



HINDUSTAN PETROLEUM CORPORATION LIMITED

Regd. Office: 17, Jamshedji Tata Road, Mumbai - 400020.

CIN NO: L23201MH1952GOI008858

SYLLABUS FOR JUNIOR EXECUTIVE MECHANICAL

1. Basic Mechanical Engineering
2. Mechanical Drawing & P&ID Reading
3. Material Science & Engineering
4. Fluid Mechanics & Hydraulic Machinery
5. Thermal Engineering
6. Strength of Materials
7. Manufacturing Engineering
8. Theory of Machines & Mechanisms and Design of Machine Elements
9. Measurements & Metrology
10. Industrial Engineering & Management
11. Production & Operations Management
12. Maintenance Engineering
13. Piping, Valves & Fittings
14. Mechanical Safety & Statutory Awareness
15. Tankage & Loading/ Unloading Systems
16. Pumps & Compressors