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COLLEGE OF ENGINEERING
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Department of Electronics and Communication Engineering

& IEEE STB

Presents

Webinar on Introduction and Interfacing of Sensors with Raspberry Pi
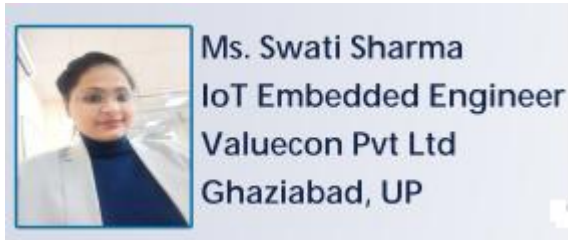
Date: 29.09.2021   **Platfrom: Googlemeet**

Registration link ::https://forms.gle/UrnhahsgGxZ5J6sWA

AGENDA

06.32 – 06.34 p.m.	Welcome Address
06.34– 06.36p.m.	Introduction to the Guest –
	Ms. Swati Sharma IoT Embedded Engineer, Valuecon Pvt Ltd
	Ghaziabad, UP
06.37 – 07.27p.m.	Session-
	"Introduction & Interfacing of sensors with Raspberry PI"
04.10 – 04.13 p.m.	Vote of Thanks – Mr. S. Ramarajan, AP/ECE, KCE

Chief guest Profile:

Ms. Swati Sharma IoT Embedded Engineer, Valuecon Pvt Ltd Ghaziabad, UP

A specialist in connected objects, an IoT engineer develops innovative services that help users to receive, control and manage information. I am also in charge of developing and managing a vast array of IoT devices, platforms, software, hardware, and systems through a combination of data, technology, and research.

I have work experience of 3+ years in the field of embedded systems and IoT. While working, I designed a good amount of Embedded projects, Worked on globally accessible home automation and A humanoid robot inaaya, and WiFi Strip. I like to create an identity of my own in the professional arena and achieving self-success with the success of the organization.

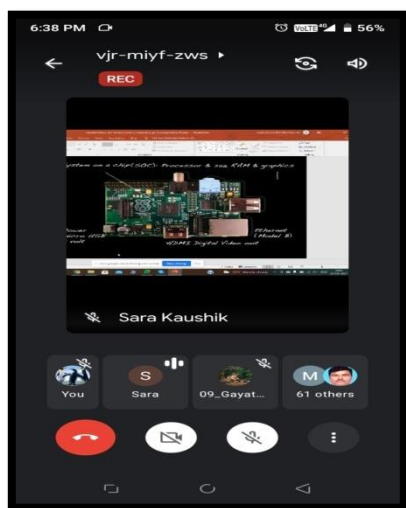## Department of Electronics and Communication Engineering

Report
Webinar on Introduction and Interfacing of Sensors with Raspberry

Department of Electronics and communication Engineering and IEEE Student branch jointly organized a webinar on Introduction and Interfacing of Sensors with Raspberry on 29-09-2021, 06-30 p.m. – 07.30 p.m. Total of 74 candidates registered and 63 participants attended the webinar through Google Platform.

Ms. Swati Sharma, IoT Embedded Engineer, Valuecon Pvt Ltd Ghaziabad, Uttar Prasad, was the resource for the webinar. **Ms.K.Gayathiri**, Third year ECE welcomed the gathering. Ms.Swati Sharma, delivered the following contents during her presentation.

- Unique features and application of raspberry Pi

- List of GPIO pins

- Description of DHT11, Ultrasonic sensor, PIR sensor, Vibration sensor.

- Interfacing of the above sensors with Raspberry Pi

- Real time Image processing using Raspberry Pi

- Image recognition application using Raspberry Pi

Also she interacted with the students and clarified their doubts regarding issues in the interfacing. Finally **Mr.S.Ramarajan**, AP/ECE thank the resource person and participants.

Ms.Swathi sharam presenting the webinar

Particiapnts attending the webinar

Staff incharge   **HOD**