

Syllabous for (FYJC sci)

Electrical Maintenance P-I & P-II

Paper-I

- 1) ISI Symbols & General Electrical Symbols**
- 2) Engineering Drawing.**
- 3) Conducting and Insulating Materials.**
- 4) Types of wires and wiring accessories**
- 5) Nature of electricity and its fundamental laws**
- 6) Effects of electric Current**
- 7) Work – Power – Energy**
- 8) Electrical measuring Instruments. (Introduction)**
- 9) Illumination (Introduction)**
- 10) Earthings**
- 11) Wiring Systems (Introduction)**
- 12) Fuses (Introduction)**

Paper -II

- 1) Magnetism & Electromagnetism**
- 2) Electromagnetic Induction**
- 3) D C Generator**
- 4) D C Motor**
- 5) Single Phase AC Circuits**
- 6) Polyphase System**
- 7) Transformer (Introduction)**
- 8) Alternator(Introduction)**