

## eITEC (2022-2023)

### SPECIALIZED TRAINING PROGRAMME IN AUGMENTED AND VIRTUAL REALITY

1	Name of the Institute	Centre for Development of Advanced Computing, Mohali
2	Name of the Course	Specialized Training Programme in Augmented and Virtual Reality
3	Proposed Dates and Duration of the Course in week	January 16-20, 2023 (One Week)
4	Mode of Training	Online
5	Start date	January 16, 2023
6	End date	January 20, 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"> <li>• To make the participants understand the concept of Augmented and Virtual Reality.</li> <li>• To develop Augmented Reality applications for real time solutions</li> <li>• To impart knowledge on Unity Platform with AR and VR applications.</li> </ul>
9	Details / Content of the Course (please attach detailed Course Profile)	<p><b>The contents of training are as following:</b></p> <ul style="list-style-type: none"> <li>• Overview of Virtual Reality, Augmented, Mixed and Extended Reality</li> <li>• Overview of Modeling Softwares, Game engines and Software Development Kits</li> <li>• Introduction to Unity</li> <li>• Introduction to Augmented Reality and Virtual Reality along with AR/VR kit.</li> <li>• Assignments</li> </ul>
10	Mode of Evaluation of Performance of the ITEC Participant	viva voce, PPT, case study