

**DEPARTMENT OF MECHANICAL ENGINEERING  
RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT  
BENGALURU - 560 076**

**“SKILL ENHANCEMENT PROGRAM – MODULE - II”**

Date : 11.06.2022 (Saturday)  
Time : 09:30 am  
Venue : Electronics and Instrumentation LAB (L-403)

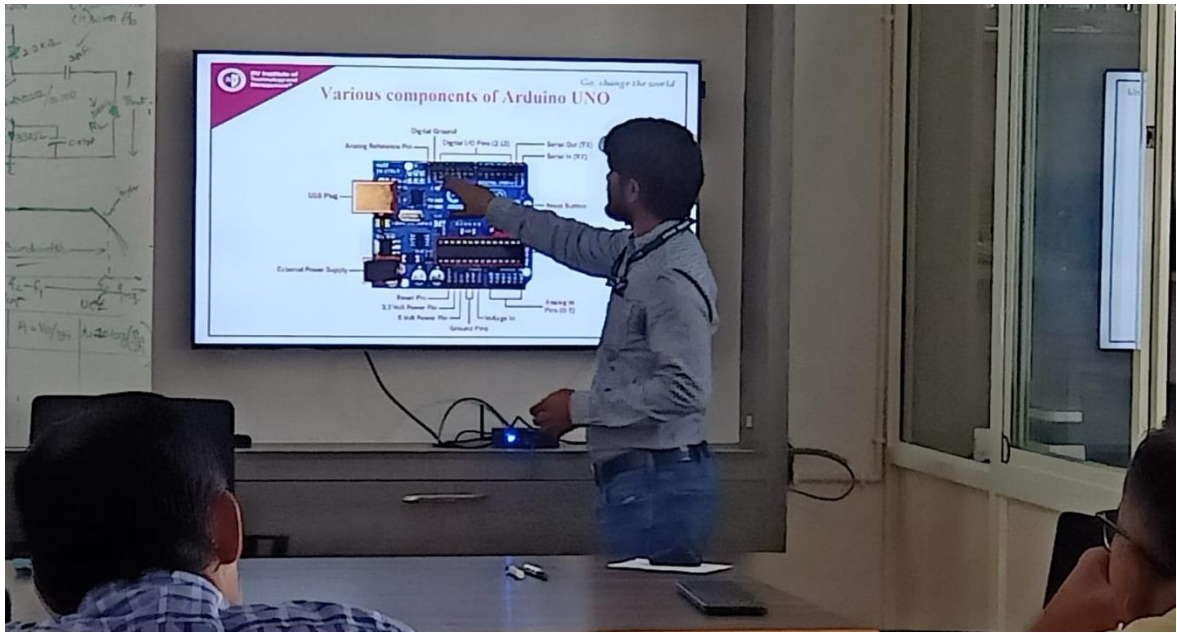
The department of Mechanical Engineering has organized One-Day Hands-on-session on Skill Enhancement Program (Module - II) for teaching and non-teaching staff members. Dr. Priyaranjan Sharma and Dr. Renukananda K H have presented and shown the demo on “Skill Enhancement Program Module - II” on 11.06.2022 (Saturday) at 09.30 am in L-403.

Dr. Solaimuthu C, Head, Department of Mechanical Engineering, welcomed the participants. Total 12 staff members including teaching/non-teaching of Mechanical Engineering Department participated in this workshop. The workshop started with the introductory session about importance of single-board of microcontroller (Arduino Board) including revision of Module 1 and the interfacing of various new sensors with actuators us which was delivered by Dr. Priyaranjan Sharma, Assistant Professor, Department of Mechanical Engineering.

All teaching/non-teaching staff members has practically done hands on experience on “Interfacing of IR, LDR, Smoke sensor with Buzzers, LED, Servo Motor using Arduino” over two hours sessions under the leadership of Dr. Priyaranjan Sharma and Dr. Renukananda K.H. Some of the important sensors and actuators on which hands on training was conducted are as follows:

<b>S. No</b>	<b>Name of the Sensors</b>	<b>Name of the Actuators</b>
1	IR Sensor	Buzzers
2	LDR Sensor	LED Light
3	Smoke Sensor	DC/ Servo Motor

All the participants shown their keen interest in the skill enhancement program. In upcoming week, Module 3 and Module 4 will conducted simultaneously towards the completion of skill enhancement program. Finally, the session was concluded by HOD/ME.



**Skill Enhancement Program Module – II Presented by Dr. Priyaranjan Sharma**



**Photographic View of participants during the program**



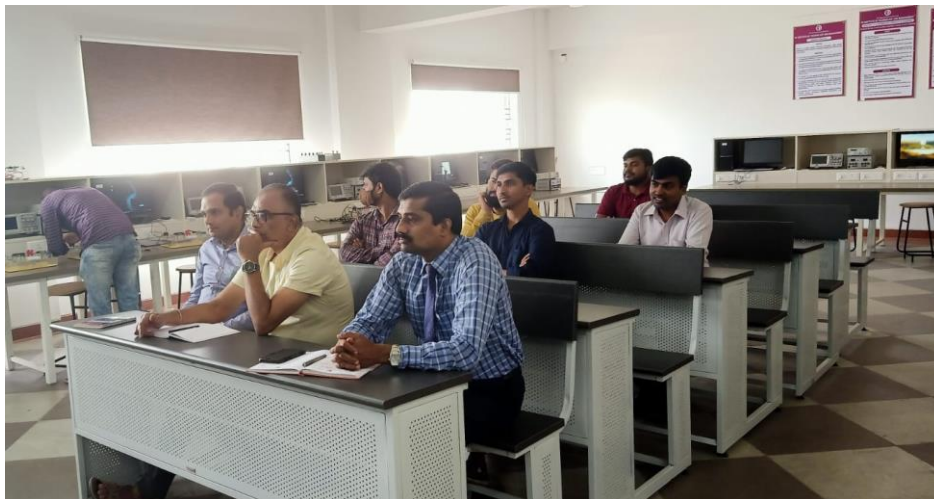
**Photographic View of participants during the program**



**Photographic View of participants during the program**



**Participants Photo of Hands-on-Workshop**



**Participants Photo**