

DEPARTMENT OF MATHEMATICS

Maharaja Ranjit Singh Punjab Technical University, Bathinda

PROGRAMME OUTCOMES

(M. Sc. MATHEMATICS)



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State University Estab. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Dabwali Road, Bathinda-151001 (Punjab), India

PROGRAMME OUTCOMES (POs)

1. **PO1:** Develop new mathematical ideas from basic and advance axioms.
2. **PO2:** Provide a strong foundation in core areas of Mathematics, both pure and applied.
3. **PO3:** Inculcate the skill of reading-writing and diagrammatical mathematical text.
4. **PO4:** Demonstrate understanding of the hypothesis, theories and its techniques.
5. **PO5:** Apply their theoretical knowledge to solve advance problems.
6. **PO6:** Identify and solve complex scientific problems using Mathematical acumen.
7. **PO7:** Apply mathematical skills and logical reasoning for problem solving.
8. **PO8:** Inculcate ethical principles and responsibilities of a scientist to serve the society.
9. **PO9:** Leading to enhancement of career opportunities for Research.
10. **PO10:** Enhancement of various skills required for employment or jobs through activities such as seminar and workshops.
11. **PO11:** Communicate effectively through soft skills, report writing, documentation and effective presentations.
12. **PO12:** Motivate for ethical skills, team work and social responsibilities.
