



FACULTY DEVELOPMENT PROGRAM

On

Generative AI in Academia: Transforming Teaching, Research and Administration *(In Hybrid Mode)*

05th -09th January 2026

In-Association With:



Organized By:

Department of Computer Engineering

A. D. Patel Institute of Technology
The Charutar Vidya Mandal (CVM) University
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www.adit.ac.in
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ABOUT CVM UNIVERSITY

Charutar Vidya Mandal University (CVMU) established in the year 2019 as a largest self-financed state private university with a prime objective of imparting quality education for current and future needs of individual, society and the Nation. The CVM University offers programs in more than nine academic disciplines. The initial size of the CVM University is largest among all private universities of Gujarat and well-qualified faculty members and non-academic staff members are the part of the CVM University.

ABOUT INSTITUTE

A. D. Patel Institute of Technology, New V V Nagar is a College of CVM University, Vallabh Vidyanagar, Gujarat. This institute was established in the year 2000 to impart quality education in the emerging area of engineering and technology. A self-financed degree engineering college on an area of 40 acres of land behind the industrial set-up of Vitthal Udyognagar. The campus is a beautiful eco-friendly with a lush green lawn and playgrounds. A. D. Patel Institute of Technology boasts a great concourse of state-of-the-art infrastructure, highly qualified academicians, a holistic approach to education, and a techno-scientific ambiance.



ABOUT DEPARTMENT

The Department of Computer Engineering at A. D. Patel Institute of Technology (ADIT) was established to meet the growing demand for skilled professionals in the field of Computer Science. The department offers two undergraduate programs, Computer Engineering and Computer Science and Design – supported by a team of well-qualified and experienced faculty members. It is equipped with well-established computing laboratories, modern software tools, and robust infrastructure to facilitate an effective teaching-learning environment. The department actively promotes academic excellence, research initiatives, and skill development in emerging areas such as Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, and Cyber Security. Furthermore, it continuously strives to align its academic practices with industry requirements and evolving technological advancements.



ABOUT FDP

Generative Artificial Intelligence (GenAI) has emerged as a transformative technology across engineering education, research, and innovation. With the rapid advancement of Large Language Models (LLMs), engineering educators and researchers must be equipped with the knowledge and skills to effectively integrate GenAI into teaching-learning processes, research workflows, and interdisciplinary problem-solving. This one week FDP aims to provide comprehensive exposure to the fundamentals, tools, applications, and ethical considerations of Generative AI, with hands-on sessions and use cases relevant to Engineering. Overall, the initiative supports the development of a strong departmental research roadmap that fosters innovation and long-term academic growth.

RELEVANCE TO CURRICULUM/RESEARCH/INDUSTRY

This Faculty Development Program strengthens the overall research and education culture by explaining the principles and working of Generative AI models. It showcase the effective prompts for teaching, research, and engineering problem-solving, and develop AI-assisted teaching materials such as lecture notes, PPTs, and question banks. This program also serves as a vital link between academia and industry by incorporating practical insights and real-world perspectives shared by industry experts, thereby aligning academic learning with current industry practices and expectations.

KEY HIGHLIGHTS OF THE FDP

- Comprehensive coverage of Generative AI, Prompt Engineering, and SLMs & LLMs
- Hands-on demonstrations of GenAI tools and real-world LLM use cases
- Focused sessions on research automation, scientific writing, and academic workflows
- Insights into LLM architecture, training pipelines, ethics, and policy frameworks
- Expert sessions by academicians and industry professionals from reputed institutions
- Panel discussion on opportunities, risks, and the future of Generative AI in higher education
- Blended online-offline program designed to enhance teaching, research, and administrative efficiency

TARGET AUDIENCE

- Faculty members
- Research scholars
- Industry professionals

REGISTRATION

Link: <https://forms.gle/Vc1gAC9tc6fVQRHV7>



Registration is completely free !!
Invest your time, not your money!

Chief Patron

Er. Bhikhubhai B. Patel,
President, CVMU & Chairman, CVM

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