



Council of Architecture Training Program

Augmented and Virtual Reality (AR & VR) Trends, Benefits and Future Prospects in the field of Architecture

Convened by Prof. Jayashree Deshpande, Director, COA-TRC, Pune
Coordinated by Prof. Dipti Shukla, Assistant Professor & Program Coordinator

Venue: School of Design and Architecture, Manipal University-Dubai Campus

From:
29th March to 02nd April 2020
Last date for registration: 10th March 2020

Local Coordinators:

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Preamble:

The program introduces the application of the Augmented Reality (AR) and Virtual Reality (VR) in the design process to efficiently incorporate user experience, identifying and resolving conflicts in real life like settings and saving on costs etc.

It aims to analyse the application of AR and VR in collaborative design for architecture, structural and MEP applications, latest trends in the architecture and civil engineering field with AR and VR tools.

The program further dwells into prospects of 3D and walkthrough technology in architectural and engineering applications which can be directly automated to create AR-VR environments through guided site visits to World's Largest VR Park at Dubai Mall, the AR VR Labs at VISYON Spider Frogs, Dubai and New York University, Abu Dhabi.

List of Speakers :

1. Shujat Mirza - Country Manager Visyon and AR VR Association Chapter President
2. Andres De Juan- Project Lead at VISYON
3. Pere Perez - CEO VISYON
4. Felix Harmood Beck, Assistant Professor of Design, NYU, Abu Dhabi
5. Badal Dixit- CEO PearlQuest
6. Patrick Litchy- Director, Zayed University, Immersive Media Research Cluster
7. Paul Harb- General Manager, Spider Frogs
8. Midhun Das- Software trainer, CADD International

Topics :

- Introduction and the Role of AR VR in the built environment
- Learning from Design Projects through Demo Sessions
- Future of AR VR in the Built Environment
- Application of ARVR in Architectural Academic Projects
- Basics of AR & VR modelling
- Benefits of AR and VR in the Design Industry
- Session on the Virtual Reality training program
- Creating virtual walkthrough model using existing Libraries and real time technology

Registration Process:

Teachers/ architects who wish to register for the training program either under Collaborative Training Program (CTP) or as independent individual may do so by filling up the attached Google form.

Registration fees (Independent individual registration):

Rs. 10,000/- (inclusive of delegate kit, course material and lunch + site visits if scheduled,)

Rs. 15,000/- (inclusive of delegate kit, course material, accommodation on sharing basis, breakfast, lunch & dinner + site visits if scheduled)

Only in case nominated teachers registered for this program under CTP, require provision of accommodation, the facility of accommodation on sharing basis, breakfast and dinner for five days can be availed of by payment of Rs.5,000/- per head by online payment/ bank challan.

Kindly mail back scanned images of the proof of payment together with application form duly authenticated by HOD/Principal on ttpcoatrc.pune@gmail.com, directorcoatrc@gmail.com and allan.lompot@manipaldubai.com, shaghi.nair@manipaldubai.com

Link for Application Form:

<https://goo.gl/forms/wAW12nJKpVKBDGHP1>

Payment link for Online Payment/Bank Challan:

<https://eazypay.icicibank.com/homePage> (Enter Institution Name="COUNCIL OF ARCHITECTURE")

Note: Registration with/without accommodation shall be confirmed on receipt of payment towards the accommodation/registration.

Kindly send the hard copy of registration form and receipt of online payment/bank challan (as applicable) on the following address for the confirmation of participation.

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