

Academic Year: 2024-25(Odd Semester)

Department of Electronics and Telecommunication Engineering

ACE/EXTC/FR/22/2024-25

DATE: 14/08/2024

Report of Guest Lecture 2024-25

Event Name:	Guest Lecture
College/Institute Name:	Atharva College of Engineering
Date and Time:	14th August 2024 at 2 pm onwards
Venue:	R9, 2nd Floor, EXTC, Phase 1, ACE
Speaker Name and Designation	Mr. Sameer Shaikh CEO- Nexgen Mr. Abdul Kabeer Shivani CTO-Co-Founder – Nexgen
Topic of Event:	“Introduction to World of STM embedded systems”
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:	32
Brief Description of Event:	Objectives of the Event: • Understanding STM Microcontrollers • Exploring Embedded Systems • Learning Development Tools • Explore real-world applications Topics Covered in the Event: • Overview of Embedded Systems: Differentiating embedded systems from general-purpose computing systems • Introduction to STM Microcontrollers: Overview of STM32 microcontroller families, Understanding the architecture of STM microcontrollers. • Real-World Applications: Case studies showcasing STM embedded systems in various industries. • Future Trends in Embedded Systems: Discussion on emerging technologies and trends in the field of embedded systems. The role of STM microcontrollers in future innovations.

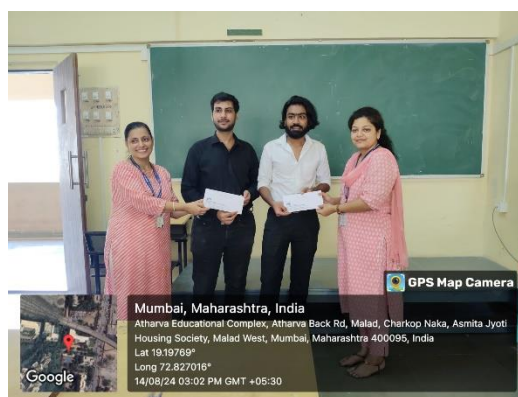
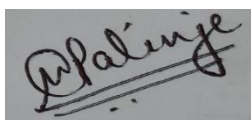
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	Outcome of the Event: • Enhanced Knowledge: Participants gain a strong understanding of STM microcontrollers, embedded systems concepts, and how to develop applications using STM32 microcontrollers. • Skill Development: Participants develop essential skills in using STM32 development boards and STM32 Nucleo boards. • Increased Confidence: Attendees feel more confident in tackling embedded systems projects, from basic applications to more complex designs. • Awareness of Industry Trends: Participants become aware of the latest trends and innovations in embedded systems, positioning them to stay updated with future advancements.
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Photographs of the Event:



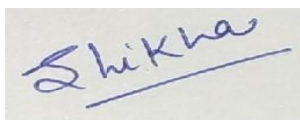
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Prof. Mahalaxmi Palinje
EXTC Dept Coordinator, ACE



Prof. Ruchi Chauhan
EXTC Dept Coordinator, ACE



Prof. Shikha Malik
EXTC Dept Coordinator, ACE



EXTC Dept Coordinator, ACE



Dr. Bhavin Shah
HOD EXTC, ACE



PRINCIPAL
ATHARVA COLLEGE OF ENGINEERING
MUMBAI

Dr. Ramesh Kulkarni
Principal