ATHARVA EDUCATIONAL TRUST'S

ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra
& Affiliated to University of Mumbai - Estd. 1999 - 2000)

Department of Electronics and Telecommunication Engineering

Report For

Guest Lecture

on

"Fundamentals of Embedded system with Journey of Microcontrollers"

Dated : Tuesday, November 30th 2021. **Schedule**: 4:00 to 5:30 pm

Coordinators: Prof. Joslyn Gracias, Prof. Ruchi Chauhan
Assistant Professor, EXTC Dept, ACE

Details of the Speaker:

Sr. No.	Name of Speaker	Industry	Designation	Session	Audience	Meet link
1.	Prof Shaista Khanam ,	Academician, VCET.	Assistant Professor	4:00 to 5:30 pm	SE Students EXTC	https://meet.google.com/bde-xmpd-bhc

Objective of Webinar:
To provide an introduction to Embedded Systems to the second year students and have essential understanding of different microcontrollers. Session gave students coverage on

- What is an Embedded system?
- Importance of Embedded system and its applicability in different arenas.
- What are the components is Embedded systems
- Introduction to various microcontrollers and its basic differences.

At the end of the webinar students should know the various day to day appliances that are actually ES and develop inquisitiveness to learn the components involved.

Brief Description:
Electronics and Telecommunication Engineering Department of Atharva College of Engineering in association with IETE student forum- ACE, arranged a Webinar on "**Fundamentals of Embedded system with Journey of Microcontrollers**"" through online platform Google Meet .

The event started with a welcome greeting to all participants by the hosting student Ms. Simran Singh, SE EXTC. She invited I/c HOD-EXTC Prof. Mahalaxmi Palinje to addressed the session on the need for webinar topic. The guest speakers details were then shared with participants and the speaker was invited to take over the session.

The speaker delivered an excellent session by introducing Embedded system to the students. Interesting examples were given of embedded system. Insights on various components and Microcontrollers used for embedded system were given .Speaker also discussed Arduino Simulation using Tinker Cad.

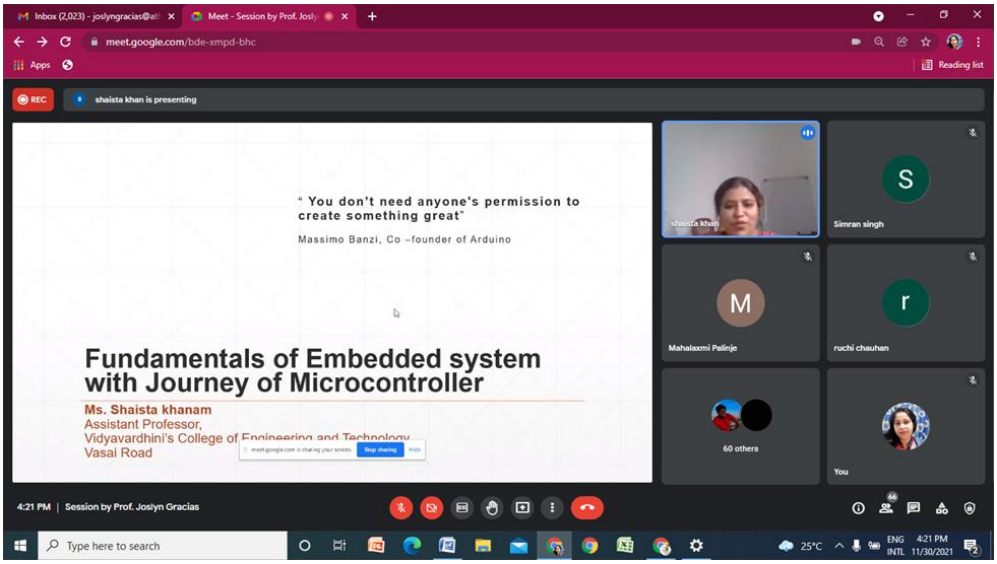
Queries of the students were resolved by speaker after the session. Vote of Thanks was given by Mr.Amitesh Sangla , SE EXTC student

Outcome:

1. Participants were pointed out to the importance of understanding Embedded systems
2. Simple day to day appliances, that comprise ES were briefly explained to demonstrate the vast applicability of ES.
3. Various components of ES were displayed and crisply described
4. Participants were introduced to IC family and made familiar with key features of MP and MC
5. Simulation tools were introduced to demonstrate the simplicity of learning and building applications with MC's using software.

No of Participants: 72

Photo Gallery:



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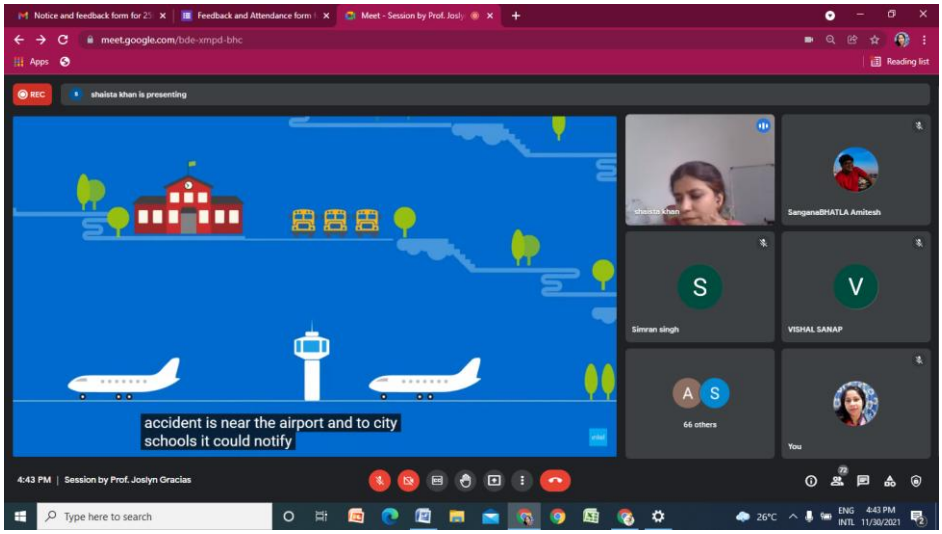

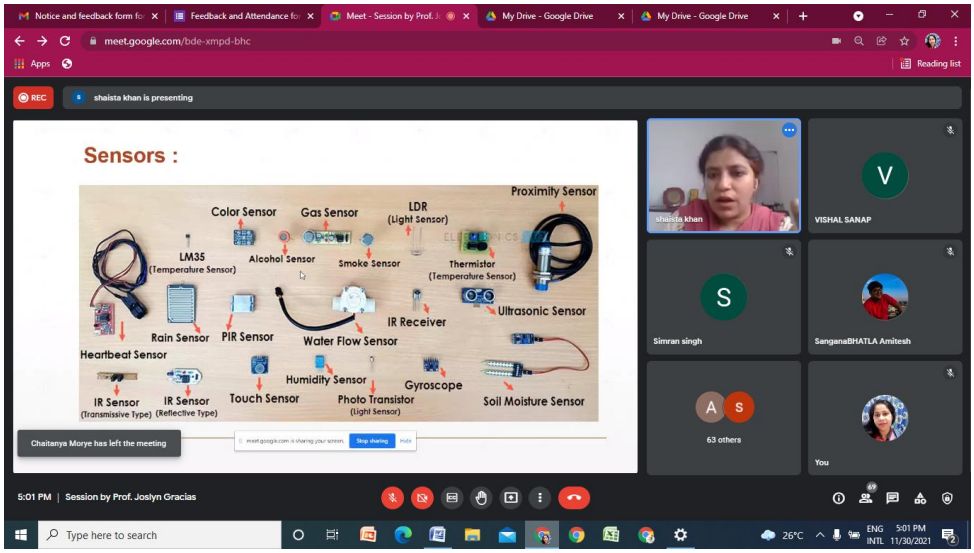

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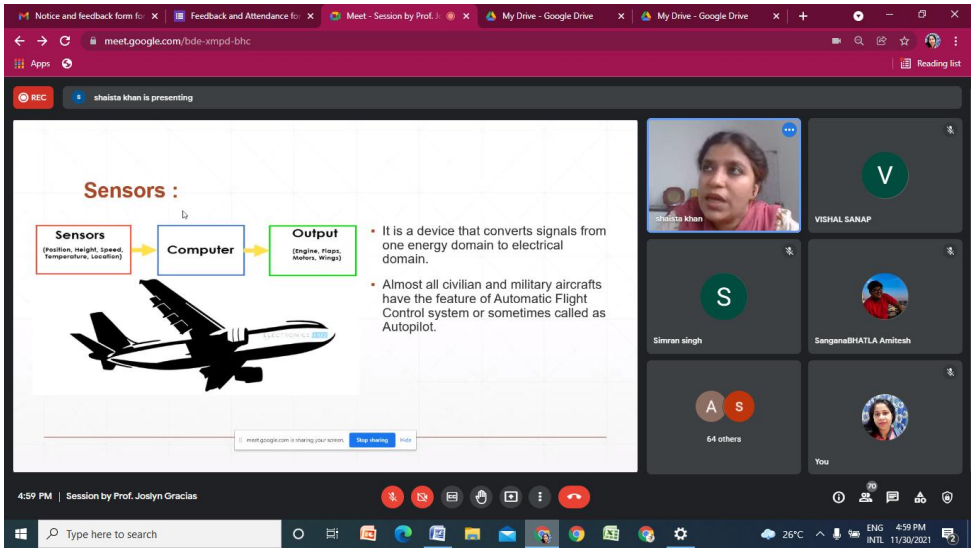

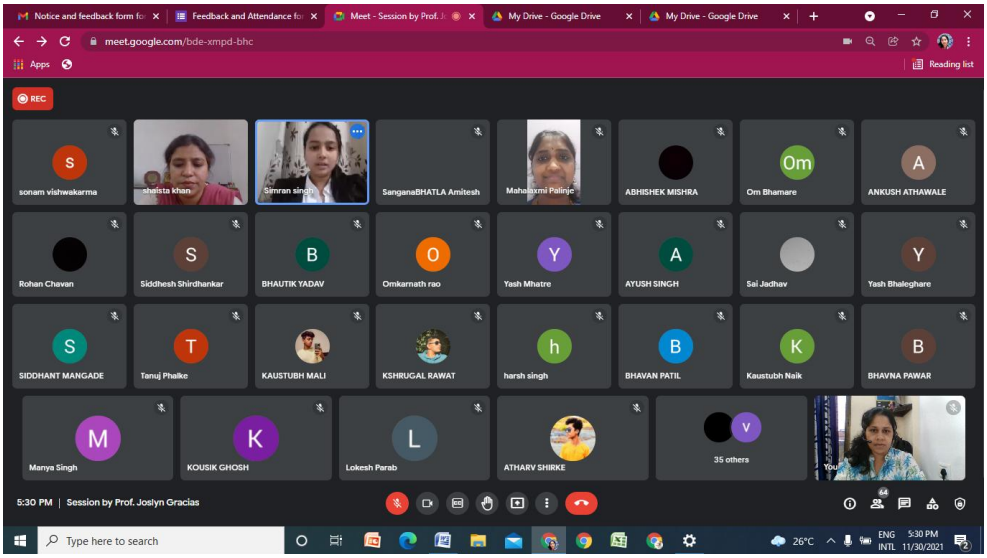

Prof. JoslynGracias
Prof. Ruchi Chauhan
(Webinar Coordinator)

Prof. Mahalaxmi Palinje
I/C HOD, EXTC
EXTC DEPT, ACE