

Tier II SYLLABUS: Junior Engineer (Mechanical) in Irrigation & Flood Control Department

1. Theory of Machines and Machine Design and Electrical Machines
2. Engineering Mechanics and Strength of Materials
3. Thermal Engineering
4. Fluid Mechanics & Machinery
5. Production Engineering.
6. Basic Concepts of Electrical Engineering
7. Circuit Law
8. Magnetic Circuit
9. AC Fundamentals
10. Measurement and measuring instruments
11. Synchronous Machines
12. Generation, Transmission and Distribution
13. Utilization of Electrical Energy
14. Basic Electronics