



IEEE Pune Section

One Week

**National Level
Faculty Development Programme on
“Generative AI and Large Language
Models: Concepts, Tools & Applications”**

in association with **IEEE Pune**

Dec 15th to 19th, 2025



**Organized by
Shalaka Foundation's**

Keystone School of Engineering, Pune

Approved by AICTE & Affiliated to Pune University

Accredited with “A” Grade by NAAC

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Founder Director, KSE, Pune

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Mr. Ankit Lunavat, Director, KSE, Pune
Dr. Sandeep U. Kadam, Principal, KSE, Pune

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Prof. Tushar Shinde, Head of Engineering Science Department, KSE, Pune

CO-ORDINATOR :

Prof. Shafiya Sayyed, AI&DS Department, KSE, Pune
Email-id: shafiya.sayyed@keystonesoe.in
Contact No.: 9325246592

ORGANIZING COMMITTEE :

Dr. Sonali Shirke, AI&DS Department, KSE, Pune
Prof. Mukul Jagtap, AI&DS Department, KSE, Pune
Prof. Nagnath Dolare, AI&DS Department, KSE, Pune
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ABOUT INSTITUTE :

Keystone School of Engineering, located in Pune, is a premier institution known for its dedication to excellence in engineering education accredited with "A" grade by National Assessment and Accreditation Council, approved by AICTE, New Delhi, DTE Maharashtra and affiliated Savitribai Phule Pune University . Established with a vision to nurture future leaders in the field of engineering, Keystone stands out for its rigorous academic programs, state-of-the-art facilities, and commitment to holistic development. One of the distinguishing features of Keystone School of Engineering is its faculty. Comprised of seasoned educators and industry experts, the faculty brings a wealth of knowledge and experience to the classroom. They not only impart theoretical knowledge but also provide practical insights derived from real-world scenarios, ensuring that students are well-prepared to tackle the challenges of the professional world.

RESOURCE PERSON :

Session will be handled by Eminent Researchers and Industry Experts.



Name : Dr. Parikshit N. Mahalle
Dean, Academics, Professor, Department of AI & DS, Vishwakarma Institute of Technology, Pune



Name : Dr. Deepak T. Mane
Professor & Assistant Head Admin, Computer Engineering, Vishwakarma Institute of Technology Pune



Name : Mr. Yameen Liyakat Hakim
Data Scientist & Corporate Trainer, Maersk Pune



Name : Mr. Yogesh P. Murumkar
CEO & Corporate Trainer, Bharat Software Solutions



Name : Mr. Rajesh Pandhare
Tech Lead - AI/ML, Kanaka Software

ABOUT FDP :

The Faculty Development Program on “Generative AI and Large Language Models: Concepts, Tools & Applications” aims to provide faculty with a strong foundation in modern AI. It covers the fundamentals of Generative AI, the architecture and functioning of LLMs, and their real-world applications. The program offers exposure to advanced tools, platforms, and hands-on practices used in academia and industry, enabling faculty to integrate AI into teaching, research, and project work. Overall, it builds the competencies needed to guide students in emerging AI technologies and promote innovation within the institution.

OBJECTIVES OF FDP :

- To introduce the core concepts and evolution of Generative AI and LLMs.
- To provide hands-on exposure to major AI tools and platforms.
- To familiarize participants with LLM architecture, prompt engineering, and model usage.
- To build faculty skills for applying Generative AI in teaching, research, and problem-solving.
- To explore real-world applications of LLMs across education, engineering, data science, and industry.
- To promote innovative project ideas and research in AI-driven technologies

FDP SCHEDULE:

Day	Topic
Day 1 15/12/2025	Foundations of Generative AI & LLMs
Day 2 16/12/2025	Transformer Models & Prompt Engineering
Day 3 17/12/2025	Tools, Frameworks & Hands-on Model Usage
Day 4 18/12/2025	Fine-Tuning & Customizing LLMs
Day 5 19/12/2025	Applications, Research Directions & Academic Integration

ELIGIBILITY CRITERIA:

Any Faculty members working in University /Institute /Engineering colleges can participate.

REGISTRATION

- No Registration Fee.
- Mode of FDP: **Online** (Link will be provided to your registered Mail Id)
- E-Certificate will be provided for all the participants upon the successful completion of the program.
- Participation certificates will be issued to the candidates who attend the Programme in full(80% participation attendance) .

REGISTRATION LINK :

<https://forms.gle/t7ApHGX93JvYwsA3>

CONTACT DETAILS :

Prof. Shafiya Sayyed
Mobile No. : 9325246592

Email :
shafiya.sayyed@keystonesoe.in
Mobile No.: 9325246592

Scan to register

