

Day 1: Resource Person : Dr. Rahmath Ulla Baig, Major in Artificial Intelligence.

Topic : Foundations of Generative AI & LLM Ecosystem

Dated : 31.08.2026



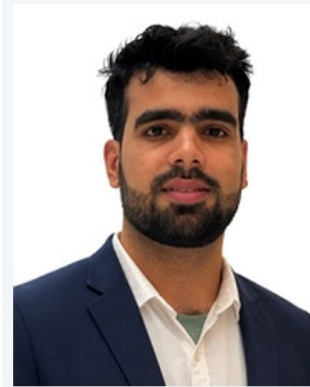
The session provided participants with a foundational understanding of Generative AI and the evolving ecosystem of Large Language Models (LLMs). It covered key concepts, capabilities, applications, and the role of modern AI models in content generation, research, education, and industry. The session also highlighted emerging trends and practical considerations for effectively leveraging Generative AI tools in real-world applications.



Day 2: Resource Person : Aaquib Amin Mir, Director – Research & Development

Dated : 01.09.2026

Topic : Prompt Engineering – Core Techniques



The session introduced participants to the fundamental principles of prompt engineering and effective interaction with Generative AI tools. It covered techniques for creating clear, specific, and context-rich prompts, along with role prompting, few-shot prompting, and iterative refinement. Participants also had an opportunity to observe **robotic technologies and demonstrations**, providing practical exposure to the integration of AI with emerging technologies. The session highlighted the applications of Generative AI and robotics in academic, research, and professional contexts.





Day 3: Mr. Manikanda Mohanvelu , Director Abstream Technologies

Topic : Advanced Prompting & Reasoning Techniques

Dated : 02.09.2026

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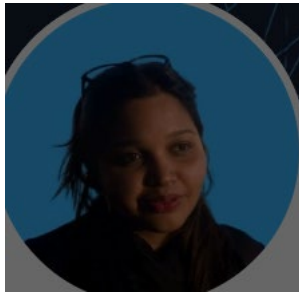
The session focused on advanced approaches to designing effective prompts and improving the quality of AI-generated responses. Participants explored structured prompting, multi-step reasoning, contextual instructions, and prompt refinement techniques for addressing complex tasks. The session also highlighted practical applications of these techniques in **research, education, problem-solving, and professional workflows**, enabling participants to use Generative AI more effectively and purposefully.



Day 4: Ms. Nida Sahar , Founder & CEO, Nife.io

Topic: Generative AI for Sustainable & Real – World Solutions

Dated : 03.09.2026



The session explored how Generative AI can be applied to address real-world challenges and support sustainable development. Participants learned about its potential in areas such as education, healthcare, environment, research, and industry, with emphasis on developing innovative, responsible, and practical AI-driven solutions.



Day 5 : Industrial Visit , STEMX India , White Field , Bengaluru

Dated : 04.09.2026

As part of the ATAL Faculty Development Programme, the participating faculty members visited **STEMX India, Kondasapura, Whitefield, Bengaluru**, for an industry-oriented learning experience. The faculty were introduced to **robotics and various robotic technologies**, gaining insights into their functioning, applications, and potential in education and real-world environments. The visit provided valuable practical exposure to emerging technologies and helped participants understand the integration of **AI, robotics, and STEM-based solutions** in modern applications.





Day 6: Mr. Roshan Singh , Founder , Scrollwell

Dated : 05.09.2026

Topic : Deployment, Ethics and Future Directions of Generative AI



The session focused on the practical deployment of Generative AI and the ethical considerations involved in its responsible use. Participants were introduced to a **wide range of AI tools and platforms**, gaining insights into their features and applications for education, research, content creation, and professional tasks. The session also addressed privacy, transparency, bias, reliability, and responsible AI practices, along with emerging trends and future possibilities of Generative AI.



