

Empowering Young Minds: A Hands-On Session on Generative AI and Tools

Pune, Maharashtra | 21st January, 2025



The Institutional Social Responsibility (ISR) Cell of the Department of Computer Science and Engineering (AI & ML), PCCOE, Pune, organised a hands-on session on *Generative AI Tools* for the Grade VIII students of S.B. Patil Public School, Pune, on 21st January, 2025. The session aimed to introduce young learners to the fundamentals of Artificial Intelligence (AI) and inspire them to explore the vast possibilities of AI technology.

A total of 20 enthusiastic students participated in the activity, which was led by the dedicated guidance of Pallavi Ma'am. The session included both theoretical insights and live demonstrations using laptops to provide a hands-on learning experience. This interactive approach enabled students to understand the potential of Generative AI and its practical implications in various domains.



The session aimed to introduce the students to the rapidly evolving field of artificial intelligence and its creative applications, fostering curiosity and innovation among young minds.

The session began with a warm welcome and a brief introduction to Artificial Intelligence, highlighting its significance in the modern world and its potential to transform industries. Various generative AI tools were demonstrated, focusing on their applications in text, image, video, and presentation generation.

1. **Text Generation:** ChatGPT, Claude.ai
2. **Image Generation:** MidJourney V6.1, Meta
3. **Video Generation:** Veo 2 Google
4. **PDF extraction Tools:** ChatPDF, GPTSideBar
5. **Presentation Generation:** Gamma.app



Students were divided into groups, with each ISR team member assisting 5 students. They practiced using the tools on their laptops under the supervision of the ISR volunteers. **10 minutes per tool** were allocated for this activity to ensure students gained practical exposure.

Students were taught effective prompting strategies to enhance the accuracy and efficiency of AI-generated results. The session concluded with a discussion on the ethical considerations of AI usage, emphasizing responsible use of technology.

Participants were introduced to various Generative AI tools, their functionalities, and real-world use cases. This theoretical knowledge provided a glimpse into how AI is transforming industries like entertainment, education, and healthcare.





The ISR session on Generative AI Tools was a highly enriching experience for the students of S.B. Patil Public School and the ISR volunteers. It provided an excellent platform for young learners to engage with cutting-edge AI technologies and gain hands-on experience. The session encouraged students to think critically about AI's role in society, its ethical implications, and the responsibilities associated with using such technologies.

The event successfully fulfilled its objective of inspiring the next generation of tech innovators while fostering curiosity and creativity among students. Alongside learning about AI tools and their applications, students were educated on the ethical aspects of AI usage. They were guided on understanding what is right and wrong when leveraging such technologies, emphasising the importance of responsibility and integrity.



The session not only sparked curiosity but also fostered awareness of ethical practices, preparing students to navigate a future increasingly influenced by AI. Students were exposed to key terms and concepts related to Generative AI tools, enriching their technical vocabulary and making them more confident in discussing AI-related topics.

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4. **ISR Session Coordinators:**
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 - b. Mr. Swetank Raut
 - c. Ms. Poonam Kadam
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