



Faculty Development Programme (FDP) on

"Emerging Frontiers: Data Analytics, Generative AI, and Machine Learning"

May 06, 2024-May 10, 2024

Organized by

SVKM's NMIMS, MPSTME, Shirpur Campus

About SVKM'S NMIMS

NMIMS, established in the year 1981 now stands as a large, imposing Institution (Deemed to be University) with 17 specialized schools. More than 17000 students and about 750 full-time faculty members. The consistent academic quality, research focus, faculty from top national and global institutes and strong industry linkages at NMIMS have placed it amongst the nation's prime centers of educational excellence and research today. The Shirpur Campus of NMIMS has wholly materialized the university's vision to be a vibrant and innovative center of education. It is equipped with world-class infrastructure with an access to repositories of knowledge across the world.

About the FDP:

In the era of rapid technological advancements, data analytics, generative artificial intelligence (AI), and machine learning have emerged as transformative forces across various sectors. To equip faculty members with the latest tools and techniques in these domains and foster innovation in teaching, research, and professional practice, a comprehensive five-day Faculty Development Program (FDP) on "Emerging Frontiers: Data Analytics, Generative AI, and Machine Learning" is being organized.

Objectives:

The primary objectives of this faculty development programme are:

- To provide faculty members with an in-depth understanding of emerging trends

and applications in data analytics, generative AI, and machine learning.

- To equip participants with practical skills and tools to leverage data analytics and AI techniques for teaching, research, and industry collaborations.
- To foster interdisciplinary collaboration and knowledge exchange among faculty members from diverse academic backgrounds.
- To empower faculty members to integrate data analytics, generative AI, and machine learning concepts into their curriculum and research projects.

Expected Outcomes:

Upon completion of the faculty development programme, participants will:

- Gain a comprehensive understanding of emerging trends and applications in data analytics, generative AI, and machine learning.
- Acquire practical skills and tools to leverage data analytics and AI techniques for teaching, research, and industry collaborations.
- Foster interdisciplinary collaboration and knowledge exchange among faculty members from diverse academic backgrounds.
- Feel empowered to integrate data analytics, generative AI, and machine learning concepts into their curriculum and research projects.

Topics to be covered:

- Foundations of Data Analytics



- Introduction and applications of Machine Learning
- Advanced Topics in Machine Learning
- Generative Artificial Intelligence
- Industry perspective and case studies
- Software Tools and Languages such as Python/R/ SAS/ Tableau or Power BI
- An overview of No Code Machine Learning

Resource Persons:

Experienced professionals from Industry and Academia with expertise in data analytics, Generative AI and machine learning.

Registration Details:

Please fill the online registration form by clicking on the following link:

<https://tinyurl.com/fdpmpstme>



Registration Fee:

- Rs. 1,000/- + 18% GST Rs. 180/- = Total Rs. 1,180/- including GST (External Participants)
- Rs. 500/- (Internal Participants- NMIMS, Shirpur Campus)
- This fee includes lunch and tea.
- Accommodation will be provided on extra payment basis to the external participants on prior request.
- Participants need to pay the Registration Fee Online using the following details:

Online payment: Through NEFT / RTGS / fund transfer to account as per details given below:

- **Beneficiary Name:** SVKM's NMIMS
- **Bank Name:** HDFC Bank Ltd
- **Account No.:** 13871450000032

- **Branch Name & Address:** C.S. #3893, A, Main Road, Mukesh Bhai Patel Complex, Dist. Dhule, Shirpur-425405, Maharashtra, India.
- **RTGS/NEFT/IFS Code :** HDFC0001387
- **MICR Code :** 425240052

You need to upload the payment receipt while filling the registration form.

The deadline for [registration is May 02, 2024.](#)

Eligibility and Prerequisites:

The FDP is open to faculty members/Research Scholars from any background.

Selection Criteria: Selection will be done based on **first-come-first-serve** basis to a **maximum number of 50 (fifty).**

The participant should have:

- Basic understanding of programming concepts (preferably in Python).
- Interest in data analytics and machine learning.
- Willingness to actively participate in hands-on exercises and discussions.

Venue and Mode:

- **Mode:** Offline
- **Venue:** SVKM's NMIMS, MPSTME Shirpur Campus

Contact Information:

For more enquiries about FDP, please contact:

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