

**DEPARTMENT OF COMPUTATIONAL SCIENCES**

**Maharaja Ranjit Singh Punjab Technical University, Bathinda**

**PROGRAMME OUTCOMES**

**(BCA-MCA Dual Degree)**



**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. Communication Efficacy:** Communicate effectively with the computing community as well as society by being able to comprehend effective documentations and presentations.
- 2. Modern Tool Usage:** Design, analyse and develop the computing systems using modern tools by considering the limitations.
- 3. Solutions to Complex Problems:** Explore and design solutions for complex computing problems and design system components or processes using computing algorithms.
- 4. Computational Knowledge:** Apply mathematics, sciences and computing fundamental and domain concepts to find out the solution of defined problems and requirements.
- 5. Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams.
- 6. Project Management:** Establishing strategies in developing and implementing ideas in multidisciplinary environments using computing and management skills.
- 7. Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
- 8. Ethics:** Recognize the different value systems including own, understand the moral dimensions of own decisions.

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