



VIKRANT UNIVERSITY, GWALIOR

School of Engineering & Technology

Workshop Report

on

“AI-Powered Teaching & Learning: Transforming Higher Education Across Disciplines”

The Department of Computer Science and Engineering, Vikrant University, Gwalior, organized a workshop titled “AI-Powered Teaching & Learning: Transforming Higher Education Across Disciplines” on 26/02/2026. The workshop was conducted under the Memorandum of Understanding (MoU) with TechnoBit Solutions, Boston, USA, with the objective of empowering faculty members with Artificial Intelligence tools and strategies for modern teaching, research, and academic innovation. A total of 72 faculty members from various schools of the university actively participated in the workshop. The expert sessions were delivered by distinguished industry professionals including Dr. Sumit Maheshwari, Software Engineer at Microsoft Corporation, USA, and Co-Founder of TechX, along with Mr. Sanjeev Tripathi, Partner at TechnoBit Solutions Inc., Boston, USA, who played a crucial role in organizing and facilitating the workshop. The initiative aimed to integrate AI across multiple disciplines and promote technology-enabled education aligned with global academic standards.

Academic Year	2025-2026
Activity Driven By	Department of Computer Science and Engineering, Vikrant University, Gwalior
Quarter	3rd
Activity Name	Workshop on “AI-Powered Teaching & Learning: Transforming Higher Education Across Disciplines”
Program Theme	Integration of Artificial Intelligence in Teaching, Learning, Research, and Academic Administration for multidisciplinary higher education.
Program Starts Date	26/02/2026
Program Ending Date	26/02/2026
Number of participants	72 Faculty Members
Mode of Delivery	Online
Objectives	<ul style="list-style-type: none">• To familiarize faculty members with Artificial Intelligence tools and their applications in higher education.• To enhance teaching methodologies through AI-enabled content creation, assessment, and student engagement strategies.• To promote interdisciplinary research using AI technologies.• To develop awareness about ethical and responsible use of AI in academics and administration.



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Benefits in terms of learning/skill/knowledge development	<ul style="list-style-type: none">• Improved understanding of AI tools for teaching, research, and academic productivity.• Hands-on exposure to prompt engineering and AI-assisted content development.• Enhanced digital teaching skills and technology-enabled classroom practices.• Development of innovative research approaches using AI platforms.• Strengthened capacity for outcome-based and student-centric learning methods.
Program Coordinator	Dr. Anand Singh Bisen, Director, Vikrant University, Gwalior

Overall Report of the Activity

Date: 26th February, 2026

Subject: Workshop on “AI-Powered Teaching & Learning: Transforming Higher Education Across Disciplines”

Introduction:

The Department of Computer Science and Engineering, Vikrant University, Gwalior, organized a one-day workshop titled “AI-Powered Teaching & Learning: Transforming Higher Education Across Disciplines” on 26 February 2026 with the objective of fostering the effective integration of Artificial Intelligence into academic practices. Conducted under the Memorandum of Understanding (MoU) with TechnoBit Solutions, Boston, USA, the workshop aimed to strengthen faculty competencies in AI-enabled pedagogy, research innovation, and technology-driven academic transformation. Faculty members representing various schools of the University actively participated in the program, reflecting a collective commitment towards adopting emerging technologies, promoting interdisciplinary collaboration, and aligning higher education practices with evolving global academic standards.

Participants:

A total of 72 participants, including Deans, Heads of Departments, and faculty members from all schools of Vikrant University, actively participated in the workshop. The representation reflected strong interdisciplinary engagement across the University.

Description:

The workshop was conducted with the valuable collaboration of TechnoBit, USA, and the significant support of Mr. Sanjeev Tripathi. The program commenced with a welcome address delivered by Dr. Atul Kumar, Pro Vice Chancellor, Vikrant University. The expert sessions were delivered by distinguished industry professionals including Dr. Sumit Maheshwari, Software Engineer at Microsoft Corporation, USA, and Co-Founder of TechX, along with Mr. Sanjeev Tripathi, Partner at TeknoBit Solutions Inc., Boston, USA.

Faculty members actively interacted with the experts during the discussion session. Prior to the workshop, all participants completed a QR-based survey, and the collected data was analyzed by the university’s survey expert team to understand faculty expectations and learning outcomes.



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Outcome of the Activity:

- The workshop provided valuable practical exposure to faculty members through highly interactive sessions focused on the effective integration of Artificial Intelligence in teaching and academic practices.
- Participants gained a clear understanding of “what AI actually is” and its future role in education through the concept of “High-Tech with High-Touch” learning.
- The session strengthened awareness of Outcome Based Education (OBE) practices, improved CO-PO mapping strategies, and introduced prompt engineering techniques for effective AI usage.
- Faculty members also learned about Ethical citation practices, AI-assisted academic content development, and the application of OmniFlow AI tools to enhance research, teaching efficiency, and interdisciplinary innovation.

Conclusion:

The workshop proved to be a highly enriching and impactful academic initiative. It successfully promoted AI-enabled teaching and learning practices while supporting Vikrant University’s vision of “Leadership Through Learning.” The program strengthened academia–industry collaboration and inspired faculty members to adopt emerging technologies for transforming higher education.

Posters of the workshop:

The poster is for a workshop titled "AI-Powered Teaching & Learning: Transforming Higher Education Across Disciplines". It is organized by Vikrant University, Gwalior. The workshop is led by two speakers: Dr. Sumit Maheshwari, a Software Engineer at Microsoft Corporation, USA, and Co-Founder of TestX; and Mr. Sanjeev Tripathi, a Partner at Teknobli Solutions Inc., Boston, USA. The event is scheduled for February 26, 2026, at 4:30 PM, in the Central Computer Lab at Vikrant University, Gwalior (M.P.) India. The website www.vikrantuniversity.ac.in is provided at the bottom.

Vikrant University
GWALIOR

WORKSHOP

on
**AI-Powered Teaching & Learning:
Transforming Higher Education Across Disciplines**

by

Dr. Sumit Maheshwari
Software Engineer
Microsoft Corporation, US
and Co-Founder of TestX

Mr. Sanjeev Tripathi
Partner, Teknobli Solutions Inc.,
Boston USA

February 26, 2026 | Time : 4:30 PM.
Venue: Central Computer Lab, Vikrant University, Gwalior (M.P.) India

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Glimpses of the workshop:





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