

**A Report on One Week International FDP on**  
**“Empowering Educators with AI: From Research Tools to Generative Innovations”**  
**Organised by**  
**Department of Computer Science and Engineering - AI & ML**  
**from 30.12.2024 to 04.01.2025**

**Report Submitted by: Dr. E. Sandhya, Assistant Professor, Department of CSE -AI&ML**

**Event Organized by: Dr. E. Sandhya, Assistant Professor, Department of CSE -AI&ML; Mr. BSH. Shayeez Ahamed, Assistant Professor, Department of CSE -AI&ML.**

**Report Received on 09.01.2025.**

**Mode of Conduct: Online**

The Department of Computer Science and Engineering - AI & ML hosted a One-Week International Faculty Development Program (FDP) titled “Empowering Educators with AI: From Research Tools to Generative Innovations.” Conducted online from December 30, 2024, to January 4, 2025, the event attracted an impressive audience of over 161 participants, including faculty members, committed research scholars, and enthusiastic students from across India.

The session commenced at 10:30 AM with 161 participants. Dr. E. Sandhya, Assistant Professor in the Department of CSE-AI&ML, delivered a detailed overview of the upcoming FDP sessions. This was followed by a warm and insightful welcome address by Dr. S. Padma, Head of the Department of CSE-AI&ML, who highlighted the significance of the program and the pivotal role of AI in today's world. Dr. P. Ramanathan, Vice Principal (Academics), graced the event with a felicitation address, adding a sense of importance and prestige to the occasion. He encouraged all participants to make the most of the FDP and embrace new learning opportunities. Concluding the inaugural session, Mr. BSH. Shayeez Ahamed, Assistant Professor in the Department of CSE-AI&ML, introduced the resource persons.

**Day-1 (30.12.2024)**

**Session -1:**

**Resource Person:** Dr. Ramkumar Lakshminarayanan, Assistant Professor, Department of Information Technology, University of Technology and Applied Sciences Sultanate of Oman.

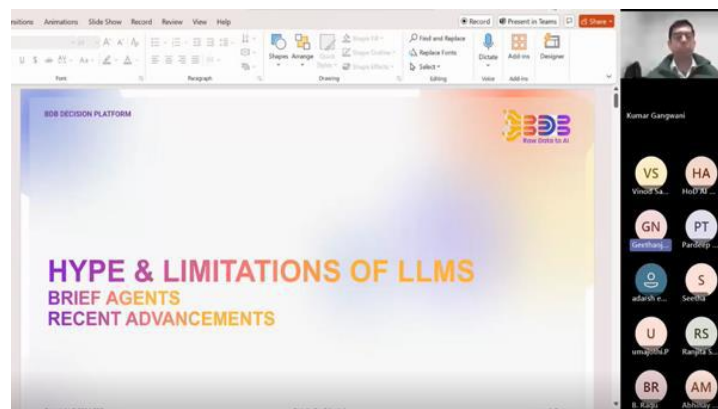
**Topic:** AI Tools for research: Advantages and Challenges.



**Session-2:**

**Resource Person:** Mr. Kumar Gangwani, Vice President, BDB.ai, Bengaluru.

**Topic:** Limitations and constraints with LLMs and Approaches to address.



Day-2 (31.12.2024)

Session -1:

**Resource Person:** Dr. Dulari Bhatt, Master Trainer, Edunet Foundation, Bengaluru.

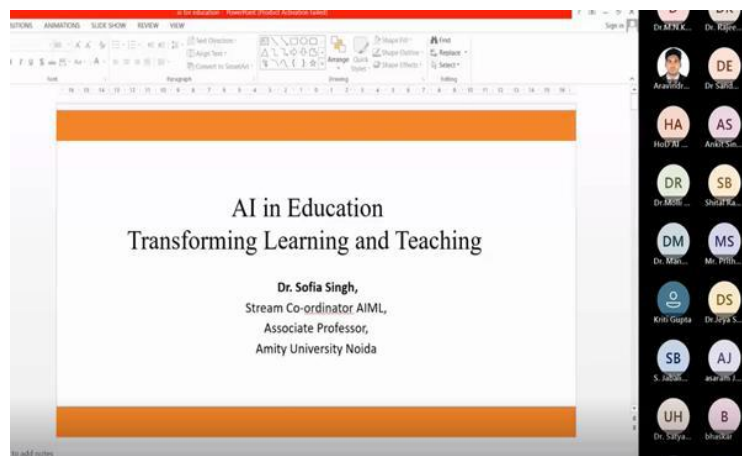
**Topic:** Simplify AI: Building and Deploying ML Models with No-Code AI Tools.



Session-2:

**Resource Person:** Dr. Sofia Singh, Associate Professor, Department of AI, Amity University, Noida.

**Topic:** AI in Education – Transforming Learning and Teaching.

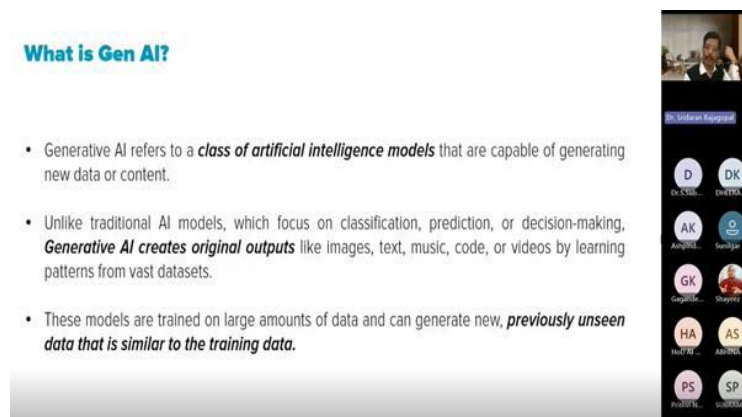


Day-3 (2.1.2025)

Session -1:

**Resource Person:** Dr. R. Sridaran, Dean, Faculty of Computer Applications, Marwadi University, Gujarat.

**Topic:** Gen AI : Today and Tomorrow.



Session-2:

**Resource Person:** Ms. Sandhya Chandramouleeswaran , Custom software engineering specialist, Accenture India

**Topic:** Revolutionizing education with Chat GPT/AI.



**Day-4 (3.1.2025)**

**Session -1:**

**Resource Person:** Dr. A.Nirajan, Associate Professor, School of Technology, GITAM (Deemed to be University), Hyderabad

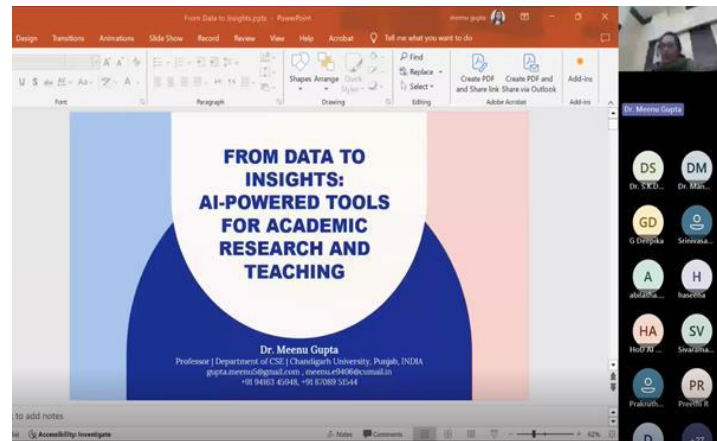
**Topic:** AI in Education: Transforming Teaching and Learning.



**Session-2:**

**Resource Person:** Dr.Meena Gupta, Professor, Chandigarh University, Punjab.

**Topic:** From Data to Insights: AI-Powered Tools for Academic Research and Teaching.

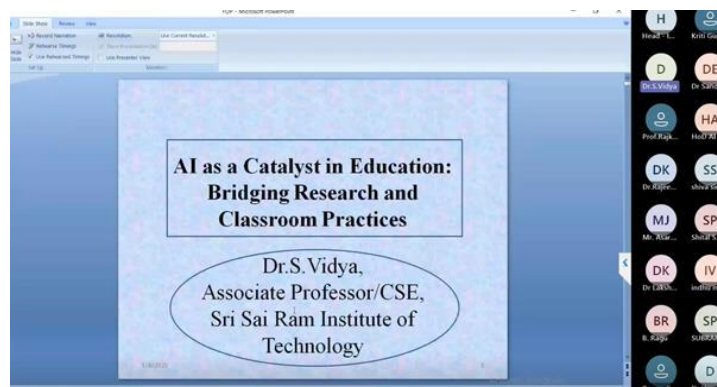


**Day-5 (4.1.2025)**

**Session -1:**

**Resource Person:** Dr.S.Vidya, Associate Professor/CSE, Sri Sai Ram Institute of Technology, Chennai.

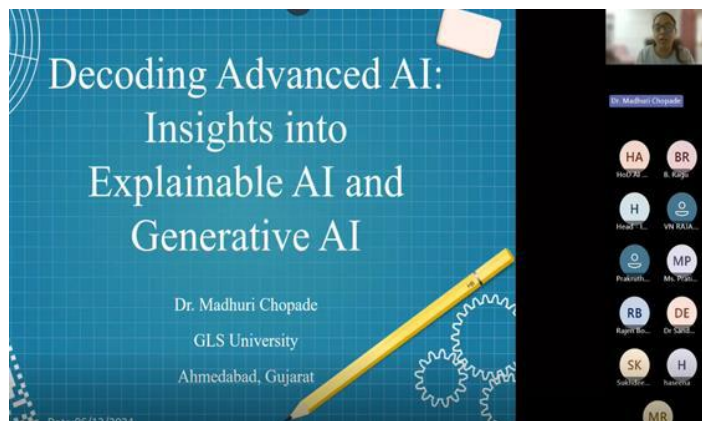
**Topic:** AI as a Catalyst in Education: Bridging Research and Classroom Practices.



## Session-2:

**Resource Person:** Dr. Madhuri Chopade, Assistant Professor, Faculty of Engineering and Technology, Gujarat Law Society University, Ahmedabad

**Topic:** Exploring Advanced AI Frontiers: Explainable AI (XAI) and Generative AI.



To conclude the FDP, Dr. E. Sandhya, Assistant Professor in the Department of CSE - AI & ML, delivered the vote of thanks, expressing gratitude to the management for offering an opportunity to broaden our knowledge in the ever-evolving field of AI.

### Outcome of the FDP:

The Faculty Development Program (FDP) titled "Empowering Educators with AI: From Research Tools to Generative Innovations" is expected to yield a range of positive outcomes, benefiting participants, the department, and the wider academic and professional community. Some anticipated impacts include:

- Participants gain a deeper understanding of AI tools, technologies, and their applications in research and education.
- Encouragement for innovative research in AI and machine learning, fostering interdisciplinary collaboration.
- Empower educators with modern, AI-driven teaching strategies to enhance student engagement and learning outcomes.
- Exposure to hands-on tools and techniques for implementing AI and generative innovations in academic and professional settings.
- Strengthen the department's capability to lead AI-related programs and initiatives, positioning it as a center of excellence.
- Build connections among faculty, researchers, and students from diverse institutions for future collaborations.