



**SANDIP FUNDATION'S**  
**SANDIP POLYTECHNIC, NASHIK**

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
**Academic year- 2024-25 (Odd Sem.)**

Date: 01/08/2024

**Name of Event: - 3 day's Skill Development Program on "Electrical Sub-Board Wiring Installation"**

**Date of Event: - 29<sup>th</sup> July, 2024 to 31<sup>st</sup> July. 2024.**

**Name of Staff Trainer: - Mr. Y. D. Mahajan, Mr. P. G. Mahajan, Mr. N.B. Ranotkar**

**Venue: - SYEE Class and Machine lab, IFB Center of Excellence**

**Objectives:-**

1. Students should aware about various safety equipments like safety hand gloves, helmet. Safety goggles and rubber mat while working on sub-board wiring installation.
2. Students will be provide hands on use of various electrical safety tools like Plier, Long nose pliers, Tester, Screw Driver, Test Lamp, Cutter cum insulation remover, Crimping Tools, Continuity Tester, Wire gauge and Knife.
3. Students should know about what equipments should be used and specification of equipment's used in wiring installation of building.
4. Students should know about the types of insulation their ratings and which type of insulation should use while wiring installation.
5. Students should know the types of earthing, methods and material used in earthing.
6. Student should know about Distribution Board and Sub Board.

**Outcomes:-**

1. Students gain a comprehensive understanding of electrical sub-board wiring installation, including safety protocols, materials, and tools.
2. Hands on training enables participants to develop essential skills in wiring, circuit design, troubleshooting.
3. Participants learn about types of earthing, its material and methods.
4. Students learn to troubleshoot and resolve common electrical wiring issues.
5. Students learn the basic of Distribution Board and Sub Board and how to install it.

**Class: - SYEE**

## Photos:-



## Vision and Mission of Electrical Engineering Department

### Vision

To develop professionally skilled electrical engineers to fulfill the needs of industry and society at large.

### Mission

**M1:** To offer quality technical education through student's centric teaching learning methods to enhance technical knowledge, skills and positive attitude.

**M2:** To provide a learning center for entrepreneurship, employability and higher education.

**M3:** To develop interpersonal skills for professional growth.