



## AUXILIUM COLLEGE (Autonomous)

(Accredited by NAAC with A+ Grade with a CGPA of 3.55 out of 4 in the 3<sup>rd</sup> cycle)  
Gandhi Nagar, Vellore – 6.

### PG PROGRAMME SPECIFIC OUTCOME PSO (DEPARTMENT LEVEL)

**On completion of M.A. Programme in English, students will be able to**

- PSO1:** Demonstrate wide knowledge of literary periods and movements, intellectual, linguistic, religious, and artistic influences
- PSO2:** Analyse and interpret Literature using traditional, modern, and contemporary theories and approaches
- PSO3 -** Appreciate and discuss varying opinion of literary works (K4)
- PSO4:** Critically interpret emerging traditions of literature, culture and thought in the canon of new literatures
- PSO5:** Demonstrate skills in Research Methods and tools to initiate and attempt research projects in Literature and Language
- PSO6:** Innovate and apply the skills of oral, written communication and analytical skills in the prospective areas of teaching, training, writing, editing, translating, publishing, advertising etc.

**On completion M.S.W Programme, students will be able to**

- PSO1:** Apply the knowledge of social work in the domain of community development, human resource management, medical and psychiatric rehabilitation.
- PSO2:** To enhance the individuals to help themselves with the scientific knowledge about the dynamics of problem and social issues.
- PSO3:** It brings a change in attitudes and values of individual irrespective of their class, caste or gender
- PSO4:** To utilize the available resources for the empowerment of vulnerable groups and critically analyze the problems, needs to create impact in society.
- PSO5:** To prepare the individual in understanding the human behaviour with the relation to society
- PSO6:** To utilize the opportunity and of professionalism in the development process

**On completion M.B.A Programme, students will be able to**

- PSO 1:** At the end of the course the students shall be able to conceptualize, critically analyse, provide solutions to problems challenging real-life situations, gain practical exposure in Business and Management.
- PSO 2:** Students gain the ability to synthesize knowledge with skills in the areas of Business and Management and can provide innovative and entrepreneurial solutions to job-related problems.
- PSO 3:** Students can objectively research on business and management problems by collecting, analysing, and interpreting the data and professionally recommend feasible solution/s.
- PSO 4:** Students will understand the professional, legal, ethical, and environmental responsibilities and will be committed towards them.

**PSO 5:** Students develop self-learning skills, and remain updated on contemporary management practices and can leverage their learning to provide solutions to business problems.

**PSO 6:** The students can function effectively as an individual and in a group with the capacity to be a team leader, as an entrepreneur, and administrator.

**On completion M.Com Programme, students will be able to**

**PSO1:** Possess professional skills for employment and lifelong learning in Commerce and Become successful entrepreneurs and professionals in the field of Banking, Auditing and Accounting, Insurance, Manufacturing industries and finance.

**PSO2:** Integrate cognitive and analytical skills to manage financial aspects of Business and Banks.

**PSO3:** To inculcate the practical knowledge in the field of auditing, tax filing, share market and other finance related services.

**PSO4:** To make students employable as per the requirements of different types of business organizations through projects and Internship Training Programme.

**PSO5:** To provide a platform to enhance technical, accounting, financial and business skills for developing solutions for business problem

**PSO6:** To introduce the students to career oriented courses like Enterprise Resource Planning and Tally

**On completion M.Sc. Biochemistry Programme, students will be able to**

**PSO 1:** Acquire in-depth knowledge in Biochemistry concepts and life science

**PSO2:** Develop techniques needed for the employability.

**PSO 3:** Evaluate ideas and evidence rationally to produce and implement solution to the socially relevant problem

**PSO 4:** Develop research skills and practice life science in an ethical and responsible manner

**PSO 5:** Demonstrate understanding of the societal, health, safety, legal and cultural issues and consequent responsibilities

**PSO 6:** Recognize the present need and have the ability to engage in independent and lifelong learning

**On completion M.Sc. Chemistry Programme, students will be able to**

**PSO1:** Attain an in-depth knowledge on advanced concepts in various branches of chemistry augmented through self-learning, persist in life-long learning for personal and societal progress.

**PSO2:** Demonstrate an ability to conduct experiments and perform accurate quantitative measurements with an understanding of the theory and develop practical skills in handling analytical instruments.

**PSO3:** Interpret experimental results, perform calculations on these results and draw reasonable, accurate conclusions.

**PSO4:** Assimilate and apply principles and concepts towards skill development, employability, critical and scientific approaches to address the problems and find solutions.

**PSO5:** Develop research skills through multi/inter/trans-disciplinary perspectives and to qualify CSIR-NET and other competitive examinations.

**PSO6:** Communicate effectively through report writing, documentation and effective presentations and integrate the knowledge in chemistry for sustainable environment.

**On completion M.Sc. Computer Science Programme, students will be able to**

**PSO1:** To apply fundamental knowledge of computing and science relevant to the discipline.

- PSO2:** Ability to learn & apply advance concepts to generate novel solutions for solving complex computational problems.
- PSO3:** To design, implement, and evaluate a computer-based system, process, component, or program for various applications.
- PSO4:** Contribute significantly to the research and the discovery of new knowledge and methods in the field of computer science.
- PSO5:** To use current techniques, skills, and modern tools necessary for research-based knowledge and research methods for the cultural, societal, environmental considerations and demonstrate the knowledge of and need for sustainable development.
- PSO6:** To Formulate models, design and conduct experiments for interpreting data and critical thinking.

**On completion **M.Sc. Electronic Media Programme**, students will be able to**

- PSO1:** To obtain wide Knowledge in the area of Electronic Media Production and demonstrate Clear and coherent communication skills.
- PSO2:** To Assimilate and apply Video and Audio editing techniques, Multimedia, and Web Designing Projects towards skill development and employability.
- PSO3:** To Assimilate the critical and scientific approaches to address the Research problems and Find solutions.
- PSO4:** To Integrate the issues of social and Ethical relevance in the field of Documentary and Short film Production.
- PSO5:** To become ethically committed media professionals and entrepreneurs by adhering to Human values, the Indian and the Global cultures.
- PSO6:** To acquire primary Research skills, and understand the importance of innovations, Incubation and entrepreneurship.

**On completion **M.Sc. Mathematics Programme**, students will be able to**

- PSO1:** Attain in-depth knowledge in Pure Mathematics through theorems and Applied Mathematics using real-life examples and simulation results.
- PSO2:** Develop a deep interest in Advanced Mathematics and have the capability to understand the outcomes in various branches of Mathematics.
- PSO3:** Have the capability to apply the programming concepts of JAVA, MATLAB, and R language to model, formulate and solve real-life problems.
- PSO4:** Acquire profound knowledge in Mathematics to develop a range of generic skills to qualify for the fellowship examinations approved by UGC like CSIR-NET, JRF, GATE, and SET.
- PSO5:** Inculcate research-level thinking in the field of pure and applied mathematics and apply theoretical knowledge to write the dissertation using the Mathematical software LaTeX.
- PSO6:** Develop teaching, research, and technical skills in Mathematics for employment in different sectors and enhance self-learning & life-long learning to compete at the global level and meet social needs.

**On completion **M.Sc. Physics Programme**, students will be able to**

- PSO1:** Attain in depth knowledge on various areas of Physics.
- PSO2:** Understand the various methods in the respective field.
- PSO3:** Inculcate the mathematical concepts for solving problems.
- PSO4:** Gain knowledge about various applications.
- PSO5:** Become Skilled to face competitive examinations.
- PSO6:** Attain interest for higher education and research.

**On completion M.Sc. Zoology Programme, students will be able to**

- PSO1:** Have in-depth knowledge on animal diversity from acellular to multicellular level of organization and apply the learnt concepts in all the fields of Zoology.
- PSO2:** Demonstrate expertise in practical procedures and handling laboratory equipments/instruments. Effective communicator, novel thinker to address the emerging needs.
- PSO3:** Be abled leaders with team spirit, analytical thinking and completion of work in academic, on-field and research areas.
- PSO4:** Gain ability to develop research aptitude/creative thinking in contemporary and current fields of interest.
- PSO5:** Conduct their duty with at most honesty and adhere to ethical protocols. On the whole, be agents of social transformation to up bring their society at large.
- PSO6:** Be technically sound in applying the Information technology and will be lifelong learners in updating to the current advancements in their respective fields.

**On completion M.Sc. Microbiology Programme, students will be able to**

- PSO1:** Attain an in-depth knowledge in the anatomy and physiology of a repertoire of microorganisms with its beneficial and harmful associations.
- PSO2:** Demonstrate practical skills in the use of tools, technologies and methods common to microbiology, and apply the scientific method and hypothesis testing in the design and execution of experiments.
- PSO3:** Develop ability to independently carry out a complete scientific work process with research ethics, including the understanding of theoretical background, hypothesis generation, collection and analysis of data, and interpretation and presentation of results.
- PSO4:** Acquaint a broader knowledge in the concepts of Taxonomy, molecular biology, immunology, food, environment and agricultural microbiology, nanotechnology, forensic science and genetic engineering.
- PLO5:** Incorporate effective career with marketing, project management, business development or venture capital within the biotech, pharmaceutical, medical technology or related fields.
- PSO6:** Compete in state/national level competitive exams to pursue higher study with an understanding that education is life-long process for personal and societal progress.

*S. Parvathi*

**Controller of Examinations**  
**Controller of Examinations,**  
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*Sr. Vijayalakshmi*

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