ATHARVA EDUCATIONAL TRUST'S

ATHARVA COLLEGE OF ENGINEERING

(Approved by AICTE, Recognized by Government of Maharashtra &
Affiliated to University of Mumbai – Estd. 1999 - 2000)
ISO 2100:2018 ISO 14001: 2015 ISO 9001: 2015, NAAC Accredited
Academic Year 2023-24 (Even Semester)

Department of Electronics and Telecommunication Engineering

ACE/EXTC/FR/20/2023-24
DATE: 9/1/2024

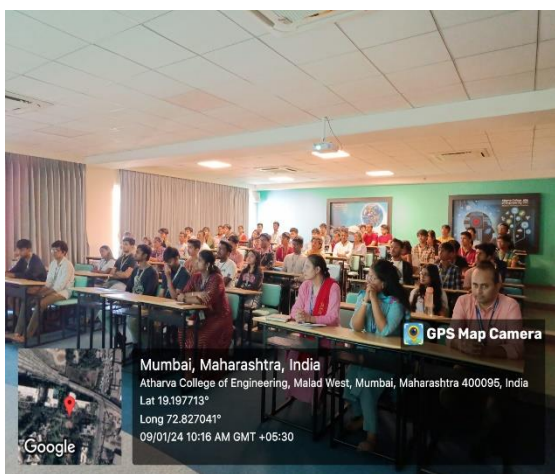## Report of Seminar 2023-24

Event Name:	Seminar **in collaboration with** IEEE Atharva Student Branch Chapter (SBC 62431), IETE Student Forum and CSI.
College/Institute Name:	Atharva College of Engineering
Date and Time:	9th Jan 2024 at 10 am onwards
Venue:	Smart Classroom 2, 5th Floor, Phase 1, ACE
Speaker Name and Designation	**Mr. Abdul Kabeer Shivani** **BE EXTC**
Topic of Event:	**"Introduction to Arduino and Raspberry Pi"**
Mode of conduction:	Offline mode
Coordinators of the Event:	Ms. Mahalaxmi Palinje, Ms. Ruchi Chauhan, Ms. Shikha Malik
Targeted Audience:	SE students of EXTC Dept.
No. of Participants:	61
Brief Description of Event:	Objective of the Event: 1. Comprehensive understanding of microcontrollers 2. Difference between microcontrollers and microprocessors 3. A brief understanding of Arduino Uno 4. A brief understanding of raspberry Pi Topics Covered in the Event: • Introduction to microcontrollers: Basic concepts, and terminology. • Arduino Uno: Overview of Arduino and its boards (e.g., UNO, mega, Nano, etc.) and their basic usages. • Raspberry Pi: overview of raspberry Pi, need for raspberry Pi, applications, set-up using different OS's. • Coding/ programming of Arduino UNO and raspberry Pi. Outcome of the Event 1. Enhanced Knowledge: Students gained a deep understanding of microcontroller fundamentals and

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	their applications, enabling them to make informed design decisions. 2. Practical programming Skills: Students acquired practical skills in programming and optimizing Arduino UNO / raspberry Pi for specific use cases. 3. Research and Innovation: The seminar inspired students to explore new possibilities and innovations in the world of IoT, embedded systems, robotics and much more.

Photographs of the Event:

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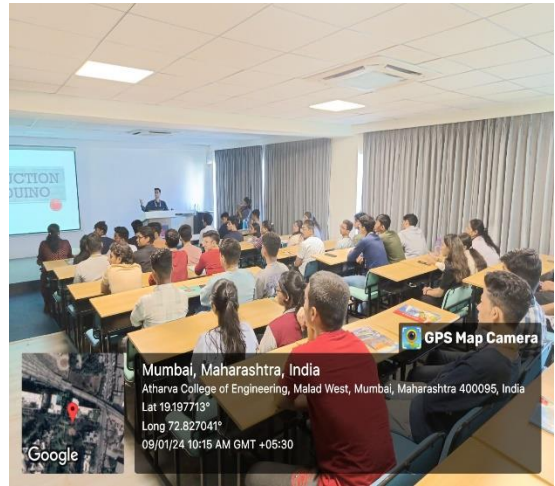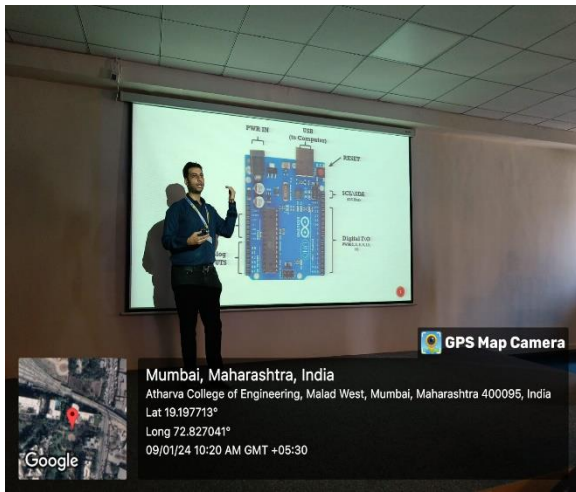
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Prof. Mahalaxmi Palinje
EXTC Dept Coordinator, ACE

Prof. Ruchi Chauhan
EXTC Dept Coordinator, ACE

Prof. Shikha Malik
EXTC Dept Coordinator, ACE

Prof. Neelima Pathak
CSI Coordinator

Dr. Bhavin Shah
HOD EXTC, ACE

Dr. Ramesh Kulkarni
Principal, ACE

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