

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Two Week Online Faculty Development Programme

on

“Embedded Systems”

**By Mr. T.Venkata Siva Reddy, Mr. B.Mahidhar, G.N.R.V.V. Jagadeesh,
Mentors, APSSDC, Govt. of Andhra Pradesh**

15-27 February 2021

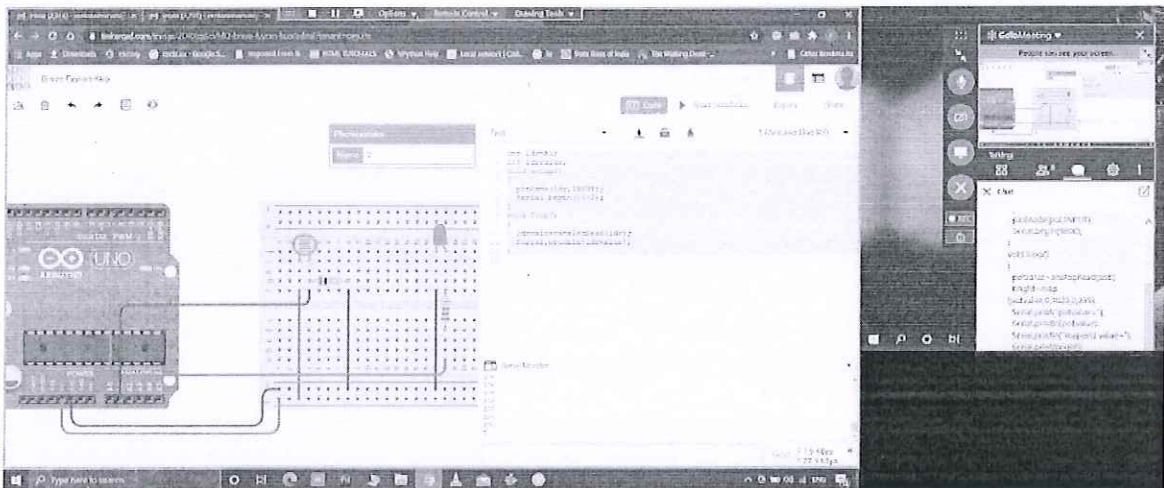
The Department of Electronics and Communication Engineering of Sree Vidyanikethan Engineering College has conducted a Two-week Online Faculty Development Programme (FDP) on Embedded Systems for faculty of SVEC during 15-27 February 2021.

The objective of this workshop is to impart hands-on training for the faculty on Embedded Systems. Further, concepts related to latest microcontrollers and their architectures are discussed, different softwares for embedded microcontroller programming. Hands-on sessions are being dealt to design and develop various applications by interfacing different sensors and devices to the microcontrollers. More emphasis was given to hands-on (using Software) sessions for better understanding and also on discussion of projects related to embedded systems.

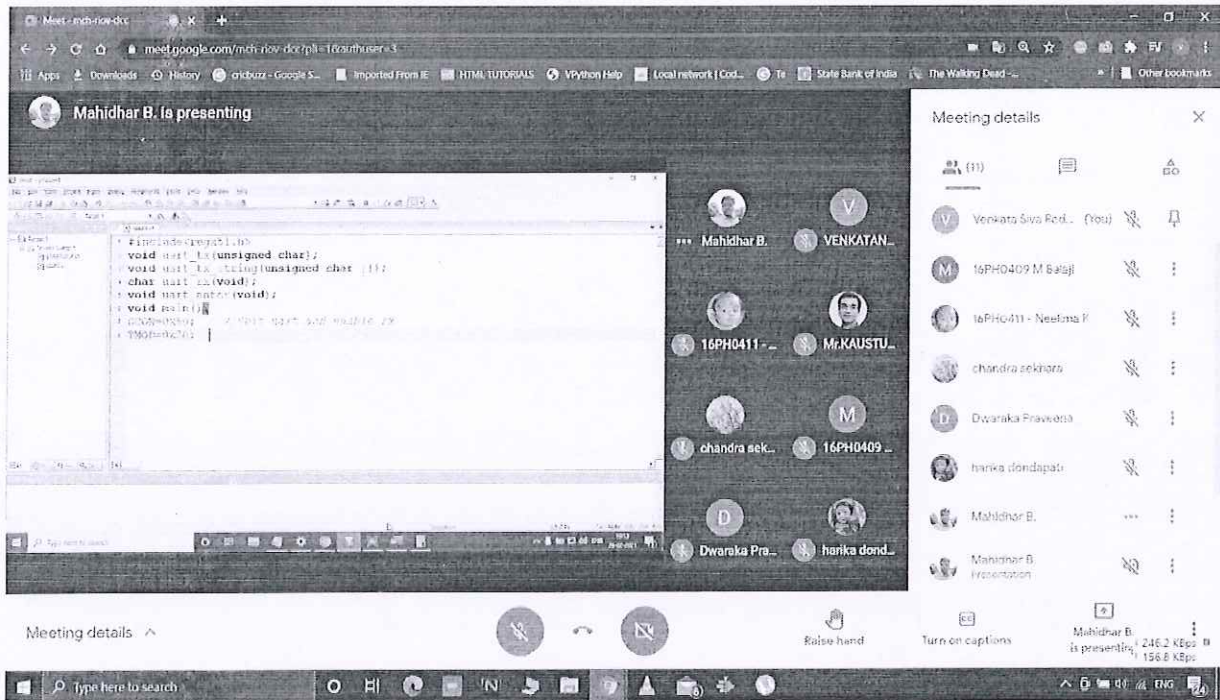
A total of 41 faculty from various institutions across the state have registered for this programme. Dr. V. V. Satyanarayana Tallapragada, Associate Professor coordinated the FDP under the guidance of Dr. N. Gireesh, Professor and Head, Department of Electronics and Communication Engineering.

The resource persons are experienced trainers from APSSDC, Govt. of Andhra Pradesh. The feedback on participants understanding and learning, resource person's knowledge, teaching and organization of the workshop is extraordinary and encouraging to organize many workshops of this kind.

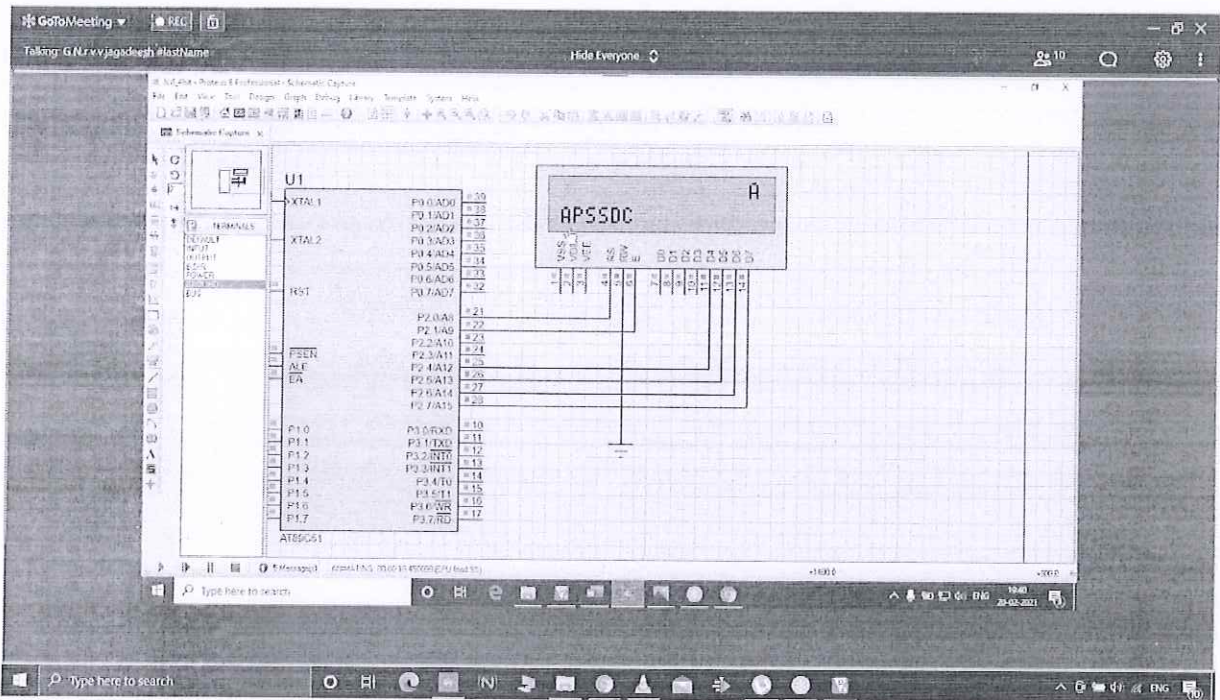
Overall, the event has proved successful. The programme is conducted online by the mentors from APSSDC and the photographs are as follows.



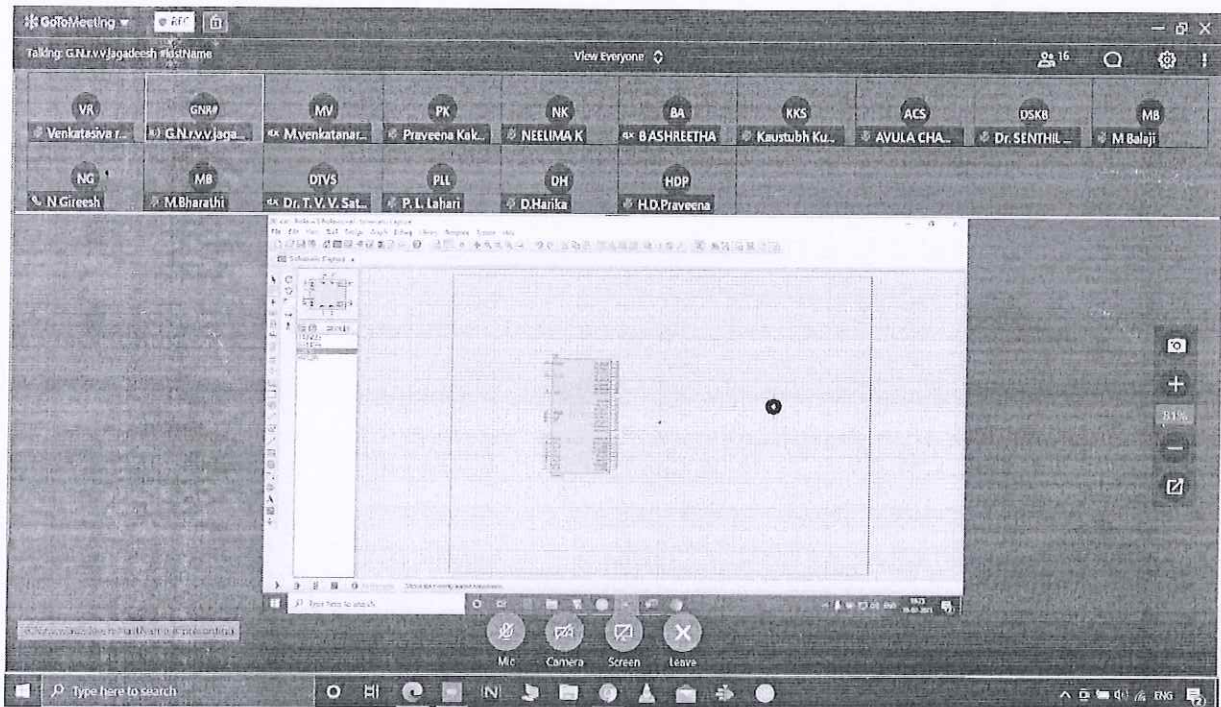
Connecting Arduino and other components using TINKERCAD.



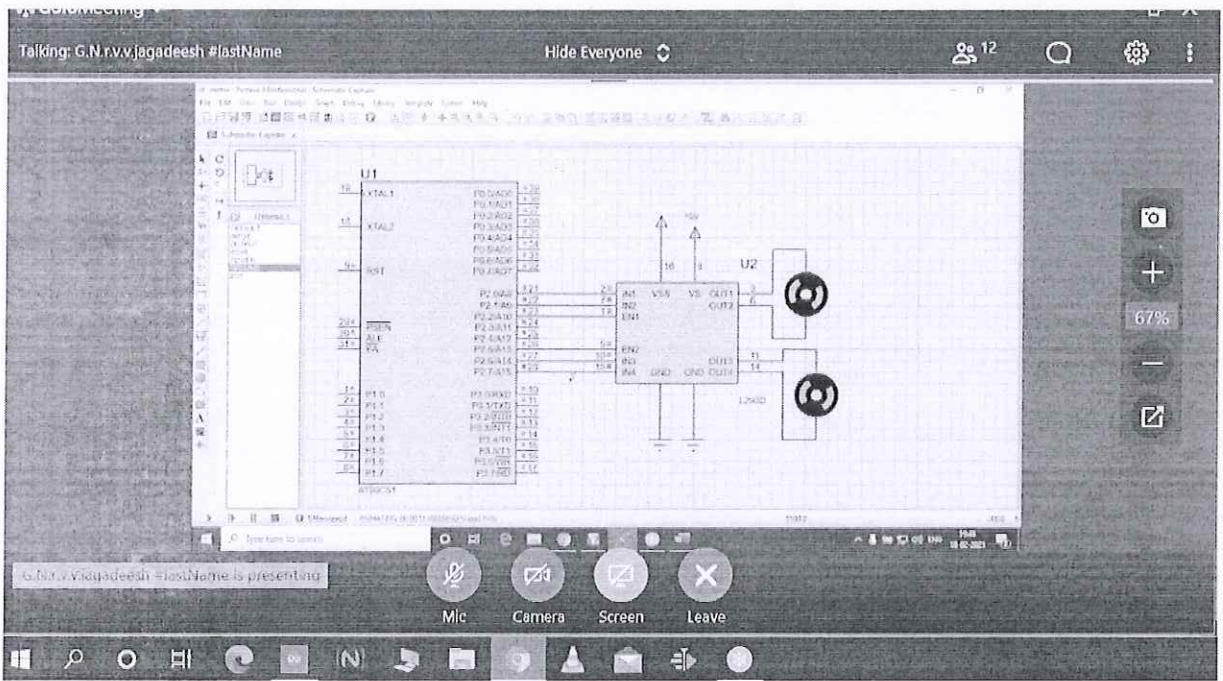
Programming in proteus



Interfacing proteus



Interfacing a motor in Proteus



Screenshot of the faculty interacting with the mentors.

G.N.
Convener



SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar ARangampet-517 102.

Department of Electronics and Communication Engineering

Organizes

Two Week Online Faculty Development Programme On

Embedded Systems

15 – 27 February 2021

6:00 PM to 8:00 PM

Resource Persons

Co-Ordinator

Registration Link

<http://engineering.apssdc.in/FIP/>



Skill AP
A P S S D C

Dr. V. V. Satyanarayana T
Associate Professor
Department of ECE



Course Outcomes:

- To get acquainted with the latest microcontrollers and their architectures.
- To learn various softwares for embedded microcontroller programming.
- To design and develop various applications by interfacing different sensors and devices to the microcontrollers.

NOTE:

- 1) No Registration Fee
- 2) Certificates will be provided only to the participants who have more than 80% attendance and whose score is more than 60% in the final examination.
- 3) Meeting invitation will be sent through whatsapp

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