



Finolex Academy of Management and Technology, Ratnagiri

Department of Electrical Engineering

Two days Workshop on Project Design using PROTEUS

A Two-day workshop on “Project Design using PROTEUS” was organized by the Electrical Engineering Department on the 10th and 11th April 2023. It was inaugurated by **the Head** of Electrical Engineering Department, **Dr Jayant J. Mane** by briefing the objectives of the workshop.

Mr Sudhir S Wamane and **Mr Suhas H. Mhabadi**, Assistant Professors, were the resource persons for the said workshop. It was organized for the students of Second Year Electrical Engineering. They learnt hardware simulation software Proteus and programming software MP-Lab, which are widely used for industrial applications.

The workshop was started by Mr Sudhir S. Wamane by providing an introduction to Proteus and MP-Lab. Thereafter, Mr Suhas H. Mhabadi emphasized the Project design by interfacing different IO devices with the microcontroller. Furthermore, the hands-on practice was given to the participants to interface the 7-Segment display, Liquid Crystal Display (LCD), Analog to Digital Converter (ADC) and Timer. In the later session of the workshop, the complete projects of Traffic Signal controller and Voltage, Current & Phase angle measurement and PWM gate pulse generation were demonstrated to the students. The software support for the Peripheral interfacing with the microcontroller was provided using Mp-Lab software. A total of **17** students actively participated and shared positive Feedback. Assistant Professor **Mr Vaibhav A. Sansare** coordinated this workshop successfully.

Photos of Event



Dr Jayant J. Mane (HoD, Electrical) addressed the participants.



Prof. Sudhir S. Wamane interacting with the participants.



Prof. Suhas H. Mhabadi interacted with the participants.