



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NBA

PEC/Admin/Circular/2025

Date: 25-06-2025

## CIRCULAR

It is hereby informed to all the students of the Pragati Engineering College that “AR-VR CLUB” is organising an online event “EXTENDED VISION – NAVIGATING XR LANDSCAPE THROUGH AR, VR AND MR” On 26th of June. All the Club Members are informed to participate in this event.

**Activity:** EXTENDED VISION – NAVIGATING XR LANDSCAPE THROUGH AR, VR AND MR

Date: 26/06/2025

Time: 01:30 TO 02:30 PM

### **For Further Details Contact:**

**Faculty In charge:** Mr.A. Avinash

7780135919

Asst prof CSE Dept

**President:** D. Tejo Madhuri

8978456500

Dept. of CSE.

**Vice President:** G. Alekhya

7569367779

Dept of CSE.

8977804471

Dept of CSE.

**Secretary:** J. Hemanjali

### **Student Coordinators:**

G. Vidya Prasanthi (22A31A05D9)

B. Mary grace(23A31A05D3)

M. Ravi Kiran (22A31A05H6)

G.Venkata Kumar(23A31A05A6)

K. Sugnan Raj(23A35A0511)

S. Ali Hussain baba(22A31A05C5)

B. Mahendra Raj (22A31A05A0)

A. Hari Kailash Chowdary (22A31A0528)

PRINCIPAL

### **Copy to:**

- 1) Chairman/All Directors/Vice President for kind information.
- 2) Vice-Principal for kind information.
- 3) All HODs to circulate to staff and students.
- 4) AR- VR CLUB File.
- 5) Office file.



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## Summary:

Total number of students registered	45
Total number of students attended	40



**Pragati**  
Engineering  
College



# PRAGATI ENGINEERING COLLEGE (A)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

AR - VR CLUB CONDUCTING

AN EVENT ON

## EXTENDED VISION – NAVIGATING XR LANDSCAPE THROUGH AR,VR AND MR

*Exclusively for 2023 Batch CSE Students*

HEAD OF THE DEPARTMENT

Dr.D.V.Manjula

FACULTY COORDINATOR

Sri A.Avinash,  
Assoc.prof,CSE Dept

**DATE: 26,JUNE,2025**

**VENUE: MAIN BLOCK**

PRESIDENT OF THE CLUB

D.Tejo Madhuri

VICE-PRESIDENT OF THE CLUB

G.Alekhyia

SECRETARY OF THE CLUB

J.Hemanjali

## ATTENDANCE SHEETS: -

PRAGATI ENGINEERING COLLEGE (A) DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING			
A.Y. 2025-2026			
S. No.	Reg. No.	Name of the Student	Signature
1	23A31A0575	G. Usha Bhargavi	G. Usha Bhargavi
2	23A31A0580	V. Sri Hansika	V. Sri Hansika
3	23A31A0585	L. Aishwarya	L. Aishwarya
4	23A31A0587	B. S. Vaishnavi	B. Vaishnavi
5	23A31A0582	K. Anivalli	K. Anivalli
6	23A31A0598	T. Devika	T. Devika
7	23A31A0570	B. Kaavya Sri	B. Kaavya Sri
8	23A31A0588	N. Neelima	N. Neelima
9	23A31A0573	Ch. Sai Keerthana	Ch. Sai Keerthana
10	23A31A0578	T. Kekiya Satya	T. Kekiya Satya
11	23A31A0590	R. V. D. S. V. Devi	R. V. D. S. V. Devi
12	23A31A0584	K. Pavan	K. Pavan
13	23A31A0580	K. Tejaswini	K. Tejaswini
14	23A31A0590	P. Hansika	P. Hansika
15	23A31A0599	T. Chaitanya	T. Chaitanya
16	23A31A0583	K. Anitha Priya	K. Anitha Priya
17	23A31A0574	D. Asha Jyothi	D. Asha Jyothi
18	23A31A0593	P. Geethika	P. Geethika
19	23A31A0592	P. Amrutha	P. Amrutha
20	23A31A0587	M. Dhatri Chandany	M. Dhatri Chandany
21	23A31A0594	P. Anushi	P. Anushi
22	23A31A0582	G. Nitesh Kumar	G. Nitesh Kumar
23	23A31A0581	M. Tejesh	M. Tejesh
24	23A31A0585	G. S. P. Prasad	G. S. P. Prasad
25	23A31A0500	T. Nagendra	T. Nagendra
26	23A31A0582	P. Abhilash	P. Abhilash
27	23A31A0582	K. Bhaskar Manikanta	K. Bhaskar Manikanta
28	23A31A0581	K. V. Raghavendra	K. V. Raghavendra
29	23A31A0589	G. Praveen Dileep	G. Praveen Dileep
30	23A31A0585	R. Vijay	R. Vijay
31	23A31A0588	N. Sai Chaitanya	N. Sai Chaitanya
32	23A31A0587	G. Sai Abhiram	G. Sai Abhiram
33	24A31A0510	L. Vignesh	L. Vignesh
34	23A31A0586	H. D. Anurath Khan	H. D. Anurath Khan
35	23A31A0581	V. Santosh	V. Santosh
36	24A31A0512	V. Chaitanya	V. Chaitanya
37	24A31A0580	D. Praveen	D. Praveen
38	24A31A0508	G. Praveendra	G. Praveendra

S. No.	Reg. No.	Name of the Student	Signature
39	24A35A0511	M. Girish	M. Girish
40	23A31A0502	B. N. V. Krishna	B. N. V. Krishna
41			
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## **ABOUT RESOURCE PERSONS: -**



**G. ALEKHYA**

22A31A05D8

COMPUTER SCIENCE AND ENGINEERING

SECTION-C



**J. HEMANJALI**

23A31A05E3

COMPUTER SCIENCE AND ENGINEERING

SECTION-C



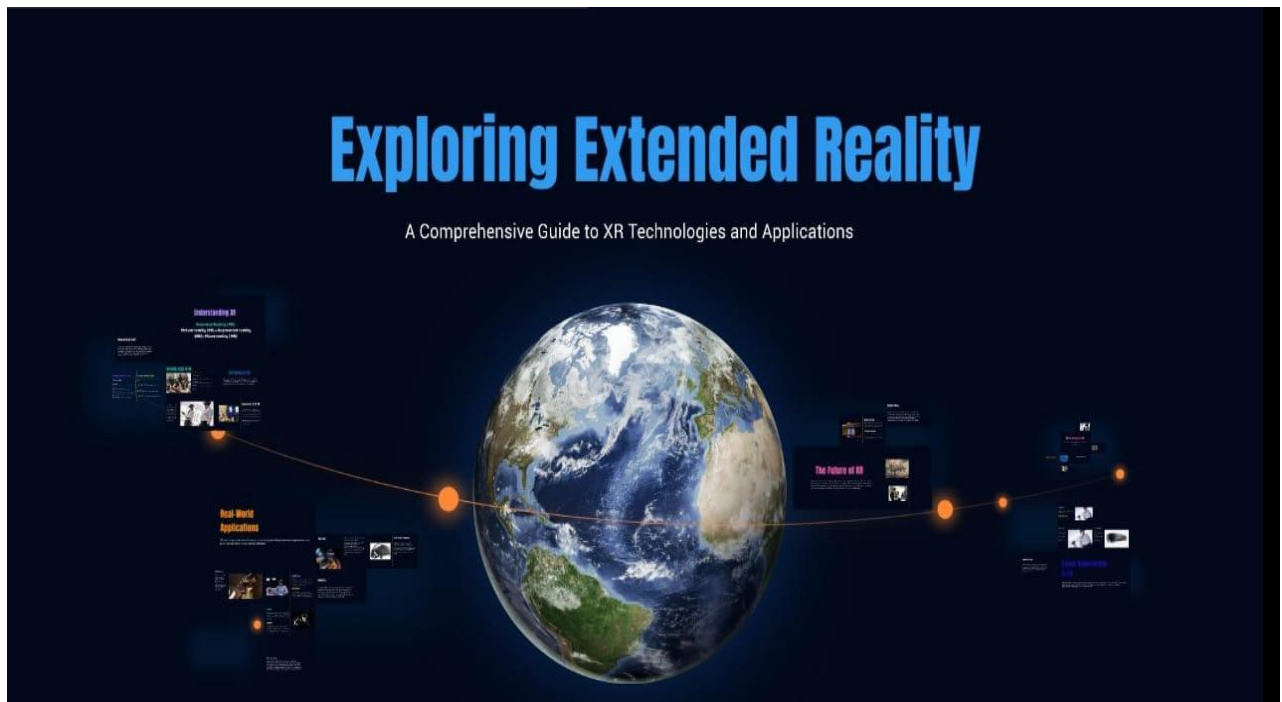
## EVENT PHOTOS:-







**Content covered: -**



A photograph showing a person's hands holding VR controllers, standing in a room. In the background, a large screen displays two 3D models of a human skull, each enclosed in a wireframe box, illustrating a VR application in medical or educational fields.

## Components: VR, AR, MR

VR immerses users in a fully digital environment using devices like headsets.

AR overlays digital information onto the real world viewed through screens or glasses.

MR combines both, allowing interaction with digital and real-world objects simultaneously.



## Healthcare

XR technologies are used in healthcare for virtual surgeries and anatomy visualization. These tools allow medical professionals to practice complex procedures in a risk-free environment, improving training outcomes and patient care.

## Education

In education, XR supports interactive learning experiences with AR-based tools, enhancing student engagement and understanding. Subjects such as chemistry and biology benefit from 3D visualizations of complex concepts, making learning more effective.



## Programming Languages:

### C++

C++ is the primary programming language for Unity, enabling developers to create interactive gameplay mechanics and complex scripts. Learning C++ allows for greater control over game functionality, making it a crucial skill for XR developers in creating seamless experiences.

### Python

Python is versatile and increasingly used in XR development for its simplicity and readability. It is often employed in data analysis, AI algorithms, and scripting, providing a backbone for many XR applications that require complex computations or data-driven insights.

## Feedback: -

S. No.	Reg. No.	Name of the Student	Feed Back
1	23A31A0575	G. Usha Bhargavi	Good
2	23A31A0570	V. Sri Hanu	Good
3	23A31A0585	L. Nishwarya	Good
4	23A31A0576	P. Naimisha	Good
5	23A31A0597	P. Geetha Sri	Good
6	23A31A0567	B. S. V. Lakshmi	Good
7	23A31A0582	H. Arivalli	Good
8	23A31A0598	T. Devika	Good
9	23A31A0570	B. Kanvya Sri	Good
10	23A31A0598	N. Neelima	Good
11	23A31A0573	Ch. Sai Keerthana	Good
12	23A31A0578	T. Lakshmi Satya	Good
13	23A31A0571	B. Tejaswini	Good
14	23A31A0572	Ch. Anurutha	Good
15	23A31A0580	K. Tejaswini	Good
16	23A31A0590	P. Hamsika	Good
17	23A31A0583	K. Manjula Priya	It's more but good
18	23A31A0574	D. Asha Jyothi	Better explanation and good
19	23A31A0593	P. Geethika Divya Satya Gun	Good
20	23A31A0592	P. Anurutha	Nice
21	23A31A0587	M. Dhatri Chandany	Good
22	23A31A0594	P. Anusri	Good
23	23A31A0572	B. N. V. Krishna	Good
24	24A35A0511	M. Arish	Good
25	24A35A0508	G. Ravendra	Good
26	24A35A0502	A. Anurutha	Average
27	24A35A0512	V. Daitanya	Good
28	23A31A05D1	V. Santhosh	Good
29	23A31A05C0	P. Prasad	Good
30	23A41A05C0	Hani Ratnam	Bad
31	23A51A0571	Ratnam King	Average
32	24A35A0510	L. Ushakiran	Good
33	23A31A05A7	G. J. Abhinav	Good
34	23A31A05B8	N. Chaitanya	Good
35	23A31A05A9	G. Praveen Deep	Good
36	23A31A05C5	P. Vijay	Average