## Contents:

- 1.Introduction
- 2.Power Plant Cycles
- 3.Steam Power Plant
- 4. Diesel Engine Power Plants
- 5.Gas Turbine Power Plants
- 6.Hydro-Electric Power Plant
- 7. Nuclear Power Plant
- 8. Combined Operation of Different Power Plants
- 9. Economics of Power Generation
- 10. Non-Conventional Power Generation and Direct Energy Conversion
- 11.Plant Instrumentation
- 12.Major Electrical Equipment in Power Plants
- 13. Pollution and Its Control.