

SUBHARAM GOVERNMENT DEGREE COLLEGE

PUNGANUR - 517247.

B. Sc (MPCs)

PROGRAMME OUTCOMES

PO1: Knowledge: Understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.

PO2: Problem analysis: Analyze the given scientific data critically and systematically and the ability to draw the objective conclusions.

PO3: Programming skills: Serve as the Programmers or the knowledge of practical and theoretical concepts for developing software.

PO4: Communication skills: Develop various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively.

PO5: Instrumentation: Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO6: Environment and sustainability: Develop flair by participating in various social and culture activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.,

Programme Specific Outcomes

- Understand the fundamental axioms in mathematics and capability of developing ideas based on them.
- Inculcate mathematical reasoning.
- Prepare and motivate students for post graduate's studies in mathematics.
- Provide knowledge of a wide range of mathematical techniques and application of mathematical methods/tools in other scientific and engineering domains.
- Provide advanced knowledge on topics in pure mathematics, empowering the students to pursue higher degrees at reputed academic institutions.
- Good understanding of differential equations, group theory, real analysis, linear algebra, Laplace transform which can be used in various fields.
- Problem solving skills, thinking, creativity through assignments, project work.
- Assist students in preparing (personal guidance, books) for competitive exams e.g., NET, GATE, etc.