



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/22/2024-25

DATE: 15/07/2024

Report of Guest Lecture 2024-25

Event Name:	Guest Lecture
College/Institute Name:	Atharva College of Engineering
Date and Time:	10 th July 2024 at 11 am onwards
Venue:	R9, 2 nd Floor, EXTC, Phase 1, ACE
Speaker Name and Designation	Mr. Jayesh Banatwala Founder, Mumbai Amateur Radio Institute.
Topic of Event:	“HAM Radio Communication”
Mode of conduction:	Offline mode
Coordinators of the Event:	Ms. Mahalaxmi Palinje, Ms. Ruchi Chauhan, Ms. Shikha Malik, Ms. Charushila Pawar
Targeted Audience:	SE students of EXTC Dept.
No. of Participants:	65
Brief Description of Event:	Objectives of the Event: • Gain a comprehensive understanding of antenna principles • Learn design methodologies • Explore real-world applications • Understand HAM radio operations Topics Covered in the Event: • Introduction to Antennas: Basic concepts, terminology, and principles of antennas. • Antenna Types and Characteristics: Overview of various antenna types (e.g., dipole, monopole, patch, Yagi, etc.) and their characteristics. • Antenna Parameters: Explanation of key antenna parameters such as gain, radiation pattern, impedance, bandwidth, and efficiency. • Emerging Trends in Antennas: Discussion on the latest advancements and future trends in antenna technology. • HAM Radio Introduction: A segment of the seminar focused on introducing participants to the world of amateur radio (HAM radio) and its significance in



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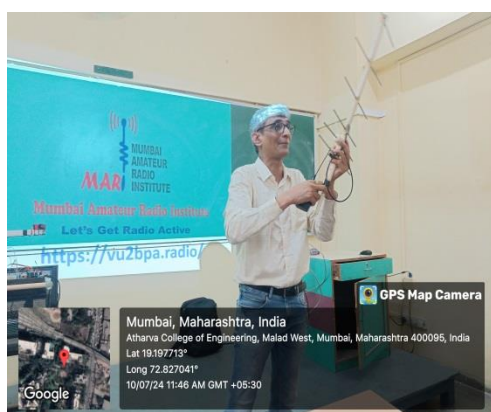
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	emergency communication and community service. Outcome of the Event: • Enhanced Knowledge: Students gained a deep understanding of antenna fundamentals and their applications, enabling them to make informed design decisions. • Practical Design Skills: Students acquired practical skills in designing and optimizing antennas for specific use cases. • Research and Innovation: The seminar inspired students to explore new possibilities and innovations in the world of antennas and HAM radio.
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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

Prof. Charushila Pawar
EXTC Dept Coordinator, ACE

Dr. Bhavin Shah
HOD EXTC, ACE



Dr. Ramesh Kulkarni
Principal