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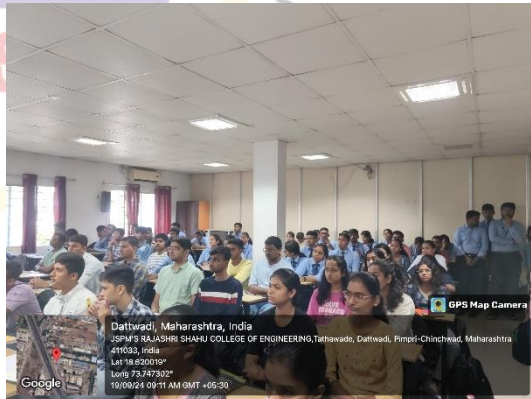
Director

## REPORT

### Robotics Session

- Submitted by: Team ENTESA
- Date of Submission: 19/09/2024
- Organised by: Team ENTESA

<b>Activity Type</b>	Session
<b>Activity Title</b>	Robotics Session
<b>Date(s) of Activity</b>	19/09/2024
<b>Duration</b>	9:00 AM to 11:00 AM (2 hours)
<b>Organizers</b>	<b>Team ENTESA</b>
<b>Target Audience</b>	E&TC Students
<b>Brief Description of the activity</b>	<p>On 19th September 2024, Team ENTESA successfully conducted a two-hour robotics session at the E&amp;TC Seminar Hall, aimed at introducing students to the fundamentals of robotics. The session was led by a robotics company that provided detailed explanations of key components, mechanisms, and technologies used in modern robots. The company demonstrated several robots, including drones and other advanced machines, with the main highlight being a dog robot that captivated the audience with its lifelike movements and sophisticated design.</p> <p>The session was highly interactive, with students actively engaging by asking questions and participating in discussions. They were able to gain practical insights into the working of robots, enhancing their understanding of the field. The hands-on demonstrations offered students valuable exposure to robotics technologies, sparking curiosity and interest in further exploration of robotics and innovation. The session proved to be an inspiring and educational experience for all participants.</p>
<b>Objectives</b>	<b>1. Introduce Robotics Concepts:</b> Provide a comprehensive introduction to the fundamentals of robotics, including components and mechanisms.

	<div>2. <b>Hands-on Demonstration:</b> Allow students to observe live demonstrations of robots and drones to better understand their operation.</div> <div>3. <b>Engage Students:</b> Encourage active participation and engagement during the session through discussions and Q&amp;A.</div> <div>4. <b>Showcase Advanced Robotics:</b> Display advanced robotic technologies, such as the dog robot, to inspire innovation among students.</div> <div>5. <b>Foster Future Learning:</b> Stimulate interest in further exploration of robotics and related technological fields.</div>										
<b>Pos Mapped</b> (Add Mapped level 1,2,3)	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO5</b>	<b>PO6</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>	<b>PO12</b>	
	3	2	3	3	2	2	3	1	2	3	
<b>PSO's Mapped</b> (Add Mapped level 1,2,3)	<b>PSO 1</b>	<b>PSO 2</b>	<b>PSO 3</b>								
	2	2	2								
<b>Resource Person(s)</b> (If applicable)	Bot Makers Pvt. Ltd.										
<b>Outcomes</b>	<div>1. <b>Increased Knowledge of Robotics:</b> Students gained a solid understanding of the basics of robotics and its core components.</div> <div>2. <b>Heightened Interest in Robotics:</b> Many students expressed interest in pursuing additional learning and projects in robotics.</div> <div>3. <b>Practical Insights:</b> The live demonstrations provided practical exposure to cutting-edge robotic technologies.</div> <div>4. <b>Active Engagement:</b> Students were highly engaged, asking thoughtful questions and contributing to discussions.</div> <div>5. <b>Inspiration for Innovation:</b> The advanced demonstrations, particularly the dog robot, inspired students to think creatively about the future of robotics.</div>										
<b>Photos/Video</b>	<div>Event Photos :-</div> <div><div></div><div></div></div>										



Prof. S.S. Chaudhari  
**ENTESA Faculty Co-ordinator**

Dr. S.C. Wagaj  
**HOD, E&TC**

