

Internet of Things, Augmented Reality and Virtual Reality

FDP Schedule

(2 January 2023 to 6 January 2023)

Day & Date	Time	Session
Day 1 2 January 2023 (Monday)	8.45 am to 9.15 am	Breakfast and Tea
	9.15 am to 10.00 am	Inauguration of FDP, Inauguration of IoT, AR and VR Laboratory
	10.00 am to 11.15 am	Internet of Things, Start with Augmented Reality
	11.15 am to 11.30 am	Tea
	11.30 am to 1.30 pm	Introduction To AR, Theory of Virtual Buttons
	1.30 pm to 2.00 pm	Lunch
	2.00 pm to 4.00 pm	AR Vs. VR, Real Time AR with IoT product
Day 2 3 January 2023 (Tuesday)	8.45 am to 9.15 am	Breakfast and Tea
	9.15 am to 11.15 am	Real-Time Examples of AR
	11.15 am to 11.30 am	Tea
	11.30 am to 1.30 pm	Marker-based Augmented Reality, Barberian Model
	1.30 pm to 2.00 pm	Lunch
	2.00 pm to 4.00 pm	Introduction to Unity 3D with reference to Augmented Reality
Day 3 4 January 2023 (Wednesday)	8.45 am to 9.15 am	Breakfast and Tea
	9.15 am to 11.15 am	Introduction to Vuforia Engine, Game Physics, Augmented Reality in social media
	11.15 am to 11.30 am	Tea
	11.30 am to 1.30 pm	Integrating Vuforia Engine into Unity 3D, Image Theory, Importing Assets
	1.30 pm to 2.00 pm	Lunch
	2.00 pm to 4.00 pm	Start with Unity, Selecting Models, Applying Animation, Ground Detection
Day 4 5 January 2023 (Thursday)	8.45 am to 9.15 am	Breakfast and Tea
	9.15 am to 11.15 am	VR Environment Design, Controlling devices over cloud
	11.15 am to 11.30 am	Tea
	11.30 am to 1.30 pm	AI in Games, Introduction to lens studio Application, Game Physics
	1.30 pm to 2.00 pm	Lunch
	2.00 pm to 4.00 pm	AR Foundation, AR Hands-on Session
Day 5 6 January 2023 (Friday)	8.45 am to 9.15 am	Breakfast and Tea
	9.15 am to 11.15 am	Tap to Follow Player , Theory of Filters, Snapchat Filters, Instagram Filters
	11.15 am to 11.30 am	Tea
	11.30 am to 1.30 pm	Virtual Reality Hands-on Session
	1.30 pm to 2.00 pm	Lunch
	2.00 pm o 3.15 pm	Oculus Quest-2 (Advance Version) Hands-on Session
	3.15 pm o 4.00 pm	Valedictory function