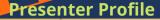
Webinar on

Immersive Visualization for Engineering and Sciences -Concepts and Applications





Farrukh Arif, Ph.D. Associate Professor, Department of Civil Engineering Director, NED University Virtual Reality Center NED University of Engineering & Technology

Dr. Farrukh Arif, Associate Professor, and Director, NED University Virtual Reality Center at NED University of Engineering and Technology, Karachi, Pakistan. Dr. Farrukh's areas of research interests include; automation, infrastructure management, Risk Analysis and Management, Virtual Reality, Augmented reality, Building Information Modeling, legal affairs and dispute resolution in construction, intelligent transportation system, construction cost analysis, heavy construction. Dr. Arif has more than 50 international publications including journal papers conference proceedings publications, edited proceedings, and funded research project reports. His current research works are focused on technology adoption in engineering such as; smart construction progress monitoring, virtual and augmented reality. Dr. Arif is currently working on different R&D projects worth around Rs. 60 million PKR as PI/Co-PI. He has also been honored with 11 honors and awards nationally and internationally by HEC, IEP, ASCE, AACE FIU etc. In the area of immersive visualization, his works include but are not limited to; use of immersive visualization for infrastructure management decision-making and capacity building, immersive visualization for project cost control, virtual reality controlled humanoid environment, car driving simulator VR application for crash simulation, patient simulator etc. Dr. Farrukh Arif is an Associate Professor and also the Director of NED University Virtual Reality Center.

CPD

Participants will receive 0.5 C credit point, (subject to the approval of PEC. Engineers eding certificate will have to pay Rs. 200/= as courier charges.

Organized by



Programme

Joining Webinar 3 to 3: 30 pm Tilawat 3:30-3:35 pm Welcome Address: 3:35-3:40 pm Introduction Speaker: 3:40-3:45 pm Presentation: 3:45-5:05 pm Asr Prayer Break 5:05: 5:15 pm Q/A session 5:15:5:35 pm Closing Remarks: 5:35-5:45 pm Maghrib Prayers: 5:45-6:00 pm Vote of Thanks Tea

on Saturday the 18th December, 2021 3:00- 6:00 pm

> at IEP Council Hall 4th Floor, IEP Building, Opp: Hotel Regent Plaza, Shahrah-e-Faisal, Karachi

Topics

- Introduction to Immersive Visualization
- Types or Immersive Visualization
- Virtual Reality Applications
- Augmented Reality Application
- Way Forward

IEP Karachi is inviting you to a scheduled Zoom on Webinar on Immersive Visualization for Engineering and Sciences - Concepts and Applications Date & Time: Saturday the 18th December at 3:00 pm Karachi Join Zoom Meeting https://us06web.zoom.us/j/82531116405? pwd=V0ZFQjN6c0hPbWkvdnl5VXgxSXIPdz09 Meeting ID: 825 3111 6405 Passcode: 238372

Interested participants who intend to attend the subject Webinar through ZOOM or physically are requested to inform their decision by return email: iepkc1948@gmail.com; main@iepkarachi.org.pk or WhatsApp # 03112277721 latest by Friday the 17th December, 2021 before close of business hours (up-to 6:00 pm) enabling us to make suitable arrangements considering physical distancing under COVID-19 scenario.

No Registration Fees

HYBRID MODE (Physical & Online Through Zoom

Organized by The Institution of Engineers Pakistan , Karachi Centre For further information please contact Engr. Farooq Arbi, Secretary, IEP, Karachi Centre Tel: 021-32780233, 32781492, E-mail: iepkc1948@gmail.com WhatsApp: 0311-2277721