarded as H_1 (if it does not contain the equality)

2.3 Alternative Hypothesis :

Any hypothesis , which is complementary to the null hypothesis is called an alternative hypothesis. It is usually denoted by H_1 .

It is very important to explicitly state the Hypothesis in respect of any null hypothesis H_0 , because the acceptance or rejection of H_0 is meaningful only if it is being tested against a rival hypothesis. For example, if we want to the null be that the population has a specified mean μ_0

$$H_0: \mu = \mu_0,$$

Then the alternative hypothesis could be

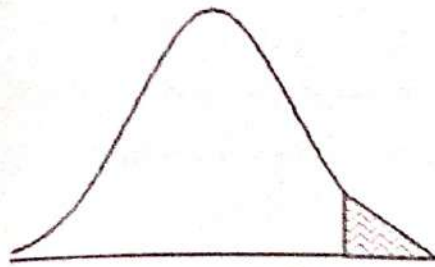
- (1) $H_0 : \mu \neq \mu_0, (i.e., \mu > \mu_0 \text{ or } \mu < \mu_0)$
- (2) $H_1: \mu > \mu_0$
- (3) $H_1: \mu < \mu_0$

The alternative hypothesis in (1) is known as a two-tailed alternative and the alternatives in (2) and (3) are known as right tailed and left-tailed alternatives respectively. Accordingly, the corresponding test of significance are called two-tailed, right-tailed and left-tailed tests respectively.

2.4 ONE TAILED TEST

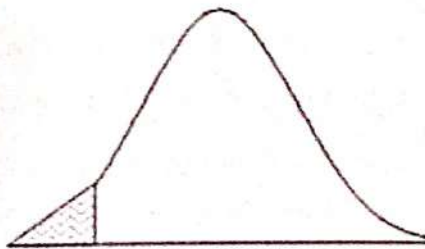
A one-tailed test is a statistical test in which the critical area of a distribution is one-sided so that it is either greater than or less than a certain value, but not both.

$H_1: \mu > \mu_0$ (right-tailed)



Positive one-tailed test

$H_1: \mu < \mu_0$ (left-tailed)

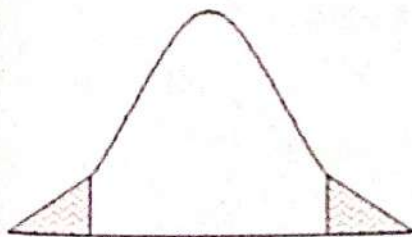


Negative one-tailed test

2.5 TWO TAILED TEST

A two-tailed test is a statistical test in which the critical area of a distribution is two-sided and tests whether a sample is greater than or less than a certain range of values.

$H_0: \mu \neq \mu_0$ (i.e., $\mu > \mu_0$ or $\mu < \mu_0$)



Two-tailed test

2.6 Level of significance

the probability of rejecting the null hypothesis in a statistical test when it is true.

Level of significance is a statistical term for how willing you are to be wrong.

for example

With a 95 percent confidence interval, you have a 5 percent chance of being wrong. With a 90 percent confidence interval, you have a 10 percent chance of being wrong.

2.7 LARGE SAMPLE TEST

(TEST FOR SINGLE PROPORTION)

Test for Single Proportion. If X is the number of individuals (units) possessing the given attribute (which is termed as a success) in a random sample of size n from a large (infinite) population then

$p = \text{Observed sample proportion of successes} = X/n$

$E(p) = P$ and $S.E(p) = \sqrt{PQ/n}$

where P is the population proportion of successes.

P is the proportion of individuals (units) in the population possessing the given attribute and $Q = 1 - P$

Hence for large samples, the standard normal variate corresponding to the statistic ' p ' is

$$Z = \frac{p - E(p)}{S.E(p)}$$

$$= \frac{p - P}{\sqrt{PQ/n}} \sim N(0,1)$$

Since n is large and we apply normal test for large sample

The working principle for numerical problems in tests of hypothesis for large samples :

1. set up Null Hypothesis H_0 .
2. Set up Alternative Hypothesis H_1 .
3. Set up the level of significance (α).
4. Compute the test statistic Z defined in under H_0
5. Obtain the critical values of z and the critical region (under H_1), at the desired level of significance (α)

Two-Tailed Test.

If $|Z| > 1.96$, we say that Z is significant at 5% level of significance and H_0 rejected.

In other words, the data are inconsistent with the null hypothesis is the difference between t and $E(t)$ cannot be attributed to fluctuations of sampling.

In this case, we reject H_0 with a confidence coefficient $1 - 0.05 = 0.95$

i.e. 95%

If $|z| \leq 1.96$ we say that it is not significant at 5% level of significance. This implies that the data do not provide us any evidence against the null hypothesis H_0 , which may, therefore, be accepted

Similarly, by comparing the computed value of $|Z|$ with 2.58 we reject

(or retain) H_0 at 1% level of significance

Single-Tailed Test

For a single-tailed test (Right or Left). H_0 is rejected at 5% (or 1%) level of significance if $|Z| \geq 1.645$ or ($|Z| > 2.33$) otherwise it may be retained at the corresponding levels of significance

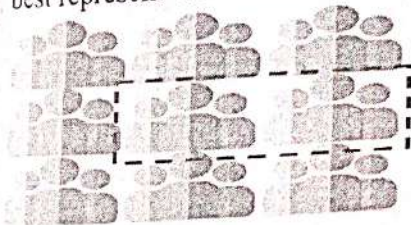
What is Population?

In statistics, population is the whole set of objects from which you draw archives for a statistical study .It can be a crew of individuals ,a set of items ,etc. It makes up the data pool for a study .



Population

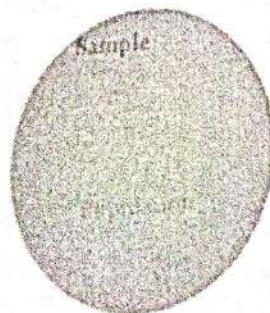
What is a Sample? A sample represents the group of interest from the population, which you will use to represent the data. The sample is an unbiased subset of the population that best represent the whole data.



Population



Sample



CHAPTER 3

COLLECTION OF DATA AND ANALYSIS

POPULATION

3.1 DATA COLLECTION OF POPULATION

POPULATION STATISTICAL WITH NON PANDEMIC SITUATION OF COVID 19 IN THE FOLLOWING YEAR(2017,2018,2019) OF GOOD LEVEL OF STUDENT ADMISSION

S.NO	NAME OF THE COLLEGE	OVERALL ADMISSION PERCENTAGE			OVERALL AVERAGE PERCENTAGE (2017,2018, 2019)	FOR GOOD ADMISSION PERCENTAGE ABOVE 80%
		2017	2018	2019		
1	MCC-MADRAS CHRISTIAN COLEGE	83	81	85	83	83
2	LOYALA COLLEGE	91	83	88	87	87
3	STELLA MARIS COLLEGE	98	95	80	91	91
4	WOMEN' CHRISTIAN COLLEGE	91	83	84	86	86
5	ST.JOSEPH ' COLLEGE	95	96	93	94	94
6	SRI KRISHNA ARTS AND SCIENCE COLLEGE	93	90	80	87	87

7	SDNB VAISHAV COLLEGE FOR WOMEN	80	83	84	82	82
8	CHEVALIAR THOMAS ELIZABETH COLLEGE FOR WOMEN	83	90	92	88	88
9	GURU NANAK COLLEGE	84	90	88	87	87
10	HINDUSTHAN COLLEGE	90	95	85	90	90
11	KONGU ARTS AND SCIENCE COLLEGE	88	80	86	84	84
12	SCARED HEART COLLEGE	84	90	92	88	88
13	V.O CHIDAMBAR AM COLLEGE	80	90	92	84	84
14	RATHINAM COLLEGE OF ARTS AND SCIENCE	82	92	86	86	86
15	A.P.C COLLEGE	88	66	96	83	83
16	NALLAMUTHU GOUNDER MAHALINGAM COLLEGE	84	80	83	82	82
17	VELLAR COLLEGE FOR WOMEN	95	88	87	90	90
18	SREE NARAYANA GURU COLLEGE	89	80	81	83	83

19	BHATAVATS ALAM MEMORIAL COLLEGE	90	88	82	86	86
20	THANTHAI HANSROVER COLLEGE	92	82	83	85	85
21	NAZARETH COLLEGE OF ARTS AND SCIENCE	94	80	83	86	86
22	CSI BHISHOP APPASAMY COLLEGE OF ARTS AND SCIENCE	90	80	84	85	85
23	PRIEST COLLEGE	92	80	84	85	85
24	MARATHOM A COLLEGE	92	88	84	88	88
25	PSG COLLEGE OF ARTS AND SCIENCE	95	98	98	97	97
26	SRI RAMAKRISH NA ARTS AND SCIENCE COLLEGE	85	90	89	88	88
27	KURUNJI COLLEGE OF ARTS AND SCIENCE	92	91	92	88	88
28	MAHENDRA ARTS AND SCIENCE	92	89	90	90	90
29	KAMADHEN COLLEGE	60	70	59	63	63
30	SONA COLLEGE	59	40	60	53	53

31	GTN ARTS COLLEGE	83	75	91	83	83
32	SRIMAD ANDAVAN ARTS AND SCIENCE COLLEGE	81	84	90	85	85
33	ARIGNAR ANNA GOVERNMENT ARTS COLLEGE	88	84	86	86	86
34	PADMAVANI ARTS AND SCIENCE COLLEGE FOR WOMEN	90	91	89	90	90
35	HOLY CROSS COLLEGE	88	86	90	88	88
36	TRINITY COLLEGE FOR WOMEN	90	95	89	91	91
37	QUEEN MARY'S COLLEGE	80	84	80	81	81
38	PSKR KRISHNAMMAL FOR WOMEN	95	82	81	81	81
39	AIMEN COLEGE WOMEN	80	82	81	81	81
40	THAIGARAR COLLEGE	92	90	89	90	90

From the above table we have to consider that proportion of population with non pandemic situation of covid 19 in the following year (2017,2018,2019) of good level student admission

In our project is to find how the pandemic situation changed the student 's admission

We are taking proportion of population with good level of student's admission

The population proportion of 5% level of significant (or)
almost 95% level of admission is good with population proportion

POPULATION PROPORTION OF NON PANDEMIC COVID19 SITUATION :

For n value greater than 30 ,so we go for large sample test

n =total number of colleges

X =number of college with good level of student's admission

P =population proportion of taking non pandemic situation with good level of admission

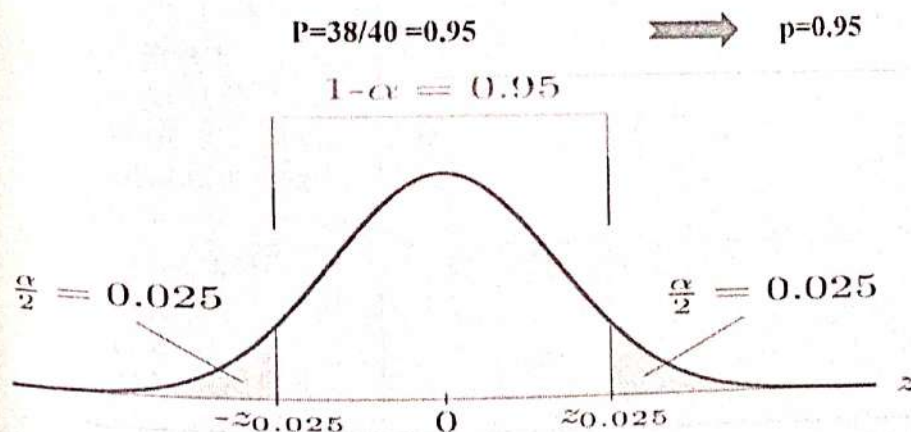
$p=38$ (number of college population with good level of students admission/40(total number of college)

There are 40 college in the following data but we have to choose number of college based 5% level of significance of good level of student' admission (i.e) 95% of student's admission is good only 5% is level of significant at student's admission.

From the given information of data from non-pandemic situation with 5% level of significant or at most 95% level of admission is good with population proportion based on number of college with good level of admission.

$$P = 1 - 0.05 = 0.95$$

Population proportion of taking non pandemic situation with good level of admission(P)
= 38/40



SAMPLE

3.2 DATA COLLECTON OF SAMPLE

THE OBSERVED STATISTICAL PROPORTION OF SAMPLE WITH PANDEMIC SITUATION OF COVID 19 IN THE FOLLOWING YEAR(2020,2021) OF GOOD LEVEL OF STUDENT'S ADMISSION

S.N O	NAME OF THE COLLEGE	OVERALL ADMISSION PERCENTAG E		OVERALL AVERAGE PERCENTAG E (2021,2020)	FOR GOOD ADMISSION PERCENTAG E ABOVE 80%
		2020	2021		
1	MCC-MADRAS CHRISTIAN COLLEGE	83	88	85	85
2	LOYALA COLLEGE	84	86	85	85
3	STELLA MARIS COLLEGE	75	60	67	67
4	WOMEN' CHRISTIAN COLLEGE	54	44	49	49
5	ST.JOSEPH + COLLEGE	56	66	61	61
6	SRI KRISHNA ARTS AND SCIENCE COLLEGE	89	80	84	84
7	SDNB VAISHAV COLLEGE FOR WOMEN	88	42	56	56
8	CHEVALIAR THOMAS ELIZAHBETH COLLEGE FOR WOMEN	72	61	66	66
9	GURU NANAK COLLEGE	63	71	67	67
10	HINDUSTHAN COLLEGE	80	82	81	81

11	KONGU ARTS AND SCIENCE COLLEGE	84	81	82	82
12	SCARED HEART COLLEGE	51	53	52	52
13	V.O CHIDAMBARAM COLLEGE	41	52	46	46
14	RATHINAM COLLEGE OF ARTS AND SCIENCE	59	44	53	53
15	A.P.C COLLEGE	55	47	51	51
16	NALLAMUTHU GOUNDER MAHALINGAM COLLEGE	47	70	58	58
17	VELLAR COLLEGE FOR WOMEN	89	80	84	84
18	SREE NARAYANA GURU COLLEGE	63	41	52	52
19	BHATAVATSALA M MEMORIAL COLLEGE	60	50	55	55
20	THANTHAI HANSROVER COLLEGE	48	31	39	39
21	NAZARETH COLLEGE OF ARTS AND SCIENCE	66	59	39	39
22	CSI BHISHOP APPASAMY COLLEGE OF ARTS AND SCIENCE	60	42	51	51
23	PRIEST COLLEGE	59	47	53	53
24	MARATHOMA COLLEGE	61	59	60	60

25	PSG COLLEGE OF ARTS AND SCIENCE	85	84	84	84
26	SRI RAMAKRISHNA ARTS AND SCIENCE COLLEGE	85	82	83	83
27	KURUNJI COLLEGE OF ARTS AND SCIENCE	50	65	57	57
28	MAHENDRA ARTS AND SCIENCE	83	80	81	81
29	KAMADHENU COLLEGE OF ARTS AND SCIENCE	61	45	53	53
30	SONA COLLEGE	71	48	59	59
31	GTN ARTS COLLEGE	69	41	55	55
32	SRIMAD ANDAVAN ARTS AND SCIENCE COLLEGE	64	48	56	56
33	ARIGNAR ANNA GOVERNMENT ARTS COLLEGE	60	50	55	55
34	PADMAVANI ARTS AND SCIENCE COLLEGE FOR WOMEN	59	41	50	50
35	HOLY CROSS COLLEGE	61	58	59	59
36	TRINITY COLLEGE FOR WOMEN	41	57	49	49
37	QUEEN MARY'S COLLEGE	43	59	51	51

38	PSKR KRISHNAMMAL FOR WOMEN	49	61	55	55
39	AIMEN COLEGE WOMEN	52	70	61	61
40	THAIGARAJR COLLEGE	83	80	81	81

From the above table we have to consider that proportion of sample with pandemic situation of covid 19 in the following year (2020,2021) of good level student admission

In our project is to find how the pandemic situation changed the student's admission ,
We are taking proportion of sample with good level of student's admission

SAMPLE PROPORTION OF PANDEMIC COVID -19

SITUATION

For n value greater than 30 ,so we go for large sample test

n =total number of colleges

X =number of college with good level of student's admission

p = observed sample proportion of taking pandemic situation with good level of admission

There are 40 college in the following data but we have to choose 10 colleges (i.e) because the sample of students with good level of student's admission is of with 10 college based on good level of admission

we have to use 5% level of significance at student's admission

$p=10(\text{number of college population with good level of students admission}/40(\text{total number of college}))$

$$p=10/40$$

$$p = 0.25$$

the observed sample proportion of taking pandemic situation with good level of admission(p)=0.25

3.3 HERE WE HAVE TO TEST THE HYPOTHESIS BASED ON COVID 19 PANDEMIC CHANGED THE STUDENT'S ADMISSION;

From the above calculated value of population of covid 19 non pandemic student 's admission of the following year(2017,2018,2019)

From the above calculated value of sample

Proportion of taking covid 19 pandemic student's admission of the following year (2020,2021)

On the combination of proportion of population and proportion of sample whereas we go for hypothesis test and to find covid 19 changed the student 's admission

3.3 (1)Testing of hypothesis is carried across the sample and population of collection of covid 19 pandemic and non pandemic periods:

STEP 1 :

NULL HYPOTHESIS (H_0): NON PANDEMIC SITUATION DOES NOT AFFECT THE STUDENT'S ADMISSION

H_0 : P = PROPORTION OF POPULATION WITH WITH GOOD LEVEL OF STUDENT'S ADMISSION

$$P = 38/40 = 0.95$$

$$Q = 1 - P$$

$$= 1 - 0.95$$

$$= 0.05$$

STEP 2 :

ALTERNATIVE HYPOTHESIS (H_1): PANDEMIC SITUATION AFFECT THE STUDENT'S ADMISSION

$$H_1: P \neq 0.95 \text{ (TWO TAILED)}$$

STEP 3 :

LEVEL OF SIGNIFICANCE : $\alpha = 0.05$ (TWO TAILED)

STEP (4):

TEST STATISTIC ,under H_0 , the test statistic is

$$Z = \frac{p - E(p)}{SE(p)}$$

$$= \frac{p - P}{\sqrt{PQ/n}} \sim N(0,1), \text{ since the sample size } n \text{ is large (i.e } n > 30)$$

So, we have to go for large sample test based on hypothesis Test.

$$|Z| = \left| \frac{0.25 - 0.95}{\sqrt{(0.95)(0.05)/30}} \right|$$

$$= \frac{-0.65}{\sqrt{0.0475/30}}$$

$$= \frac{-0.65}{\sqrt{0.0015833}} = \left| \frac{-0.65}{0.0397910} \right| = -16.33$$

$$|Z| = 16.33$$

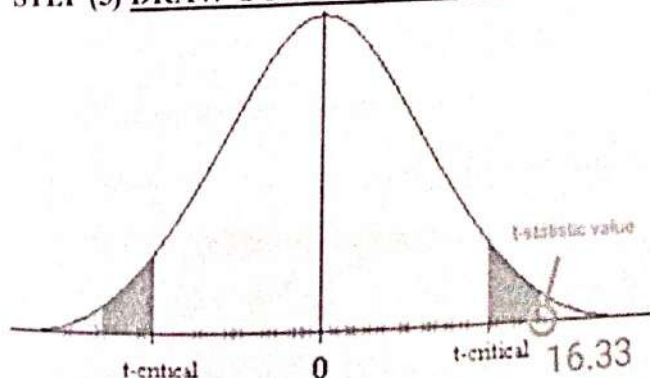
Here the significance value of $|Z|$ at 5% level of significance for a

two-tailed is 1.96. since the calculated value of $|Z|$ with test statistics with pandemic situation is greater than 1.96, it is significant at 5% level of significance.

Hence, the null hypothesis (H_0) (pandemic does not affect the student's admission), H_0 is rejected.

And we concluded that H_1 is accepted (i.e) covid 19 pandemic situation affects the student's admission.

STEP (5) DRAW OUR CONCLUSION



Chapter 4

4.1 Questionnaires :

Statistics applied on admission of students higher studies in pandemic period

In college , students's admission level has decreased

N= 100

1. Due to the pandemic ,online class are scheduled for the students who do not have proper listening .

☐ Satisfied

☐ unsatisfied

☐ no comments

2. There is no job for parents so parents not able to pay money.

☐ Satisfied

☐ unsatisfied

☐ no comments

3. Students affected in the online class .

☐ Satisfied

☐ unsatisfied

☐ no comments

4. Students are wasting their time in the span of online class .

☐ Satisfied

☐ unsatisfied

☐ no comments

5. students are not gaining the knowledge in online class and exams .

☐ Satisfied

☐ unsatisfied

☐ no comments

6. Due to the pandemic ,the online changed the students carrier in future .

☐ Satisfied

☐ unsatisfied

☐ no comments

7. Due to the family situation downed ,some students need to go for a job .

☐ Satisfied

☐ unsatisfied

☐ no comments

8. Online exam is useful for students is good manner .

☐ Satisfied

☐ unsatisfied

☐ no comments

9. Online exam judge the students job carriers.

☐ Satisfied

☐ unsatisfied

☐ no comments

10. Students are waiting and need complete offline mode

Class for developing the skills and knowledge

☐ Satisfied

☐ unsatisfied

☐ no comments

4. TABULATION:

In college, student's admission level has decreased from the collection of data of student's opinion in questionnaires

N = 100

S.no		Satisfied	Unsatisfied	No comment
1.	Due to the pandemic, online class are scheduled for the students who do not have proper listening	60	30	10
2.	Due to the pandemic, online class are scheduled for the students who do not have proper listening	70	20	10
3.	Students affected in the online class	70	20	10
4.	Students are waiting their time in the span of online class	50	25	25
5.	students are not gaining the knowledge in online class and exams.	30	60	10

6.	Due to the pandemic ,the online changed the students carrier in future .	80	10	10
7.	Due to the family situation downed ,some students need to go for a job .	40	30	30
8.	Online exam is useful for students is good manner .	50	25	25
9.	Online exam judge the students job carriers	70	10	20
10.	Students are waiting and need complete offline mode Class for developing the skills and knowledge	80	10	10

4.3 CALCULATION :

The average calculation for Satisfied

$$\begin{aligned} &= \frac{\text{number of samples choos by the students for satisfied}}{\text{no of question asked}} \\ &= \frac{60+70+70+50+30+80+40+50+70+}{10} \\ &= \frac{600}{10} \\ &= 60 \end{aligned}$$

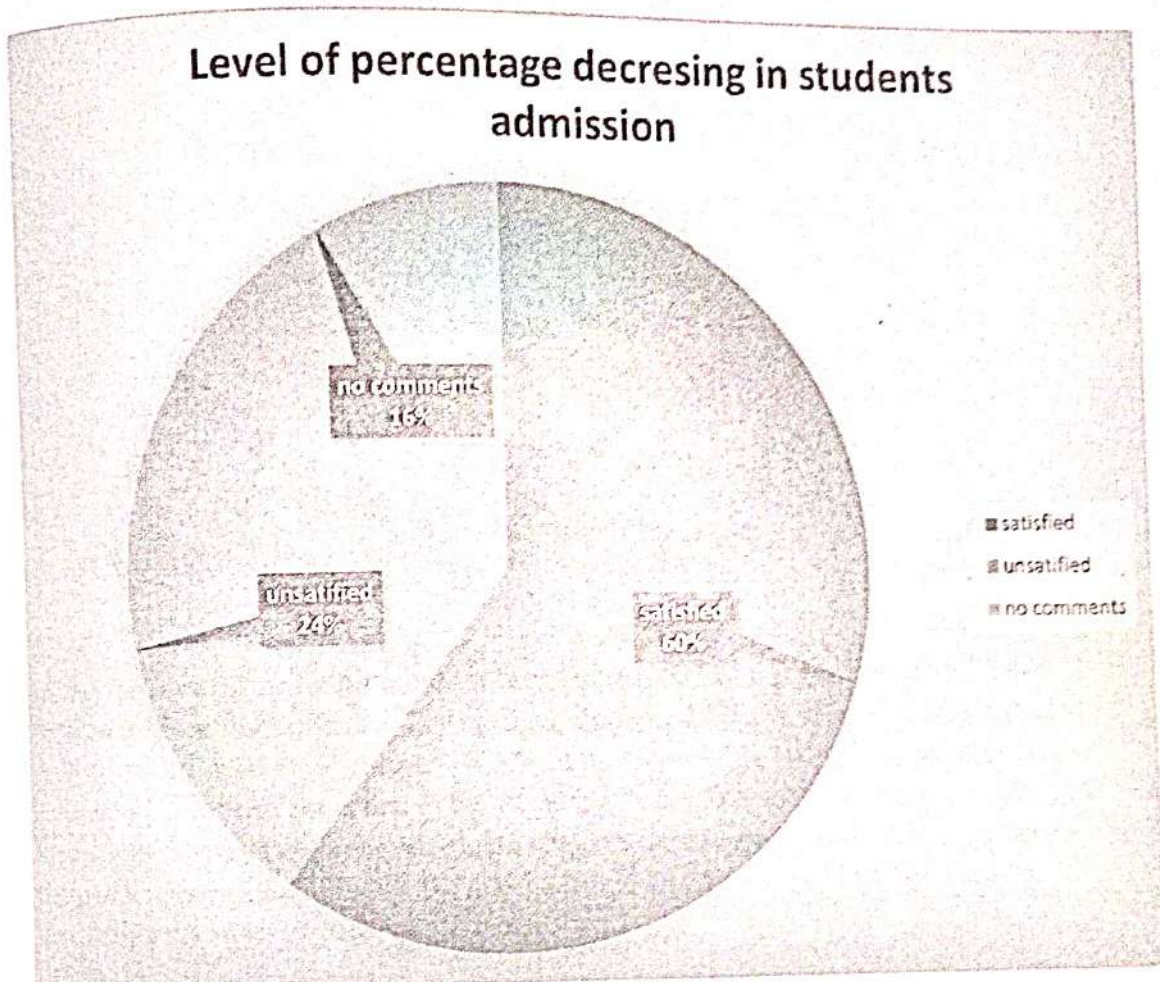
The average calculation for unsatisfied

$$\begin{aligned} &= \frac{\text{number of samples choos by the students for unsatisfied}}{\text{no of question asked}} \\ &= \frac{30+20+20+25+60+10+30+25+10+}{10} \\ &= \frac{240}{10} \\ &= 24 \end{aligned}$$

The average calculation for no comments

$$\begin{aligned} &= \frac{\text{number of samples choos by the students for no comments}}{\text{no of question asked}} \\ &= \frac{10+10+10+25+10+10+30+25+20+10}{10} \\ &= \frac{160}{10} \\ &= 16 \end{aligned}$$

4. PIECHART :



In this pie chart , from the questionnaires we can conclude that the average level of percentage in satisfied is higher , so the level of percentage in student's admission is decreasing .

CHAPTER 5

CONCLUSION

In this project, by using the method of hypothesis test, we are able to find the statistical inference. First, the collection of data about student admission before and after Covid-19 that shows the level of significance is 5%. Furthermore, by taking the statistical data of sample proportion of pandemic in the following year (2020-2021) is decreased. And also through the survey the student's opinion about the admission level is decreasing because of the pandemic situation. Finally, we may conclude that the student admission level is decreasing in Covid-19 pandemic situation.

References :

Help from the internet , and also the following books are taken to complete the project

1. Author S.G. -seventh edition fundamentals of statistics (hypothesis test ,large sample test)
2. Author Dr .k. Balaji -experimental statistics (statistical methods and computer applications lab)
3. Balluerka, N., Gómez, J., & Hidalgo, D. (2005). The controversy over null hypothesis significance testing revisited. [Journal Article]. *Methodology: European Journal of Research Methods for the Behavioral & Social Sciences*, 1(2), 55-70.
4. Cowles, M., & Davis, C. (1982). On the origins of the .05 level of statistical significance. [Peer Reviewed]. *American Psychologist*, 37(5), 553-558.
5. Gardner, M. J., & Altman, D. G. (1986). Confidence intervals rather than P values: estimation rather than hypothesis testing. *Br Med J (Clin Res Ed)*, 292(6522), 746-750.
6. Schmidt, F. L. (1996). Statistical significance testing and cumulative knowledge in psychology: Implications for training of researchers. *Psychological Methods*, 1(2), 115-129.
7. Thompson, B. (1993). The use of statistical significance tests in research: Bootstrap and other alternatives. *Journal of Experimental Education*. Special Issue: Statistical significance testing in contemporary practice, 61(4), 361-377.
8. Thompson, B. (2002). "Statistical," "practical", and "clinical": How many kinds of significance do counselors need to consider? *Journal of Counseling & Development*, 80(1), 64-71.
9. Vacha-Haase, T. (2001). Statistical significance should not be considered one of life's guarantees: Effect sizes are needed. [Peer Reviewed]. *Educational and Psychological Measurement*, 61(2), 219-224.
10. Wilkinson, L. (1999). Statistical methods in psychology journals: Guidelines and explanations. [Peer Reviewed]. *American Psychologist*, 54(8), 594-604. doi: 10.1037/0003-06.

Following books are used to have an idea about "Hypothesis test based on covid 19 pandemic situation changed the student's admission".

EVALUATION OF PHYTOCHEMICAL ANALYSIS, *INVITRO* ANTI-OXIDANT, ANTI-MICROBIAL ACTIVITIES AND FTIR ANALYSIS OF *ANDROGRAPHIS PANICULATA* FLOWERS EXTRACTS

**A dissertation submitted to
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 BIOCHEMISTRY**

Submitted by

Ms. R. AMUDHAVADHANI

Register No. A20MBC01

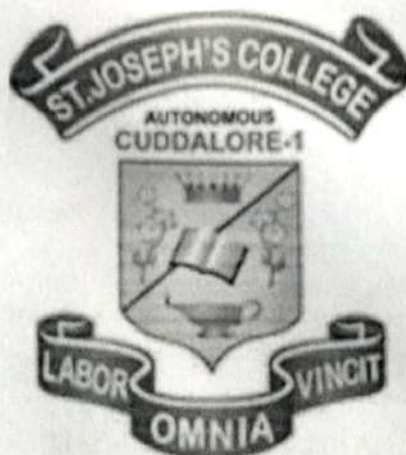
Under the Guidance of

**Mrs. S. SEETHALAKSHMI, M.Sc., M. Phil.,
Assistant Professor, Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re – accredited by NAAC with “A” Grade;
Recognized UAS 2(f) & 12 (B) of the UGC Act, 1956)
CUDDALORE – 1**

JULY -2022



CERTIFICATE

This is to certify that the Dissertation on "EVALUATION OF PHYTOCHEMICAL ANALYSIS, *INVITRO* ANTI-OXIDANT, ANTI-MICROBIAL ACTIVITIES AND FTIR ANALYSIS OF *ANDROGRAPHIS PANICULATA* FLOWERS EXTRACTS" is a bonafide record of project work done by Ms. R. AMUDHAVADHANI, Reg. No. A20MBC01 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.

[Handwritten Signature]

SIGNATURE OF THE GUIDE

Place: CUDDALORE

Date: 08.07.2022

Examiners:

1. *[Handwritten Signature]* 8/7/22
2. *[Handwritten Signature]* 8/7/22

[Handwritten Signature]

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.

PREPARATION AND CHARACTERIZATION OF KERATIN NANOPARTICLES WITH *NIGELLA SATIVA* EXTRACT

A dissertation submitted to

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 BIOCHEMISTRY

Submitted by

Ms. T. AYESWARIYA

Register No. A20MBC02

Under the Guidance of

Dr. P. MARIE AROCKIANATHAN, M.Sc., M. Phil., Ph.D., PGDHRM

Head, PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade;

Recognized UAS 2(f) & 12 (B) of the UGC Act, 1956)

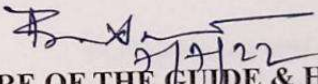
CUDDALORE – 1

JUNE -2022



CERTIFICATE

This is to certify that the Dissertation on "PREPARATION AND CHARACTERIZATION OF KERATIN NANOPARTICLES WITH *NIGELLA SATIVA* EXTRACT" is a bonafide record of project work done by Ms. T. AYESWARIYA, Reg. No. A20MBC02 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 & 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: *8-07-22*

Examiners:

1. *Charanyan 8/7/22*
2. *M. Krishnaveni 8/7/22*

**EVALUATION OF PHYTOCHEMICAL CHARACTERISTICS,
ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF AQUEOUS AND
ETHANOLIC EXTRACT OF *DELONIX elata***

A dissertation submitted to
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 BIOCHEMISTRY

Submitted by
Ms. P. DHARANI
Register No. A20MBC03

Under the Guidance of
Mr. J. JOHN ROBERT., M.Sc., M. Phil
Head, PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade;
Recognised U/S 2(f) & 12 (B) of the UGC Act, 1956)
CUDDALORE – 1



CERTIFICATE

This is to certify that the Dissertation on “**EVALUATION OF PHYTOCHEMICAL CHARACTERISTICS, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF AQUEOUS AND ETHANOLIC EXTRACT OF *DELONIX elata***” is a bonafide record of project work done by Ms. P. DHARANI, Reg. No. A20MBC03 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: *8.07.2022*

Examiners:

1. *Chandrasekaran* *8/7/22*
2. *Krishna* *8/7/22*

SIGNATURE OF THE H.O.D

Dr. P. MANIYANDANATHAN
PG & Research in Biochemistry
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.

**EVALUATION OF FATTY ACID PROFILE AND ANTIOXIDENT ACTIVITY OF THE
FISH OIL EXTRACTED FROM *Mugil cephalus* FISH**

A dissertation submitted to

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 BIOCHEMISTRY

Submitted by

Ms. M. Dhatchani

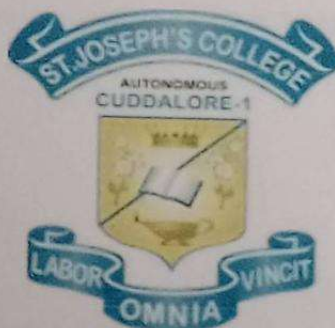
Register No. A20MBC04

Under the Guidance of

Dr. S. CELINE HILDA MARY M.Sc., M.Phil., Ph.D., DMLT

Assistant professor

Head, PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

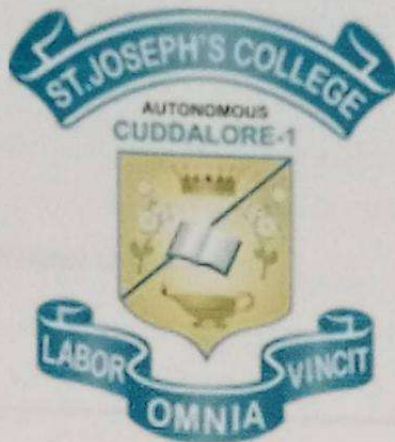
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Re – accredited by NAAC with “A” Grade;

Recognized U\S 2(f) & 12 (B) of the UGC Act, 1956)

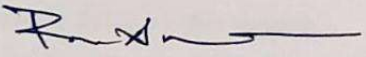
CUDDALORE – 1

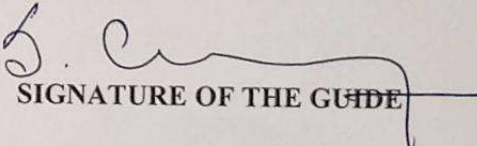
JUNE -2022



CERTIFICATE

This is to certify that the Dissertation on “EVALUATION OF FATTY ACID PROFILE AND ANTIOXIDANT ACTIVITY OF THE FISH OIL EXTRACTED FROM *Mugil cephalus*” FISH is a bonafide record of project work done by Ms. M. DHATCHANI, Reg. No. A20MBC04 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.


Dr. P. MARIE AROCKIANATHAN
SIGNATURE OF THE H.O.D
PG & Research Dept. of Biochemistry
St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 607 001.


SIGNATURE OF THE GUIDE

Place: *cuddalore*

Date: *8.9.2022*

Examiners:

1. *Chandrasekaran 8/9/22*
2. *Krishna 8/9/22*

**PREPARATION AND CHARACTERIZATION OF BIPHASIC CALCIUM
PHOSPHATE COMPOSITES WITH GELATIN, EGG WHITE AND SILICA
NANOPARTICLES**

A dissertation submitted to

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 BIOCHEMISTRY

Submitted by

Mr. G. GANESH BABU

Register No. A20MBC05

Under the Guidance of

Dr. P. MARIE AROCKIANATHAN, M.Sc., M.Phil., Ph.D., PGDHRM

Head, PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

**ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) (Re –
accredited by NAAC with “A” Grade;**

Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)

CUDDALORE – I

JUNE -2022



CERTIFICATE

This is to certify that the Dissertation on "PREPARATION AND CHARACTERIZATION OF BIPHASIC CALCIUM PHOSPHATE COMPOSITES WITH GELATIN, EGG WHITE AND SILICA NANOPARTICLES" is a bonafide record of project work done by Mr. G. GANESH BABU, Reg. No. A20MBC05 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 & 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: *08/07/2022*

Examiners:

1. *Chandrasekhar 8/7/22*
2. *Krishnan 8/7/22*

**INSILICO MOLECULAR DOCKING STUDIES OF OESOPHAGEAL CANCER
PROGNOSTIC MARKERS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
RECEPTOR-C & FASCIN DOCKED WITH 3', 4'-DIHYDROXYFLAVONOL**

A dissertation submitted to

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 BIOCHEMISTRY

Submitted By

Ms. D. GOWTHAMI

Register No.A20MBC06

Under the Guidance of

Dr. S. SILVAN, M.Sc., M.Phil., Ph.D,



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)

(Affiliated to Thiruvalluvar University, Vellore)

CUDDALORE

JUNE- 2022



Ms. D. GOWTHAMI

Reg No. A20MBC06

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 OESOPHAGEAL CANCER PROGNOSTIC MARKERS OF VEGF-C & FASCIN DOCKED WITH 3', 4'-DIHYDROXYFLAVONOL"** bonafide record of protect work done by Ms. D. GOWTHAMI Reg. No. A20MBC06 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.


Dr. P. MARIE AROCKIANATHAN

Head of the Department

PG & Research Dept. of Biochemistry

Head of the Department (Autonomous)

Cuddalore - 607 001.


Signature of the Guide

Place: *cuddalore*

Date: *08.07.2022*

Examiners:

- Chandrasekaran 8/7/22*
- M. Karishma 8/7/22*

CHARACTERIZATION OF DIFFERENT COMPOUNDS FROM PINEAPPLE (*ANANAS COMOSUS*) EXTRACT

A dissertation submitted to 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 BIOCHEMISTRY

Submitted By

P. HARINI

Register No. A20MBC07

Under the Guidance of

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

Assistant Professor

PG & Research Department of Biochemistry

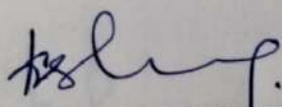


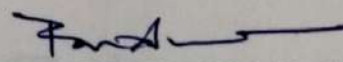
PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(RE- ACCREDITED BY NACC WITH "A" GRADE)
CUDDALORE - 1
JUNE -2022



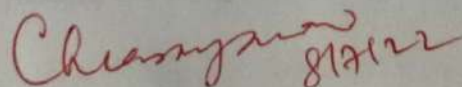
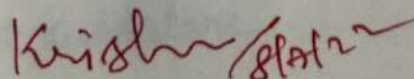
CERTIFICATE

This is to certify that the Dissertation on "CHARACTERIZATION OF DIFFERENT COMPOUNDS FROM PINEAPPLE (ANANAS COMOSUS) EXTRACT" is a bonafide record of project work done by Ms. H. HARINI, Reg. No. A20MBC07, 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
Place: Department of Biochemistry Cuddalore
St. Joseph's College of Arts and Science
Date: Cuddalore - 607 001. 08-07-2022.


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.

Examiners:

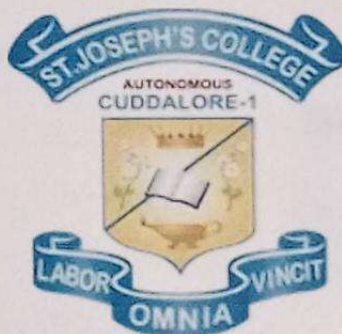
1.  8/7/22
2.  8/7/22

**PHYTOCHEMICAL SCREENING ANTIOXIDANT ACTIVITY, ANTI-
INFLAMMATORY AND ANTI ARTHRITIC ACTIVITY OF MUCILAGE OF
COCCULUS HIRSUTUS LEAVES**

**A dissertation submitted to
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 BIOCHEMISTRY**

**Submitted by
Ms. K. HEMAPRIYA
Register No. A20MBC08**

**Under the Guidance of
Mrs. D. LEEMA ROSE MARY. M.Sc., M. Phil.
Assistant Professor
PG & Research Department of Biochemistry**

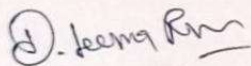


**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re – accredited by NAAC with “A” Grade;
Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)
CUDDALORE – 1
JUNE 2022**



CERTIFICATE

This is to certify that the Dissertation on "PHYTOCHEMICAL SCREENING, ANTIOXIDANT ACTIVITY, ANTI-INFLAMMATORY AND ANTI ARTHRITIC ACTIVITY OF MUCILAGE OF *COCCULUS HIRSUTUS* LEAVES" is a bonafide record of project work done by Ms. K. HEMAPRIYA, Reg. No. A20MBC08 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**.

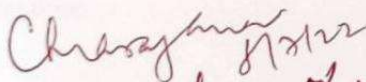
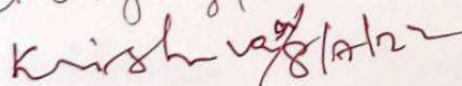


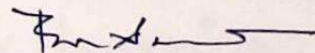
SIGNATURE OF THE GUIDE

Place: Cuddalore

Date: 08.07.2022

Examiners:

1. 
2. 



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.

EXTRACTION AND CHARACTERIZATION OF KERATIN FROM NATIVE AND BROILER CHICKEN FEATHERS

A dissertation submitted to

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 BIOCHEMISTRY

Submitted by

Ms. D. ILAKKIYA

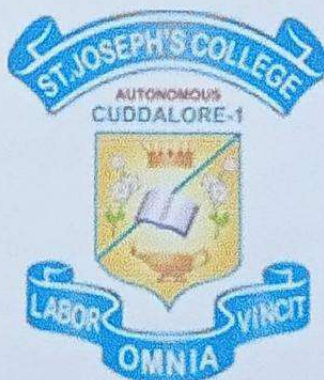
Register No. A20MBC09

Under the Guidance of

Mr. A. LAWRENCE, M.Sc., M.Phil.

Assistant professor

Head, PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade)

CUDDALORE – 1

JUNE – 2022



CERTIFICATE

This is to certify that the Dissertation on **“Extraction and Characterization of Keratin from Native and Broiler Chicken Feathers”** is a bonafide record of project work done by Ms. **D.ILAKKIYA, Reg. No.A20MBC09** 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: *8-7-22*

Examiners:

Chandrasekar 8/7/22
Krishnan 8/7/22

**EVALUATION OF PHYTOCHEMICAL CHARACTERISTIC ,
ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF
*SPHAERANTHUS INDICUS***

**A dissertation submitted to
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 BIOCHEMISTRY**

**Submitted By
Mr. G.KUBERAN
Register No. A20MBC10**

**Under the Guidance of
Mr. J.JOHN ROBERT., M.Sc., M.Phil.,**

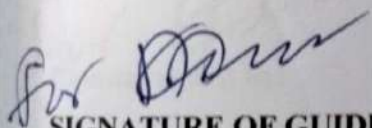


**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
St.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re-Accredited by NAAC with 'A' Grade; Recognised U\ S 2(f)&12(B) of the UGC Act,1956)
CUDDALORE
MAY- 2020**



CERTIFICATE

This is to certify that the Dissertation on **EVALUATION OF PHYTOCHEMICAL CHARACTERISTICS , ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF SPHAERANTHUS INDICUS** is a bonafide record of protect work done by Mr. G.KUBERAN, Reg. No. A20MBC10 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.

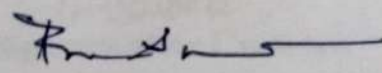

SIGNATURE OF GUIDE

Place: Cuddalore

Date: 08/07/22

Examiners:

1. Chasayam 8/7/22
2. Krishnan 8/7/22


SIGNATURE OF 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.

**INSILICO MOLECULAR DOCKING STUDIES ON OVARIAN
CANCER PROGNOSTIC MARKERS OF B7-H4 & MESOTHELIN
DOCKED WITH BUTEIN**

A dissertation submitted to

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 BIOCHEMISTRY

Submitted By

Ms. M. PATHMAVATHI

Register No.A20MBC11

Under the Guidance of

Dr. S. SILVAN , M.Sc., M.Phil.,Ph.D,



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(A Christian Minority Institution, Recognised u/s 2(f) & 12 (B) of the UGC Act, 1956)

(Affiliated to Thiruvalluvar University, Vellore)

CUDDALORE

JUNE – 2022



Ms. M.PATHMAVATHI

Reg. No. A20MBC11

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

CERTIFICATE

This is to certify that the Dissertation on **"INSILICO MOLECULAR DOCKING STUDIES ON OVARIAN CANCER PROGNOSTIC MARKERS OF B7-H4 & MESOTHELIN DOCKED WITH BUTEIN"** is a bonafide record of protect work done by **Ms. M,PATHMAVATHI** Reg.No.A20MBC11 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.

Dr. P. MARIE AROCKIANATHAN

[Signature]
PG & R. Department of Biochemistry
Head of the Department (Autonomous)
Cuddalore - 607 001.

[Signature]
Signature of the Guide

Place: *Cuddalore*

Date: *8/07/2022*

Examiners:

1. *Charayana 8/7/22*
2. *Krishna 8/7/22*

EXTRACTION AND CHARACTERIZATION OF GELATIN FROM
***“Mugil cephalus”* FISH SCALES**

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 SCIENCE IN BIOCHEMISTRY

Submitted by

Ms. R.PRAVEENA

Register No. A20MBC12

Under the Guidance of

Dr.S.CELINE HILDA MARY, M.Sc., M.Phil., Ph.D., DMLT,

Assistant professor

PG and Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade)

CUDDALORE – 1

JUNE – 2022



CERTIFICATE

This is to certify that the Dissertation on **EXTRACTION AND CHARACTERIZATION OF GELATIN FROM "*Mugil cephalus*" FISH SCALES** is a bonafide record of project work done by Ms. R.PRAVEENA, Reg. No. A20MBC12 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

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

Signature of the Guide

Examiners:

1. 8/7/22
2. 8/7/22



MS.R.PRAVEENA

REG NO: A20MBC12

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

DECLARATION

I hereby state that the Dissertation entitled **EXTRACTION AND CHARACTERIZATION OF GELATIN FROM “*Mugil cephalus*” FISH SCALES** has been originally carried out by me during the academic year 2021 – 2022 under the guidance and supervision of **Dr.S.CELINE HILDA MARY, M.Sc., M.Phil., Ph.D., DMLT PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore – 1**, and this work has not been submitted elsewhere for any other degree.

Countersigned by:

Praveena . X .
Signature of the candidate

Dr.S.CELINE HILDA MARY, M.Sc., M.Phil., Ph.D., DMLT,

Assistant Professor

PG & Research Department of Biochemistry,

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

Cuddalore-1

Place:

Date:

**PREPARATION AND CHARACTERIZATION OF BIPHASIC CALCIUM
PHOSPHATE COMPOSITES WITH *BLEPHARIS MADERASPATENSIS*
EXTRACT, CHIA SEED AND SILICA NANOPARTICLES**

A dissertation submitted to

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 BIOCHEMISTRY**

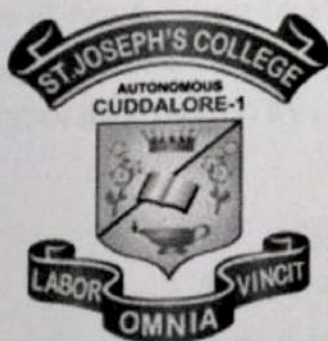
Submitted by

Ms. B. PRIYADHARSHINI

Register No. A20MBC13

Under the Guidance of

**Dr. P. MARIE AROCKIANATHAN., M.Sc., M.Phil., Ph.D., PGDHRM.,
Head, PG and Research Department of Biochemistry**



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade;

Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)

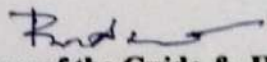
CUDDALORE – 1

JUNE 2022



CERTIFICATE

This is to certify that the Dissertation entitled **"PREPARATION AND CHARACTERIZATION OF BIPHASIC CALCIUM PHOSPHATE WITH COMPOSITES *B.MADRASPATENSIS* EXTRACT , CHIA AND SILICA NANOPARTICLES"** is a bonafide record of Project work done by Ms. **B.PRIYADHARSHINI**, Reg. No. A20MBC13 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 degree of **MASTER OF SCIENCE IN BIOCHEMISTRY** .

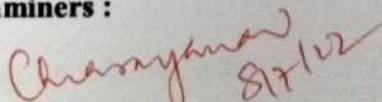
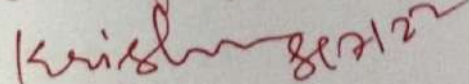

Signature of the Guide & HOD

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 : 08-07-2022

Examiners :

- 1)  8/7/22
- 2)  8/7/22

**PHYTOCHEMICAL SCREENING , ANTIOXIDANT,
ANTIMICROBIAL ACTIVITY AND FTIR ANALYSIS OF
BRUGUIERA CYLINDRICA FLOWERS EXTRACT**

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 SCIENCE IN BIOCHEMISTRY

Submitted by
Ms. R. RAJALAKSHMI
Register No. A20MBC14

Under the Guidance of
Ms. R. ANITHA, M.Sc., M. Phil., B.Ed.,
Assistant Professor,
PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade;
Recognised U\S 2(f) & 12 (B) of the UGC Act, 1956)

CUDDALORE – 1

JUNE – 2022



CERTIFICATE

This is to certify that the Dissertation on **“PHYTOCHEMICAL SCREENING, ANTIOXIDANT, ANTIMICROBIAL ACTIVITY AND FTIR ANALYSIS OF BRUGUIERA CYLINDRICA FLOWERS EXTRACT”**

is a bonafide record of project work done by Ms. R. RAJALAKSHMI, Reg. No. A20MBC14 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**.

R. Jeetha

SIGNATURE OF THE GUIDE

Place: *Cuddalore*

Date: *08-07-22*

Examiners:

- Cheran*
8/7/22
- Prishan*
8/7/22

P. Marie Arockianathan

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.

Ms. R. RAJALAKSHMI

Reg No: A20MBC14

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

Cuddalore - 607 001.

DECLARATION

I hereby state that the Dissertation entitled on "**PHYTOCHEMICAL SCREENING, ANTI-OXIDANT , ANTIMICROBIAL ACTIVITY AND FTIR ANALYSIS OF BRUGUIERA CYLINDRICA FLOWERS EXTRACT**"

"has been originally carried out by me during the academic year 2020 - 2022 under the guidance and supervision of **Ms. R. ANITHA, M.Sc., M. Phil., B.Ed.** PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore - 1, and this work has not been submitted elsewhere for any other degree.



Countersigned by:



Signature of the Candidate

Ms. R. ANITHA, M.Sc., M. Phil., B.Ed.

Assistant Professor,

PG & Research Department of Biochemistry,

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

Cuddalore.

Place: Cuddalore

Date: 08/07/22.

ANTI-ARTHRITIC AND ANTI-MICROBIAL ACTIVITIES OF THREE DIFFERENT NUTS (ALMOND, CASHEW, PEANUT)

A dissertation submitted to 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 BIOCHEMISTRY

Submitted By

A.SANGEETHA

Register No. A20MBC15

Under the Guidance of

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

Assistant Professor

PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(RE- ACCREDITED BY NACC WITH "A" GRADE)
CUDDALORE - 1
JUNE -2022



CERTIFICATE

This is to certify that the Dissertation on "ANTI-ARTHRITIC AND ANTI-MICROBIAL ACTIVITY OF THREE DIFFERENT NUTS (ALMOND, CASHEW, PEANUT)" is a bonafide record of project work done by **Ms. A.SANGEETHA**, Reg. No. A20MBC15 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.

Cuddalore

Date: 08-07-2022

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.

Examiners:

- 1.
- 2.

A. SANGEETHA,
Reg. No. A20MBC15,
St. Joseph's College of Arts & Science (Autonomous),
Cuddalore - 607 001.



DECLARATION

I hereby state that the Dissertation entitled "**ANTI-ARTHRITIC AND ANTI-MICROBIAL ACTIVITIES OF THREE DIFFERENT NUTS (ALMOND, CASHEW, PEANUT)**" has been originally carried out by me during the academic year 2018-2020 under the guidance and supervision of **Dr. K. SHAGIRTHA, M.Sc., M.Phil., Ph.D.,** PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore-1, and this work has not been submitted elsewhere for any other degree.

Countersigned by:

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

Signature of the Candidate

Place: *Cuddalore - 1*

Date: *08-07-2022*

**ISOLATION, EXTRACTION AND CHARACTERIZATION OF KERATIN
FROM TURKEY AND BROILER CHICKEN FEATHERS**

A dissertation submitted to

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 BIOCHEMISTRY

Submitted by

Mr. P. SANTHOSH KUMAR

Register No. A20MBC16

Under the Guidance of

Mr. A. LAWRENCE, M.Sc., M.Phil,

Assistant professor

Head, PG & Research Department of Biochemistry



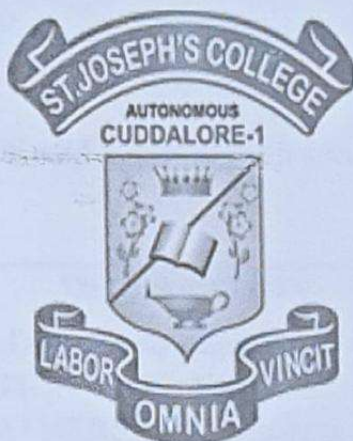
PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade)

CUDDALORE – 1

JUNE – 2022



CERTIFICATE

This is to certify that the Dissertation on "ISOLATION, EXTRACTION AND CHARACTERIZATION OF KERATIN FROM TURKEY AND BROILER CHICKEN FEATHERS" is a bonafide record of project work done by Mr. P. SANTHOSH KUMAR, Reg. No. A20MBC16 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: 08/07/22

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.

Examiners:

1. Chennayyan 8/7/22
2. Krishnakumar 8/7/22

**PHYSIOCHEMICAL CHARACTERISATION ANTIOXIANT ACTIVITY,
ANTI-INFLAMMATORY ACTIVITY AND ANTI-ARTHRITIC ACTIVITY
OF PEDALIMUM MUREX LEAVES MUCLAGE**

A dissertation submitted to

**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 BIOCHEMISTRY**

Submitted by

**Ms. D. SOWMIYA
Register No. A20MBC18**

Under the Guidance of

**Mrs. D. LEEMA ROSE MARY M.Sc., M. Phil.,
ASSISTANT PROFESSOR
PG & Research Department of Biochemistry**



**PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re – accredited by NAAC with “A” Grade;
Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)
CUDDALORE – 1
JUNE – 2022**



CERTIFICATE

This is to certify that the Dissertation on “**PHYSIOCHEMICAL CHARACTERISATION ANTI-OXIDANT ACTIVITY, ANTI-INFLAMMATORY ACTIVITY AND ANTI-ARTHRITIC ACTIVITY OF PEDALIUM MUREX LEAVES MUCLAGE**” is a bonafide record of project work done by Ms. D. SOWMIYA, Reg. No. A20MBC18 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: 08.07.2022

Examiners:

1. 8/7/22
2. 8/7/22

SCREENING OF PHYTOCHEMICAL CONSTITUENTS ANTIOXIDANT ACTIVITY AND PROXIMATE COMPOSITION OF CLOVE OIL

A dissertation submitted to
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 BIOCHEMISTRY

Submitted by
Ms. K. SUBALAKSHMI
Register No. A20MBC19

Under the Guidance of
Dr. N. PRIYA M.Sc., M. Phil., Ph.D.,
PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re - accredited by NAAC with "A" Grade;

Recognized U.S. 2(f) & 12 (B) of the UGC Act, 1956)

CUDDALORE - 1

MAY - 2022



CERTIFICATE

This is to certify that the Dissertation on **“SCREENING OF PHYTOCHEMICAL CONSTITUENTS, ANTI OXIDANT PROXIMATE COMPOSITION OF CLOVE OIL”** is a bonafide record of project work done by **Ms. K. SUBALAKSHMI**, Reg. No. **A20MBC19** 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: *08/07/2022*

Examiners:

1. *Cherayyan 8/7/22*
2. *Krishna 8/7/22*

**IN VITRO ANTIOXIDANT ACTIVITY, ANTI- INFLAMMATORY
ACTIVITY AND ANTI ARTHRITIC ACTIVITY OF ORMOCAPUM
COCHINCHINENSE LEAVES MUCILAGE**

**A dissertation submitted to
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 BIOCHEMISTRY**

**Submitted by
Mrs. R. SUSHMA
Register No. A20MBC20**

**Under the Guidance of
Mrs. D. LEEMA ROSE MARY M.Sc., M. Phil.,
ASSISTANT PROFESSOR
PG & Research Department of Biochemistry**



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

**(Re – accredited by NAAC with “A” Grade;
Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)**

CUDDALORE – 1

JUNE – 2022



CERTIFICATE

This is to certify that the Dissertation on “*IN VITRO*ANTIOXIDANT ACTIVITY, ANTI- INFLAMMATORY ACTIVITY AND ANTI ARTHRITIC ACTIVITY OF ORMOCAPUM COCHINCHINENSE LEAVES MUCILAGE” is a bonafide record of project work done by Mrs. R. SUSHMA, Reg. No. A20MBC20 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: Cuddalore

Date: Examiners:

1. Chamyarajan
2. Krishnan

Dr. P. MARIE AROCKIANATHAN

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

PREPARATION OF SOAP USING DONKEY'S MILK

A dissertation submitted to

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 BIOCHEMISTRY

Submitted By

Ms. K. DEEPA

Register No. A20MBC21

Under the Guidance of

Dr. R. RAMAKRISHNAN, Ph.D.,

PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY



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

**(Re-Accredited by NAAC with 'A' Grade;
Recognised U/S 2(F) & 12(B) of the UGC Act, 1956)**

CUDDALORE - 1

JUNE-2022



CERTIFICATE

This is to certify that the Dissertation on "PREPARATION OF SOAP USING DONKEY'S MILK" is a bonafide record of protect work done by Ms. K. DEEPA, Reg. No. A20MBC21 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.

Signature of the Guide

Signature of the 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: *8/7/22*

Examiners:

1. *Chandrasekar 8/7/22*
2. *Krishnan 8/7/22*

DETERMINATION OF AMINO ACIDS COMPOSITION AND PARTIAL CHARACTERIZATION OF KERATIN EXTRACTED FROM TURKEY AND COUNTRY CHICKEN FEATHERS

A dissertation submitted to

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 BIOCHEMISTRY

Submitted by

Mr. S. TAMILSELVAN

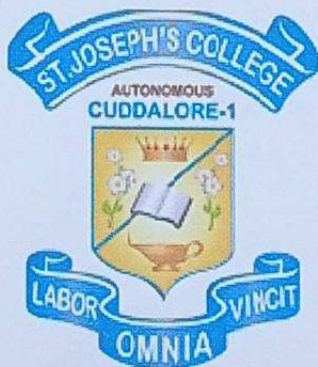
Register No. A20MBC22

Under the Guidance of

Mr. A. LAWRENCE, M.Sc., M.Phil,

Assistant professor

PG and Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re – accredited by NAAC with “A” Grade)

CUDDALORE – 1

JUNE – 2022



CERTIFICATE

This is to certify that the Dissertation on “**Determination of Amino Acids Composition and Partial Characterization of Keratin Extracted from Turkey and Country Chicken Feathers**” is a bonafide record of project work done by Mr. S.TAMILSELVAN, Reg. No. A20MBC22 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

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

Place: ~~Cuddalore~~ Cuddalore - 607 001.

Signature of the Guide

Date: 08-07-2022

Examiners:

1. 8/7/22
2. 8/7/22

**REMOVAL OF HEAVY METAL NICKEL FROM SIPCOT INDUSTRIAL
AREA POLLUTED WATER USING SEEDS OF
*STRYCHNOS POTATORUM***

A dissertation submitted to

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 BIOCHEMISTRY

Submitted By

NAME: K.S.NANTHINI

Register No. A20MBC23

Under the Guidance of

Dr. R .RAMAKRISHNAN., Ph.D,



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

(Re-Accredited by NAAC with 'A' Grade; Recognized U\ S 2(f) & 12(B) of the UGC Act,1956)

CUDDALORE

JUNE- 2022



CERTIFICATE

This is to certify that the Dissertation on **"REMOVAL OF HEAVY METAL NICKEL FROM SIPCOT INDUSTRIAL AREA POLLUTED WATER USING SEEDS OF *STRYCHNOS POTATORUM*"** is a bonafide record of protect work done by Ms. K.S. NANTHINI , Reg. No. A20MBC23 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.

SIGNATURE OF THE GUIDE

Place: Cuddalore

Date: 8/7/22

Examiners:

1. Channayyan 8/7/22
2. M. Krishnan 8/7/22

SIGNATURE OF THE HOD

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

PREPARATION AND CHARACTERIZATION OF GELATIN, ALGINATE
HYDROGEL INCORPORATED WITH ETHANOLIC EXTRACTS OF
GOMPHRENA GLOBASA

A dissertation submitted to
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 BIOCHEMISTRY

Submitted By

Ms. J. GNANA SOWNDHARYA

Register No. A20MBC24

Under the Guidance of

Mrs. S. SEETHA LAKSHIMI, M. Sc., M. Phil.,

Assistant Professor, PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
(Re- accredited by NACC with "A" Grade)

CUDDALORE – 1

JULY - 2022



CERTIFICATE

This is to certify that the Dissertation on "**PREPARATION AND CHARACTERIZATION OF GELATIN, ALGINATE HYDROGEL INCORPORATED WITH ETHANOLIC EXTRACTS OF GOMPHRENA GLOBOSA**" is a bonafide record of project work done by **Ms. J. GNANA SOWNDHARYA**, Reg. No. A20MBC24 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**.

Dr. P. MARIE AROCKIANATHAN
SIGNATURE OF THE H.O.D.

PG & Research Dept. of Biochemistry

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

Cuddalore - 607 001.

Place: Cuddalore

Date: 08/07/2022

SIGNATURE OF THE GUIDE

Examiners:

1. Changanayyan Sivasubramanian
2. Krishnan Sivasubramanian

**“EVALUATION AND CHARACTERIZATION (ANTIOXIDANT,
ANTICANCER, ANTIMICROBIAL ACTIVITY, GC-MS & FTIR)
OF “*Musa acuminata*” (RED DACCA) PEEL EXTRACT**

A dissertation submitted to

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 BIOCHEMISTRY**

Submitted by

Mrs.T.Bala Bavithra

Register No. A20MBC25

Under the Guidance of

Mrs. Dr. S. CELINE HILDA MARY M.Sc., M.Phil., Ph.D., DMLT

Assistant professor

PG & Research Department of Biochemistry



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

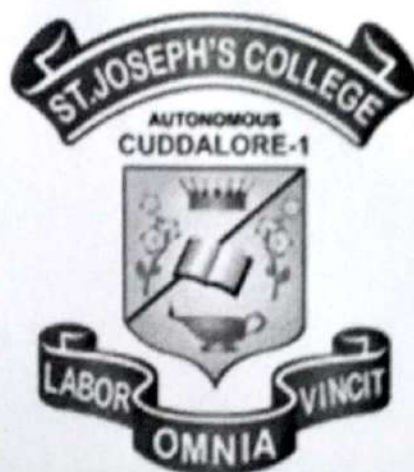
ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Re – accredited by NAAC with “A” Grade;

Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)

CUDDALORE – 1

JUNE -2022



CERTIFICATE

This is to certify that the Dissertation on "EVALUATION AND CHARACTERIZATION (ANTIOXIDANT, ANTICANCER, ANTIMICROBIAL ACTIVITY, GC-MS & FTIR) OF "*Musa acuminata*" (RED Dacca) PEEL EXTRACT is a bonafide record of project work done by Mrs. BALA BAVITHRA.T, Reg. No. A20MBC25 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

GUIDE

Dr. P. MARIE AROCKIANATHAN

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

Date: 08.07.2022

SIGNATURE OF THE

Examiners:

1. 8/7/22
2. 8/7/22

INSILICO PREDICTIVE STUDIES OF EUGENOL BINDING WITH OBESITY TARGET PROTEIN USING MOLECULAR DOCKING

**A dissertation submitted to
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 BIOCHEMISTRY**

**Submitted by
Mr. R. Raja
Register No. A20MBC26**

**Under the Guidance of
Dr. N. PRIYA, M.Sc., M. Phil., Ph.D.,**



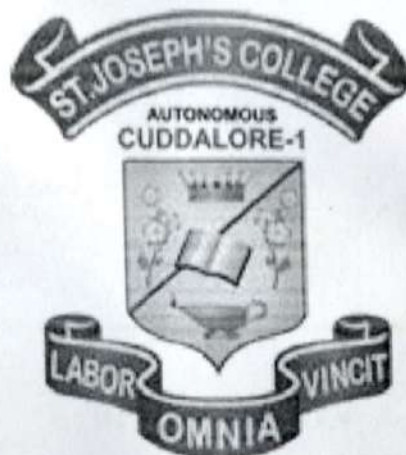
PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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

**(Re – accredited by NAAC with “A” Grade;
Recognized U/S 2(f) & 12 (B) of the UGC Act, 1956)**

CUDDALORE – 1

JUNE -2022



CERTIFICATE

This is to certify that the Dissertation on “INSILICO PREDICTIVE STUDIES OF EUGENOL BINDING WITH OBESITY TARGET PROTEIN USING MOLECULAR DOCKING” is a bonafide record of project work done by Mr. R. Raja, Reg. No. A20MBC26 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: *08/07/2022*

Examiners:

1. *Chandrasekaran*
2. *Krishna* 8/7/22

SIGNATURE OF THE HOD

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

PG & RESEARCH DEPARTMENT OF MICROBIOLOGY
ST.JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
CUDDALORE-1

DETAILS OF STUDENTS PROJECTS-2021-2022

CLASS : II M.Sc., Applied Microbiology

S.No.	Roll No.	Name of the Student	Name of the Guide	Topic
1	A20MMB01	Abirami P.S	Dr. J. Jayaprakash	Antibacterial and Photocatalytic activity of biosynthesized Zinc oxide nanoparticles
2	A20MMB02	Agash Thiyobil R	Dr. Joseph C. Daniel	Isolation of Autochthonous bacteria from Pharmaceutical industrial effluents
3	A20MMB03	Barath S	Dr. Joseph C. Daniel	Seroprevalence study on Hepatitis B and Dengue viral infections among patients visiting private clinics
4	A20MMB04	Jesinthna A	Dr.C.Swaminathan	Biosynthesis of Silver Nanoparticles from <i>Caesalpinia bonduc</i> (L.) seed extract and evaluation of their antimicrobial activity
5	A20MMB05	Kalaiarasan D	Dr.C.Swaminathan	Bioprospecting potential of endophytic bacteria from the leaves of mangrove plant
6	A20MMB06	Kayathri V	Dr. P.John Thomas	Studies on Ascidian associated Halophilic bacteria and its enzyme properties
7	A20MMB07	Keerthiga E	Dr.D Sumitha	Isolation and identification of Enterobacteriaceae members from broiler chicken and their antimicrobial susceptibility
8	A20MMB08	Navasakthi	Dr. Krishnan	Biosynthesis of Selenite Nanoparticles using <i>Spirulina</i> extract and study its Antimicrobial and Antioxidant properties
9	A20MMB09	Ramya R	Dr. M.Parimala Celia	Antimicrobial activity of <i>Syzygium aromaticum</i> flower bud against pathogenic bacterial isolates screened from fresh minced beef and antioxidant studies
10	A20MMB10	Sathya M	Dr. D.Sumitha	<i>Invitro</i> probiotic evaluation of lactic acid bacteria isolated from fish

				intestine for antioxidant, anti-diabetic and cytotoxic properties
11	A20MMB11	Sowmiya P	Dr. Joseph C. Daniel	Screening of plant extract for Antimicrobial activity against multidrug resistant bacteria
12	A20MMB12	Sumathi G	Dr. D. Sumitha	An <i>invitro</i> investigation of Bacteriocin produced by <i>Pediococcus</i> species isolated from traditional fermented food as food additive
13	A20MMB14	Yuvamathi	Dr.R. Krishnan	Green synthesis of iron oxide nanoparticles using <i>Carica papaya</i> plant extract and study its antimicrobial and antioxidant properties
14	A20MMB15	Arun Kumar VK	Dr. R. Krishnan	Assessment of <i>Agaricus bisporus</i> extract as a biocontrolling agents against human pathogens
15	A20MMB16	Gayathri RK	Dr. M.Parimala Celia	Antimicrobial activity of <i>Cinnamomum verum</i> park against pathogenic bacterial isolates screened from fresh minced meat and antioxidant study
16	A20MMB17	Kalpana D	Dr. D. John Milton	<i>Invitro</i> studies on antimicrobial and anti-oxidant activities of <i>Azolla</i> against human pathogens
17	A20MMB18	Vinitha K	Dr. J. Jayaprakash	Biosynthesis of Zinc Oxide nanoparticles by using <i>Cissus quadrangularis</i>
18	A20MMB19	Sowmiya P	Dr. D. John Milton	Studies on antibacterial activity of <i>Cymbopogon citratus</i> against human pathogens
19	A20MMB20	Indraprasath M	Dr.C.Swaminathan	Isolation and Characterization of Cadmium resistant plant growth promoting bacteria from Paddy field soil
20	A20MMB21	Sivakumar R	Dr. D. John Milton	Isolation and characterization of <i>Azospirillum</i> from agricultural soils
21	A20MMB22	Harish H	Dr. P. John Thomas	Studies on Ascidian associated alkalophilic bacteria and its enzyme properties


Dr. J. Jayaprakash, M.Sc., PhD.,
 Head, Department of Microbiology,
 St. Joseph's College of Arts & Science,
 (Autonomous), Cuddalore - 607 001.