



HOPE Foundation's
Finolex Academy of Management & Technology,
Ratnagiri
Department of Electronics Engineering

**A Two Days Workshop on
Embedded C Programming and Applications Development using 8051 μ C**

A Two days workshop *Embedded C Programming and Applications Development using 8051 μ C* was organized by the Department of Electronics Engineering from 14th to 15th September 2019 in VLSI Lab.

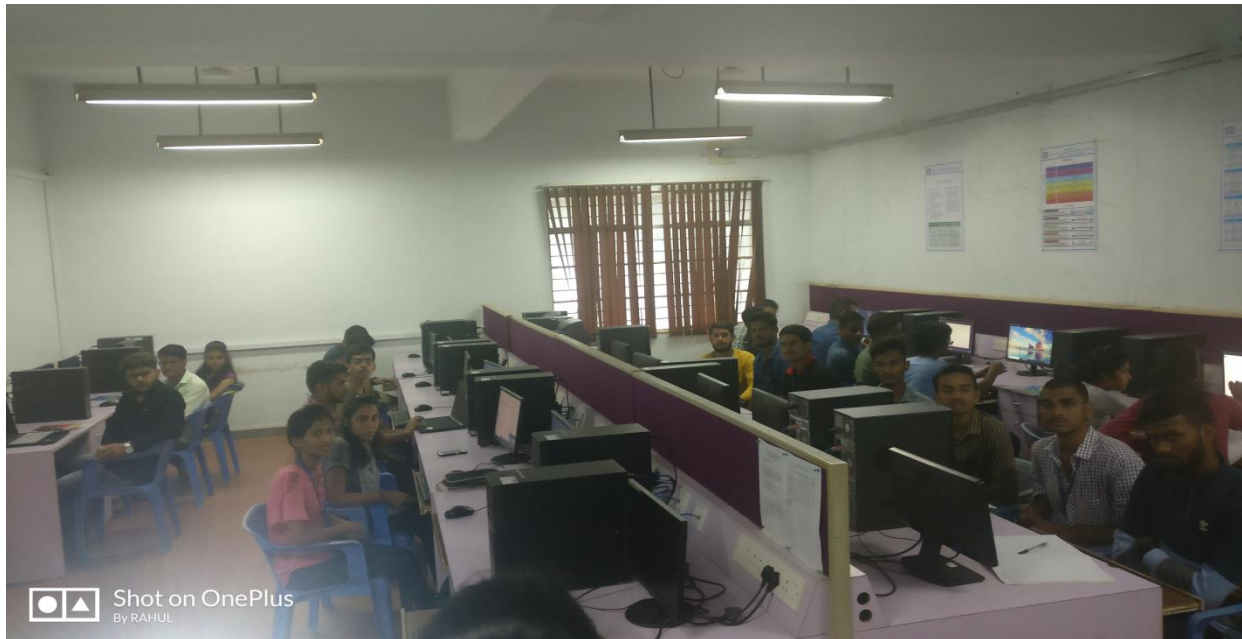
The workshop was organized for students of TE Electronics and conducted by Prof. Vrishali. V. Nimbalkar and Prof. Amol. R. Sutar Assistant Professors, Department of Electronics Engineering. The workshop aimed to acquaint the students with Embedded C Programming for 8051 platform, interfacing, and programming I/O modules by providing hands-on sessions on Microcontroller based hardware system. During these two days, the hands-on sessions were carried on interfacing and programming I/O devices such as LED's, switches, switch-led, Buzzer, 16x2 character LCD, intensity control of LEDs using PWM, GPS and GSM modules. Accurate delay generation using Timers of 8051, serial communication and interrupts of 8051 were also explained and implemented.

Prof. Mahesh. A. Jadhav coordinated the workshop systematically under the guidance and suggestions of Prof. Girish. G. Bhide, HoD. It would help the students to develop their own Microcontroller Based System and write Embedded C program for the desired applications. The students will be able to design and develop their mini-projects and B.E. projects. Simultaneously, they acquired a skill set much required in industry and designing products on their own. The workshop was very interactive and all students actively participated in the hands-on sessions of the workshop. A total of 27 student participants were certified at the end of the workshop.

**Photographs of workshop Embedded C Programming and Applications Development using
8051 μ C**



HOD, Prof. G. G. Bhide addressing the participants at the beginning session of workshop along with Prof A. R. Sutar, Prof V. V. Nimbalkar , Prof. M. A. Jadhav



Workshop Participants



Prof. V. V. Nimbalkar Prof. A. R. Sutar and Prof. M. A. Jadhav interacting with students

