

VIDYALANKAR INSTITUTE OF TECHNOLOGY

Approved by AICTE & DTE (Maharashtra), Autonomous Institute affiliated to
University of Mumbai.

Accredited 'A+' Grade by NAAC | All B. Tech Programs NBA Accredited
Vidyalankar College Marg, Wadala (East), Mumbai – 400 037

In Association with

AICTE, New Delhi | ATAL Academy



AICTE TRAINING AND LEARNING (ATAL) ACADEMY

Organises

FACULTY DEVELOPMENT PROGRAM

on

**DESIGN AND DEVELOPMENT OF AR/VR APPLICATIONS USING
MODERN FRAMEWORK**

14.12.2026

to

19.12.2026

Time: 09:30 AM – 05:30 PM

Organized by

**Department of Information
Technology (NBA Accredited)**

Mode: Offline

Duration: 6 Days

**Venue: Department of Information Technology,
Vidyalankar Institute of Technology, Wadala (East), Mumbai**

About Vidyalankar Institute of Technology, Mumbai

VIT is an 'A' grade engineering degree college approved by the AICTE, DTE (Maharashtra), and affiliated to the University of Mumbai. Incepted in the year 1999, the Institute has steadily gained recognition and today attracts top talent. Since A.Y. 2022-23 the Institute has received autonomous status. VIT conducts B.Tech programs in Electronics and Computer Science, Electronics and Telecommunication Engineering, Computer Engineering, Information Technology Engineering and Biomedical Engineering, M.Tech programs in Electronics and Telecommunication Engineering and Computer Engineering, in addition to Master's in Management Studies and a doctoral program (Ph.D.) in Computer Engineering.

Our vision is to provide an educational environment based on ethics, discipline and knowledge. The Institute is accredited 'A+' grade by NAAC and all B.Tech programs have received NBA accreditation. The infrastructure at the Institute won the Design Share 2007 Award. We aim to create industry-ready professionals, research scholars and proficient entrepreneurs by infusing the right blend of technological expertise, professional acumen and social sensitivity in academics.

About Department of Information Technology

(NBA Accredited)

The Department of Information Technology at Vidyalankar Institute of Technology, Mumbai, is NBA-accredited for its undergraduate program and is committed to developing competent, innovative, and socially responsible IT professionals. With experienced faculty specializing in AI, Machine Learning, Data Science, Cybersecurity, Cloud Computing, Software Engineering, and IoT, the Department promotes experiential and outcome-based learning through modern laboratories, industry-oriented projects, internships, and research. Strong industry collaborations, along with workshops, Faculty Development Programs (FDPs), expert lectures, certification programs, and technical events, foster academic excellence, innovation, and industry readiness.

ATAL Academy

ATAL – AICTE Training and Learning Academy – is an initiative of the All India Council for Technical Education (AICTE). It was launched to improve the quality of technical education in India. ATAL builds the capacities of teachers, researchers, and technical staff through short-term Faculty Development Programmes (FDPs) conducted in emerging and relevant domains. Its vision is to empower faculty to achieve goals of Higher Education such as access, equity, and quality, with accountability and affordability. Its mission is to establish ATAL cells in all technical institutions, universities, deemed-to-be universities, and other institutions of technical learning. ATAL supports institutions in fostering research, innovation, and entrepreneurship through structured training, stresses empowering technical teachers and technicians using Information & Communication Technology (ICT), and utilizes the SWAYAM platform and other resources for training delivery.

Preamble

The rapid advancement of Augmented Reality (AR) and Virtual Reality (VR) is transforming education, healthcare, manufacturing, and industrial applications. This Faculty Development Program aims to equip educators and researchers with the knowledge and hands-on skills required to design and develop immersive AR/VR applications using modern frameworks and industry-standard tools. The program brings together distinguished academicians and industry experts to bridge the gap between emerging technologies and academic practice.

About the FDP

- Comprehensive exposure to AR/VR concepts, tools, and modern development frameworks.
- Hands-on sessions on Unity 3D, Vuforia, ARCore, and immersive application development.
- Expert talks on AI, IoT, UI/UX, IPR, and emerging AR/VR applications.
- Industry interaction, research discussions, and an industrial visit for practical insights.

Highlights

- **Expert Sessions** by Industry Leaders and Academicians
- **Hands-on Workshops** on Unity 3D, Vuforia and AR Core
- **Industrial Visit** to an AR/VR Industry for Practical Insights
- **Research & IPR Discussions** Emerging Trends, AI, IoT, Digital Twins and Patents in AR/VR

FDP Contents (Outline)

- Introduction to Augmented Reality (AR) and Virtual Reality (VR).
- AR/VR Hardware, Software Platforms, and Modern Development Frameworks.
- Unity 3D, Vuforia, and ARCore for Immersive Application Development.
- UI/UX Design and Emerging Technologies (AI, IoT, and Digital Twins) in AR/VR.
- Intellectual Property Rights (IPR) and Research Trends in AR/VR.
- Applications of AR/VR in Education, Healthcare, and Industry.
- Industrial Visit to an AR/VR Industry.

Guidelines for Participants

- The FDP is sponsored by AICTE and is free for all participants applying through the AICTE-ATAL portal.
- Participants will be selected on a first-come, first-served basis.
- Faculty members of AICTE approved institutions, Ph.D. and PG scholars, participants from Government and Industry, and staff of the host institution can participate.
- Participants from other cities and states need to take care of their accommodation and travel plans accordingly.

How to Register

- Visit the AICTE-ATAL portal: <https://atalacademy.aicte.gov.in/login>
- Create your account / login as a "Participant" and update your profile.
- Search for the FDP titled **Design and Development of AR/VR Applications using Modern Framework** and enrol yourself.

Important Dates

- FDP Dates: **14th December 2026 to 19th December 2026**,
- 09:30 AM – 05:30 PM (Offline Mode).

Registration Fees

The FDP is sponsored by AICTE and free for all participants applying through the AICTE-ATAL portal.

Certificate

Certificate will be provided to all participants who have minimum attendance and assessment score as prescribed by AICTE-ATAL guidelines.

Organising Secretary

Dr. Rasika Ransing | Dr. Neha Kudu

Organising Team

Department of Information Technology, Wadala, Mumbai.

Resource Persons

Mr. Akshay Rathod Founder & CEO, FireBird VR Pvt. Ltd., Pune	Dr. Ghansham Warke Vice President, FEAST Software Pvt. Ltd.
Dr. Pratap Sanap Head – Digital Transformation and AI, Pratiti Technologies, Pune	Mr. Abhijit Kulkarni Principal Business Consultant, Infosys Pvt. Ltd., Pune
Dr. Ashok Bhansali Dean & Professor, Computer Engg. Applications, GLA University, Uttar Pradesh	Dr. Sangeeta Joshi Principal, Vidyalkar Institute of technology, Wadala
Mr. Sunilkumar Shinde Director, Sun Creattica, Mumbai	Dr. Swati Chopade Head – MCA, VJTI, Mumbai
Mr. Ajit Raul Consultant & Patent Attorney, Bhate and Ponkshe Pvt. Ltd.	Dr. Santosh Tamboli Associate Professor, Information Technology, VIT, Mumbai
Industrial Visit To an AR/VR Industry	Valedictory Session

PATRONS

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