

About the University

Maulana Azad National Urdu University (MANUU) is a Central University established at National Level in 1998 by an act of Parliament to promote and develop the Urdu language and to impart vocational and technical Education in Urdu medium through conventional and distance modes. The Headquarters of the University is situated at an outstanding central location- Gachibowli, Hyderabad, sprawling over 200 acres. The students and staff of the University are drawn from throughout India. They are attracted by its commitment to excellence in quality Urdu education in all disciplines of knowledge.

www.manuu.edu.in

About the FDP

Virtual Reality (VR) is the use of electronic devices fitted with sensors to create an immersive artificial environment. Augmented Reality (AR) is an enhanced version of the real physical world with graphical overlays with not so much of a fully immersive experience.

The Government of India considers AR and VR as thrust areas in emerging technologies which can play a crucial role in planning, product development and problem-solving in the government and industry, alike. The FDP is aimed at providing the participants with a basic understanding of the jargon and concepts behind Augmented Reality and Virtual reality, their architecture, virtual hardware and software, applications, and hands-on training using state of the art tools. This programme also intends to serve as a platform for the participants to exchange ideas and share their experiences in this emerging field.

This FDP is organized under AICTE Training and Learning (ATAL) Academy Program.



ATAL Academy sponsored

Five-Day Online
Faculty Development Programme

On

**Augmented Reality (AR)
and Virtual Reality (VR)**

9th to 13th August 2021

Organized by

**Maulana Azad National Urdu
University Polytechnic,
Hyderabad**

About MANUU Polytechnic, Hyderabad

Polytechnic College, Hyderabad is established in 2008. The objective of MANUU Polytechnic is to churn out technocrats of unparalleled quality and distinct skills who can help advance the nation in technology to immeasurable heights. There are four courses in Diploma in Engineering offered here in the disciplines of Civil Engineering, Computer Science & Engineering, Electronics and Communication Engineering, and Information Technology.

FDP Contents

- Introduction to AR & VR and the difference between the two
- Overview of AR/VR with applications
- Software and hardware requirements of AR and VR
- Challenges in AR and VR
- Working with Unity software
- Hands-on sessions on AR/VR Tools

Eligibility and Registration

- This FDP is interdisciplinary and participants can be faculty members of AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.)/ School Teachers and staff of the host institution.
- Number of participants is limited to 200
- To register, please visit : <https://atalacademy.aicte-india.org/signup>
- There is **No Registration Fee**.
- After registration, please send the scanned copy/ soft copy of the confirmation to ismat@manuu.edu.in
- Participants will be selected on first-come first-serve basis and preference given to those who have not already attended an ATAL FDP
- Selected candidates will be intimated by e-mail

Certificate

- A test/quiz will be conducted at the end of the programme.
- E-Certificates will be issued by ATAL Academy to those participants who attend the program with minimum 80% attendance and score minimum 60% marks in the test.



Important Dates

Last date of Registration: 4th August 2021
Date of intimation by email: 6th August 2021

Contact

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