

PhD. Entrance Exam Jan 2018

Subject: Mechanical Engineering

Syllabus for Paper II

Basic Mechanical Engineering

1. Engineering Mathematics
2. Statistics and Probability
3. Mechanics of Materials
4. Theory of Machines
5. Vibrations
6. Machine Design
7. Thermodynamics and Applications
8. Heat Transfer
9. Fluid Mechanics and Applications
10. Material Science
11. Manufacturing Processes
12. Metrology and Quality Control

Other Domain Areas

13. Research Methodology