

## **Program Outcomes (POs)**

### **B. Sc. Mathematics (G)**

- PO-1. *Disciplinary knowledge:*** Capability to acquire deep knowledge of several branches of mathematics and other areas like computer science, physics, chemistry, biology, etc., and demonstrate them.
- PO-2. *Communication Skills:*** Ability to communicate mathematics effectively by written, computational and graphic means.
- PO-3. *Creativity:*** Able to think and express any scientific idea in a unique way.
- PO-4. *Problem solving:*** Students undergoing this programme learn to analyse the situation, make a mathematical problem and find its solution.
- PO-5. *Analytical reasoning:*** The learners would be capable to analyse and synthesise theories and mathematical data for drawing valid conclusions so that they can be utilized in modelling and solving real life problems.
- PO-6. *Scientific temper:*** Able to evaluate ideas by interpreting various mathematical or statistical data which creates scientific temper on them to involve in any scientific event.
- PO-7. *Cooperation/Team work/ Leadership readiness:*** Able to work efficiently with their teams; facilitate coordinated effort on the part of a team, and act together as a group or a team in the interests of a common work.
- PO-8. *Moral and ethical awareness/reasoning:*** Ability to use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data.
- PO-9. *Information/digital literacy:*** Capable to use ICT for demonstrating several mathematical ideas through suitable software for analysing mathematical data.
- PO-10. *Proficiency in Employments:*** This programme will help students to enhance their employability for several jobs like Government jobs, jobs in banking sectors, data analysis, jobs in various other public and private enterprises, etc.