



ESOTERIC

THE IT CLUB

(IN PURSUIT OF EXCELLENCE)

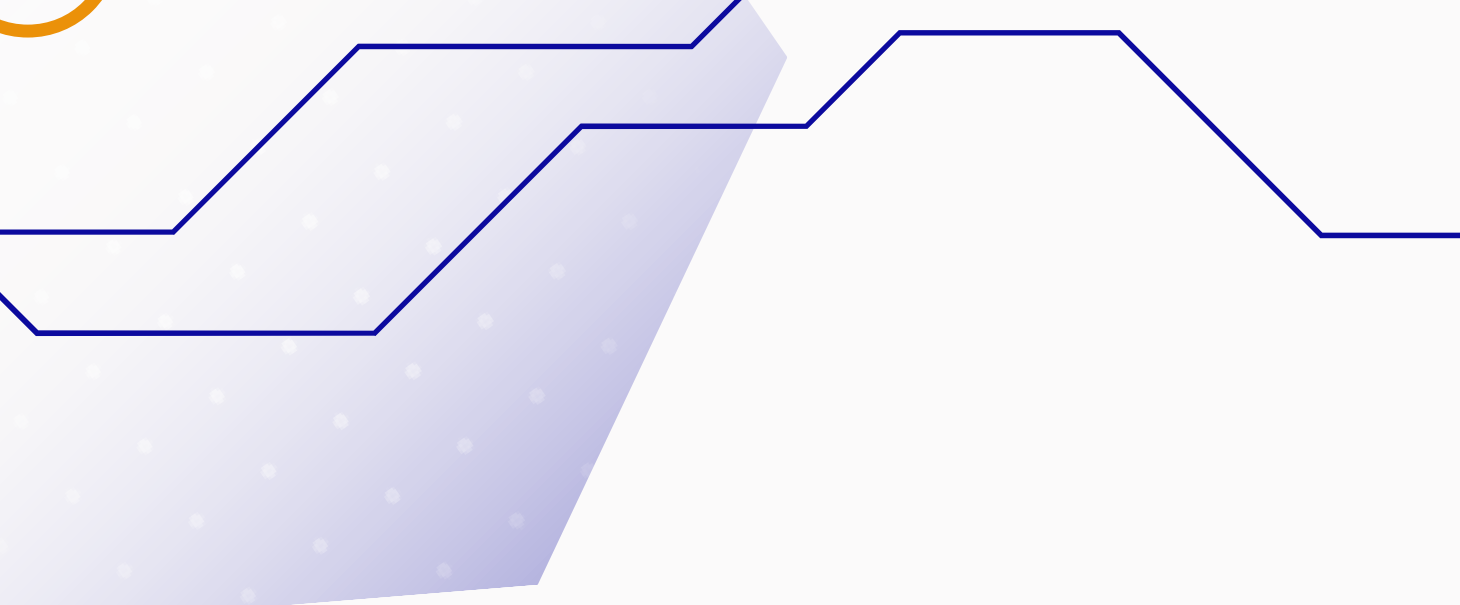


TECHRONICLES

TC003

AR, VR, AND XR INSIGHTS





“AR and VR are going to be a big part of the future, for both entertainment and productivity.”

– **Mark Zuckerberg**



The Future of Immersive Technology

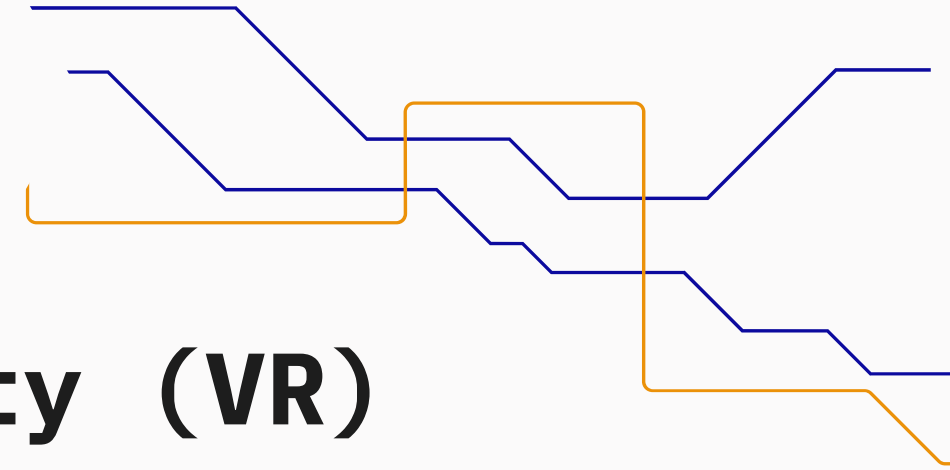
Exploring the World of AR, VR, and XR

Augmented Reality (AR), Virtual Reality (VR), and Extended Reality (XR) are transforming industries, from entertainment and gaming to education and healthcare. These immersive technologies are redefining human-computer interaction, enabling virtual collaboration, training simulations, and more engaging content experiences.

With companies like Jio Tesseract launching cost-effective XR solutions and Zee Entertainment integrating AR into media, India's XR ecosystem is rapidly expanding. As hardware advances and software capabilities improve, the future of XR will likely see deeper integration into everyday life, making it an essential technology to watch.



TERMS OF THE WEEK



01 Augmented Reality (AR)

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02 Virtual Reality (VR)

You can describe the topic of the section here

03 Extended Reality (XR)

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04 Haptic Feedback

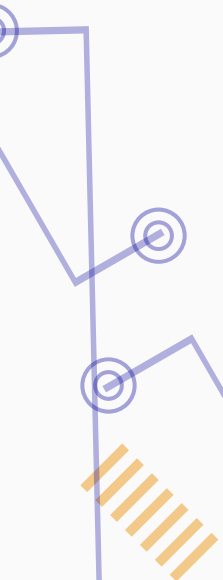
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05 Field of View (FOV)

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06 Spatial Audio

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NEWSFLASH



Jio Tesseract: XR for the Masses

Reliance's subsidiary, Jio Tesseract, is working to bring XR to the general public in India. Recently, they launched Jio Glass, a cost-effective AR/VR headset designed for virtual classrooms, meetings, and interactive entertainment.



Zee 1 Entertainment: Immersive AR Experiences

Zee Entertainment recently launched Zee AR Studio, a platform dedicated to creating AR content for media and entertainment. This venture allows brands to integrate interactive AR elements into campaigns, enhancing viewer engagement.



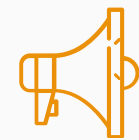
Trending News

Jio Tesseract launches Jio Glass, an affordable AR/VR headset for education and entertainment.



New Tools and Frameworks

Meta and Apple enhance their XR offerings with cutting-edge hardware and software updates.



Industry Insights

Skills in Unity, Unreal Engine, and XR development are in high demand for game development and enterprise applications.



Startups and Innovations:

Indian startups are leveraging blockchain for decentralized finance (DeFi) and NFT marketplaces.

MAKE IT HAPPEN



**Understand the Basics
of AR, VR, and XR**



Start with Free Courses



**Set Up Your Development
Environment**



Hands On Learning

Udacity

Introduction to Virtual Reality – A beginner-friendly course developed with Oculus, covering VR fundamentals.



Coursera

Covers AR/VR development and interaction design principles.



XR Bootcamp

Free Beginner Resources – Offers tutorials and workshops on AR/VR development.



Unity Learn

AR Development Pathway – Hands-on projects to develop AR applications using Unity.



STUDENT CORNER

Tech Quiz: Test Your AR, VR, and XR Knowledge



ProProfs

AR & VR Quiz



Sanfoundry

Virtual Reality
Online Test.



Quizgecko

Augmented Reality
Basics Quiz

Further Reading and Resources

ARPost: Industry news and insights on immersive technology



Road to VR: Latest developments in VR and XR



XR Association: Research and policies on extended reality



Presenters



Thank You

Stay inspired stay connected

Presenters and curators
Amirah
Prathiksha P Rao

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