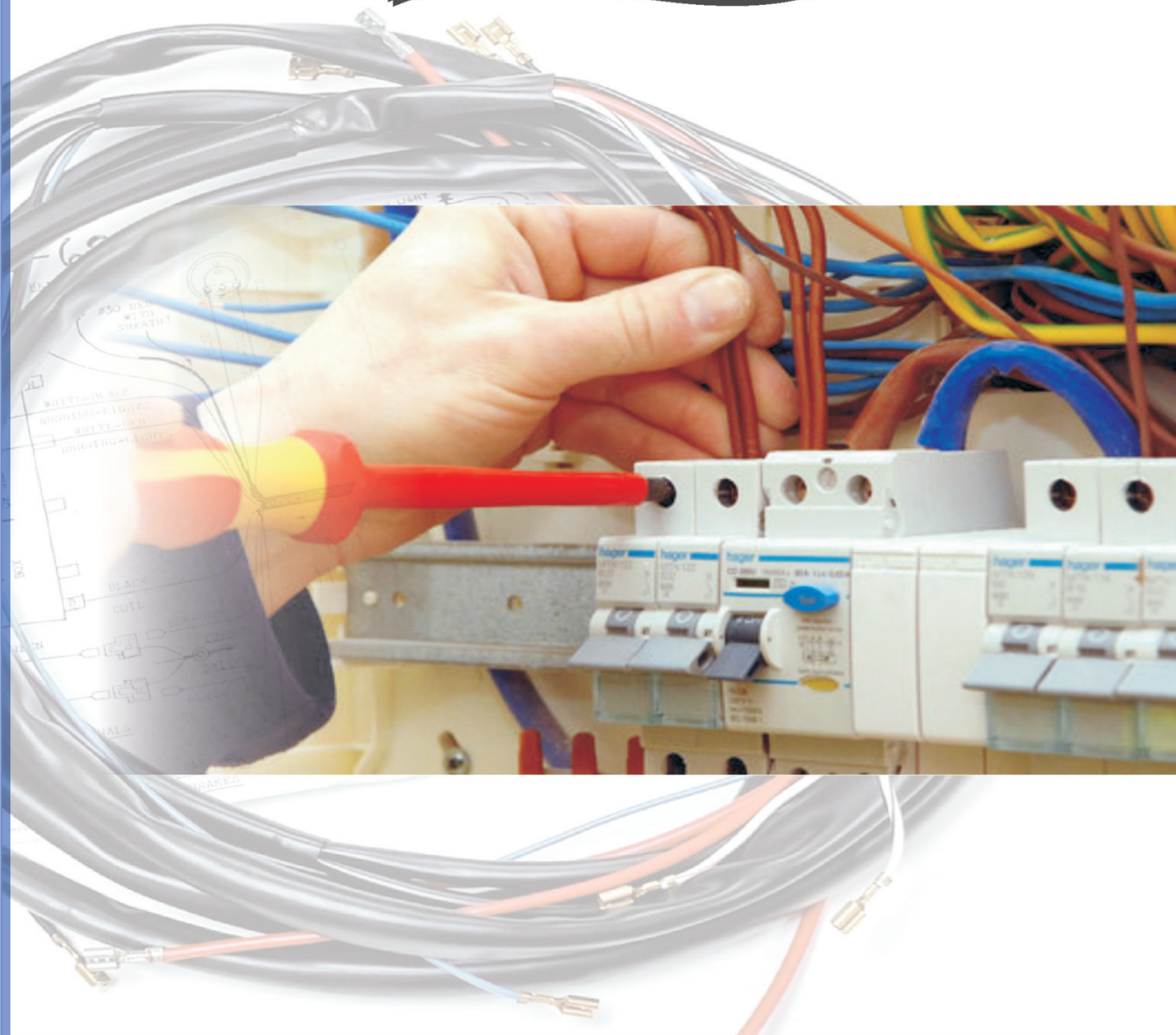


Add on Programme
on
ELECTRICAL WIRING

2019-20

Duration 30 Hours



DEPARTMENT OF PHYSICS
JAYSINGPUR COLLEGE, JAYSINGPUR



- Affiliated to Shivaji University, Kolhapur
- Reaccredited at 'A' Grade (NAAC)
- Jain Minority College
- DST - FIST [Level - I] Sponsored

Electrical Wiring

1. Objectives:

1. To inculcate the dignity of labour and philosophy of work culture.
2. To impart knowledge of electrification
3. To expertise in electrical wiring
4. To expertise the students to deal with problems in electrical connections and wiring and to solve them
5. To improve electrical wiring skill in day today and professional life

2. Opportunities:

1. Self employment

1. Can set up own business of electrical wiring
2. Can give the service for society

2. Job

1. Can work in private industries
2. Can consult the industrial and home electrical wiring problems

3. Course duration	40 Hours
4. Intake capacity	25 students
5. Course fee	500 rupees
6. Medium	English/Marathi

BOS Members:

1. Dr. R. D. Mane
2. Dr. P. P. Chikode
3. Mr. Sanjay Chaware

**Syllabus of
Syllabus for the Certificate Course in Electrical Wiring**

Total Hours: 40 hrs (7 Weeks)

Theory – 10

Practical - 30

Theory (Period : 10)

- General idea about electricity and fitting (2)
- Electric security and precautions (1)
- Introduction about wires (2)
- General idea about various types of joints (2)
- Electric fitting information (2)
- Earthing and its importance (1)

Practicals (Period : 30)

- Tools required for electrician: Introduction & Information (2)
- Use of helmet, gloves, shoes and tester (2)
- Procedure to use electrical instruments (4)
- Simple house fitting (Open wiring & Fitting) (4)
- Introduction to electrical tools, methods and repairing (4)
- To find minor faults in electrical fitting and to repair them (2)
- Practical's for electrical safety (2)
- In house wiring, Staircase wiring, power plug and motor fitting (4)
- Conversion of 3 phase into single phase (2)
- Connections of UPS and Inverters (2)
- Introduction to concealed wiring (2)