



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Title : AR & VR Technologies for Engineering with Hands-on

Date : 2026-03-06 - 2026-03-06

Time : 10:00 - 17:30

Venue : TT 501

Event Outcome

- This Faculty Development Programme (FDP) focuses on leveraging immersive Augmented Reality (AR) and Virtual Reality (VR) technologies to strengthen the Industry 4.0 ecosystem.



Resource Person 1 - Details

Name : Rameshkumar K

Designation : Senior Technical Consultant, TLCE

University/ Company : Trendsetters Infoservices, Bangalore

Address : India, 560091.

Resource Person's Profile :

1. Profile of Rameshkumar K

Rameshkumar Kalimuthu is a seasoned professional with extensive experience in training management, XR technologies, and game development. Currently serving as a Sr. Technical Consultant at TSI (part of ARK), he leads a team in delivering various training and success assurance programs, focusing on advanced topics such as Digital Twin, IIoT, and Industry 4.0. He developed immersive educational content and integrated XR technologies into various educational settings.

During the sessions topics covered will be the fundamentals of immersive technology development, focusing on hands-on introduction to Augmented Reality (AR) and Virtual Reality (VR) using Unity 3D. The sessions will emphasize practical understanding of 3D environments, real-time interaction, and application development workflows, guiding participants from basic concepts to building functional AR and VR applications. It will introduce essential tools, SDKs, and deployment techniques, enabling learners to create simple virtual environments and marker-based AR experiences.

Entity Unity Editor (LTS version)- evaluation

Coordinator's: **Prof. ELIZABETH RUFUS 10117 - Professor Higher Academic Grade - SENSE**
Prof. SATHYA P 11837 - Associate Professor Sr. - SENSE