



PRATHYUSHA ENGINEERING COLLEGE

(AN AUTONOMOUS INSTITUTION)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING organizes

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

Sponsored

ONLINE 6 DAYS FACULTY DEVELOPMENT PROGRAMME ON

IMMERSIVE VIRTUAL REALITY IN NAVIGATING THE FUTURE OF LEARNING

PAVING THE WAY FOR INNOVATION IN INDIA

IMPORTANT DATES:

LAST DATE OF SUBMISSION: 07.12.2024

CONFIRMATION BY PARTICIPANTS: 08.12.2024



09th - 14th DECEMBER 2024

Time: 6 pm to 9 pm

About the Institute

Prathyusha Engineering College (Autonomous) is just 30km away from Chennai on Poonamallee-Thiruvallur Road in spacious and peaceful surroundings of 45-acres of Green lush land. Prathyusha has, within a short span of time, emerged as one of the premier professional institutions. The college maintains high standards of education by engaging highly qualified and experienced faculty members. The college offers 10 UG courses in Engineering and 7 PG courses, and Institutional Research and Development Centres affiliated to Anna University, approved by AICTE and accredited by NBA and NAAC "A" Grade. PEC is well established with various Centers of Excellence and well stocked library containing Indian and International books and journals. College feels proud to produce more university rank holders.

About the Department

The Department of Computer Science and Engineering, thrives to accomplish its vision of developing a team of young dynamic computer science engineers, researchers, future entrepreneurs who are adaptive to respond to the challenges of 21st century. Its progress is growing exponentially in contributing efficient and technically sound students to the corporate world. The department has a team of dynamic, young and dedicated staff, with specialization in wide array of areas. It offers full time courses for UG & PG and centre for Research.

ATAL Academy

ATAL Programme is an initiative by AICTE which aims at empowering faculty to achieve goals of Higher Education such as access, equity and quality. These programs have been designed to fulfill the need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines.

COURSE CONTENT

Immersive Virtual Reality (VR) marks a significant evolution in our interaction with digital spaces, offering a transformative approach to experiencing and engaging with virtual environments. This course offers a comprehensive exploration of VR technologies and their applications, aiming to equip participants with the knowledge and skills needed to harness the power of VR for educational and professional purposes. This course provides a comprehensive exploration of immersive Virtual Reality (VR), covering both fundamental concepts and advanced applications. Participants will begin with an introduction to VR technologies and progress through essential tools and platforms like Unity and Unreal Engine for content creation. Key topics include 3D modeling and animation, interactive VR environments, and UI/UX design. The course also focuses on optimizing VR performance, integrating spatial audio, and ensuring high-quality graphics.

Course Objectives

- Provide a thorough understanding of (VR)immersive Virtual Reality technologies and their applications in educational and professional contexts.
- Equip participants with practical skills in 3D modeling, interactive environment development, and content creation using platforms like Unity and Unreal Engine.

Learning Outcomes

- Gain expertise in developing immersive leading environments using platforms and tools, with a focus on content creation and interaction.
- Develop practical skills in 3D modeling, animation, and UI/UX design, tailored for optimized VR performance and user experience.

GUIDELINES

- No participant fees will be collected
- Faculty/Research Scholars from Universities/ AICTE recognized Institutions are only eligible. Session time will be from 6.00 P.M to 9:30 PM
- Minimum number of participants is 100.
- Eligible participants will be selected based on first come first serve basis and will be intimated by e- mail only.



PRATHYUSHA ENGINEERING COLLEGE

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Chief Patron

Shri. P.Raja Rao
Founder & Chairman



Shri. P Charan Teja
Vice Chairman



Smt. Prathyusha
CEO



Patron

Dr.R.S.Kumar
Principal



Coordinator

Dr.Thamba Meshach W
Associate Professor/HOD
Department of CSE
Years of experience: 23 yrs



Co-coordinator

Ms.Soumya T R
Assistant Professor
Department of CSE
Years of experience: 14 yrs



Resource Persons



Dr.Anand Kumar Subramaniyan
Assistant Professor & IIT Jammu
Years of Exp:15 yrs



Dr.Sanmitra Sarkar
GM Artificial Intelligence
IBM
Years of Exp:20 yrs



Dr.Anup Nandy
Associate Professor & NIT Rourkela
Years of Exp:18 yrs



Dr.Thamba Meshach W
Associate Professor
HOD/CSE , PEC
Years of Exp:23 yrs



Dr.Amudhavel J
Professor
De Montfort University,UK
Years of Exp:25 yrs



Dr.Doreen Robin
Director & CIRF
Years of Exp:20 yrs



Mr. Samuel Tensing
Associate Lecturer
University of Sydney
Yearsof Exp:20 yrs



Mr.Pranay Anumandla
AR/VR Trainer
Just Magic Studio
Years of Exp:12 yrs



Dr. Rajendra Prasad
Associate Professor & IIIT Sri City
Years of Exp:20 yrs



Mr.Tanmay Dikshit
Director & Cyber sanskar
Years of Exp:10 yrs



Dr.Ratnakar Dash
Associate Professor
NIT Rourkela
Years of Exp:21 yrs



Mr.Manikandan A
COO & MDQuality Apps
Solutions
Yearsof Exp:12 yrs

WHO CAN PARTICIPATE?

FACULTY, RESEARCH SCHOLARS AND
PG STUDENTS FROM AICTE
RECOGNIZED INSTITUTIONS.

**No Charge for Registration,
Course and Certification**

For Details:

www.prathyusha.edu.in/ATAL-FDP

ATAL Registration Link:

<https://atalacademy.aicte-india.org/signup>

FDP Pre Registration Link:

<https://forms.gle/obUQ98hRtos3oECs6>

Address for Communication:

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TAMIL NADU

CONTACT DETAILS:

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