

## UPSC Electrical Engineering Optional

### Electrical Engineering Books for IAS

#### Books for Electrical Engineering Optional for UPSC IAS Mains Exam

Electromagnetic Fields & Waves- Kd Prasad
Energy Conversion: Ashfaq Hussain
Circuit Theory: Analysis and Synthesis- A. Chakrabarti
Signals and Systems-Alan V. Oppenheim, Alan V. Willsky, S. Hamid Nawab
Physics of Semiconductor Devices – Simon Sze
Analog Electronics: J.B. Gupta
Digital Logic and Computer Design-M. Morris Mano
Principles of Electronics – V .K. Mehta
Radio Engineering – G.K. Mithal
Circuit Analysis – Gupta Electrical Technology – Thareja
Automatic Control System – Benjamin C. Kuo
Elements of Engineering Electromagnetics – Nannapaneni Rao
Electromagnetic Waves and Field – R.N. Singh
Control Systems Engineering – Nagrath Gopal
Semiconductor – Nag Choudhary
Integrated Circuits – D. Roy Choudhary
Network Analysis – Valkenburg
Basic Current Analysis – Murthy
Electromagnetic Waves and Radiating System – Jordan & Balmain
Modern Central Engineering – Katsuhiko Ogata
Microprocessors and Microcomputers- R. S Gaonkar
Topics in Communication Theory – David Middleton