



**FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING**  
**Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050**



## VisonARy 2025

**Name of the event:** VISIONARY

**Date of event:** 17<sup>th</sup> April 2025

**Time of event:** 1:30 pm to 2.30 pm

**Location of the event:** 708

**Number of Participants:** 75 Participants

**Name of Speaker:** Prof. Priti Rumao

### **Overview**

The Game Development and Animation (GDA) Council organized a highly engaging and informative session titled "*VISIONARY*", which focused on the rising influence of **Augmented Reality (AR)** and **Virtual Reality (VR)** in today's digital landscape. Held on 17th April 2025, the session was led by **Prof. Priti Rumao**, who brought extensive knowledge and practical insight into these immersive technologies.

With 75 enthusiastic participants in attendance, the event aimed to introduce students to the foundational concepts, industry relevance and real-world applications of AR and VR. The session was designed to spark creativity and curiosity among students about how these technologies can transform user experiences across various domains.

### **1. Introduction to AR & VR**

Prof. Rumao began the session by distinguishing between AR and VR in a clear and interactive manner. Using real-world examples like Pokémon Go to illustrate AR and Beat Saber for VR, she helped students understand how these technologies function and differ in user engagement and hardware requirements.

AR, she explained, enhances the real world by overlaying digital content, while VR creates a completely immersive digital environment. This foundational clarity set the stage for deeper exploration into their applications.

### **2. Industry Applications**

The speaker provided a comprehensive overview of how AR and VR are impacting industries beyond gaming. She highlighted their use in:

- **Education:** Virtual labs, AR-based learning modules and immersive history experiences.
- **Healthcare:** Surgical simulations, phobia treatments and patient education.
- **Military:** Combat simulations and training programs.
- **Tourism:** Virtual heritage tours and AR-enhanced museum exhibits.

The students were particularly fascinated by how these technologies are reshaping how we learn, work, and interact.





**Mumbai, Maharashtra, India**

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### 3. Game Development with AR/VR

Moving deeper into the field of game development, Prof. Rumao discussed the powerful tools used to create AR/VR experiences. She introduced platforms such as:

- **Unity** – A versatile game engine that supports both AR and VR development.
- **Unreal Engine** – Known for high-fidelity graphics and used widely in VR simulation projects.

The session included demonstrations of simple AR scenes built using Unity, showing how camera inputs and object tracking work together to deliver augmented content.

This section motivated many budding developers to explore AR/VR development hands-on, especially within the gaming and animation spheres.

### 4. Q&A Session

The event concluded with a highly interactive **Q&A session**, where students raised questions about development tools, career paths in AR/VR, hardware compatibility and ethical concerns. Prof. Rumao addressed each query in detail, encouraging students to start experimenting with basic AR/VR projects using free tools and open-source resources.

She also shared useful links to tutorials and communities where students could learn and collaborate further.

## **Conclusion**

The *VISIONARY* session proved to be a valuable experience for all attendees. It not only expanded their technical understanding of AR and VR but also opened their eyes to the limitless possibilities in immersive technology.

Participants left the session inspired to explore AR/VR development, integrate it into their academic projects and possibly pursue careers in this rapidly evolving field. The event was a significant step by the GDA Council toward nurturing future-ready tech talent with skills aligned to emerging global trends.

FE ECS Roll No	Name	Sign
✓10536	Manasvi Ghadi	<del>Mghadi</del>
✓10556	Sanchit Nahar	S.
✓10574	Amogh Singh	Asingh
✓10564	Sarisha Reddy	<del>Sr</del>
✓10516	Evan Almeida	Almeida
10532	JOSTAL FERNANDES	<del>JF</del>
✓105144	Priyal Alipally	<del>Priyal</del>
10572	SNOKA SHETTY	<del>SNOKA</del>
10568	Anushka Shete	Almeida
10528	Thea D'Cruz	Thea
✓10527	Bonny Dabre	Babre
10544	Stanic Justin	Justin
10561	Smriti Rai	Smriti
10546	Sharanya Kottan	Sharanya
10554	Rutuja Munde	Rutuja
10545	Kaistina Thomas	Kaistina
10526	Bhoomi Chavan	Bhoomi
10548	Aarya Lad	Aarya
10559	Vedant Patil	Vedant
10573	Samarth Shivare	Samarth
10558	Harsh P. Naik	Harsh P. Naik
✓10517	Obaid Ansari	Obaid
10531	Caleb Fernandes	Caleb
10549	Aaron Job	Aaron
✓10555	Agnel Sagaya	Agnel
10520	Jinish H. Bhat	Jinish H. Bhat
10557	Disha Naik	Disha
10523	Saavi Chamoli	Saavi
10571	Pranay Sharma	Pranay
10560	Anushka Pomwal	Anushka

FE CSE Roll No	Name	Sign
10875	Jovan Quares	<u>Jovan</u>
10992	Prerival Trindade	<u>Prerival</u>
10869	Scarlett Menezes	<u>Scarlett</u>
10868	Shalom Judith Mendes	<u>Shalom</u>
10853	Anvil Fernandes	<u>Anvil</u>
<del>10873</del>	<del>Twisha Patkar</del>	<del>Twisha</del>
<del>10846</del>	<del>Ananya Daithar</del>	<del>Ananya</del>
✓10839	Kavanya Bose	<u>Kavanya</u>
✓10862	Nihat Khan	<u>Nihat</u>
10865	MURVEN LOBO	<u>Murven</u>
10833	TRISHA JOY ALAPPAI	<u>Trisha</u>
✓10866	ZEN LOPEZ	<u>Zen</u>
✓10852	Aditi Grand	<u>Aditi</u>
✓10854	Ken Fernandes	<u>Ken</u>
10891	Yash Tattre	<u>Yash</u>
✓10882	Royce Antony	<u>Royce</u>
10859	Satyam Kantode	<u>Satyam</u>
<del>10863</del>	<del>Aravind Reddy</del>	<del>Aravind</del>
10889	Solomon Israel Sunkavalli	<u>Solomon</u>
✓10881	Prince Rodrigues	<u>Prince</u>
✓10877	Aaradhya Raut	<u>Aaradhya</u>
✓10847	Sania D Cunha	<u>Sania</u>
✓10834	Pearl Bardeskar	<u>Pearl</u>
✓10852	Athen Falcao	<u>Athen</u>
10855	Pierston Fernandes	<u>Pierston</u>
10867	Olivia Mascarenhas	<u>Olivia</u>
10872	Soham Nawath	<u>Soham</u>
10846	Saanvi Desai	<u>Saanvi</u>
10842	Judy Christopher	<u>Judy</u>
X10835	Shreyas Bhosle	<u>Shreyas</u>
<del>10840</del>		

FE CSE

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10890

-10840

Name

om Suryavanshi

Loel Britto

Sign

Om

Loel Britto