Centre for Teaching, Learning & Development

BMU
BML Munjal University
A Hero GROUP INITIATIVE

Association of Indian Universities

SOET
SCHOOL OF ENGINEERING AND TECHNOLOGY

FACULTY DEVELOPMENT PROGRAMME (FDP) ON

NO-CODE AR/VR AND AI FOR ENGINEERS

(HYBRID MODE)

03rd November - 07th November 2025
BML Munjal University, Gurugram

About the Programme

The **Centre for Teaching, Learning and Development (CTLD)** and **School of Engineering & Technology (SOET), BML Munjal University, in association** with the **Association of Indian Universities (AIU),** under the **AIU–BML Munjal University Academic and Administrative Development Centre,** are organizing a **5-day Faculty Development Programme (FDP)** from **3rd November to 7th November 2025** in **Hybrid Mode.**

The FDP will demonstrate how immersive and AI-driven simulations can enhance teaching effectiveness in higher education, improve research visualization for complex engineering problems, and strengthen collaboration with industry in the domains of smart cities, infrastructure planning, manufacturing, and sustainable design.
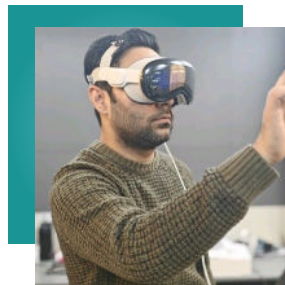
Participants will explore real-world applications such as AI-powered traffic management visualizations, intelligent building simulations, and AR-based equipment training. They will gain hands-on experience in developing interactive content that can be directly integrated into their teaching and research workflows.

By the end of the FDP, participants will be able to use low-code/no-code AR/VR platforms to create interactive learning modules, integrate AI components such as predictive analytics, computer vision, and conversational agents into immersive experiences, apply AR/VR in curriculum delivery, lab simulations, and smart city modeling, develop projects aligned with higher education teaching and research objectives, and collaborate across engineering disciplines using immersive and AI tools.

Resource Persons

Yogendra Kumar
Founder & Evangelist
E9ogral Technologies Pvt. Ltd.

Sachin Giri
Senior AR/VR Visualizer
Simulanis Solutions Pvt. Ltd.

Muskan Chhetri
Senior 3D Modeller & Animator
Simulanis Solutions Pvt. Ltd.

BML MUNJAL UNIVERSITY
Faculty Development Programme (FDP) ON
"No-Code AR/VR and AI for Engineers: Transforming Higher Education from Classrooms to Smart Cities"
Hybrid (Online + Offline)

Programme Schedule

Day	Description	Details	Outcome
Day 1 03rd Nov. 2025 (Online)	Introduction to AR/VR and AI in Higher Education	Overview of immersive technologies and AI's role in higher education; Use cases in Mechanical, Civil, and Electrical Engineering; Introduction to a no-code AR/VR platform	Participants create their first interactive AR object
Day 2 04th Nov. 2025 (Offline)	Starting Development of the AR, VR and AI	Building 3D scenes for engineering concepts; Embedding multimedia, annotations, and interactivity; Creating a virtual lab or smart infrastructure model	Functional prototype relevant to participants' disciplines
Day 3 05th Nov. 2025 (Online)	Development of Application using AR and AI	Basics of AI in AR/VR; Linking content with AI datasets/APIs; Adding AI-driven features	AI-enabled immersive learning scenario
Day 4 06th Nov. 2025 (Online)	Development of VR Using Headset	Designing curriculum modules; Research visualization projects; Creating cross-disciplinary projects	Ready-to-use classroom/research content
Day 5 07th Nov. 2025 (Offline)	Overall showcase and a bit development.	Project refinement and peer feedback.	FDP project portfolio with AI-enhanced AR/VR modules

Programme Coordinators: Dr. Kiran Khatter, Professor, School of Engineering and Technology
Dr. Devanjali Relan, Professor, School of Engineering and Technology
Dr. Meenakshi Malik, Assistant Professor, School of Engineering and Technology
Dr. Nikhil Kumar, Assistant Professor, School of Engineering and Technology

Registration Fee: ₹ 2000/-

Scan to Register

For more information, contact:

👤 **Mr. Digvijay Singh,** Event Support Coordinator

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