# **Programme Outcomes and Programme Specific**

# **Outcomes (PSOs) B. Sc. Mathematics Programme**

## PROGRAMME OUTCOMES (POs)

**PO1**: Evolve to a committed and compassionate human being respecting the dignity of every individual

**PO2**: Communicate effectively and possess scientific temper and modern outlook of the world

**PO3**: Develop ecological consciousness and imbibe the principles of Swachh Bharat in deeds and actions

**PO4**: Engage in life-long learning to acclimatize themselves in an ever changing world

PO5: Work effectively as an individual, and as a team member

**PO6**: Apply the scientific knowledge acquired in classrooms and labs in real-life situations and be motivated and ready to pursue higher education

**PO7**: Become worthy global citizens who will emerge as future leaders, entrepreneurs and efficient administrators

### **BSc Mathematics (Model I)**

#### (CBCS-Under Graduate Degree Programme, 2017 admission onwards, MG University)

#### **Programme Specific Outcome (PSO)**

After the completion of this programme the students will be able to

**PSO1**: Apply appropriate mathematical techniques in a multidisciplinary environment.

**PSO2**: Explain and discuss core areas of pure mathematics including geometry, algebra, mathematical analysis and discrete mathematics.

**PSO3**: Analyze and apply mathematical arguments in a logical and critical manner.

**PSO4**: Compare, relate and use quantitative models arising in social science, business and other contexts for further extension of their studies

**PSO5**: Categorize and examine advanced areas of mathematics and statistics, chosen by the student from the given courses for future research and societal applications

**PSO6**: Attain prominent career in industry, banks, offices and for further academic study.