

eITEC (2023-2024)
Augmented and Virtual Reality

1	Name of the Institute	Centre for Development of Advanced Computing, Mohali
2	Name of the Course	Augmented and Virtual Reality
3	Proposed Dates and Duration of the Course in week	18 -22 September, 2023 01 Week
4	Mode of Training	Online
5	Start date	18 September, 2023
6	End date	22 September, 2023
7	Eligibility Criteria for Participants:	
	A. Educational Qualification	Technical Graduate with basic knowledge of computer programming
	B. Work Experience	As per MEA guidelines
	C. Age Limit	As per MEA guidelines
	D. Target group (Level of participants and target ministry/department etc. may be identified)	Professionals from Government or Private Sector working in IT industry with basic knowledge of programming.
8	Aims & Objectives of the Course	<ul style="list-style-type: none"> • To make the participants understand the concept of Augmented and Virtual Reality. • To develop Augmented Reality applications for real time solutions • To impart knowledge on Unity Platform with AR and VR applications.
9	Content of the Course	<p>The contents of training are as following:</p> <ul style="list-style-type: none"> • Overview of Augmented Reality, Virtual Reality, Mixed and Extended Reality • Unity Installation with development kits • Introduction C# and Game Objects • 2D and 3D Software Designing and Modelling • Overview of Vuforia its Installation • AR development, Overview of A-frame with application development • Game Development • Project work
10	Mode of Evaluation of Performance of the ITEC Participant	viva voce, PPT, case study