DEPARTMENT OF MATHEMATICS

Maharaja Ranjit Singh Punjab Technical University, Bathinda

PROGRAMME OUTCOMES

(B. Sc. (Hons.) MATHEMATICS)

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda-151001 (Punjab), India

PROGRAMME OUTCOMES (POs)

1. **PO1:** Develop mathematical ideas from basic axioms.
2. **PO2:** Inculcate effectively written, computational and graphical mathematical skills.
3. **PO3:** Analyse the hypothesis, theories, techniques and proofs provisionally.
4. **PO4:** Understand the fundamental concepts of pure and applied mathematics.
5. **PO5:** Utilize mathematical techniques to solve daily life problems by critical understanding and analysis.
6. **PO6:** Identify applications of mathematics in other disciplines.
7. **PO7:** Identify and solve complex scientific problems using scientific acumen.
8. **PO8:** Apply various techniques to develop, solve and analyse mathematical models.
9. **PO9:** Carry out the hand on sessions in computer programming in different areas.
10. **PO10:** Leading to enhancement of career opportunities for higher education.
11. **PO11:** Enhancement of various skills required for employment or jobs.
12. **PO12:** Motivate for ethical skills, team work and social responsibilities.

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