



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 21001:2018 ISO 14001:2015 ISO 9001:2015
NAAC Accredited A+
ACADEMIC YEAR: 2024-25 (ODD SEMESTER)

Department of Electronics and Telecommunication Engineering

ACE/EXTC/FR/20/2024-25

DATE: 19/07/2024

Report of Workshop 2024-25

Event Name:	Workshop in association with IEEE and IETE-SF ,ACE
College/Institute Name:	Atharva College of Engineering
Date and Time:	18 th -19 th July 2024 at 11 am onwards
Venue:	Lab 6, 4 th Floor, EXTC, Phase 1, ACE
Speaker Name and Designation	Ms Zoya Bhaktar Associate Embedded Developer, SmowCode
Topic of Event:	Introduction to ESP32 using Smowcode
Mode of conduction:	Offline mode
Coordinators of the Event:	Ms. Mahalaxmi Palinje, Ms. Ruchi Chauhan, Ms. Shikha Malik, Ms. Charushila Pawar
Targeted Audience:	TE students of EXTC Dept.
No. of Participants:	45
Mapping	PO5,PO12
Brief Description of Event:	Objectives of the Event: • Understand ESP32 Basics • Setup and Environment • Programming Fundamentals • IoT Connectivity • Hands-On Experience Topics Covered in the Event: • Introduction to ESP32 • Setting Up Development Environment • Getting Started with ESP32 • Programming Fundamentals • Introduction to IoT Protocols

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	Outcome of the Event: Proficiency in ESP32 Development: • Participants feel confident in setting up and programming the ESP32 microcontroller using Smowcode. • They are able to navigate the IDE, write basic code, and upload it to the ESP32 board Practical Skills: • Acquire practical skills in interfacing sensors and controlling actuators with the ESP32. • Develop competence in implementing IoT protocols like MQTT or HTTP for communication. Project Implementation Capability: • Be able to apply learned concepts to create basic IoT applications and projects using ESP32 and Smowcode. • Understand the steps involved in planning, developing, and testing IoT solutions.
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Photographs of the Event:



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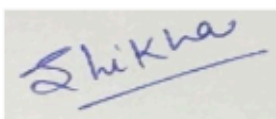
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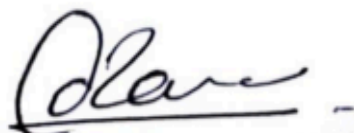

Prof. Mahalaxmi Palinje
EXTC Dept Coordinator, ACE



Prof. Ruchi Chauhan
EXTC Dept Coordinator, ACE



Prof. Shikha Malik
EXTC Dept Coordinator, ACE



Prof. Charushila Pawar
EXTC Dept Coordinator, ACE



Dr. Bhavin Shah
HOD EXTC, ACE




PRINCIPAL
ATHARVA COLLEGE OF ENGINEERING
MUMBAI

Dr. Ramesh Kulkarni
Principal