



PROGRAMME SPECIFIC OUTCOMES

POST GRADUATE PROGRAMMES

PROGRAMME SPECIFIC OUTCOMES (PSO): The Programme Specific Outcome (PSO) outlines the expected accomplishments of students in a particular academic program upon its completion. The PSOs detail the skills, knowledge, and abilities that graduates will possess upon completing the specific programme.

M.A. ENGLISH

At the end of **M.A. ENGLISH** Programme a student will have obtained:

PSO1: Communication Skills

Students display expertise in spoken and written communication as they are strong in grammar and language usage.

PSO2: Disciplinary Knowledge

Students express through knowledge in the discipline of Arts- English and linguistics structures.

PSO3: Critical Thinking

Applying critical frameworks in analyse linguistics, cultural and historical background of the text.

PSO4: Multicultural Competence

Familiarise among the conventions of diverse textual genres including fiction, non-fiction, biography, autobiography, drama etc.

PSO5: Research Related Skills

Ability to inquire/ recognises cause-and-effect relationships, analyse, interpret and draw conclusions from the text.

PSO6: Self-directed learning

Ability in choosing from genres and pursue projects in select works to research the hidden ideas in texts and identify literal truths.

PSO7: Reflective Thinking

Critical thinking to reflect on the subject and relating it to the life experience.

PSO8: Lifelong Learning

Learning how to grasp ideas and knowledge to pursue higher education and widen their scope of research to assert literal / universal truths.

M.A. TAMIL

At the end of **M.A. TAMIL** Programme a student will have obtained:

PSO1: ஒழுக்க நெறிமுறைகள்

அற இலக்கியத்தின் மூலம் அறக்கருத்துகளையும் ஒழுக்கநெறிமுறைகளையும் கடைப்பிடிக்கலாம்.

PSO2: சுற்றுச் சூழல் நிலைத் தன்மை

காப்பியங்கள், பண்டைய இலக்கியங்கள் மூலம் சுற்றுச்சூழல் பயன் மற்றும் மாசுஅடையாவண்ணம் இயற்கையை பயன்படுத்தக்கற்றல்

PSO3: பிழையின்றி எழுதும் திறன்

தமிழை இலக்கண, இலக்கியப் பிழையின்றி எழுதமுயல்வர்.

PSO4: மனிதநேயத் தன்மை

சமய இலக்கியங்கள் மற்றும் பிற இலக்கியங்கள் மூலம் மற்றவர்களுக்கு உதவும் தன்மையும், கொடுத்துதவும் நெறியையும் கற்றல்.

PSO5: கலாச்சாரம், பண்பாடு அறிதல்

சங்க இலக்கியங்கள் மூலம் அக்காலங்களின் பழக்கம், பண்பாடு மற்றும் ஆடை, அணிகள்கள் பற்றி அறியமுடியும்.

PSO6: தொழில் சார்ந்த நெறிமுறைகள்

எதிர்காலத்தில் வேலைவாய்ப்பை பெறவும், தொழில் தொடங்கவும், வாணிபம் செய்யவும் கற்றல்.

M.A. HISTORY

At the end of **M.A. HISTORY** Programme a student will have obtained:

PSO1: Disciplinary Knowledge

Understand background of our religion, customs institutions, administration and so on.

PSO2: Design and Development

Understand the present existing social, political, religious and economic conditions of the people.

PSO3: Ethics

Analyze relationship between the past and the present is lively presented in the history.

PSO4: Environment Sustainability

Develop practical skills helpful in the study and understanding of historical events. They:

(a) Draw historical maps, charts, diagrams etc.

(b) Prepare historical models, tools etc.

PSO5: ICT & Digital Literacy

Develop interests in the study of history and activities relating to history. They:

(a) Collect ancient arts, old coins and other historical materials;

(b) Participate in historical drama and historical occasions;

(c) Visit places of historical interests, archaeological sites, museums.



M.Sc. MATHEMATICS

At the end of M.Sc. MATHEMATICS Programme a student will have obtained:

- PSO1:** Students will be able to do updated software for mathematics which will be very useful for their research programs.
- PSO2:** Students enable to apply the concepts of statistics, operation research and probability theory in real life problems.
- PSO3:** Elective papers in P.G programme enable the students to face the real time applications.
- PSO4:** This course introduces the students to the new concept of fuzzy mathematics and their application in real life situations.
- PSO5:** A research oriented learning that develops analytical and integrative problem solving approaches.
- PSO6:** Such courses help to communicate effectively on commercial aspects with the society at large.
- PSO7:** Students will be able to publish research articles in reputed journals and UGC listed journals.
- PSO8:** Create, select and apply appropriate techniques resources and modern technology in multi-disciplinary environment.
- PSO9:** Solve complex problems by critical understanding analysis and synthesis.
- PSO10:** Recognize the need to encourage in lifelong learning through continuing education and research.

M.Sc. PHYSICS

At the end of M.Sc. PHYSICS Programme a student will have obtained:

- PSO1:** Improve the basic concepts of core areas of Physics especially in mathematical Physics, electromagnetism, classical mechanics, statistical mechanics and quantum mechanics for unraveling the diverse phenomena observed in nature.
- PSO2:** Perform the general Physics and research oriented experiments with appropriate analysis for proper interpretation of results.
- PSO3:** Undertake the individual project and present the research findings.
- PSO4:** Motivate the students to Independently carry out research / investigation to solve practical problems.
- PSO5:** Encourage to write / present a substantial technical report/document.
- PSO6:** Inspire critical thinking and innovative skills.



M.Sc. CHEMISTRY

At the end of **M.Sc. CHEMISTRY** Programme a student will have obtained:

- PSO1:** Acquires knowledge about all basic concepts of all the elements of chemistry.
- PSO2:** Excel as academicians and research oriented skills to pursue Ph.D programme targeted approach of CSIR – NET examination.
- PSO3:** Shine in Discipline-specific competitive exams conducted by service commission.
- PSO4:** Unique employment in the Research & Development department of chemical industries & Allied Division.
- PSO5:** Professionally competent to take up careers in academics, health care and service industry.
- PSO6:** Immense job convenience at all level of chemical and its related industries.
- PSO7:** A research-oriented learning that develops analytical and integrative problem-solving approaches.
- PSO8:** Cultivates the competency to synthesize, separate and characterize compounds using laboratory and instrumentation techniques.

M.Sc. BIOCHEMISTRY

At the end of **M.Sc. BIOCHEMISTRY** Programme a student will have obtained:

- PSO1:** Students are able to gain knowledge and demonstrate their understanding of fundamental principles in Biochemistry such as structure and functions of Biomolecules, metabolism and regulation of biochemical process.
- PSO2:** Students are trained to acquire skill in the biochemical techniques and able to demonstrate their scientific skill in both experimentation and in real life situations.
- PSO3:** Students are instilled with ability to approach in each every biological process or research with moral, ethical and scientific reasoning.
- PSO4:** Students are prepared to communicate their ideas and thoughts effectively and also apply their critical scientific approach in their knowledge development.
- PSO5:** Students are encouraged to acquire knowledge and skill throughout their life in order to meet the ever changing scenario in the society/challenges in the society.
- PSO6:** Students are prepared to articulately interpret and predict various cause and effect relationship in biological process or research.
- PSO7:** Students are entrusted to work independently to enrich their skill & knowledge through various activities like Seminar, Assignment, Quiz etc.
- PSO8:** Students are empowered to gain effective skill for their future growth with existing knowledge to identify their career in diverse fields.



M.Sc. APPLIED MICROBIOLOGY

At the end of **M.Sc. APPLIED MICROBIOLOGY** Programme a student will have obtained:

PSO1:The Students will have a thorough understanding of basic and applied concepts in Microbiology

PSO2:The Students will gain knowledge of microorganisms to invent novel technologies

PSO3:The Students will explore the various branches of Microbiology to become an entrepreneur

PSO4: The Students are trained to be competent to become highly valued professionals in academia, research and industry

M.Sc. COMPUTER SCIENCE

At the end of **M.Sc. COMPUTER SCIENCE** Programme a student will have obtained:

PSO1: Disciplinary knowledge

To acquire knowledge of mathematics and science with fundamentals of computer science to solve complex problems related to the field of Computer science.

PSO2: Problem Analysis, Design and Development

Ability to identify, formulate and analyze complex problems related to computer science and reaching a substantiated conclusions using mathematics and its applications. Capable of analyzing, designing, developing, testing and implementing software systems

PSO3: Ethics & Environment Sustainability

Ability to understand professional & ethical responsibility in the field of Computer Science. Understand the impact of the computer professionals in societal and environmental contexts.

PSO4: ICT & Digital Literacy

Capability to use appropriate software for analysis of data and relevant information from various sources for easy access and evaluation in variety of learning situation.

PSO5: Research Development & Project Management

Discover potential research areas in the field of IT, demonstrate knowledge and understanding of the Project management principles



M.Sc. INFORMATION TECHNOLOGY

At the end of **M.Sc. INFORMATION TECHNOLOGY** Programme a student will have obtained:

PSO1:IT Knowledge

Expertise in developing solutions for complex problems related to Information Technology.

PSO2:Problem Analysis

Competence with the latest technologies evolving in the Information Technology Domain.

PSO3:Professional Skills

Coding Real time Problems with the state of the art software.

PSO4:Successful Career

Emphasize the inherent leadership qualities.

PSO5:Environment Sustainability

Possess Knowledge and understanding of the Software Engineering Principles and apply this to a team as a team leader to achieve a specific goal.

M.Com. COMMERCE

At the end of **M.Com. COMMERCE** Programme a student will have obtained:

PSO1: This programme has been designed to develop Critical, Analytical and Cognitive skills among the Students.

PSO2: Leadership Qualities of the Students are developed by encouraging them to organizing various activities.

PSO3: Through the Internship Training the Students are able to get the Practical Exposure in Industries.

PSO4: Entrepreneurial Interest is created among the students by developing their Competency and Self-Confidence level. Further this course is aiming to infuse the sense of social responsibilities and ethical values to apply them in Business, Profession and Job.

PSO5: Students are given the opportunity to take up Research activity which gives them more insight in the day today business issues.



M.S.W. SOCIAL WORK

At the end of M.S.W. SOCIAL WORK Programme a student will have obtained:

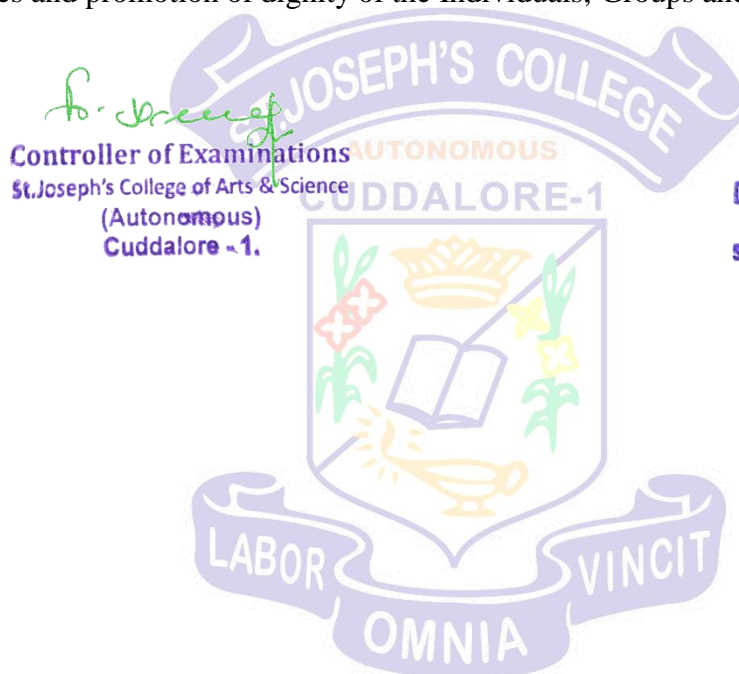
PSO1: The students acquire skill based Social Work Training leading to their Professional and Personal development through theory and field learning.

PSO2: Future Professionals are equipped with knowledge of Human behaviour and Social environment to effectively manage diverse social issues and concerns.

PSO3 Research Attitude is developed to make students' thinking critical, Reflective and analytical with social values and commitment.

PSO4: The students are enabled to have leadership qualities by the application of the primary and secondary methods of Social Work.

PSO5: Formation of students with comprehensive understanding in the national, cultural and ethical values and promotion of dignity of the Individuals, Groups and Communities.




Principal

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