

# ELECTRICIAN INDUSTRIAL

Duration – 01 Year ( Part Time )



## COURSE OBJECTIVES & CONTENT

After completion of training the trainee will be able to Perform Industrial wiring and panel wiring and its maintenance. Maintenance and operation of the single and 3 phase motor with different types of starter and its maintenance. To connect step down and step up transformer and its testing. Identify the cable sizes and perform cable jointing. Check the condition and maintenance of lead acid battery. Operation and day to day routine maintenance of DG Sets. Earth resistance testing and maintenance.

### The course curriculum covers the following topics:

- Safety Practice
- Introduction to Electricity
- Electrician Basic tools & accessories
- Symbols, Diagrams & Rule
- Electrical House wiring and Its concept
- Earthing and their types
- Industrial wiring & Its concept
- Control Panel wiring concept
- Industrial AC & DC Motors & Starters
- Single & Three Phase System
- Transformer connection and its concept
- DG Set and Accessories
- Repair of Home Appliances
- Knowledge of Function of DG sets different parts.
- Knowledge of maintenance of lead acid battery

## ELIGIBILITY

- Education - Class 10th
- Minimum age - 18 years

## CERTIFICATION

- Certificate issued by Agnel Technical Collage ( Polytechnic ) & Supporting /Funding Partners
- Certificate issued by the on-job Training Partner
- Certificate issues by Govt. if batch is under MSSDS.

## FACILITIES

- Basic skills lab with PPE, Electrician Basic Tools & Accessories, AC & DC Motor with Starters, Transformer, DG set & accessories, control Panel, Electrician Wiring Material, Single Phase & Three Phase System.
- Electrical lab, IT lab, English Training and Soft Skills Training, Allied Trade Training,

## ON JOB TRAINING / INTERNSHIP

- Mandatory minimum 2 month long supervised on-job training / internship at a Industry and Electrical Contractors.

## OTHERS

- Soft Skill Lectures
- Conduct Unit test Exam & Practical Exam
- Student Centered Activities
- Workshops (First Aid Training, Fire and Safety, 5S- Kaizen, Entrepreneurship Development, Resume Writing Interview Technique etc.)
- Quarterly Innovative Projects

- Monthly Guest Lectures (Industry Persons, Bank Persons, Ex – Students, Motivational lectures etc.)
- Industry Visit & Market Visit
- Computer Training
- English Speaking Training
- 

## PLACEMENT SUPPORT

- Campus Interview, Job Fair, Placement Assistant, etc.

## Course Available At

Ambernath

9284963237

Vavoshi

8830942369

Khandala

7448058145

## Training Related Photos :-



Market Visit



Industry Visit



Soft Skill Session



Guest Lecture : Ex Student Mr. Durgesh Warghade

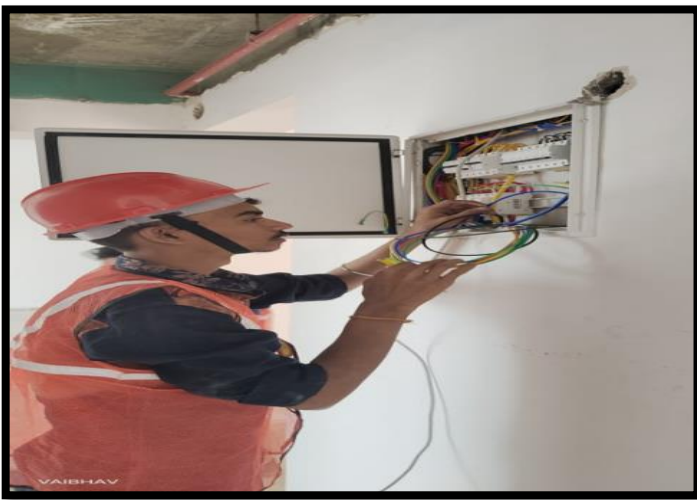




Workshop : Fire and Safety



Computer Training



Student On job training: Connection of Electric board



Student Centered Activity: PPT Presentation



English Speaking Lecture



Certificate Distribution Program

