PROGRAMME SPECIFIC OUTCOMES

MSC COMPUTER SCIENCE

Programme Specific Outcomes

Students will

- Understand the role of Computer Science in solving real time problems in society.
- Know the recent developments IT, future possibilities and limitations, and understand the value of lifelong learning
- Become technology-oriented with the knowledge and ability to develop creative solutions, and better understand the effects of future developments of computer systems and technology on people and society as a whole.
- Acquire some development experience within a specific field of ComputerScience, through project work.
- Gain ability to apply knowledge of Computer Science to the real-world issues.
- Get familiar with current research trends in various fields of ComputerScience.
- Use creativity, critical thinking, analyses and research skills.
- Get prepared for placement by developing personality and soft skills.
- Gain ability to communicate scientific information in a clear and concisemanner.
- Build up programming, analytical and logical thinking abilities.
- Know the recent developments in IT, future possibilities and limitations, andunderstand the value of lifelong learning.
- Get an ability to participate in debates, discussions in the societyconstructively.
- Gain management skills to cater the corporate sector.

MSC CHEMISTRY

Program specific outcomes

- Know the structure and bonding in molecules and predict the Structure of molecule.
- Understand the various types of reactions and their mechanisms.
- Understand and apply principles of Organic Chemistry to understand the Reactionmechanisms.
- Learn the Familiar name reactions and their reaction mechanisms.
- Understand good laboratory practices and safety.
- Study of reagents and their applications.
- Design of reactions with regioselectivity and stereoselectivity
- Synthesis of Natural products and drugs by using proper reagents.
- Study of Asymmetric synthesis.

MSC ECONOMICS

Programme Specific Outcomes (PSO)

PSO1 Students are able to apply the knowledge of core concepts of Economics in semesterexams, in the UGC-NET/SET and Gate national level exams as well as in the research level project work, which is suitable to communicate/ present further in workshops, seminars, symposiums and debates.

PSO2 Through assignments, NET-SET coaching workshops and research based projectwork in both theoretical and field study domains, students are able to reveal analytical skills and critical thinking.

PSO3 In day-to-day access to study material, through presentation, students are capable enough to make use of Power Point Presentations (PPTs), Web-based academic linksand can also get hand on experience of using appropriate software.

PSO4 Through the research culture of the department and skills acquired therein, studentsare capable of sustaining subsequent academic progression inside the country and overseas as well, and;

PSO5 Regular practice of self-declaration of the authenticity, uniqueness of project/ research work and plagiarism check

MSC PHYSICS

Program Specific Outcomes (PSO)

PSO1

Students are able to apply the knowledge of core concepts of physics in semester exams, in the NET, SET and GATE, national level exams as well as in the research level projects work whichis suitable to communicate/present further in workshops and conferences

PSO2

Through assignments, NET-SET coaching workshops and research based project work in boththeoretical and experimental domains, students are able to revel analytical skills and critical thinking

PSO3

In day today access to study material, through presentations, students are capable enough to make use of PowerPoint presentations, Moodle (LMS), Web-based academic links and can alsoget hands on experience of using proprietary software like MATLAB, Mathematica under experiential learning.

PSO4

Through the research cultural of the department and skills acquired therein, students are capableof sustaining subsequent academic progression inside the country and overseas as well

PSO5

Regular practice of Self-declaration of the authenticity, uniqueness of project work, plagiarismcheck, and departmental scrutiny etc. inculcates the ethics in the research publication.