



HOPE Foundation's
**Finolex Academy of Management and Technology,
Ratnagiri**

Department of Electrical Engineering

**Two Days Workshop on Microcontroller Based Project Design using
Proteus**

A Two-day workshop on Microcontroller based Project Design using Proteus was organized by Electrical Engineering Department from 11th to 12th March 2022.

Dr Sandeep Chawda, the Head of Electrical Engineering Department, inaugurated the workshop with a briefing about the objectives of the workshop i.e., to create awareness about hardware simulation software Proteus and programming software MP-Lab, which have wide industrial applications. Prof. Suhas H. Mhabadi and Prof. Sudhir S Wamane, Assistant Professors conducted the workshop for the students of second-year Electrical Engineering.

Prof. Sudhir S. Wamane shared information on Proteus and MP-Lab. Thereafter, Prof. Suhas H. Mhabadi emphasized the Project design by the interfacing of different IO devices with the microcontroller. Furthermore, hands-on practice was given to the participants to interface the keyboard, 7-Segment Display, Liquid Crystal Display (LCD), Analog to Digital Converter (ADC) and Timer. In the later session, the complete projects of Traffic Signal controller and Voltage, Current and Phase angle measurement were demonstrated to the students. The software support for the Peripheral interfacing with the microcontroller was provided using Mp-Lab software.

A total of 18 students actively participated and shared Feedback regarding the workshop. They enjoyed learning peripheral interfacing for project design. Prof. Vaibhav A. Sansare, Assistant Professor, coordinated the workshop successfully.

Photos of Event



Dr. Sandeep Chawda (HoD, Electrical) addressing to the participants



Mr. Suhas H Mhabadi Interacting with the Participants



Mr. Sudhir S. Wamane Interacting with The Participants



Participants From Second Year Electrical Engineering