



Academic Year 2024-25 (Even Semester)

Department of Electronics and Telecommunication Engineering

ACE/EXTC/FR/22/2024-25

DATE: 21/03/2025

Report of Workshop 2024-25

Event Name:	One day Workshop in collaboration with Atharva Satellite Ground Station, IEEE Atharva Student Branch Chapter (SBC 62431) and IETE Student Forum, ACE.
College/Institute Name:	Atharva College of Engineering
Date and Time:	19 th March 2025 from 3 pm onwards
Venue:	Smart Classroom 5, 4 th Floor, Phase 1, ACE
Speaker Name and Designation:	Mr. Jayesh Banatwala Founder of the Mumbai Amateur Radio Institute
Topic of Event:	Morse code and HAM Radio Protocols
Mode of conduction:	Offline mode
Coordinators of the Event:	Prof. Shikha Malik, Prof. Mahalaxmi Palinje , Prof. Charushila Pawar
Targeted Audience:	Registered Participants of HAM radio licence examination
No. of Participants:	37
Brief Description of Event:	Objective of the Event: 1. To provide participants with fundamental knowledge of Morse code and HAM radio protocols. 2. To familiarize attendees with the practical applications of HAM radio communication. 3. To prepare participants for the HAM radio license examination through hands-on learning. 4. To enhance technical understanding of radio communication and its significance in emergency scenarios. 5. To encourage students to explore opportunities in the field of amateur radio and communication technology. Topics Covered in the Event: 1. Introduction to Morse Code and Its Significance 2. Basics of HAM Radio and Operational Protocols 3. Licensing Process and Regulations

Academic Year 2024-25 (Even Semester)

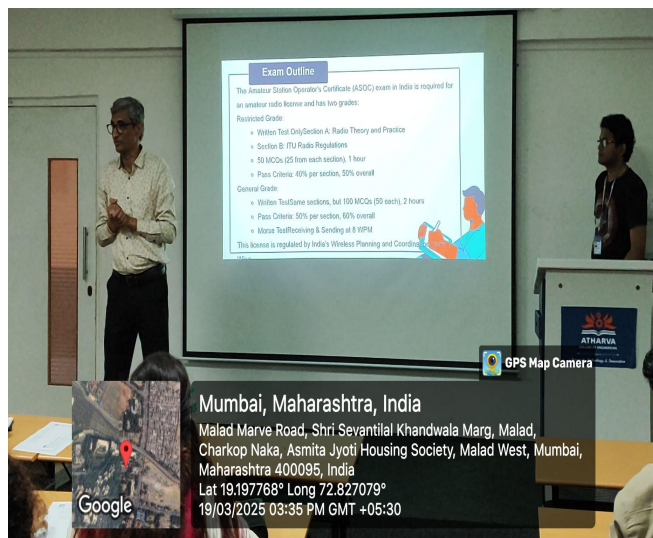
	4. Practical Demonstration of Morse Code 5. Emergency Communication and Real-World Applications Outcome of the Event: 1. <u>Enhanced Understanding of Morse Code and HAM Radio Protocols</u> – Participants gained practical knowledge of Morse code and HAM radio operations, improving their technical proficiency in radio communication. 2. <u>Increased Readiness for HAM Radio Licensing Exam</u> – Attendees became familiar with the examination process, regulations, and protocols, better preparing them for obtaining their HAM radio license. 3. <u>Hands-on Experience with Morse Code Transmission</u> – The practical demonstration allowed participants to develop skills in sending and decoding Morse code, reinforcing their learning through real-time practice. 4. <u>Awareness of HAM Radio's Role in Emergency Communication</u> – The session highlighted the importance of HAM radio in disaster management, inspiring students to explore its applications in real-world crisis situations. 5. <u>Encouragement for Further Exploration in Radio Communication</u> – The event sparked interest in amateur radio, motivating students to pursue further learning, research, and career opportunities in the field.
--	---



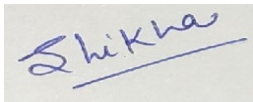
ATHARVA EDUCATIONAL TRUST'S
ATHARVA COLLEGE OF ENGINEERING
 (Approved by AICTE, Recognized by Government of Maharashtra
 & Affiliated to University of Mumbai - Estd. 1999 - 2000)
 ISO 21001:2018 ISO 14001:2015 ISO 9001:2015
 NAAC Accredited A+

Academic Year 2024-25 (Even Semester)

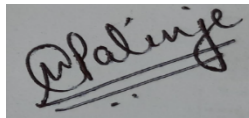
Photographs of the Event:



Academic Year 2024-25 (Even Semester)

Prof. Shikha Malik
ASGS Coordinator, ACE



Prof. Mahalaxmi Palinje
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, ACE