



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 A+ Accredited  
Academic Year 2025-26 (EVEN Semester)

**Department of Electronics and Telecommunication Engineering**

ACE/EXTC/FR/20/2025-26

DATE: 7/04/2026

**Report of Guest Lecture 2025-26**

<b>Event Name:</b>	<b>Guest Lecture organised by Department of EXTC in association with IETE SF-ACE</b>
<b>College/Institute Name:</b>	Atharva College of Engineering
<b>Date and Time:</b>	<b>02/04/26</b> , at 10.30 AM onwards
<b>Speaker Name and Designation</b>	<b>Mr. Vikas Yadav and Dhanush Chandranan</b> Technology Educator , PHN Technology Pvt .Ltd Pune
<b>Topic of Event:</b>	<b>“Advancements in Robotics”</b>
<b>Mode of conduction:</b>	Offline mode
<b>Coordinators of the Event:</b>	Ms. Ruchi Chauhan, Ms. Shikha Malik, Ms. Gauri Vaidya
<b>Targeted Audience:</b>	SE and TE Students of EXTC
<b>No. of Participants:</b>	68
<b>Brief Description of Event:</b>	<p><b>Objective of the Event</b></p> <ol style="list-style-type: none"><li>1. To introduce students to modern advancements in robotics.</li><li>2. To understand the role of robotics in industries such as healthcare, manufacturing, and automation.</li><li>3. To explore emerging technologies like Artificial Intelligence (AI) and Machine Learning in robotics.</li><li>4. To create awareness about career opportunities in robotics and automation.</li><li>5. To bridge the gap between academic learning and industry practices.</li></ol> <p><b>Topics Covered :</b></p> <p>The guest speaker covered a wide range of topics, including:</p> <ol style="list-style-type: none"><li>1. Introduction to robotics and its evolution</li><li>2. Types of robots (industrial, service, humanoid, autonomous robots)</li><li>3. Integration of AI and Machine Learning in robotics</li><li>4. Applications of robotics in healthcare (surgical robots),</li></ol>

	<p>manufacturing, and defense</p> <ol style="list-style-type: none"> <li>5. Industrial automation and smart factories</li> <li>6. Robotics in daily life (home automation, autonomous vehicles)</li> <li>7. Future trends such as collaborative robots (cobots) and intelligent systems</li> <li>8. Challenges and ethical considerations in robotics</li> </ol> <p><b>Outcome of the Event</b></p> <ol style="list-style-type: none"> <li>1. Students gained knowledge about the latest advancements in robotics.</li> <li>2. Participants understood real-world applications of robotics across various industries.</li> <li>3. The lecture enhanced awareness of emerging technologies like AI-driven robotics.</li> <li>4. Students developed interest in robotics-related research and career paths.</li> <li>5. The session provided exposure to industry trends and practical applications.</li> <li>6. It motivated students to explore innovation and project development in robotics.</li> </ol>
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**Photographs of the Event :**





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Ruchi Chauhan  
**Coordinator**  
EXTC dept, ACE

Shikha Malik  
**Coordinator**  
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Gauri Vaidya  
**Coordinator**  
EXTC dept, ACE

Dr. Kiruthika B.  
**HOD EXTC, ACE**



Dr. Ramesh Kulkarni  
**Principal, ACE**