DEPARTMENT OF MATHEMATICS PROGRAM OUTCOMES (POs)

PO 1: Domain Expertise: Able to demonstrate a thorough understanding and grasp more academic subjects that are part of an undergraduate program of study.

PO 2 : Effective Communication Skills: Effectively convey thoughts and ideas. Enhance the ability to present noteworthy information in a clear and concise manner to various groups

PO 3 : Critical Thinking: Evaluating and analyzing arguments, assertions, and opinions using empirical data. The ability to identify relevant assumptions or implications and construct logical arguments. Critically analyse practices, policies, and theories by utilizing a scientific approach to knowledge acquisition.

PO 4 : Critical Problem Identification & Solving: The ability to apply one's competences to solve unfamiliar challenges based on what has been learned . Apply one's learning to real life PO 5: Teamwork / Coordination: Being able to facilitate a group's cooperative effort and act together as a group or team to achieve a common goal. Work effectively as an individual as well as a member of the team.

PO 6 : Effective Project Management: Determine the project's goals, objectives, and components, as well as the appropriate completion date. Plan and organize in such a way as to meet the targets on time. Be capable of recognizing opportunities and developing contingency plans.

PO 7 : Moral and Ethical Consciousness: Ability to live moral and ethical ideals and to use ethical practices in all aspects of one's job. Capable of demonstrating the ability to recognize ethical issues relevant to one's work, abstain from unethical behavior, show respect for environmental and sustainability issues, and act impartially and truthfully in all aspects of one's work.

PO 8 : IT literacy skills: The ability to utilize ICT in various learning situations. Using ICT tools to access, retrieve, and modify authenticated data using data analysis.

DEPARTMENT OF MATHEMATICS PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1 Think in a critical manner

PSO 2 Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.

PSO 3 Formulate and develop mathematical arguments in a logical manner.

PSO 4 Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.

PSO 5 Understand, formulate and use quantitative models arising in social science, Business andother contexts.

PSO 6 A student should be able to recall basic facts about mathematics and should be ableto display knowledge of conventions such as notations, terminology.

PSO 7 Enabling students to develop a positive attitude towards mathematics as an interestingand valuable subject of study.

PSO 8 Student is equipped with mathematical modeling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment