

# ***EXPLORING with AUGMENTED REALITY (AR)***



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**Virtual reality** means feeling the imaginary (virtual) it is basically an experience taking place within a simulation, which can be similar to or completely different from real world.

An immersive artificial environment that is created with software and presented to the user in such a way that the user suspends belief and accepts it as a real environment.

**Augmented reality (AR)** is a technology that lets people superimpose digital content (images, sounds, text) over real-life scenes.

**Mixed Reality**, it combines the features of virtual and augmented reality and also called Augmento-virtual reality. Mixed reality merges the physical and virtual world including real and computer-generated objects.

# Field in which AR resources are available

- Military
- Healthcare
- Entertainment
- Heritage
- Engineering
- Education
- Fashion

# Hardware Components for AR

It require a processor, sensors display, input devices etc. Since modern smartphones contain all these elements like camera, GPS, accelerometer digital compass etc. making them an excellent choice for AR platform.

# Types of AR

❖ **Marker based**

❖ **Marker less**

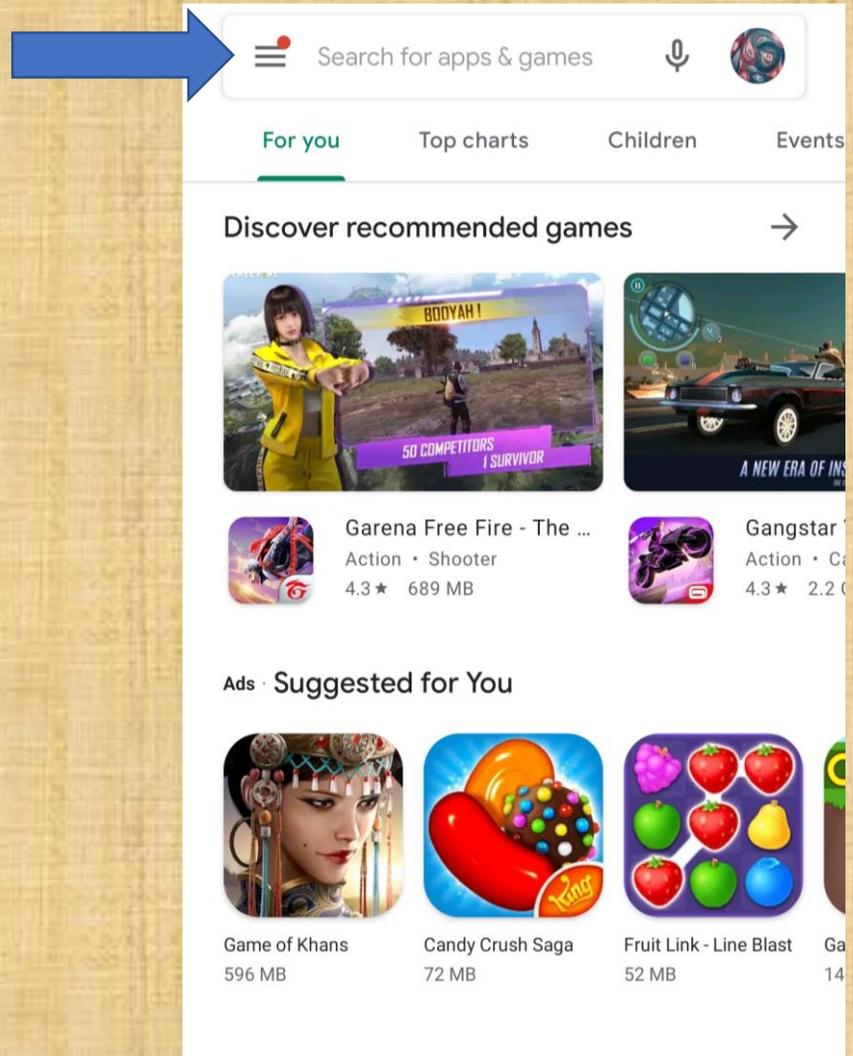
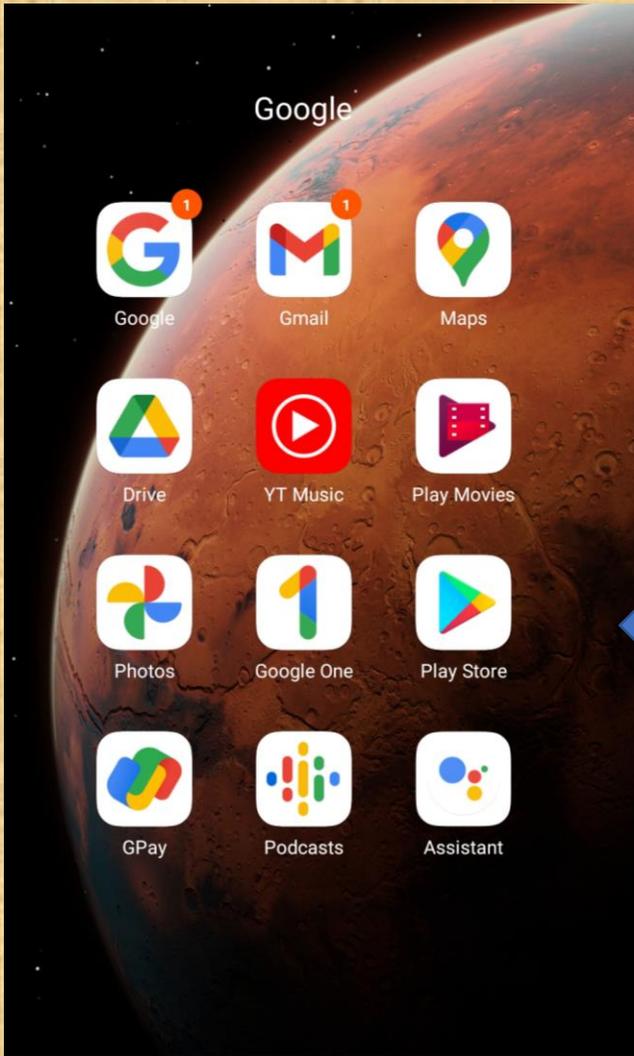
# AR apps

## ePathshala AR



## Arloopa







← epathshalaAR 🔍 🎤

4.0+ ★ | 4.5+ ★ | Editors' Choice | New

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← arloopa 🔍 🎤

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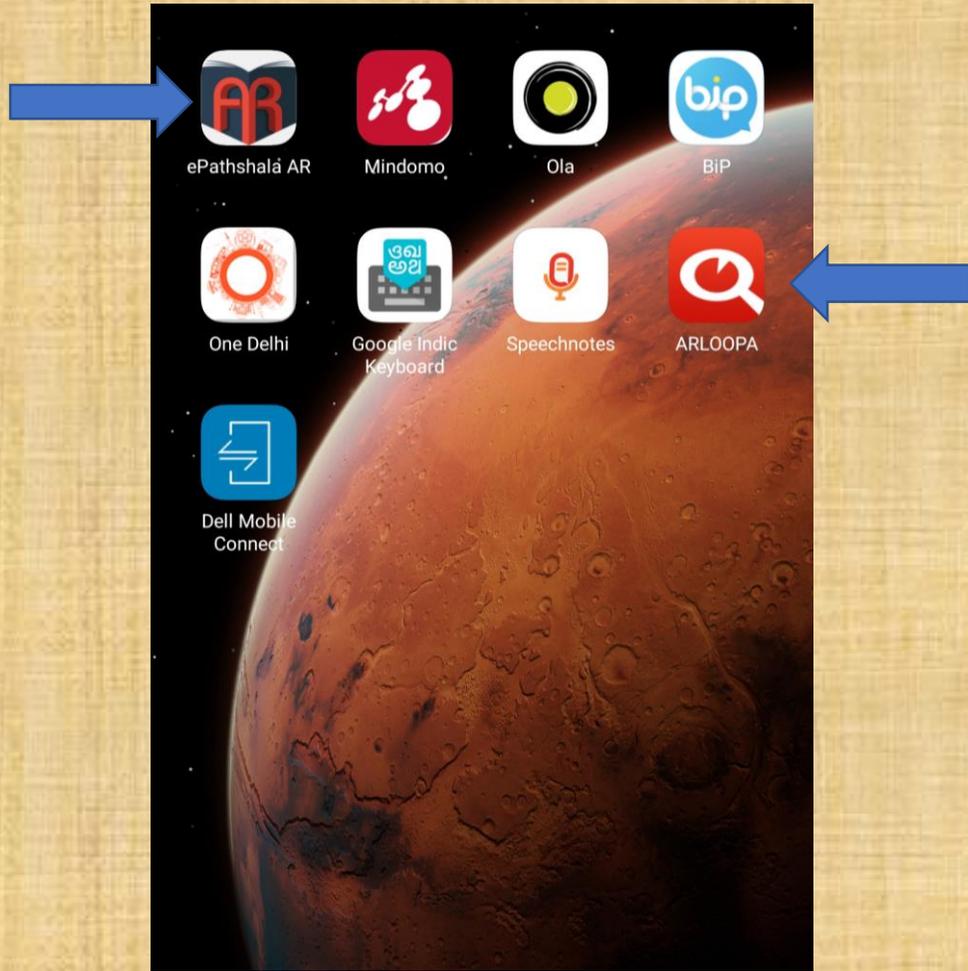
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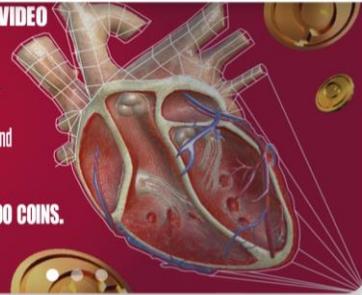


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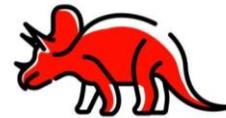
My Models



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**Lets do the demonstration...**

**THANK YOU**