



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 Accredited with Grade A+

**ACADEMIC YEAR: 2025-26**

ACE/CMPN/FR/20/2025-26

DATE: 01/07/2025

Report of One Week **Hands-on FDP Session on “Using AI Tools in Engineering”**

<b>Event Name:</b>	<b>Hands-on FDP Session on “Using AI Tools in Engineering”</b>
<b>College/Institute Name:</b>	Atharva College of Engineering
<b>Date and Time:</b>	23 <sup>rd</sup> June 2025 to 27 <sup>th</sup> June 2025
<b>Venue:</b>	CC Lab 5 <sup>th</sup> Floor, Phase 1, ACE
<b>Speaker Name and Designation</b>	Dr. Sangeeta Tripathi , Dr. Bhavin Shah , Dr. Kiruthika B , Prof.Jyoti Gurav , Dr.Yogita Shelar , Dr Ulhas Kumar Gokhale , Dr Ridhima Bhalla, Dr. Suvarna Pansambal, Prof.Priti Mishra
<b>Topic of Event:</b>	<b>Using AI Tools in Engineering</b>
<b>Mode of conduction:</b>	Offline mode
<b>Coordinators of the Event:</b>	Prof.Aswathy s , Prof Shriya salunkhe
<b>Targeted Audience:</b>	All Faculty members in ACE
<b>No. of Participants:</b>	50
<b>Brief Description of Event:</b>	<b>Objectives of the Event:</b> <ul style="list-style-type: none"><li>• <b>Enhance Faculty Competence in AI Tools</b> Equip engineering faculty with practical skills to effectively use modern AI tools in teaching, research, and project development.</li><li>• <b>Promote Integration of AI in Curriculum</b> Enable educators to integrate AI concepts and applications into core engineering subjects, fostering future-ready graduates.</li><li>• <b>Hands-on Exposure to Popular AI Platforms</b> Provide direct experience with widely used AI tools and platforms (e.g., ChatGPT, AI Gemini, Gamma,Preplexity AI, image and text generation tools etc) to boost familiarity and confidence.</li><li>• <b>Understand Ethical and Responsible AI Use</b> Raise awareness about the ethical considerations, biases, and limitations of AI tools in educational and engineering contexts.</li><li>• <b>Encourage Research and Innovation in AI</b> Inspire participants to initiate research projects, collaborations, or publications leveraging AI technologies in engineering domains.</li></ul>



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	<p><b>Topics Covered in the Event:</b></p> <p><b>Day 1:</b> Application of Gemini, Perplexity AI, and other advanced AI tools</p> <p><b>Day 2:</b> Artificial Intelligence: A Blessing or An Existential Threat to Humanity? &amp; Discussions on Gamma, Consensus, Paperpal, Quillbot, Grammarly, turnitin and etc.</p> <p><b>Day 3:</b> Modern Teaching, Empowered by AI &amp; AI Tool "Mentimeter"</p> <p><b>Day 4:</b> Future of Artificial Intelligence: Academic Overview and Technological Advancements &amp; Ethical use of AI For engineering Education and Practice</p> <p><b>Day 5:</b> Text to video and ppt to video conversation using AI tool. Creating quiz, session plan, study material, summarize etc using AI tools. &amp; AI powered Tools to automate personalized learning like Curipod, Eduaide, Slidesgo</p>
	<p><b>Outcomes of the Event:</b></p> <ul style="list-style-type: none"><li>● <b>Improved Awareness of AI Applications in Engineering</b> Attendees explored diverse applications of AI across engineering disciplines, fostering innovative thinking for classroom and laboratory instruction.</li><li>● <b>Understanding Ethical and Responsible AI Use</b> Faculty gained insights into ethical guidelines, data privacy, and bias mitigation in AI applications, ensuring responsible AI integration.</li><li>● <b>Integration of AI into Teaching Practices</b> Faculty members developed AI-based lesson plans, assignments, and interactive modules to enrich the engineering curriculum.\</li><li>● <b>Enhanced Faculty Skills in AI Tools</b> Participants gained hands-on proficiency with state-of-the-art AI tools applicable in teaching, research, and engineering problem-solving.</li></ul>



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**Glimps of the Event:**





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Mumbai, Maharashtra, India  
Atharva College Of Engineering, 12, Shri Sevantilal Khandwala Marg,  
Malad, Charkop Naka, Asmita Jyoti Housing Society, Malad West,  
Mumbai, Maharashtra 400095, India  
Lat 19.197532° Long 72.827381°  
25/06/2025 10:12 AM GMT +05:30



Mumbai, Maharashtra, India  
Malad Marve Road, Shri Sevantilal Khandwala Marg, Malad,  
Charkop Naka, Asmita Jyoti Housing Society, Malad West, Mumbai,  
Maharashtra 400095, India  
Lat 19.197522° Long 72.827357°  
26/06/2025 12:12 PM GMT +05:30

**Prof. Priyanka Tripathi**  
Vice Principal (Acad)

**Prof. Aswathy S**  
**Prof. Shriya Salunkhe**  
Coordinators

**Dr. Jyoti Mali**  
**Prof. Neelima Pathak**  
**Prof. Mahendra Patil**  
CSI Coordinators

**Dr. Ramesh Kulkarni**  
Principal, ACE

