

# PROGRAMME SPECIFIC OUTCOMES

## M. Sc. MATHEMATICS



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI, J&K, INDIA

## PROGRAMME SPECIFIC OUTCOMES (PSO)

After completing this program successfully, we expect a student

- PS01** to have sufficient understanding of some core areas of Mathematics such as Real and Complex Analysis, Topology, Functional Analysis and Operator theory, Abstract and Linear Algebra, Galois theory, ODE, Numerical Analysis etc.
- PS02** to have sufficient knowledge of applications of above mentioned mathematical areas in various other fields of Mathematics and real world.
- PS03** to have deep understanding of that part of Mathematics which he or she encounters in National and State Level Eligibility tests(NET/ SET).
- PS04** to have a training of surfing internet for research purposes and to do team work through projects undertaken by the students in final semester.
- PS05** is prepared with such a strong background of the subject that he/she can do quality research of international repute in core areas of Mathematics.
- PS06** is prepared with such a strong background of the subject that he / she can acquire advanced knowledge of the subject independently.
- PS07** is enabled with good communication skills in both verbal and written forms.
- PS08** gets enough confidence to speak before gatherings by making him to go through a series of presentations in the class room during his / her course of the study.
- PS09** have sufficient computer skills which he / she requires in his / her further studies in the subject.
- PS10** have sufficient introduction to Mathematical software MATLAB, LATEX and SPSS.