E-mail : josecol27998@gmail.com
Website: www.sjctnc.edu.in

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

PROJECT SYLLABUS

B.A. ENGLISH

III B.A., ENGLISH	PROJECT From Batch 2021	Code: 21JEN601
SEMESTER – VI		HRS / WK 3
CORE – XII		CREDITS: 3

Objectives:

- To write academically following the entrenched rules.
- To write thesis effectively on the carefully selected topic.
- To enhance the critically analyzing capability of the students.

Course Outcomes

At the end of the course , students exhibit:

CO1. Liberty to choose any genre from within the prescribed topics to write a thesis (mini project) effectively

CO 2. Critical analysis and research of the depth of meaning in various branches of literature during the 20th and 21st century - British , American ,Scottish ,Indian writing ,Canadian & Children's .

CO 3. A holistic approach to understand & appreciate the layers of ideas expressed in the medium of poetry.

CO 4. Familiarity with the various literary genres and movements ,with the depth of insight to work on their project.

CO 5. Research aptitude as a skill pertaining to a domain

SEMESTER VI	COURSE CODE:21JEN601	COURSE TITLE: PROJECT	HOUR3	CREDITS: 3
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)	PROGRAMME SPECIFIC OUTCOMES (PSO)		MEAN SCORE OF CO'S

Co	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	Mean score
CO1	5	5	4	4	5	5	5	5	2	5	5	5	3	4.4
CO2	5	5	4	5	5	5	5	5	3	5	5	5	5	4.7
CO3	5	5	4	5	5	5	5	5	3	5	5	5	5	4.7
CO4	5	5	5	5	5	5	5	5	3	5	5	5	3	4.6
CO5	5	5	5	5	5	5	5	5	3	5	5	5	3	4.6
Mean Overall Score														4.6

Result : The score of this course 4.6 (**VERY HIGH**)

Association	**1%-20%**	**21%-40%**	**41%-60%**	**61%-80%**	**81%-100%**
Scale	**1**	**2**	**3**	**4**	**5**
Intervel	**0<=rating< =1**	**1.1<=rating< =2**	**2.1<=rating< =3**	**3.1<=rating< =4**	**4.1<=rating< =5**
Rating	**Very Poor**	**Poor**	**Moderate**	**High**	**Very High**

The value shows that the course has **VERY HIGH** associationwith programme outcomes and programme specific outcomes

	CONTENTS
CHAPTER -1	INTRODUCTION
	OBJECTIVES OF THE STUDY
	NEED FOR THE STUDY
	HYPOTHESIS OF THE STUDY
	SCOPE OF THE STUDY
	LIMITATIONS OF THE STUDY
	RESEARCH METHODOLOGY / READING FRAMEWORK. 1) Close reading 2) Thematic Study 3) Historical and Cultural Contexts 4) Comparative Study 5) Literary Historiography 6) Application of a literary theory. 7) Contemporary relevance.
Chapter -2	Review of Literature ● Critical Reception of the work(s). ● Contemporary Reception of the work(s). ● Overview of the Critical Theory or Framework chosen.
Chapter -3	Overview: ● Summary of the Text(s). ● Biographical details of the Author.
Chapter 4	Critical Analysis: ●Critical Analysis of the Text(s) following the research method/reading framework.
Chapter 5	Summary of Findings, Suggestions, Conclusion.
	References.

Unit - 1 (Introduction & Modern age to Postmodern Age)

1. Introduction to Research - Introduction to Quality Research – Selecting the Topic - Introduction to Mechanics of Research Writing – Format of Writing Work Citation
2. British drama and Short story
3. American Literature Drama and Short story
4. Indian English British Drama and Short story

Unit -2 (20th century& 21st Century Literature)

1. British Fiction
2. American Fiction
3. Indian writing in English Fiction
4. African Fiction

Unit -3 (20th Century & 21st Century Poetry)

1. British Poetry
2. Indian Writing in English Poetry
3. American Poetry
4. African Poetry

Unit - 4 (Movements)

1. Expressionism
2. Impressionism
3. Cubism
4. Surrealism
5. Theatre of Absurd

Unit -5 (20th & 21st Century Critical Theories)

1. New criticism, Structuralism, Poststructuralism, Deconstruction, Postcolonialism, Feminist criticism,
2. Marxism , Cultural studies, Eco criticism.

Reference Book:

1.*MLA Handbook*, 9th Edition. The Modern Language Association of America, Print. 2021.

Project Guidelines

1) Nature: This B.A. Project Work is an individual work. The Project Work will involve detailed analysis of literary work(s). It will demonstrate the critical thinking skills and research aptitude.
2) Chapter: The B.A. Project Work is a written document. It consists of multiple chapters. Each chapter has a specific purpose as outlined above.
3) Length: The thesis should be no less than 23000 words and should not exceed 25000 words. This does not include footnotes, endnotes, bibliography, or references.
4) HonorCode: The student must append an acknowledgement stating that the work is original.
5) Evaluation: Each Thesis will be reviewed by the faculty in-charge. In case the faculty finds the dissertation unacceptable a second review may be recommended by the Head. Once the project work is accepted, a viva-voce exam will be conducted.
6) Formatting:
    a. The Title or Front Page shall consist of the following items:
        i. Name of the Department
        ii. The Logo of the College
        iii. College and University name
        iv. Title of the Project Work.
        v. Name of the student
        vi. Roll Number
        vii. Registration Number
        viii. Title of Project Work
        ix. Date of Submission.
        x. In Partial fulfillment for the award of Bachelor of Arts in English Degree.

Note: The Template for the Front Page shall be available from the Department of English.

b. Certificate of Submission.
c. Abstract
    i. 150-word abstract of the Project Work.
d. Table of Contents
    i. It shall list certification/submission pages, acknowledgement, abstract, and all chapter titles with page number.
e. Formatting, References, and in-text citations should follow the MLA 9th edition Style Guide. A few general rules are provided here:
    i. Font: Times New Roman, Size 12, Typeface Color: Black.
    ii. Margin space: 1" on all sides of the margin.
    iii. The Text should be double spaced.
    iv. Page numbering should be consecutive.

7) Choosing a topic
    a. The student in consultation with the faculty in-charge can choose a topic that interests them. The student will have to register the topic and submit a working abstract within the first month of the semester.

8) Reporting the progress:
    i..The student shall submit a monthly progress report of no less than 1000 words to the faculty in-charge. This may include chapter drafts.
9) Binding and Printing:
    a.The project should be hardbound. It should be printed on white A4 sheet.
10) The B.A. Project work will be evaluated by the Faculty, Department of English. A Viva-Voce will be conducted for the students.

Points to remember

1. Research can be pursued in the genres of fiction, drama, prose, poetry, and short story.
2. Topic selected should not be too old or vague. It should not be too technical, regional or controversial.
3. Clearly defined topic must be fixed in consultation with the guide.
4. Preliminary research work on primary sources (Original textbooks) must be done before deciding on the topic.
5. Select a subject or an issue that will keep us engaged throughout the research writing.
6. The primary reading should be followed by a critical review of literature.
7. Students should submit the project report as a hard bound one.
8. The length of the report must be 10 - 15 pages. Font size must be 12- Times New Roman with a line spacing 1.5 on A4 sheet. It must be written on one side.
9. No students should write on a single topic.
10. The title and the work should be approved by the guide.
11. The format of the thesis should have a definite order- introduction, core chapters and conclusion (5 chapters altogether)
12. Works consulted must be listed in alphabetical order.
13. Order of Writing- Cover Page, Certificate by the Guide, Declaration, Acknowledgement, Abstract, Table of Contents, Introduction, Core chapters, Conclusion, Works Consulted.

B.A. TAMIL

B.A. Tamil	ஆய்வேடு **(PROJECT)** (கள ஆய்வு, நூல் ஆய்வு) மூன்றாம் ஆண்டு **(B.A., Tamil)**	**19JTA601**
SEMESTER – VI		**HRS/WEEK – 0**
Skill based		**CREDIT – 2**

(PROJECT) ஆய்வுத் திட்டம்

வுழிகாட்டுதல்கள்:

- குழுவாக ஆய்வுத் திட்டம் மேற்கொள்ளப்படும்.
- ஒரு குழுவிற்கு நேரடி மாணவர்களின் அதிகபட்ச எண்ணிக்கை
- ஆய்வுத் திட்டப்பணி ஆய்வு செய்யும் இடத்திற்கு நேரில் சென்று செய்யப்படவேண்டும் (முன்னுரிமை) அல்லது இணையவழியாக செய்யப்படவேண்டும்.
- ஆய்வுத் திட்ட அறிக்கையானது கையால் எழுதப்பட்டதாளும், மென் தகடும் (soft copy) துறையில் சமர்பிக்கப்படவேண்டும்.

தேர்வுமுறை:

- ஆய்வுத் திட்டஅறிக்கை - 75 மதிப்பெண்
- வாயலி மாழித் தேர்வு - 25 மதிப்பெண்

ஒருதலைப்பின் கீழ் கிளைத்தலைப்புகள் கொடுக்கபட்டும், கல்வெட்டியல், சுவடியல் குறித்தஆய்வுகள், ஊரும் பேரும் என்ற நிலையில் கள ஆய்வுகள் மேற்கொள்ளலாம்.

நாட்டுப்புறப்பாடல்கள், சிறு தெய்வவழிபாடு, கடல் சார் நிலம், நெய்தல் திணைக்கான நிலம் என சில தலைப்புகள் கொடுத்து ஆய்வுகள் மேற்கொள்ளலாம்.

சூழல் அமைவிற்கு ஏற்ப, ஆய்வு பெருந்தொற்றைக் கருத்தில் கொண்டு பாதிப்புகள் தவிர்த்து உள்ளார்ந்த நிலையில் விருப்பப்பட்டப் பாடப்பகுதியல் 50 பக்கங்களுக்குக் குறையாமல் ஆய்வு அறிக்கை சமர்ப்பிக்க வலியுறுத்துதல்.

சங்க இலக்கிய நூல்கள்இ நீதிநூல்கள் இவற்றில் ஏதேனும் ஒரு நூலைத் தேர்வுசெய்து நூல் ஆய்வு மேற்கொள்ளலாம்.

கடலூர் எழுத்தாளர்கள், வட்டாரப்படைபாளிகள், இலக்கியத்தில் இயற்கை, பண்பாடு, இலக்கிய மாந்தர்கள் இப்படி ஏதேனும் ஒரு நோக்கில் ஆய்வுகள் மேற்கொள்ளலாம்.

B.A. HISTORY

III –B.A (HISTORY)	**PROJECT**	**19JHI601**
SEMESTER -VI		**HRS/WK-6**
PROJECT		**CREDIT-4**

COURSE OBJECTIVES:

- To create an understanding on the past and recent trends in the historical views.
- To analyze the social and cultural changes in India and other than India.
- To promote the creativity and innovation in the field of historical studies.
- To encourage the students with the practical knowledge in the particular selected field of project and to develop their skill.

COURSE OUTCOMES:

Upon successful completion of this project, students will be able to:

- Students will be able to understand the primary sources and secondary sources for the purpose of historical writing.
- To know the meaning of research and to understand the historical research methods through historiography.

COURSE CONTENT:

1. Projects process / Introduction

- Selection of project topics.
- Preparation of project work.
- Overview of project.

2. Project Design

- Collecting primary and secondary sources.
- Descriptive and interpretative methods.
- Analytical and synthetic operations.
- Web sources.

3. Collection of Data

1. Statistical tools
2. Interview methods
3. Questionnaire in methods
4. Computer application in historical research

4. Documentation and Report Writing

Arrangements of contents.

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract

6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as APPENDIX –A

5. Page Numbering

All Page numbers should be typed without punctuation on the bottom center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals.

6. Margin Specification

Top	: 4 cms
Bottom	: 3 cms
Left	: 4.5 cms
Right	: 2.5 cms

7. Binding Specification

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be 2cms width.
- The Cover should be printed in block letters.

8. Viva-Voce examination / Presentation

- Preparing for the project presentation
- Effective communication of project work
- Handling questions and feedback during the defense

9. Project structuring

1. Preparation of outline
2. Hypothesis
3. Documentation procedure
4. Footnes & end notes
5. References
6. Bibliography
7. Appendix
8. Tables & charts
9. Index
10. Glossary
11. Preface
12. Conclusion

B.Sc. MATHEMATICS

III B.Sc (MATHS)	**PROJECT (For the students admitted from the year 2019)**	**19JMT51**
SEMESTER -V		**HRS/WK - 2**
PROJECT		**CREDIT- 2**

COURSE OBJECTIVES:

1. To enhance a deeper understanding of mathematical concepts and methodologies through independent research with data.
2. To involve in practical application of the basic concept.
3. To foster innovation and creativity in the field of mathematics.
4. To improve the analytical thinking and problem-solving skills

COURSE OUTCOMES:

On the successful completion of this course, students will be able to:

1. Identify the suitable theme
2. Explore new areas of mathematical concepts
3. Apply the mathematical models in real-world problem.
4. Solve the critical problem in different methodology.
5. Demonstrate the project outcome.

COURSE CONTENT:

1. Introduction of the project
2. Project design and planning
3. Data collection and Analyses
4. Computational tools and software
5. Presentation

CONTENT AREA:

Students may choose to focus on one of the following areas:

1. Fuzzy set theory
2. Probability and Statistics
3. Graph theory
4. MatLab
5. Numerical methods
6. Algebra and analysis
7. Differential equations
8. Discrete and Applied Mathematics
9. Mathematical finance
10. Analytical geometry

PROJECT REPORT SPECIFICATIONS:

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices

BINDING SPECIFICATION

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be 2cms width.
- The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top	: 4 cms
Bottom	: 3 cms
Left	: 4.5 cms
Right	: 2.5 cms

PAGE NUMBERING

All Page numbers should be typed without punctuation at the center on the bottom of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals.

B.Sc. PHYSICS

III B.Sc (PH)	PROJECT	JPH601
SEMESTER -VI		HRS/WK-5
PROJECT		CREDIT-4

COURSE OBJECTIVES:

- To provide students with practical experience in designing, developing, and implementing an electronics project.
- To encourage the application of theoretical knowledge in real world electronics applications.
- To develop problem solving, project management, and teamwork skills.
- To foster innovation and creativity in the field of electronics.

COURSE OUTCOMES:

Upon successful completion of this course, students will be able to:

- Design and develop an electronics project based on recent trends in physics and electronics.
- Prepare a well-structured project report, adhering to academic standards.
- Present and defend their project work effectively.
- Demonstrate an understanding of the latest advancements in electronics and their applications.

COURSE CONTENT:

1. Introduction to Electronics Projects

- Overview of project work in electronics
- Selection of project topics based on recent trends in physics and electronics

2. Project Design and Development

- Circuit design and simulation
- Component selection and procurement
- Implementation of the project hardware and software
- Troubleshooting and testing

3. Documentation and Report Writing

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as APPENDIX –A

Binding Specification

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be 2cms width.
- The Cover should be printed in block letters.

Margin Specification

Top : 4 cms
Bottom : 3 cms
Left : 4.5 cms
Top : 2.5 cms

Page Numbering

All Page numbers should be typed without punctuation on the bottom center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals.

4. Presentation and Defense

- Preparing for the project presentation
- Effective communication of project work
- Handling questions and feedback during the defense

THEMES/CONTENT AREAS

Students should choose a project theme from the following areas:

1. Analog Electronics:

- Design and development of amplifiers, oscillators, filters, etc.
- Application of operational amplifiers in various circuits.

2. Digital Electronics:

- Development of digital circuits, including combinational and sequential logic.
- Implementation of microcontrollers or FPGA based projects.

3. Communication Systems:

- Design and analysis of communication systems, including modulation and demodulation techniques.
- Wireless communication systems and applications.

4. Embedded Systems:

- Development of projects involving microcontrollers, sensors, and actuators.
- Internet of Things (IoT) applications in automation, monitoring, etc.

5. Power Electronics:

- Design and analysis of converters, inverters, and other power electronic devices.
- Renewable energy systems and applications.

6. Recent Trends in Electronics:

- Exploration of emerging technologies like Artificial Intelligence in electronics, Quantum computing, etc.
- Study and development of wearable electronics or flexible electronics.

B.Sc. CHEMISTRY

III-B.Sc. (CH)	PROJECT	JCH601
SEMESTER – VI		HRS/WK – 1
PROJECT		CREDIT - 5

OBJECTIVES:

The main objective of the project is to expose the students to research and industrial atmosphere and to get a broad idea to develop project.

COURSE OUTCOMES (COs):

CO1: Ability to perform critical thinking, reasoning and creative thinking.
CO2: Ability to use the technology.
CO3: Ability to visualize the problems and provide solutions.
CO4: Ability to test technical skills.
CO5: Ability to work both independently and in groups on development of projects.

Relationship Matrix Course Outcomes, Programme Outcomes and Programme Specific Outcomes

SEMESTER VI	COURSE CODE: JCH601					COURSE TITLE: PROJECT								HOURS: 1	CREDITS: 5
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)								MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	5	4	5	5	4	4	4	4	4	3	4	4	4	4.10	
CO2	5	4	5	5	4	4	4	4	5	3	4	4	4	4.20	
CO3	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50	
CO4	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50	
CO5	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50	
Mean Overall Score														4.36	

Result: The Score of this Course is 4.36 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **Very High** association with Programme Outcome and Programme Specific Outcome.

COURSE CONTENT:

1. Choose a topic:

Select a specific area of interest in chemistry, such as organic synthesis, materials science, phytochemistry, nanomaterials, theoretical chemistry, etc.

2. Conduct background research:

Read and analyze existing literature to understand the current state of knowledge in the chosen subject area.

3. Formulate a research question:

Based on the background research, identify a specific question or problem to investigate.

4. Design experiments:

Plan and outline the experiments which are conducted to investigate the problem of the chosen subject area.

6. Conduct experiments:

Carry out experiments followed by collection and recording data.

7. Analyze data:

Interpret the analytical results and finalize the product.

8. Draw conclusions:

Determine whether the data supports or rejects the selected subject area.

9. Communicate results:

Write a clear and concise report, including an abstract, introduction, methods, results, discussion, conclusion, summary with references.

10. Follow safety protocols:

Always follow proper laboratory safety procedures.

11. Document everything:

Keep a detailed lab notebook and record all procedures, data, and results.

12. Seek guidance:

Consult with the research supervisor or mentor throughout the project.

THEMES / CONTENT AREAS:

The students should choose a project work to perform under the themes in any of the following places under the supervision of the internal guides.

1. In the college laboratory.
2. In any chemical industry.
3. In any of the state / central government research centres.
4. In any governmental or non-governmental organizations.

FORMAT FOR PREPARING THE PROJECT WORK REPORT

Arrangement of Contents:

1. Title Page
2. Bonafide Certificate
3. Declaration by the Student
4. Acknowledgement
5. Table of contents
6. Abstract
7. Chapters of the Report
8. References
9. Appendices, if any

Appendices should be named as APPENDIX - A
APPENDIX - B

BINDING SPECIFICATION

Report should be found using flexible cover of thick white art paper. The Spine for the bound volume should be of black of 2cms width. The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top	: 1.25 inches
Bottom	: 1.25 inches
Left	: 1.50 inches
Right	: 1.25 inches

PAGE NUMBERING

All page numbers should be typed without punctuation on the bottom-center position of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals. Papers of main text, starting with chapter-1, should be consecutively numbered using Arabic numerals.

TITLE PAGE

<TITLE OF THE PROJECT>

A PROJECT REPORT SUBMITTED TO
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
IN PARTIAL FULFILLMENT
OF THE REQUIREMENT FOR THE AWARD OF
THE DEGREE OF

BACHELOR OF SCIENCE
IN
CHEMISTRY

BY

<NAME OF THE STUDENT>
(REGISTER NO: X00XXX00)

Under the Guidance of

<NAME OF THE PROJECT GUIDE>
<Designation & Department>

PG & RESEARCH DEPARTMENT OF CHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
CUDDALORE – 607001

<MONTH & YEAR>

CERTIFICATE

<NAME OF THE PROJECT GUIDE>
<Designation>
PG & Research Department of Chemistry,
St.Joseph's College of Arts & Science (Autonomous),
Cuddalore – 607001.

CERTIFICATE

This is to certify that this Project report entitled, "<**TITLE OF THE PROJECT>"** is a bonafide record of work done by **<NAME OF THE STUDENT>, (<ROLL NUMBER>)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE – 1,** Affiliated to **ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR** in partial fulfillment for the award of the Degree of **BACHELOR OF SCIENCE IN CHEMISTRY.**

Head of the Department **Project Guide**

Principal

Submitted for the Viva-Voce Examination held on _____

Examiners:

1. 2.

SCHEME OF EVALUATION

PROJECT

External Examination (100 marks)

Based on the evaluation of the Project Report submitted and the performance in the Viva-Voce examination, assessed by the External Examiners.

B.Sc. BIOCHEMISTRY

III B.Sc. (BC)	**PROJECT**	**JBC601**
SEMESTER VI		**HS/WK-5**
PROJECT		**CREDIT-2**

COURSE OBJECTIVES:

- To provide students with practical experimental designing, developing, and implementing an analysis of project
- To encourage advance techniques and creativity in the biological filed

COURSE OUTCOMES:

- Leading successful completion of this course, students will be able to:
- Design and creative biochemistry project based on recent trends in biology
- Prepare a experimental designing project report, based on recent trends in biochemistry
- Present and defend their project work effectively.
- Demonstrate an understanding of the latest advancements in biological field and their applications

PROJECTCONTENT

1. PROJECT DESIGN

- ❖ Review of literature
- ❖ Project Proposal and Design

2. EXPERIMENTAL DESIGN

- ❖ Analysis of samples or Preparation of Questionnaires
- ❖ Interpretation

3. **REPORT WRITING AND DOCUMENTATION**

Results tabulated and analyzed were documented in a proper format and the project contents to be submitted in the following contents

- ❖ Title
- ❖ Certificate
- ❖ Declaration
- ❖ Acknowledgement
- ❖ Contents
- ❖ Introduction
- ❖ Review of literature
- ❖ Scope
- ❖ Material and Methods /Questionnaires
- ❖ Result and Discussion
- ❖ Summary And Conclusion

The report should be of **A4** size **Executive BOND** sheets, and hard bound in the prescribed color for each department. Report should be **one sided** (not back to back), and text must have **1.5 line spacing** at least.

BROAD FIELD OF RESEARCH

- Clinical biochemistry
- Environmental toxicology
- Photochemicals
- Nutritional biochemistry
- Marine biology
- Agricultural biochemistry

Sample format of Title page is given below. Learners should follow the given format.

(All the text should be in Times New Roman)

<TITLEOFTHEPROJECT>

(NOTEXCEEDING2LINES,24BOLD,ALLCAPS)

A Project Report/Dissertation(12Bold)

Submitted in partial fulfillment of the
Requirement of the award of the Degree of (Size-12)

MASTER OF SCIENCE in BIOCHEMISTRY

(14BOLD,CAPS)

Name of The Student(Size15,titlecase)

Roll Number(Size-14)

Under the guidance of (Size 12)

Guide name (Bold Size 14)

COLLEGE LOGO

COLLEGE ADDRESS

(12bold,CAPS)

YEAR(12 bold)

ii) CERTIFICATE

Certificate

This is to certify that the project entitled "....." being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamali University Chidambaram. This is a bonafide record of work carried out by …….. under my guidance and supervision.

Signature of the Guide Head of the Department

Place:
Date:

Examiners:

1.

2.

iii) DECLARATION

(Declaration page format)

DECLARATION (20 bold, centered, all caps)

2, justified)

I hereby declare that the project/dissertation entitled, "**Title of the Project / dissertation'** done at **[name of place where projects/dissertation is done]** has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has Submitted to any other university.

iv) Acknowledgements

This should express learner's gratitude to those who have helped in the preparation of project.

ACKNOWLEDGEMENT (20, BOLD, ALL CAPS, CENTERED)

The acknowledgement should be in times new roman, 12 font with 1.5 line spacing, justified.

B.Sc. MICROBIOLOGY

YEAR – III	**PROJECT**	**19JMB603**
SEMESTER- VI		**HRS/WK - 0**
PROJECT		**EXTRA CREDIT - 5**

Objectives:

- To acquire the knowledge in selection and designing of research projects
- To engage the students themselves to carry out the research independently
- To find the solutions using microbes to the unsolvable problems and to benefit the society from their research
- To make the students familiar with the writing skill from their research findings

Course outcomes:

- Designing of projects focused on the issues can be solved by using of microorganisms
- Impart the knowledge of practical and theoretical in microbiology to benefit the society
- Acquire proficiency in experimental techniques, instrumentation, and data collection methods relevant to the chosen research area
- Making the students familiar with the skill of writing and reporting the research findings
- Enriching the skill of presentation of their research inventions in front of scientific community

Research areas to be focused

Students are advised to select their topics on the following areas;

1. Field project related to microbial issues with the questionnaires
2. Medical microbiology using the pathogens
3. Industrial microbiology for the screening and production of microbial products
4. Antimicrobial compounds from natural products
5. Agricultural microbiology using beneficial microbes
6. Environmental microbiology aims on environmental problems
7. Food microbiology focused on organisms associated with food preservation, spoilage and contamination
8. Marine microbiology associated with valuable products screening

Regulations for UG Project

- The project may be group project or individual. A group may consist of 2 to 8 students. More than 8 students in a group shall not be permitted.
- The project may be lab oriented or survey research. If the work is lab oriented, it should be done in the Microbiology Department lab only. Otherwise, can be done outside.
- After completion, the report should be submitted to the department. Extra credit will be given to the project work.
- The report pages should be between 5 and 10 pages.
- No literature review is needed.
- Students have to submit 2 copies of their project report to the department
- No downloaded figures are permitted.
- Common binding is advised for the project report to make it uniform.
- Font type and letter size should be as follows:

  Font : Times New Roman (only accepted)

  Size (Text) : 12

  Size (Title) : 14

  Line spacing : 1.5

B.Sc. ZOOLOGY

III B.Sc. Zoology	**PROJECT**	**XJZO601**
SEMESTER -VI		
PROJECT		**CREDIT-2**

COURSE OBJECTIVES:

- To provide students with practical experience in biology and biodiversity of organisms.
- To encourage the students to learn the skills in observing and studying nature, biological techniques and scientific investigation.
- To learn the unity and diversity of organisms.
- To learn about applied branches of zoology and prepare for self-employment.

COURSE OUTCOMES:

Upon successful completion of this course, students will be able to:

- Learn the fundamentals of animal sciences and complex interaction between living organisms.
- Understand the basic theories and principles of ecology.
- Learn about gene, genome, cell, tissue, organ and organ system.
- Learn about evolutionary history and relationship between different groups of animals
- Obtain practical knowledge on Vermiculture, Mushroom culture, Aquaculture, Sericulture etc.

COURSE CONTENT:

1. Introduction about the Projects

- Overview of project work
- Selection of project topics based on recent trends in Zoology

2. Project Design and Development

- Culturing techniques of animals
- Selection and procurement of cultivable species
- Toxicological studies, pollution studies, growth parameters and biology of animals.

3. Documentation and Report Writing

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as APPENDIX –A

Binding Specification

- Project report should be submitted with hard bound.
- The Cover should be colour printed.

Margin Specification

Top : 4 cms
Bottom : 3 cms
Left : 4.5 cms
Right : 2.5 cms

Page Numbering

All Page numbers should be typed without punctuation on the bottom center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals.

4. Presentation and Defense

- Preparing for the project presentation
- Effective communication of project work

THEMES

Students can choose a project theme from the following areas:

1. Studies on the biology of animals
Study of anatomy, behavioural ecology etc.

2. Taxonomical status of animals
Systematic classification, phylogeny of animals etc.

3. Biodiversity study
Species, genetic and ecological diversity

4. Biochemical studies
Biochemical composition, Nutritional value etc.

5. Pollution
Causes, concentration, effects of pollution etc.

6. Environmental issues
Biodiversity laws, waste management, climate change etc.

7. Culturing technology of organisms
Culturing techniques of various organisms

8. Molecular techniques
DNA study, genetical studies, molecular study etc.

9. Entomological studies
Economic classification of insects, pest control measures etc.

10. Physiology of animals
Physiological function of various system

B.Sc. COMPUTER SCIENCE

III B.Sc, (CS)	**MINI PROJECT**	**JCS601**
SEMESTER - VI		**HRS/WK-3**
Practical – Mini Project		**CREDIT –2**

Objective:

The main objective of the Project is to expose the students to industry atmosphere and to get a broad idea to develop project.

Course Outcomes(COs):

CO1: Ability to perform Critical Thinking, Reasoning, and Creative Thinking.

CO2: Ability to use the technology

CO3: Ability to visualize the problems and Provide Solution

CO4: Ability to test technical skills.

CO5: Ability to work both independently and in groups on presentations and/or development of Projects.

Course Theme/Content:

1. **Web based Project**

   This project focuses on the design, development, and deployment of web-based applications. Students will learn front-end and back-end development, database integration, and deployment strategies.

2. **Mobile App Development Project**

   This project is designed to provide students with the skills needed to develop mobile applications for iOS and Android platforms. It covers mobile UI/UX design, native and cross-platform development, and app deployment.

3. **Multimedia Project**

   This project covers the principles and techniques of multimedia design and development. Students will learn about digital media creation, video production, sound design, and interactive multimedia applications.

Relationship Matrix Course Outcomes, Programme Outcomes and Programme Specific Outcomes

SEMESTER VI	COURSE CODE: JCS601					COURSE TITLE: MINI PROJECT							HOURS: 3	CREDITS : 2
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)							MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	5	4	5	5	4	4	4	4	4	3	4	4	4	4.10
CO2	5	4	5	5	4	4	4	4	5	3	4	4	4	4.20
CO3	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50
CO4	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50
CO5	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50
Mean Overall Score														4.4

Result: The Score of this Course is 4.4(Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **Very High** association with Programme Outcomes and Programme Specific Outcomes.

Group Project: A group consist of 2 students.

FORMAT FOR PREPARING PROJECT REPORT

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as APPENDIX –A

APPENDIX -B

BINDING SPECIFICATION

Report should be found using flexible cove of thick white art paper. The Spine for the bound volume should be of black of 2cms width. The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top	:4 cms
Bottom	:3 cms
Left	:4.5cms
Top	:2.5cms

PAGE NUMBERING

All Page numbers should be typed without punctuation on the bottom-center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals. Papers of main text, starting with chapter-1, Should be consecutively numbered using Arabic numerals.

TITLE PAGE

TITLE OF THE PROJECT

A project report

Submitted for the partial fulfillment for the award of degree

of BACHELOR OF COMPUTER SCIENCE

By

STUDENT'S NAME

(Register Number)

Under the Guidance of GUIDE NAME

COLLEGE ADDRESS

Month And Year

CERTIFICATE

CERTIFICATE

This is to certify that the project report entitled

TITLE OF THE PROJECT

being submitted to the St. Joseph's College of Arts and Science

(Autonomous), Affiliated to Annamalai University, Annamalai Nagar.

By

Mr./Ms. STUDENT'S NAME

For the partial Fulfillment for the award of degree

of BACHELOR OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by him/her, under my guidance and supervision.

Internal Guide Head of the Department

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

Examiners: 1.

2.

B.C.A.

YEAR-II	MAIN PROJECT	18JPIT44
SEMESTER - IV		HRS/WK-30
MAIN PROJECT		CREDIT – 11

Objective:
To expose the students to industry atmosphere and help them to gain knowledge on software development.

Course Outcomes (CO's):

At the end of the Course the students should possess

CO1: Project Analysis Technical Skill.
CO2: Project Designing Technical Skill.
CO3: Project Coding Technical Skill.
CO4: Project Testing Technical Skill.
CO5: Project Implementation Technical Skill

SEMESTER IV	COURSE CODE:18JPIT44					COURSE TITLE :MAIN PROJECT					HOURS:30	CREDITS:11
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)					MEAN SCORE OF CO'S	
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	5	5	5	5	5	5	5	5	5	5	5	
CO2	5	5	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	4	5	5	5	5	5	4.5	
CO4	4	4	4	4	4	5	5	5	5	5	4.5	
CO5	4	4	4	4	4	5	5	5	5	5	4.5	
Mean Overall Score											4.7	

Result: The score of this course is 4.7 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcomes and Programme Specific Outcomes

About the Project:

- The students will carry out a project for a period of six months and is expected to do planning, analysing, designing, coding and implementation of the project.
- The initiation of project should be with the project proposal.
- The synopsis approval will be given by the project guides.
- Review meeting will be conducted periodically by the project guides.
- Project will be evaluated by the external examiners through viva-voce.

Problem:

- Develop a project by choosing any topic in the techniques already learnt during the complete course or that is relevant to the market needs.

FORMAT FOR PREPARING MAIN PROJECT REPORT

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as

APPENDIX – A
APPENDIX - B

BINDING SPECIFICATION

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be of black calio of 2cms width.
- The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top	:	4 cms
Bottom	:	3 cms
Left	:	4.5 cms
Right	:	2.5 cms

PAGE NUMBERING

All Page numbers should be typed without punctuation on the bottom-center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals. Papers of main text, starting with Chapter-1, should be consecutively numbered using Arabic numerals.

THEMES/CONTENT AREAS

Students are encouraged to select any real time project at any IT concern with the following themes that are relevant to the current IT market needs.

1. Android applications
2. Web applications
1. Cloud computing
2. Artificial Intelligence
3. Internet Of Things
4. Animation projects
5. Standalone projects using C#, C, C++, JAVA, Python, R programming etc…

B.Com. COMMERCE

III - B.COM	**PROJECT** *(For the Students Admitted from the year 2020 onwards)*	**21JCM601**
SEMESTER –VI		**CREDIT - 2**

Guidelines for UG Project

The third year students will have project work. The students will be grouped. Each group will take a topic and carry out the Group Project. The students will be asked to submit the project report as per the prescribed guidelines given below.

Format of Title Page

1. Format of Certificates
2. Declaration
3. Area of research
4. Restriction on the number of pages
5. Structure of the Project Report

TITLE OF THE PROJECT

A Project Report Submitted for the

Partial fulfillment of the requirement for the award of the degree of

BACHELOR OF COMMERCE

By

NAME (ROLL NO)

Under the Guidance of

GUIDE NAME

PG & RESEARCH DEPARTMENT OF COMMERCE

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

(Affiliated to Annamalai University, Chidambaram)

Cuddalore-607001

MONTH & YEAR

BONAFIDE CERTIFICATE

This is to certify that the project entitled **Title of the project** is a Bonafide Record Work submitted by **Name of the Student (Roll No)** in Partial fulfillment of the requirement for the award of the degree of **BACHELOR OF COMMERCE** in **ST. JOSEPH'S COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), CUDDALORE** during the period of--------

Signature of the HOD **Signature of the Guide**

Signature of the External

Place:

Date:

DECLARATION

I hereby state that project report entitled (Title of the project) submitted by me for the award of the degree of Bachelor of Commerce 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 other similar titles.

PLACE:

DATE:

Signature of the Student

(Name of the Student)

4. AREA OF RESEARCH:

1. Financial Management
2. Human Resource Management
3. Marketing Management
4. Banking & Insurance
5. Entrepreneurship

5. RESTRICTION ON THE NUMBER OF PAGES

1. The project report should be 30 to 40 pages.

6. STRUCTURE OF THE PROJECT REPORT

- **CHAPTER NO. 1: INTRODUCTION AND DESIGN OF THE STUDY**
- **CHAPTER NO. 2: LITERATURE REVIEW**
- **CHAPTER NO. 3: BACKGROUND OF THE STUDY**
- **CHAPTER NO. 4: DATA ANALYSIS AND INTERPRETATION**
- **CHAPTER NO. 5: FINDINGS, SUGGESTIONS AND CONCLUSION**

B.Com. BANK MANAGEMENT

III B.B.M	**PROJECT**	**19JBM601**
SEMESTER - VI		**HRS/WK-NIL**
EXTRA CREDIT		**CREDIT –2**

Guidelines for Extra Credit Courses

Extra credit courses are offered within or outside the curriculum to enable the students to earn extra credits besides their regular credits in UG and PG programs.

III. Project Guidelines

A project is a scientific and systematic study of real issue or a problem intended to resolve the problem with application of management concept and skills. The essential requirement of a project is scientific approach for collection and presentation of documents relevant to banking services and products.

1.1 Collection of Documents:

Students must collect documents in blank, details necessary and terms and conditions relating to the following;

A. Retail products:

- Personal Loan
- Home loan
- Car loan
- Agricultural and Rural loan
- Loan against property
- Loan against Fixed deposit
- Educational loan
- Any other loan ,specially offered in the branch

B. Business Products:

- Business loan
- Cash Credit
- Overdraft
- Secured term loan
- Merchant loan
- Trade finance

- ❖ Digital Business loan
- ❖ Any other Loan offered by Branch

C. Services offered

- ❖ Offline services (at branch Counter)
- ❖ Online services
- ❖ Demat account services
- ❖ Services to offshore countries

1.2. Preparation of Report

Students are asked to follow the report format and submit the final report.

a. Instructions for Typing

- Left Size – 1 inch
- Right Side -.5inch
- Top Side – 1inch
- Bottom Side – 0.5inch
- All font should be in Times News Romans
- Line Spacing –1.5
- Paragraph Spacing2
- Font Size:-
- All main headings 14 (Bold)
- All Sub main headings 13 (Bold)
- Matter 12 (Regular)

b. Research Report Format

1. Outer Cover
2. Title Page
3. Certificate
4. Declaration
5. Acknowledgement
6. Table of Contents

c. Chapter Plan

Chapter I	History and Profile of the bank
Chapter II	Services offered
Chapter III	Retail Products
Chapter IV	Business Products
Chapter V	Financial statementsof latest year
Appendix	Bibliography and documents which support the contents of the report.

1.3 Specimen

A. Specimen Title Page:

Title of the project should be precise, revealing the basic thrust of the study. The content and the format of Outer cover and the Title page are the same. A model is shown below.

Title
Project report Submitted to the
Department of Commerce (Bank Management)

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

In partial fulfillment of the requirement for the award of the degree of
BACHELOR OF Commerce (Bank Management)

Submitted By Under the Guidance of
College Emblem

DEPARTMENT OF COMMERCE (BANK MANAGEMENT)

St. Joseph's College of Arts & Science (Autonomous)
Cuddalore -1
Month/Year

B. Specimen Certificate

Guide Name

Department of Commerce (Bank Management)
St. Joseph' s College of Arts & Science College (Autonomous)
Cuddalore -607001

CERTIFICATE

This is to certify that the project Report entitled <<Project Title>> is of personal effort and work carried out by <<Student Name>>, a student of regular course of Commerce (Bank Management), St. Joseph' s College of Arts & Science College (Autonomous) Cuddalore -607001 during the period of his study in the academic year 20__ – 20__, in partial fulfillment of the requirement for the award of the degree of BACHELOR OF COMMERCE (Bank Management). The project Report represents an independent work on the part of the candidate, but general guidance rendered by me.

Head of the Department Supervisor

Place:
Date:

C. Specimen Declaration

Student Name
Reg.No. _____ ,
Final Year BBM,
Department of
Commerce (Bank
Management)
St. Joseph' s College of Arts & Science College (Autonomous)
Cuddalore -607001

DECLARATION

I declare that this Project Report entitled to "_____Topic _____ " is a record of an independent research work carried out by me under the supervision and guidance of _____ . This has not been previously submitted for the award of any Diploma/ Degree/ Associate ship or other similar titles.

D. Specimen Table of Contents

B.B.A. COMPUTER APPLICATIONS

YEAR - III	PROJECT WORK	CODE – 17JBB64A
SEMESTER – VI		HOURS / WEEK – 6
DISCIPLINE SPECIFIC ELECTIVE - 4		CREDIT - 5

Objective: To provide real-time exposure and understanding of various business functions and operations.

Course outcomes (CO's):

C01. Know the technique how to write the introduction, familiar with research methodology and the contents are included in the introduction part.

C02. Acquire knowledge to write review of literature and organize them to suit with objectives

C03. Know how to write and organize the profile of study area and study population.

C04.Acquire knowledge to choose and apply various statistical tools and how to write interpretation.

C05.Obtain a skill to prepare a project report and organize of the contents of the project reports

Semester			Course Code			Course Title							Hours	Credit
VI			17JBB64A			Project Work							6	5
Course Outcomes (COS)	Programme Outcomes (PO's)					Programme Specific Outcomes (PSO's)								Mean Score Of COS
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	5	4	5	4	5	4	5	4	5	4	5	4	3	4.38
CO2	3	5	4	5	4	3	4	4	5	3	4	5	6	4.23
CO3	4	4	5	5	4	5	5	5	4	4	4	4	3	4.31
CO4	5	5	5	5	5	3	4	5	5	3	3	3	2	4.08
CO5	4	3	4	5	5	4	4	5	5	4	5	4	5	4.38
									Mean Overall Scores					4.28

Result: The Score of this Course is 4.28 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcomes and Programme Specific Outcomes.

Project Structure

Chapter	Contents
Chapter -1	Introduction
	Need for the study
	Objectives of the study
	Hypotheses of the study
	Scope of the study
	Limitations of the study
	Research Methodology • Nature of the study • Study area • Period of study • Population • Sample size • Sampling technique • Sample collection instrument • Method of data collection • Data analysis tools (statistical tools)
Chapter -2	Review of Literature • Conceptual Literature • Related Literature
Chapter -3	Company Profile / Industry profile
Chapter -4	Analysis and Interpretation of Data • Frequency Tables (Percentage analysis) • Tools Tested Tables
Chapter -5	Findings Suggestions Conclusion
Chapter -6	Appendices • Bibliography • Questionnaire/Interview Schedule

Preferred domains project work shall be undertaken:

General Management - Organisational Behaviour - Human Resource Management Marketing Management - Production Management - Financial Management - Investment Management - Financial & Capital Markets - Strategic Management - Entrepreneurship & Startup - Legal Aspects of Business - Industrial Relations - Supply Chain Management

Content Format

- Orientation - Portrait
- Margin setup - Left (1.5”), Right (1”), Top (1”), Bottom (1”)
- Font - Times New Roman
- Font Size - headings (14) - sentence contents (12)
- Line Spacing - 1.5
- Alignment - Justify
- Page number should be specified at the bottom of the page (centre allignment).
- Title page, Bonafide page, Student declaration, Guide declaration, Acknowledgement, Table of contents, List of tables, List of charts, List of abbrevations, Chapters.

General Guidelines

- Group Project shall be undertaken.
- Maximum number of students per group is five (5).
- Project work shall be done in companies (preferably) or shall be undergone free-lance.
- Project report is mandatory (in prescribed format).
- Minimum number of pages - 45 and maximum number of pages - 60.
- Hard bound copy and soft copy of the project report must be submitted to the department.

Examination Pattern

- **Project report – 75 Marks (Internal)**
- **Viva Voce – 25 Marks (External)**

M.A. ENGLISH

II M.A., English	PROJECT WORK	Code: 18JPEN01
Semester – IV		Hours: 6
Core Project –XVI		CREDITS: 4

Objectives:

- To write academically following the entrenched rules.
- To write thesis effectively on the carefully selected topic.
- Students can choose topics of their own choice for project work.
- If their option is essay, one question out of ten should be answered from the prescribed topics. Choosing at least ONE from each section.

Course Outcomes

At the end of the course, students exhibit:

CO 1. Liberty to choose any genre from within the prescribed topics to write a thesis (mini project) effectively

CO 2. Critical analysis and research of the depth of meaning in various branches of literature during the 20th and 21st century - British, American, Scottish ,Indian writing, Canadian & Children's.

CO 3. A holistic approach to understand & appreciate the layers of ideas expressed in the medium of poetry.

CO 4. Familiarity with the various literary genres and movements, with the depth of insight to work on their project.

CO 5. Research aptitude as a skill pertaining to a domain

SEMESTER IV	COURSE CODE: **18JPEN01**					TITLE OF THE PAPER : PROJECT WORK PRESCRIBED					HOURS :6		CREDITS:4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES (PSO)							MEAN SCORE OF CO'S
Co	Po 1	Po 2	Po 3	Po 4	Po 5	PSo 1	PSo 2	PSo 3	PSo 4	PSo 5	PSo 6	PSo 7	PSo 8	Mean score
Co1	5	5	4	4	5	5	5	5	2	5	5	5	3	4.4
Co2	5	5	4	5	5	5	5	5	3	5	5	5	5	4.7
Co3	5	5	4	5	5	5	5	5	3	5	5	5	5	4.7
Co4	5	5	5	5	5	5	5	5	3	5	5	5	3	4.6
Co5	5	5	5	5	5	5	5	5	3	5	5	5	3	4.6
Mean Overall Score														4.6

The value shows that the course has **VERY HIGH association** with programme outcomes and programme specific outcomes

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

Unit - 1 (Introduction & Modern age to Postmodern Age)

1. Introduction to Research - Introduction to Quality Research – Selecting the Topic - Introduction to Mechanics of Research Writing – Format of Writing Work Citation
2. British drama and Short story
3. American Literature Drama and Short story
4. Indian English British Drama and Short story

Unit -2 (20th century& 21st Century Literature)

1. British Fiction
2. American Fiction
3. Indian writing in English Fiction
4. African Fiction

Unit -3 (20th Century &21st Century Poetry)

1. British Poetry
2. Indian Writing in English Poetry
3. American Poetry
4. African Poetry

Unit - 4 (Movements)

1. Expressionism
2. Impressionism
3. Cubism
4. Surrealism
5. Theatre of Absurd

Unit -5 (20th & 21st Century Critical Theories)

1. New criticism, Structuralism, Poststructuralism, Deconstruction, Postcolonialism, Feminist criticism,
2. Marxism, Cultural studies, Eco criticism.

Reference Book:

1. *MLA Handbook*, 9th Edition. The Modern Language Association of America. Print. 2021.

Project Guidelines

1) Nature: This M.A. Project Work is an individual work. The Project Work will involve detailed analysis of literary work(s). It will demonstrate the critical thinking skills and research aptitude.
2) Chapter: The M.A. Project Work is a written document. It consists of multiple chapters. Each chapter has a specific purpose as outlined above.
3) Length: The thesis should be no less than 50000 words and should not exceed 75000 words. This does not include footnotes, endnotes, bibliography, or references.
4) Honor Code: The student must append an acknowledgement stating that the work is original.
5) Evaluation: Each Thesis will be reviewed by the faculty in-charge. In case the faculty finds the dissertation unacceptable a second review may be recommended by the Head. Once the project work is accepted, a viva-voce exam will be conducted.
6) Formatting:
    a. The Title or Front Page shall consist of the following items:
        i. Name of the Department
        ii. The Logo of the College
        iii. College and University name
        iv. Title of the Project Work.
        v. Name of the student
        vi. Roll Number
        vii. Registration Number
        viii. Title of Project Work
        ix. Date of Submission.
        x. In Partial fulfillment for the award of Master of Arts in English Degree.

    Note: The Template for the Front Page shall be available from the Department of English.

    b. Certificate of Submission.
    c. Abstract
        i. 150-word abstract of the Project Work.
    d. Table of Contents
        i. It shall list certification/submission pages, acknowledgement, abstract, and all chapter titles with page number.
    e. Formatting, References, and in-text citations should follow the MLA 9th edition.

    General rules to be followed:
        i. Font: Times New Roman, Size 12, Typeface Color: Black.

ii. Margin space: 1" on all sides of the margin.
iii. The Text should be double spaced.
iv. Page numbering should be consecutive.

7) Choosing a topic
   a. The student in consultation with the faculty in-charge can choose a topic that interests them. The student will have to register the topic and submit a working abstract within the first month of the semester.

8) Reporting the progress:
   i. The student shall submit a monthly progress report of no less than 1000 words to the faculty in-charge. This may include chapter drafts.
9) Binding and Printing:
   The project should be hardbound. It should be printed on white A4 sheet.

10) The M.A. Project work will be evaluated by the External Examiners. A Viva-Voce will be conducted for the students.

Points to Remember

1. Research can be pursued in the genres of fiction, drama, prose, poetry, and short story.
2. Topic selected should not be too old or vague. It should not be too technical, regional or controversial.
3. Clearly defined topic must be fixed in consultation with the guide.
4. Preliminary research work on primary sources (Original textbooks) must be done before deciding on the topic.
5. Select a subject or an issue that will keep us engaged throughout the research writing.
6. The primary reading should be followed by a critical review of literature.
7. Students should submit the project report as a hard bound one.
8. The length of the report must be 10 - 15 pages. Font size must be 12- Times New Roman with a line spacing 1.5 on A4 sheet. It must be written on one side.
9. No students should write on a single topic.
10. The title and the work should be approved by the guide.
11. The format of the thesis should have a definite order- introduction, core chapters and conclusion (5 chapters altogether)
12. Works consulted must be listed in alphabetical order.
13. Order of Writing- Cover Page, Certificate by the Guide, Declaration, Acknowledgement, Abstract, Table of Contents, Introduction, Core chapters, Conclusion, Works Consulted.

M.Sc. MATHEMATICS

II M.Sc (MATHS)	**PROJECT (For the students admitted from the year 2014)**	**JPMT1018**
SEMESTER -IV		**HRS/WK - 6**
PROJECT		**CREDIT- 5**

COURSE OBJECTIVES:

To apply mathematical theories and techniques to solve a problem or investigate a particular topic in depth, thereby enhancing the student's understanding and expertise in both abstract and applied mathematical concepts.

COURSE OUTCOMES:

On the successful completion of this course, students will be able to:

1. Identify suitable themes
2. Explore the new mathematical concepts
3. Apply the mathematical models in real-world problem.
4. Solve the critical problem in different methodology.
5. Demonstrate the project outcome.

COURSE CONTENT:

1. Introduction of the project
2. Project design and planning
3. Data collection and Analyses
4. Computational tools and software
5. Presentation

CONTENT AREA:

Students may choose to focus on one of the following areas:

1. Advanced theoretical mathematics
    - Abstract Algebra
    - Real and Complex Analysis
    - Differential Geometry
2. Applied Mathematics
    - Mathematical Modeling
    - Numerical Analysis
    - Operation Research
    - Graph Theory
    - Fuzzy Theory
3. Computational Mathematics
    - Algorithms and Complexity
    - Simulation and Modeling
    - Data Analysis

4. Probability and Statistics
    - Advanced Probability Theory
    - Statistical Inference
    - Time Series Analysis
5. Mathematical Finance
    - Financial Mathematics
    - Econometrics
6. Topology
    - Abstract Topology
    - Geometry Topology
7. Interdisciplinary Applications
    - Bioinformatics
    - Environmental Modeling
8. Mathematical Software Development
    - Algorithm Design and Implementation
9. Cryptography and Security
    - Cryptography Algorithms
    - Security Analysis
10. Scientific Computing
    - High performance computing
    - Computational Fluid Dynamics

PROJECT REPORT SPECIFICATIONS:

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices

BINDING SPECIFICATION

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be 2cms width.
- The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top : 4 cms
Bottom : 3 cms
Left : 4.5 cms
Right : 2.5 cms

PAGE NUMBERING

All Page numbers should be typed without punctuation at the center on the bottom of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals.

M.Sc. PHYSICS

II – M.Sc. (PH)	**PROJECT**	**18JPPH46**
SEMESTER IV		**HRS/WK-8**
PROJECT		**CREDIT-6**

COURSE OBJECTIVES

- To develop research skills through independent investigation of a chosen topic in physics.
- To apply theoretical and practical knowledge to solve complex problems.
- To enhance technical writing and presentation skills.
- To foster critical thinking and analytical abilities in interpreting research findings.

COURSE OUTCOMES:

By the end of this course, students will be able to:

- Independently design and carry out experiments or simulations to investigate the research problem.
- Acquire proficiency in experimental techniques, instrumentation, and data collection methods relevant to the chosen research area or Gain expertise in computational modeling, simulation, and data analysis software.
- Adhere to ethical standards in conducting research, including proper citation of sources and responsible data management.
- Identify potential applications of research findings in solving real world problems.
- Critically analyze experimental or computational data to draw meaningful conclusions.
- Effectively communicate research findings through a well-structured written report and oral defense.

COURSE CONTENT:

1. Project Selection:

- Students must select a research topic in consultation with their faculty advisor.
- The topic should align with the themes mentioned above.

2. Project Proposal:

- A detailed project proposal must be submitted within the first month of the semester.
- The proposal should include research objectives, literature review, methodology, expected outcomes, and a timeline.

3. Research Phase:

- The project should be carried out systematically over the course of six months.
- Regular meetings with the faculty advisor are mandatory to discuss progress and troubleshoot issues.
- Students must maintain a research journal documenting their work, observations, and reflections.

4. Report Format:

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Introduction
7. Materials
8. Experimental/Computational Method
9. Results & Discussion
10. Conclusions
11. Bibliography/References
12. Appendices, if any

Binding Specification

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be 2cms width.
- The Cover should be printed in block letters.

Margin Specification

Top	: 4 cm
Bottom	: 3 cm
Left	: 4.5 cm
Right	: 2.5 cm

Font

Text of the thesis should be in Times New Roman Font style with 12 Font size. All Page numbers should be typed without punctuation on the bottom center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals.

Reference should be in the format below:

Schott, D. H., Collins, R. N. &Bretscher, A. Secretory vesicle transport velocity in living cells depends on the myosin V lever arm length. J. Cell Biol. **156**, 3539 (2002).

5. Final Presentation and Defense:

- Students must present their research findings to a panel of faculty members at the end of the semester.
- The presentation should cover the research problem, methodology, results, and conclusions.
- An oral defense will follow the presentation, during which students will answer questions and justify their research approach.

6. Evaluation:

- Final Evaluation (100%): Based on the quality and originality of the final report, clarity of the presentation, and performance in the oral defense.

THEMES/CONTENT AREAS

Students are encouraged to select a research project from the following broad themes:
These themes represent cutting edge areas of research in physics, offering opportunities for impactful and innovative projects.

1. Quantum Technologies:

- Quantum Computing: Research on qubits, quantum algorithms, error correction, and quantum hardware development.
- Quantum Communication: Secure communication protocols like quantum key distribution (QKD) and quantum cryptography.
- Quantum Sensing and Metrology: Development of highly sensitive sensors using quantum properties for applications in various fields, including medical imaging and gravitational wave detection.

2. Nanotechnology and Nanomaterials:

- 2D Materials: Exploration of graphene, transition metal dichalcogenides (TMDs), and other 2D materials for electronics, photonics, and energy storage.
- Nanophotonics: Research on light matter interactions at the nanoscale, including plasmonics, metamaterials, and nano lasers.
- Nanostructured Materials for Energy Applications: Development of nanomaterials for solar cells, batteries, and supercapacitors.

3. Advanced Materials Science:

- Topological Insulators: Study of materials with unique surface states that are protected by topological order, with potential applications in spintronics and quantum computing.
- High Temperature Superconductors: Research on the mechanisms behind superconductivity in high temperature materials and their applications in power transmission and magnetic levitation.

- Magnetic Materials: Development of new magnetic materials for data storage, spintronics, and magnetic cooling technologies.

4. Astrophysics and Cosmology:

- Dark Matter and Dark Energy: Investigations into the nature of dark matter and dark energy, which make up most of the universe's mass energy content.
- Gravitational Waves: Study of gravitational wave sources and the implications for astrophysics and fundamental physics.
- Exoplanets and Habitability: Research on the detection of exoplanets, their atmospheres, and the potential for life beyond Earth.

5. Renewable Energy and Environmental Physics:

- Photovoltaics: Development of new materials and technologies for more efficient solar energy conversion.
- Energy Harvesting: Research on capturing and converting energy from ambient sources like vibrations, heat, and electromagnetic waves.
- Climate Physics: Study of physical processes affecting the Earth's climate, including atmospheric dynamics and ocean circulation models.

6. Computational and Data Driven Physics:

- Machine Learning in Physics: Application of machine learning algorithms to analyze large datasets, optimize simulations, and discover new physical phenomena.
- Computational Fluid Dynamics (CFD): Advanced simulations of fluid flow in various systems, from aerospace to biophysics.
- Big Data in Astronomy: Analyzing data from large astronomical surveys and telescopes to uncover new insights into the universe.

7. Biophysics and Medical Physics:

- Molecular Dynamics: Simulation and modeling of biological molecules and their interactions at the atomic level.
- Medical Imaging: Development of new imaging techniques, including advanced MRI, PET scans, and optical tomography.
- Radiation Therapy Physics: Research on improving radiation therapy techniques for cancer treatment, including proton therapy and heavy ion therapy.

8. Plasma Physics and Fusion Energy:

- Magnetic Confinement Fusion: Research on tokamaks and stellarators for controlled nuclear fusion.
- Inertial Confinement Fusion: Studies on laserdriven fusion and alternative approaches to achieving net positive energy from fusion reactions.
- Space Plasmas: Investigation of plasma processes in space, including solar wind interactions with planetary magnetospheres.

M.Sc. CHEMISTRY

II-M.Sc. (CH)	PROJECT	JPCH1016
SEMESTER - IV		HRS/WK – 12
PROJECT		CREDIT- 9

OBJECTIVE:

The main objective of the project is to expose the students to research and industrial atmosphere and to get a broad idea to develop project.

COURSE OUTCOMES (COs):

CO1: Ability to perform critical thinking, reasoning and creative thinking.
CO2: Ability to use the technology.
CO3: Ability to visualize the problems and provide solutions.
CO4: Ability to test technical skills.
CO5: Ability to work both independently and in groups on development of projects.

Relationship Matrix Course Outcomes, Programme Outcomes and Programme Specific Outcomes

SEMESTER IV	COURSE CODE: JPCH1016					COURSE TITLE: PROJECT								HOURS: 12	CREDITS: 9
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)								MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8		
CO1	5	4	5	5	4	4	4	4	4	3	4	4	4	4.10	
CO2	5	4	5	5	4	4	4	4	5	3	4	4	4	4.20	
CO3	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50	
CO4	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50	
CO5	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50	
Mean Overall Score														4.36	

Result: The Score of this Course is 4.36 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **Very High** association with Programme Outcome and Programme Specific Outcome.

COURSE CONTENT:

1. Choose a topic:

Select a specific area of interest in chemistry, such as organic synthesis, materials science, phytochemistry, nanomaterials, theoretical chemistry, etc.

2. Conduct background research:

Read and analyze existing literature to understand the current state of knowledge in the chosen subject area.

3. Formulate a research question:

Based on the background research, identify a specific question or problem to investigate.

4. Design experiments:

Plan and outline the experiments which are conducted to investigate the problem of the chosen subject area.

6. Conduct experiments:

Carry out experiments followed by collection and recording data.

7. Analyze data:

Interpret the analytical results and finalize the product.

8. Draw conclusions:

Determine whether the data supports or rejects the selected subject area.

9. Communicate results:

Write a clear and concise report, including an abstract, introduction, methods, results, discussion, conclusion, summary with references.

10. Follow safety protocols:

Always follow proper laboratory safety procedures.

11. Document everything:

Keep a detailed lab notebook and record all procedures, data, and results.

12. Seek guidance:

Consult with the research supervisor or mentor throughout the project.

THEMES / CONTENT AREAS:

The students should choose a project work to perform under the themes in any of the following places under the supervision of the internal guides.

1. In the college laboratory.
2. In any chemical industry.
3. In any of the state / central government research centres.
4. In any governmental or non-governmental organizations.

FORMAT FOR PREPARING THE PROJECT WORK REPORT

Arrangement of Contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as APPENDIX - A
APPENDIX - B

BINDING SPECIFICATION

Report should be found using flexible cove of thick white art paper. The Spine for the bound volume should be of black of 2cms width. The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top	: 1.25 inches
Bottom	: 1.25 inches
Left	: 1.50 inches
Right	: 1.25 inches

PAGE NUMBERING

All page numbers should be typed without punctuation on the bottom-center position of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman literals. Papers of main text, starting with chapter-1, should be consecutively numbered using Arabic numerals.

TITLE PAGE

<TITLE OF THE PROJECT>

A PROJECT REPORT SUBMITTED TO
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
IN PARTIAL FULFILLMENT
OF THE REQUIREMENT FOR THE AWARD OF
THE DEGREE OF

MASTER OF SCIENCE
IN
CHEMISTRY

BY

<NAME OF THE STUDENT>
(REGISTER NO: X00XXX00)

Under the Guidance of

<NAME OF THE PROJECT GUIDE>
<Designation & Department>

PG & RESEARCH DEPARTMENT OF CHEMISTRY
ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)
CUDDALORE – 607001

<MONTH & YEAR>

CERTIFICATE

<NAME OF THE PROJECT GUIDE>
<Designation>
PG & Research Department of Chemistry,
St.Joseph's College of Arts & Science (Autonomous),
Cuddalore – 607001.

CERTIFICATE

This is to certify that this Project report entitled, "<**TITLE OF THE PROJECT>"** is a bonafide record of work done by **<NAME OF THE STUDENT>, (<ROLL NUMBER>)** under my supervision and submitted to **ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE – 1,** Affiliated to **ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR** in partial fulfillment for the award of the Degree of **MASTER OF SCIENCE IN CHEMISTRY.**

Head of the Department **Project Guide**

Principal

Submitted for the Viva-Voce Examination held on _____

Examiners:

1. 2.

SCHEME OF EVALUATION

PROJECT WORK

External Examination (100 marks)

Based on the evaluation of the Project Report submitted and the Viva-Voce examination, assessed by the External Examiners.

M.Sc. BIOCHEMISTRY

II–M.Sc.(BC)	**PROJECT**	**SUBJECT CODE JPBC1016**
SEMESTER VI		**HRS/WK-12**
PROJECT		**CREDIT-11**

OBJECTIVES OF THE PROJECT

- To build a strong foundation in research for the students
- To facilitate the learner to independently formulate and solve a social, commercial, or technological problem and present the results in written and oral form.
- To make the students to present their research findings comprehensively.

COURSEOUTCOMES:

- By the end of this course, students will be able to:
- Learn survey of literature and identify the scope of the problem.
- Design the work plan to investigate the research problem.
- Acquire relevant skills in experimental techniques to the chosen research area .
- Critically analyze the results to draw meaningful conclusions.
- Improve their oral and writing skills.
- Adhere to ethical standards in doing their research.

COURSECONTENT:

- Students will be assigned guide during third semester
- The guide will assign the research area to the students allotted to them
- The students will search the literature to find the missing links in the proposed research topic
- Students generate work plan to solve or to find solutions to the research problem
- Gain skill and knowledge in various research techniques
- Students can able to perform various experiments independently under the supervision of the guide
- They can analyze the results and their impact along with the guide to understand their findings.
- Finally, the students can address their research problem through their results.
- Students can summarize and present their findings in apower point presentation at the end of the semester
- They also submit their findings in a thesis format which will be evaluated by the external examiners

BROAD FIELD OF RESEARCH

- Phytochemistry
- Biomaterials
- Toxicology
- Cancer biology
- Nano biotechnology
- Marine biology
- Nutritional biochemistry
- Bioinformatics
- Drug delivery
- Neurochemistry

GUIDELINES

1. **Approval of the Project Proposal is mandatory.**
   If approved, the learner can commence their work, and complete it at the end of IV semester.

2. **Software and Broad Ideas of Application**
   Any of the software' scan be used as per the need of the subjects and application of research project.

3. **Introduction to the Project**
   The learner should include the details in the project diary, in which they will record the progress of their project throughout the course. The project report should be documented with scientific approach to the solution of the problem that the learners have sought to address. The project report should be prepared in order to solve the problem in a methodical and professional manner, making due references to appropriate techniques, technologies and professional standards. The project report should contain enough details to enable examiners to evaluate the work. The important points should be highlighted in the body of the report, with details often referred to appendices.

4. **Structure and Format of the thesis**
   Project report or Dissertation has to be hardbound with blue embossing.

(i) Title Page:

Sample format of Title page is given below. Learners should follow the given format.

(All the text should be in Times New Roman)

<TITLE OF THE PROJECT>
(NOT EXCEEDING 2 LINES, 24BOLD, ALL CAPS)

A Project Report/ Dissertation(12Bold)

Submitted in partial fulfillment of the
Requirement of the award of the Degree of(Size-12)

MASTER OF SCIENCE in BIOCHEMISTRY
(14 BOLD, CAPS)

By(12)

Name of The Student (Size15,titlecase)

Roll . Number (Size-14)

Under the guidance of (Size 12)

Guide name (Bold Size 14)

COLLEGE LOGO

COLLEGE ADDRESS
(12bold,CAPS)
YEAR(12 bold)

ii) CERTIFICATE

Certificate

This is to certify that the project entitled "....." being submitted to PG & Research Department of Biochemistry, St. Joseph's College of Arts & Science (Autonomous), Cuddalore, affiliated to Annamalai University Chidambaram. This is a bonafide record of work carried out by.....under my guidance and supervision

Signature of the Guide

Head of the Department

Place:

Date:

Examiners:

1.

2.

iii) DECLARATION

(Declaration page format)

DECLARATION (20 bold, centered, all caps) Content (12, justified)

I hereby declare that the project/dissertation entitled, "**Title of the Project/dissertation'** done at **[name of place where projects/dissertation is done]** has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university.

The project/dissertation is done in partial fulfilment of the requirements for the award of degree of **MASTER OF SCIENCE** to be submitted as **IV** semester project as part of our curriculum.

Name and Signature of the Student

iv) Acknowledgements

Thisshouldexpresslearner'sgratitudetothosewhohavehelpedinthe preparationofproje ct.

ACKNOWLEDGEMENT (20, BOLD, ALLCAPS, CENTERED)

The acknowledgement should be in times new roman, 12 font with 1.5 line spacing, justified.

V) Table of Contents

The table of contents gives the readers a view of the detailed structure of the report. The learners would need to provide section and subsection headings with associated pages. The formatting details of these sections and subsections are given below.

(ii) List of Tables

List of all the tables in the project/dissertation along with their page numbers.

List of Tables (20 bold, centered, Title Case)

Should be generated automatically using word processing software.

(iii) List of Figures

List of all the figures, graphs, charts etc. In the project / dissertation along with their page numbers.

> **List of Figures (20 bold, centered, Title Case)**
>
> Should be generated automatically using word processing software.

Chapter 1: Introduction
Chapter 2: Literature Review or Survey of Technologies
Chapter 3: Scope of the study
Chapter 4: Requirements and Analysis (MATERIALS AND METHODS)
Chapter 5: Results and Discussion
Chapter 6: Conclusions and Future Work

(Note: Title: (size -16), content: Size 12, Style: Times New Roman, Spacing 1.5)

References

Harvard or Vancouver style

(iv) Glossary

If any acronyms, abbreviations, symbols, or uncommon terms is used in the project report then their meaning should be explained where they first occur.

(v) Appendices Appendix include some further details like results, mathematical derivations, certain illustrative parts of the program code (e.g., class interfaces), user documentation etc.

1. Evaluation

- During the project/dissertation work, its progress will be monitored, on fortnightly/monthly basis, by the guide.
- 5 copies of Project/dissertation Report to be submitted to the College.
- End Examination shall be based on Project/dissertation Report, Presentation, Viva, and Demonstration (if any)**.**

2. Project/Dissertation Viva Voice

Learner may be asked about project/dissertation methodology, objectives and anything related to his/her work.

Type of evaluation	Max. Marks
Presentation	20
Thesis	60
Internal	20
Total Marks	**100**

M.Sc. APPLIED MICROBIOLOGY

YEAR – II	**PROJECT**	**21JPMB42**
SEMESTER- IV		**HRS/WK - 23**
PROJECT		**CREDIT - 9**

Objectives:

- To apply practical and theoretical knowledge in carrying out the research on the field of microbiology
- To benefit the society with using of microorganisms to their unsolvable problems
- To make the students familiar with the skill of writing their research findings

Course outcomes:

- Develop a skill to find a research areas to get the solution using microorganisms
- Impart the knowledge of practical in microbiology to invent and implement the procedures on research
- Equip the students to design the project and execute their own ideas independently
- Familiarize with the writing and reporting of the research findings
- Enriching the skill of presentation of their research inventions in front of scientific community

Research areas to be focused

Students are advised to select their topics on the following areas ;

1. Medical microbiology using the pathogens
2. Industrial microbiology for the screening and production of microbial products
3. Antimicrobial compounds from natural products
4. Agricultural microbiology using beneficial microbes
5. Environmental microbiology to discover the solution for the environmental problems
6. Food microbiology focused on organisms associated with food preservation, spoilage and contamination
7. Marine microbiology associated with valuable products screening
8. Nanobiotechnology using of microbes to produce the nanoparticles and the application of them

9. Molecular biology and genetic engineering with the aim of isolation and identification of targeted genes
10. Bioinformatics and molecular docking targeted with the using of software in the field of microbiology

Regulations to be followed

- The specific topic should be submitted to the head of the department with the consent of the respective research supervisor before the stipulated time
- An aim, objectives, and detailed methodology along with the outcome are to be presented before the commencement of project
- A mid-review will be conducted to ensure and evaluate the proper methodology presented already by the student
- Before thesis submission the final review will be conducted and it must include all the findings

Format for Dissertation

- The format for title page, certificate and declaration will be given later.
- Acknowledgement should not exceed one page and the students are free to write on their own.
- Dedication of the thesis is permitted.
- List of photographs have to be included along with the list of figures.
- Introduction should have a minimum of 3 pages and maximum of 5 pages.
- Aim and objective of the work should be given in a separate page and should not exceed 1 page.
- Review of literature should have a minimum of 25 references and a maximum of 35 references and should have minimum of 5 pages write up but should not exceed 15 pages. Only relevant references must be included. Try to include recent articles for references and review
- Materials and Methods should have a minimum of 10 pages and a maximum of 15 pages.
- Results should cover a minimum of 5 pages. Tables and figures may be included in results.
- Discussion should have a minimum of 3 pages and a maximum of 10 pages.

- Summary of 1 page can be given.
- There is no restriction in the number of pages for bibliography.
- Review of literature and discussion can be written according to the convenience of the author.
- There will be no designs for chapter titles and it should be on the bottom right of the page.
- Font type and letter size should be as follows:

  Font : Times New Roman (only accepted)
  Size (Text) : 12
  Size (Title) : 14
  Line spacing : 1.5

- Students have to submit 4 copies of their thesis.
- Two copies should be taken as print outs and should be submitted to examiners.
- The other two copies may be either print out or photocopies.
- The two copies of the thesis to be submitted to the examiners should contain photos (if any) printed in photo sheets and remaining thesis may contain photos as color print outs.
- Bond papers should be used for taking printout for thesis.
- Copies of the dissertation submitted to the examiners will be used as student and department copies.
- The other two copies will be given to the guide and COE office after the viva voce.
- Separate photographs should be used by the students; no sharing of photos will be permitted. Photo sheets can be placed in the order of their appearance in the thesis
- No downloaded figures are permitted.
- Common binding is advised for the dissertation to make it uniform.
- Color of the cover will be informed by the department later

The following order to be followed for binding.

1. Cover page (As in wrapper)
2. Certificate page
3. Declaration
4. Acknowledgement
5. Content

6. List of Figures
7. List of tables
8. Introduction
9. Aim and objective
10. Review of Literature
11. Material and Methods
12. Results
13. Discussion
14. Summary
15. Bibliography

PPT for examination should be in the following format only

S.No.	Heading	No. of slides
1	Title, Student's name and Register number and Guide's name and designation	1
2	Introduction	2
3	Objective	1
4	Materials and Methods	3
5	Results and Discussion	7-10
6	Summary	1
Total		**15-18**

M.Sc. COMPUTER SCIENCE

II-MSC (CS)	PROJECT	JPCS1016
SEMESTER – IV		HRS/WK–17
PROJECT		CREDIT– 12

Objective:

- The main objective of this Main project is to expose the student to gain knowledge on software development.

COURSE OUTCOMES (COs):

CO1: Ability to perform Critical Thinking, Reasoning, and Creative Thinking.

C02: Ability to use the technology

C03: Ability to visualize the problems and Provide Solution

C04: Ability to test technical skills.

C05: Ability to work both independently and in groups on presentations and/or development of Projects.

Relationship Matrix Course Outcome, Programme Outcome and Programme Specific outcome

SEMESTER IV	COURSE CODE: JPCS1016					COURSE TITLE: PROJECT							HOURS : 17	CREDITS: 12
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)								MEAN SCORE OF CO'S
	PO 1	PO 2	PO 3	PO 4	PO 5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8	
CO1	5	4	5	5	4	4	4	4	4	3	4	4	4	4.10
CO2	5	4	5	5	4	4	4	4	5	3	4	4	4	4.20
CO3	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50
CO4	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50
CO5	5	5	5	5	5	5	5	4	5	3	4	4	4	4.50
Mean Overall Score														4.4

Result: The Score of this Course is 4.4(High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **High** *association with Programme Outcome and Programme Specific Outcome*

Course Theme/Content:

1. **Web based Project**

   This project focuses on the design, development, and deployment of web-based applications. Students will learn front-end and back-end development, database integration, and deployment strategies.

2. **Mobile App Development Project**

   This project is designed to provide students with the skills needed to develop mobile applications for iOS and Android platforms. It covers mobile UI/UX design, native and cross-platform development, and app deployment.

3. **Multimedia Project**

   This project covers the principles and techniques of multimedia design and development. Students will learn about digital media creation, video production, sound design, and interactive multimedia applications.

4. **Research based Project**

   This project is designed to guide students through the process of developing and executing a research project. Students will learn how to identify a research problem, conduct a literature review, design a research methodology, collect and analyze data, and present their findings. The course emphasizes critical thinking, academic writing, and ethical research practices.

FORMAT FOR PREPARING MAIN PROJECT REPORT

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any
9. Appendices should be named as

   APPENDIX – A

   APPENDIX - B

BINDING SPECIFICATION

- Report should be found using flexible cover of thick white Art Paper.
- The Spine for the Bound volume should be of black calico of 2cms width.
- The Cover should be printed in Block letters.

MARGIN SPECIFICATION

Top	:	4	cms
Bottom	:	3	cms
Left	:	4.5	cms
Right	:	2.5	cms

PAGE NUMBERING

All Page numbers should be typed without punctuation on the Bottom-Center Portion of the Page. The Preliminary pages (table of contents and abstract) should be numbered in Lowercase Roman Literals. Papers of main Text, starting with Chapter-1, Should be consecutively numbered using Arabic Numerals.

TITLE PAGE:

TITLE OF THE PROJECT

A project report

Submitted for the partial fulfillment for

the award of degree of

MASTER OF COMPUTER SCIENCE

By

STUDENT'S NAME

(Register Number)

Under the Guidance of

GUIDE'S NAME

COLLEGE ADDRESS

Month and year

CERTIFICATE PAGE:

CERTIFICATE

This is to certify that the mini project report entitled

TITLE OF THE PROJECT

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

Affiliated to Annamalai University, Annamalai Nagar.

By

Mr. / Ms. STUDENT'S NAME

For the partial Fulfillment for the award of degree of

MASTER OF COMPUTER SCIENCE

Is a Bonafide record of work carried out by

him/her, under my guidance and

supervision.

Internal Guide Head of the Department

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

Examiners:

1.

2.

M.Sc. INFORMATION TECHNOLOGY

YEAR – I	C PROGRAMMING OR WEB TECHNOLOGIES	18JPIT11
SEMESTER - I		HRS/WK –5
PROJECT – I		CREDIT – 4

Objective:

To motivate the students to work in emerging / latest technologies, help the students to develop ability, to apply theoretical and practical tools / techniques to solve real life problems related to industry, academic institutions and research laboratories.

Course Outcomes (CO's):

At the end of the Course the students should be able to develop

CO1: Stand-alone applications using "C" or HTML/CSS/Javascript
CO2: System Program using "C"
CO3: Web Services using Asp.Net
CO4: A Web Site using Asp.Net and ADO.Net
CO5: A Novel Application.

SEMESTER I	COURSE CODE:18JPIT11					COURSE TITLE :C PROGRAMMING OR WEB TECHNOLOGIES(Project)					HOURS:5	CREDITS:4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)					MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	5	5	5	5	5	5	5	5	5	5	5	
CO2	5	5	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	5	5	5	5	5	4	4.5	
CO4	4	4	4	4	4	5	5	5	5	5	4.5	
CO5	4	4	4	4	4	5	5	5	5	5	4.5	
Mean Overall Score											4.7	

Result: The score of this course is 4.7 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcomes and Programme Specific Outcomes.

About the Project:

- The project is of 5 hours/cycle for each semester duration and a student is expected to do planning, analysing, designing, coding, and implementing the project.
- The initiation of project should be with the project proposal.
- The synopsis approval will be given by the project guides.

Problem:

- Develop a project by choosing any topic in C Programming or Web Technologies.

The project proposal should include the following:

- Title
- Objectives
- Input and output
- Details of modules and process logic
- Limitations of the project
- Tools/platforms, Languages to be used
- Scope of future application

The project work should be an individual project and a project report should be submitted at the end of the semester. The students shall defend their project in front of experts during practical examinations.

THEMES/CONTENT AREAS

Students are encouraged to select project with the following themes that are relevant to the current IT market needs.

1. Android applications
2. Web applications
3. Standalone projects using Python or web development using C .

YEAR – I	JAVA PROGRAMMING OR RDBMS	18JPIT22
SEMESTER - II		HRS/WK – 5
PROJECT - II		CREDIT – 4

Objective:

To motivate the students to work in emerging / latest technologies, help the students to develop ability, to apply theoretical and practical tools / techniques to solve real life problems related to industry, academic institutions and research laboratories.

Course Outcomes (CO's):

At the end of the Course the students should be able to develop

CO1: Stand-alone applications using Java or RDBMS Package.
CO2: System Program using Java
CO3: Web Services using Servlet
CO4: A Web Site using Servlet and SQL.
CO5: A Novel Application.

SEMESTER II	COURSE CODE:18JPIT22					COURSE TITLE :JAVA PROGRAMMING OR RDBMS (Project)					HOURS:5	CREDITS:4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)					MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	5	5	5	5	5	5	5	5	5	5	5	
CO2	5	5	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	4	5	5	5	5	5	4.5	
CO4	4	4	4	4	4	5	5	5	5	5	4.5	
CO5	4	4	4	4	4	5	5	5	5	5	4.5	
Mean Overall Score											4.7	

Result: The score of this course is 4.7 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcomes and Programme Specific Outcomes.

About the Project:

- The project is of 5 hours/cycle for each semester duration and a student is expected to do planning, analyzing, designing, coding, and implementing the project.
- The initiation of project should be with the project proposal.
- The synopsis approval will be given by the project guides.

Problem:

- Develop a project by choosing any topic in Java Programming or RDBMS.

The project proposal should include the following:

- Title
- Objectives
- Input and output
- Details of modules and process logic
- Limitations of the project
- Tools/platforms, Languages to be used
- Scope of future application

The project work should be an individual project and a project report should be submitted at the end of the semester. The students shall defend their project in front of experts during practical examinations.

THEMES/CONTENT AREAS

Students are encouraged to select project with the following themes that are relevant to the current IT market needs.

1. Android applications
2. Web applications
3. Standalone projects using Java and RDBMS

YEAR – II	DATA ANALYTICS USING PYTHON OR WEB DEVELOPMENT USING PHP OR ANDROID APPLICATIONS	18JPIT33
SEMESTER - III		HRS/WK – 5
PROJECT - III		CREDIT - 5

Objective:

To motivate the students to work in emerging / latest technologies, help the students to develop ability, to apply theoretical and practical tools / techniques to solve real life problems related to industry, academic institutions and research laboratories.

Course Outcomes (CO's):

At the end of the Course the students should be able to develop

CO1: Stand-alone applications using Android and PHP.
CO2: System Program using Android
CO3: Web Services using PHP.
CO4: A Web Site using PHP and MySql.
CO5: A Novel Application.

SEMESTER III	COURSE CODE:18JPIT33					COURSE TITLE:DATA ANALYTICS USING PYTHON OR WEB DEVELOPMENT USING (project)					HOURS:5	CREDITS:5
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)					MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	5	5	5	5	5	5	5	5	5	5	5	
CO2	5	5	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	5	5	5	5	5	4	4.5	
CO4	4	4	4	4	5	5	5	5	5	4	4.5	
CO5	4	4	4	4	5	5	5	5	5	4	4.5	
Mean Overall Score											4.7	

Result: The score of this course is 4.7(Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcomes and Programme Specific Outcomes.

About the Project:

- The project is of 5 hours/cycle for each semester duration and a student is expected to do planning, analysing, designing, coding, and implementing the project.
- The initiation of project should be with the project proposal.
- The synopsis approval will be given by the project guides.

Problem:

- Develop a project by choosing any topic in Android Applications or Web Development using PHP.

The project proposal should include the following:

- Title
- Objectives
- Input and output
- Details of modules and process logic
- Limitations of the project
- Tools/platforms, Languages to be used
- Scope of future application

The project work should be an individual project and a project report should be submitted at the end of the semester. The students shall defend their project in front of experts during practical examinations.

THEMES/CONTENT AREAS

Students are encouraged to select project with the following themes that are relevant to the current IT market needs.

4. Android applications
5. Web applications
6. Standalone projects using Python or web development using PHP etc…

YEAR-II	MAIN PROJECT	18JPIT44
SEMESTER - IV		HRS/WK-30
MAIN PROJECT		CREDIT – 11

Objective:
To expose the students to industry atmosphere and help them to gain knowledge on software development.

Course Outcomes (CO's):

At the end of the Course the students should possess

CO1: Project Analysis Technical Skill.
CO2: Project Designing Technical Skill.
CO3: Project Coding Technical Skill.
CO4: Project Testing Technical Skill.
CO5: Project Implementation Technical Skill

SEMESTER IV	COURSE CODE:18JPIT44					COURSE TITLE :MAIN PROJECT					HOURS:30	CREDITS:11
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)					PROGRAMME SPECIFIC OUTCOMES(PSO)					MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	5	5	5	5	5	5	5	5	5	5	5	
CO2	5	5	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	4	5	5	5	5	5	4.5	
CO4	4	4	4	4	4	5	5	5	5	5	4.5	
CO5	4	4	4	4	4	5	5	5	5	5	4.5	
Mean Overall Score											4.7	

Result: The score of this course is 4.7 (Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcomes and Programme Specific Outcomes

About the Project:

- The students will carry out a real time project for a period of six months in IT related companies and is expected to do planning, analysing, designing, coding and implementation of the project.
- The initiation of project should be with the project proposal.
- The synopsis approval will be given by the project guides.
- Review meeting will be conducted periodically by the project guides.
- Project will be evaluated by the external examiners through viva-voce.

Problem:

- Develop a project by choosing any topic in the techniques already learnt during the complete course or that is relevant to the market needs.

FORMAT FOR PREPARING MAIN PROJECT REPORT

Arrangement of contents

1. Title Page
2. Bonafide Certificate
3. Acknowledgement
4. Table of contents
5. Abstract
6. Chapters of the Report
7. References
8. Appendices, if any

Appendices should be named as

APPENDIX – A
APPENDIX - B

BINDING SPECIFICATION

- Report should be found using flexible cover of thick white art paper.
- The Spine for the bound volume should be of black calio of 2cms width.
- The Cover should be printed in block letters.

MARGIN SPECIFICATION

Top	:	4 cms
Bottom	:	3 cms
Left	:	4.5 cms
Right	:	2.5 cms

PAGE NUMBERING

All Page numbers should be typed without punctuation on the bottom-center portion of the page. The Preliminary pages (table of contents and abstract) should be numbered in lowercase roman

literals. Papers of main text, starting with Chapter-1, should be consecutively numbered using Arabic numerals.

THEMES/CONTENT AREAS

Students are encouraged to select any real time project at any IT concern with the following themes that are relevant to the current IT market needs.

1. Android applications
2. Web applications
1. Cloud computing
2. Artificial Intelligence
3. Internet Of Things
4. Animation projects
5. Standalone projects using C#, C, C++, JAVA, Python, R programming etc…

TITLE PAGE

TITLE OF THE PROJECT

A project report
submitted for the partial fulfillment for
the award of degree of

Master of Science (Information Technology)

by
STUDENT'S NAME
(Register Number)

under the Guidance of

GUIDE'S NAME
Designation, Department

College Logo

DEPARTMENT OF COMPUTER APPLICATIONS

ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS), CUDDALORE-1

Month and Year

CERTIFICATE

CERTIFICATE

This is to certify that the main project report entitled

TITLE OF THE PROJECT

being submitted to

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

Affiliated to Annamalai University, Annamalai Nagar, Chidambaram.

By

Mr./Ms. STUDENT'S NAME

for the partial Fulfillment for the award of degree of

MASTER OF SCIENCE (Information Technology)

is a bonafide record of work carried out by him/her, under

my guidance and supervision.

Internal Guide Head of the Department

Submitted for the Viva-Voce examination held on _____

Examiners:

1.

2.

M.Com. COMMERCE

II - M.COM	**Project Work & Viva Voce**	**JPCM1020**
SEMESTER –IV		**CREDIT - 6**

M.COM PROJECT GUIDELINES

1. ABOUT RESEARCH PROJECT

1.1 WHAT IS A RESEARCH PROJECT WORK?

It is a concentrated study of a subject. It goes deeply into the subject and elaborates information about the problem investigated, the methods used to solve the problem, the findings of the investigation and the conclusions drawn, and a set of recommendations that can be implemented. The research for a project can be descriptive or explanatory.

- A descriptive study investigates the existing systems/prevailing conditions of the topic under investigation.
- In explanatory research we explore the area of study by introducing new augments to the existing system and drawing inferences and projections.

1.2 AREA OF RESEARCH:

1. Financial Management
2. Human Resource Management
3. Marketing Management
4. Banking & Insurance
5. Entrepreneurship

2. STRUCTURE OF THE PROJECT REPORT

CHAPTER NO. 1: INTRODUCTION AND DESIGN OF THE STUDY

In this chapter Selection and relevance of the problem, historical background of the problem, brief profile of the study area, definitions of related aspects, characteristics and different concepts pertaining to the problem, significance of the study, Scope of the study, Objectives of the study, Hypothesis, Research methodology, Sample size, Data collection, Tabulation of data, Techniques and tools to be used, limitations of the study etc. can be incorporated by the researcher.

CHAPTER NO. 2: LITERATURE REVIEW

This chapter will provide information about studies done on the respective issue. This would specify how the study undertaken is relevant and contribute for value addition in information/ knowledge/ application of study area which ultimately helps the learner to undertake further study on same issue.

CHAPTER NO. 3: BACKGROUND OF THE STUDY AND COMPNY PROFILE

CHAPTER NO. 4: DATA ANALYSIS AND INTERPRETATION

This chapter is the core part of the study. The analysis pertaining to collected data will be done by the learner. The application of selected tools or techniques will be used to arrive at findings. In this, table of information's, presentation of graphs etc. can be provided with interpretation by the learner.

CHAPTER NO. 5: FINDINGS, SUGGESTIONS AND CONCLUSION

In this chapter of project work, findings of work will be covered and suggestion will be enlisted to validate the objectives and hypotheses.

Instruction for preparation of project work

1. HOD Should allot Guide for guidance to the students based on her / his specialization
2. This project work is to be certified by HOD and Guide
3. Font type: Times New Roman
4. Font size: 12-For content, 14-for Title
5. Line Space : 1.5-for content and 1-for in table work
6. Paper Size: A4
7. Date of submission of project will be decided by the department.
8. There must not be similar title. Every student should be given separate title. HOD and Guide are advised to examine the title before submission to the COE office.
9. The project report should be 80 to 100 page.

TITLE OF THE PROJECT

A Project Report Submitted for the

Partial fulfilment of the requirement for the award of the degree of

MASTER OF COMMERCE

By

NAME (ROLL NO)

Under the Guidance of

GUIDE NAME

PG & RESEARCH DEPARTMENT OF COMMERCE

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

(Affiliated to Annamalai University, Chidambaram)

Cuddalore-607001

MONTH & YEAR

BONAFIDE CERTIFICATE

This is to certify that the project entitled **Title of the project** is a Bonafide Record Work submitted by **Name of the Student (Roll No)** 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 the period of--------

Signature of the HOD **Signature of the Guide**

Signature of the External

Place:

Date:

DECLARATION

I hereby state that project report entitled (Title of the project) submitted by me for the award of the degree of Master of Commerce 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 other similar titles.

PLACE:

DATE:

Signature of the Student

(Name of the Student)

M.S.W.

II – M.S.W	**RESEARCH PROJECT**	**JPSW1016**
SEMESTER – IV		**HRS/WK : 6**
CORE PROJECT		**CREDIT : 6**

OBJECTIVE:

To provide hands on training to the students in the area of research work and enable them to practice the process of research in social work practice.

COURSE OUTCOMES (COs)

After completing this course, students will:

CO1: Able to practice social work research in their specialized field.
CO2: Know about writing research proposal
CO3: Acquire skills and attitude of data collection and analysis
CO4: Be equipped with knowledge on the process of doing research work.
CO5: Develop the skills to prepare, present and publish research reports

Relationship Matrix Course Outcomes, Programme Outcomes and Programme Specific Outcomes

SEMESTER IV	COURSE CODE: JPSW1016					TITLE OF THE COURSE: RESEARCH PROJECT					HOURS :6	CREDITS:6
COURSE OUTCOMES (CO)	PROGRAMME OUTCOMES (PO)					PROGRAMME SPECIFIC OUTCOMES (PSO)					MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5		
CO1	4	5	4	4	4	4	4	5	4	4	4.2	
CO2	2	5	4	3	4	4	4	5	4	4	3.9	
CO3	4	5	4	4	4	4	4	4	4	4	4.1	
CO4	3	5	2	4	4	4	3	5	5	5	4	
CO5	4	5	3	4	4	4	4	5	5	5	4.3	
	Mean Overall Score										4.1	

Result: The Score of this Course is 4.1(Very High)

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome.

Guidelines

The students are placed under a supervisor for the research project work. They are encouraged to start the project work at the end of the third semester itself. The students an choose the area of the research based on the interest with the guidance of the faculty research supervisor. Review meeting of three stages will be held in 20 days interval in the fourth semester to monitor and guide the Students' Research Project. The students have to complete the research study and submit the final copy for to the department for the evaluation by the Faculty research supervisor for 30 marks as internal in the fourth semester. At the end of the semester Viva- Voce is conducted by two examiners, one being an external examiner and the other would be the internal faculty.

Requirements for Review Meeting

Each student must prepare the PPT and give presentation during the review meeting conducted by the department as given below:

Review Meet I	– Research Proposal
Review Meet II	– Introduction, Review of the Literature, Research Methodology and Tool
Review Meet III	– Data Analysis, Interpretation, Findings and Suggestions

Report Format

The Research Project Report should be typed in Times New Roman Font, 12 font size with 1.5 line space

1. Outer Cover
2. Title Page
3. Certificate
4. Preface
5. Acknowledgement
6. Table of Contents
7. List of Tables
8. List of Figures
9. List of Plates (if any)

{(The above nine items are the preliminaries of the research report, which should be numbered in Roman small numbers at the bottom of the page e. g. i, ii, iii) Arabic numbers are used for the following items.}

Chapter I	:	Introduction 1. A brief General Introduction 2. Statement of the Research Problem 3. Need / Significance / Importance of the Study
Chapter II	:	It consists of Review of Literature (with an appropriate title) This chapter ends with General and Specific Objectives
Chapter III	:	Methodology This chapter describes the various steps used in carrying out the research task. It is described in the past tense.

1. Chapter Introduction
2. Field of Study.
3. Pilot Study
4. Research Design
5. Selection of Sample
6. Tools of Data Collection
7. Sources of Data
8. Pre testing
9. Actual Data Collection
10. Definition of Terms
11. Analysis
12. Limitations
13. Organisation of the

Report Chapter IV : Analysis and Interpretation

This chapter presents the analyzed data either by a table or a chart and not both for the same variable. The variable name is given as a sub title, introduction of the variable, presentation of data (table No. and table title) analysis then interpretation of data. Interpretation is not mere description of the numbers into words but giving meaning for the data distribution.

Chapter V : Main Findings (Percentage in brackets) and Suggestions

Chapter VI : Summary and Conclusion

Bibliography : It is arranged in the alphabetical order by the author's name. Author's surname, year, title, place, publisher Appendix

Expected areas of Research Project

Students can choose their project topics based on their specialization from the following areas. The following themes focus on the primary and secondary methods of social work, present social issues and also consider the different specialization and the interest of the students which will create the impact on their profession.

a) Community Development / Problem based topics

- Socio-economic status of the people, group or community.
- Policies and schemes used for the development.
- Environmental development / issues.
- Focusing on Slum / Tribal / Rural / Urban problems.
- Measuring employment / unemployment problem of the people.
- Identifying SHGs / Entrepreneurial developments.
- Problems encountered by sub-altern communities and weaker sections

b) Medical and Psychiatric Social Work

- Problems related to physical, mental and psychological health
- Quality of sleep, stress, anxiety, depression, phobia, etc.
- Assessment of self-esteem, mental health, emotional intelligence, etc.
- Mental disorders, Traumas, addiction and so on.

c) Human Resource /Labour Legislations /Organizational Behaviour

- HRM related topics like Recruitment and selection process, Strategy used for Job analysis, Training and development, Recent Trends in HRM, etc.
- Labour and Legislations related issues like Work life balance, Quality of work, Employee/Employer Relationships, Regulations of all labour legislations related to Social Security, Wage Legislations etc.
- Organization Culture, Organization Climate, Organization Change, etc.