

DEPARTMENT OF MECHANICAL ENGINEERING

**Giani Zail Singh Campus College of Engineering & Technology,
Maharaja Ranjit Singh Punjab Technical University, Bathinda**

PROGRAMME OUTCOMES

(M. Tech. MECHANICAL ENGINEERING)



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. Critical Thinking:** Ability to analyse complex engineering problems and apply acquired knowledge in an innovative manner to provide societal acceptable solutions.
- 2. Research Skills:** Creating a research temperament for achieving meaningful and long-lasting solutions in-line with the changing needs of the society.
- 3. Use of Modern Tools:** Ability to develop appropriate models/simulated solutions by using available state-of-the-art tools and techniques.
- 4. Collaborate Multidisciplinary Work:** Ability to achieve the laid objectives by maximizing the potential of co-team members and collaborating with other stakeholders.
- 5. Project Management and Finance:** Ability to formulate economically viable solutions using acquired technical and allied knowledge base.
- 6. Research Ethics and Life Long Learning:** Ability to exercise research ethics and enforce professional conduct in research, publications and life-long learning.
- 7. Effective Communication:** Ability to acquire effective listening, oral and writing skills for executive presentations making complete use of available ICT platforms.
- 8. Environment and Sustainability:** Analyse the impact of engineering solutions in societal and environmental contexts to address the needs for sustainable development.
