



An Alumni News Letter

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Two-Days online Workshop on

"Discovering Gen AI: From Basics to Breakthroughs"

Organised by

**Department of CSE-AI/ML and Department of Mechatronics Engineering,
Rajarambapu Institute of Technology, Rajaramnagar,**

in association with

**IEEE Computer Society Student Chapter, IEEE Robotics and Automation
Student Chapter, RIT-CTL, SAAI and RIT Alumni Advisory Hub (RAAH)**

Dates: 7th - 8th October 2024

- **Workshop Overview**

The Two-Day Workshop on "Discovering Gen AI: From Basics to Breakthroughs" was organized with the aim of introducing participants to the revolutionary field of Generative AI (Gen AI) and exploring its practical applications in various industries. Hosted by Rajarambapu Institute of Technology (RIT) and supported by the RIT Alumni Advisory Hub (RAAH), IEEE Computer Society Student Chapter, IEEE Robotics and Automation Student Chapter, RIT-CTL and SAAI the event featured expert speakers with hands-on experience in AI-related industries, offering both foundational knowledge and case study-driven insights.

- **Day 1: Laying the Foundation for Generative AI**

The first day of the workshop, held on 7th October 2024, focused on building a strong understanding of Generative AI and its technical components.

- **Welcome and Introduction:**

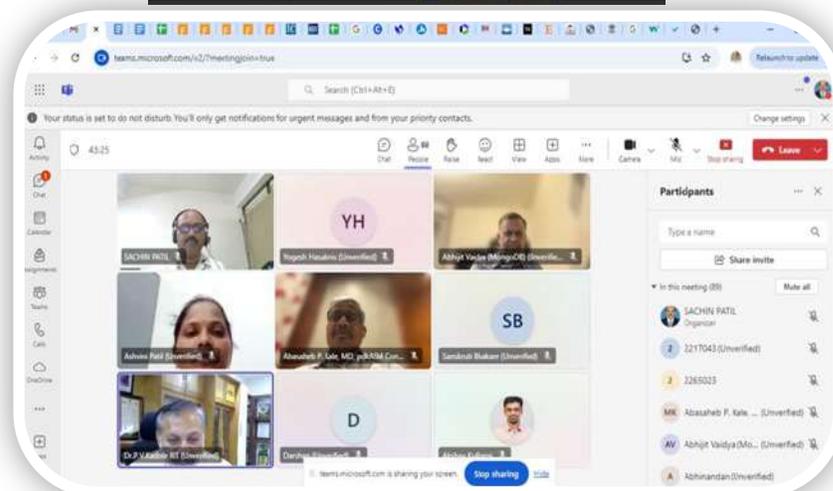
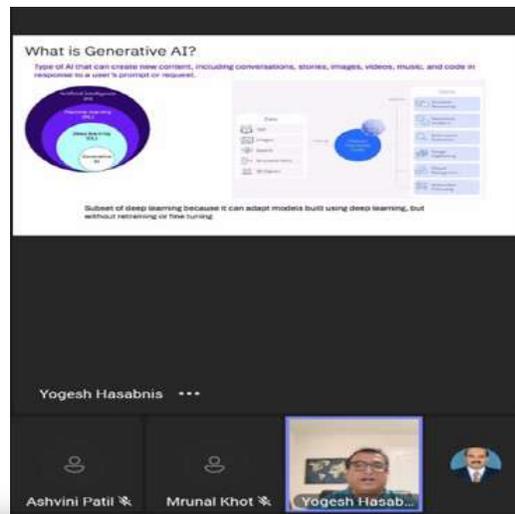
The event commenced with a warm welcome from Mrs. Ashwini Patil, who anchored the sessions for the day. Dr. Sachin Patil, Head of the CSE-AI/ML department, introduced the expert speakers and outlined the objectives of the workshop.

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- **Session 1: Introduction to Generative AI by Mr. Yogesh Hasabnis**

The first session of the day was led by Mr. Yogesh Hasabnis, a Business Transformation Architect, who introduced the participants to the concept of Generative AI. Yogesh explained the underlying principles of Gen AI, focusing on its potential to revolutionize industries ranging from healthcare to creative fields. He provided examples of how Gen AI is being used to generate art, automate business processes, and develop innovative technical solutions.

His session was well-structured, offering participants a clear understanding of how AI models work and the different ways AI is being used to drive business transformation.

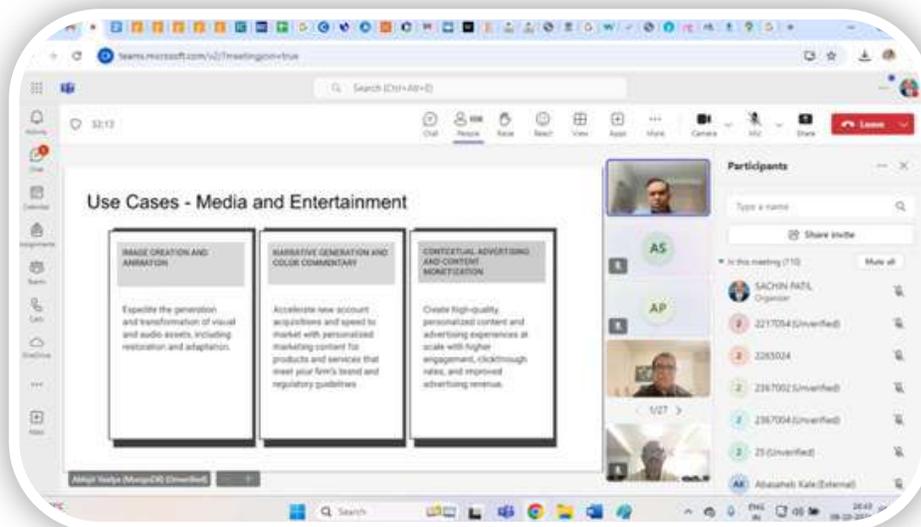


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- **Session 2: Prompt Engineering by Mr. Abhijit Vaidya**

Following Mr. Hasabnis, Mr. Abhijit Vaidya, a Global Technology Leader at MongoDB, took the stage with a session on Prompt Engineering. Abhijit explained how crafting the right prompts can make AI systems more effective and powerful. Using real-world case studies from the healthcare and finance industries, he demonstrated the importance of clear and structured prompts in deriving accurate results from AI models.

The session was highly interactive, with participants discussing various prompt strategies and learning how to apply these techniques in different sectors.



- **Day 2: Practical Applications and Case Studies in AI**

The second day, held on 8th October 2024, focused on the practical applications of AI in various industries, with a particular emphasis on case studies that highlighted the power of AI to transform real-world scenarios.

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- **Session 1: Business Applications of AI by Mr. Yogesh Hasabnis**

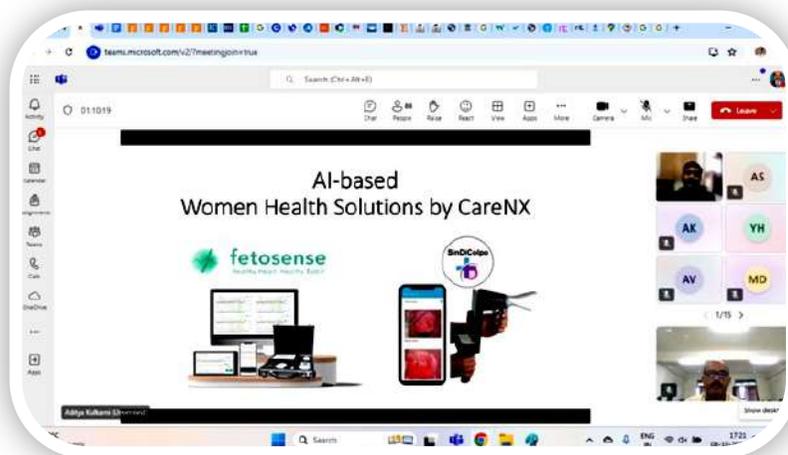
The second day opened with Mr. Yogesh Hasabnis returning to discuss the Business Applications of AI. Building on his foundational session from Day 1, Yogesh delved deeper into how AI is used in different business functions to improve efficiency, automate repetitive tasks, and make data-driven decisions. His case studies included examples from the healthcare and finance sectors, where AI has helped companies streamline operations and reduce costs.

Participants found this session especially valuable as it offered practical insights into how they could implement AI-driven solutions within their own organizations.

- **Session 2: AI Case Studies by Mr. Aditya Kulkarni**

The final session of the workshop was delivered by Mr. Aditya Kulkarni, an Entrepreneur and AI Expert with a rich background at ISRO, IIT, and NVIDIA. Aditya presented a variety of AI Case Studies that demonstrated how AI is being used in healthcare and engineering. His session provided participants with a deep dive into real-world applications, showcasing AI's potential to solve complex challenges in industries that rely heavily on precision and innovation.

The case studies ranged from healthcare research to engineering problems, providing participants with a wide perspective on how AI is making groundbreaking advances in technical fields. This session inspired participants to think creatively about how AI could be applied in their respective domains.



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- **Key Highlights:**

- **Foundational Learning:** Participants received a thorough introduction to Generative AI, understanding its mechanics and potential to impact various industries.
- **Practical Insights:** Real-world case studies from healthcare, finance, space research, and engineering provided attendees with actionable knowledge.
- **Expert Engagement:** The workshop fostered an environment for participants to engage with AI experts, ask questions, and explore advanced AI concepts.



Alumni Interaction

Department of Electronics & Telecommunication Engineering

Mr. Amit Deshmukh, Program Manager at Amazon UK, visited on August 16, 2024. Amit is a proud alumnus of our department.



Ms. Madhuri Sahare, an alumna of the 2015 Batch, visited our department on July 8, 2024.



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Department of Electronics & Telecommunication Engineering

Mr. Satyajee Deokar, an alumnus of the 2023 Batch, was selected for a **Master of Science** at Michigan Technological University in the U.S. He visited the department on 21st August, 2024.



Department of Electrical Engineering

Mr. Shreyash Chavan, UG 2022 Batch Student Selected as **Assistant Engineer** (Electrical) at Irrigation Department of Maharashtra Government



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Department of Electrical Engineering

Mr. Digambar Benugade Engineer at PCMC Pune delivered expert sessions on “**Power transmission and Distribution**” for T.Y and Final Year Students on 19th October 2024



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Department of Electrical Engineering

Ms. Aishwarya Jadhav, Senior Application Development analyst, Accenture present in campus for Inauguration function of Enthuse 2024.



Alumni Interaction

Department of Electrical Engineering

Mr. Vivek Waiphale Assistant Engineer kadegaon MSDCL visited department on 14th Nov.2024



Mrs Sayali Patil Selected as **Assistant Commissioner State Tax (GST)** Department Government of Maharashtra.



Alumni Interactions

Department of Information Technology



Our alumni **Mr. Hruturaj Nikam** (Pass out 2011), Technical Officer, Centre for Development of Advanced Computing (CDAC Pune), Dr. Sandip Thorat Assistant Prof. GCE, Karad, Mr. Milind Khasbage (2009 pass out), Senior Software Architect, Tietoevry, Pune, Mr. Dnyaneshwar Pawar (2019 pass out), Associate Software Development Engineer, Emtec Technologies Pvt. Ltd. Pune visited RIT on 7th December, 2024 for project assistance of B. Tech. students.

The following contents covered during the visit:

- Improving technical skill
- Guiding students from research perspective
- Soft skills and presentation skills
- Interview skills

On behalf of IT department, we express our gratitude to **Mr. Milind Khasbage, Mr. Hruturaj Nikam, Mr. Dnyaneshwar Pawar and Dr. Sandip Thorat sir** for assisting our students in projects.

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