

About C-DAC

Centre for Development of Advanced Computing (C-DAC) is a premier R&D organization of the Ministry of Electronics and Information Technology (MeitY), Govt. of India, for carrying out Research and Development in IT, Electronics and associated areas. As an institution for high-end R&D, C-DAC has been at the forefront of the Information Technology revolution, constantly building capacities in emerging/enabling technologies and innovating and leveraging its expertise, caliber, skill sets to develop and deploy IT products and solutions for different sectors of the economy, as per the mandate of its parent, the Ministry of Electronics and Information Technology, Government of India and other stakeholders including funding agencies, collaborators, users and the market-place.

C-DAC, Mohali operates from its own impressive building having a covered area of approximately 4300 sq. mts. The centre is engaged in design and deployment of world class IT and electronics solutions in a number of domains, including the:

- Cyber Security
- Software Technologies
- Health Informatics
- Multilingual Technologies
- Applied Artificial Intelligence
- Augmented / Virtual Reality
- Professional Electronics

Human Computer Interface Division

The Human Computer Interface Division (HCID) of C-DAC Mohali addresses the sociotechnological concerns that are integral to the success of smart governance, which means reaching out to the masses through technology that is accessible in the language of their choice and through highly intuitive interfaces and interaction. HCID aims at designing satisfying interaction between the users and the computer based system applications, be it mobile based, web based, immersive or ubiquitous, using simplified interfaces, speech recognition, information search and visualization, multimedia presentations, and cognitive models of human learning and understanding.



Organized by:

Centre for Development of Advanced Computing (C-DAC)
A-34, Industrial Area, Phase VIII, Sector 72, Mohali, Punjab
www.cdac.in



Faculty Development Program Augmented Reality & Virtual Reality

10-14 February 2020

Sponsored by



AICTE Training And Learning(ATAL) Academy,
New Delhi

Faculty Development Program Augmented Reality & Virtual Reality

Course Objective

Augmented and Virtual Reality is a rapidly evolving field, ready to take on the world in unimaginable ways. It is bound to create an all-pervasive and highly immersive experience, spreading its tentacles in all possible domains, in all possible ways – be it teaching, learning, driving, flying an aircraft, touristic activities, maintenance of machines, or in any field. AR/VR enhances the real-world environment where the objects residing in the real world are augmented by computer-generated perceptual information and where a make-belief world is created when none exists in physical form, depending upon its requirement and purpose.

This course is aimed to provide a platform where researchers can discuss following issues with the experts

- What is Augmented Reality and Virtual Reality
- Real Time applications of AR/VR in different industries
- Understanding the challenges in AR/VR
- Working with Unity software and Vuforia
- About development environment in AR/VR
- Building Mobile Application
- Understanding the HMDs (Head Mounted Display)

Eligibility Criteria

Faculty from engineering colleges, teaching in the areas of Electronics and Communication, and Computer Science Faculty should have basic conceptual knowledge of programming languages preferably C#.

The participants should be nominated by their college Principals i.e., the registration form should be forwarded by their colleges.

Applicants should have at least one year of teaching experience.

Selection Process

The selection of the candidate will be based on the eligibility criteria. The selected candidates will be intimated through e-Mail/ Phone.

Registration Procedure

Applicants can fill the registration form available on the website

www.acsd.ac.in/atalfdp/fdparvr.html.

Filled form with approval from respective Institution Head is to be then emailed to balwinder@cdac.in mentioning subject “Application for Faculty Development Program on Augmented Reality & Virtual Reality”

Important Dates

Last Date for Application: 31 JAN 2020

Course Dates: 10-14 FEB 2020

Organizing Committee

Patron

Dr. Hemant Darbari
Director General, C-DAC

Chairman

Dr. PK Khosla
Executive Director C-DAC Mohali

Convener

Dr. Suneet Madan

Coordinator

Dr. Balwinder Singh

Members

Mr. Rahul Attreja
Ms. Amritpal Kaur
Ms. Himani
Ms. Preetika

Registration Form

Full Name:

(Please fill in block Letters)

Gender: M / F

Designation:

Qualification:

Organization/Institute details:

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City/Town:

Mobile No.:

Email:

Do you need Accommodation?

(Yes/No):