THE CONTINUING PROFESSIONAL DEVELOPMENT CPD-003/2024

DIGITAL TWIN TECHNOLOGY IN THE CONSTRUCTION SECTOR

The Institution of Engineers Sri Lanka Qatar Chapter (IESL-QC) is pleased to announce the successful conclusion of its third Continuing Professional Development (CPD-03-2024) session of 2024, titled "Digital Twin Technology for the Construction Sector". The event, held on August 30th, attracted a wide audience of engineers and industry professionals eager to gain insights and the transformative potential of Digital Twin technology in construction.

The session commenced at 16:00 hrs (Qatar Time) with a warm welcome address by the new Chairman of the IESL Qatar Chapter, CEng. Chandimal Jayakody, who highlighted the importance of Digital Twin Technology in the contemporary world.

Following the welcome address, the resource person of the session, the esteemed CEng. Prasanna Narangoda, a prominent MEP Consultant and Visiting Lecturer with a wealth of experience in Building Services Engineering. CEng. Narangoda's presentation offered participants an in-depth look into Digital Twin technology, covering essential aspects that are reshaping the construction landscape. His presentation included the following key topics:

- ✓ **Understanding Digital Twin Technology and Its Impact on the Construction Industry**
- ✓ **How Digital Twins Work and Key Components Involved**
- ✓ **Real-World Use Cases of Digital Twins in Construction Projects**
- ✓ **Merging Data from Various Sources to Create Accurate Digital Replicas**
- ✓ **Enhancing Project Planning, Monitoring, and Control with Digital Twins**
- ✓ **Q&A Session**

An interactive Q&A session followed the presentation, allowing attendees to engage directly with CEng. Narangoda. The lively exchange of questions and answers further deepened the participants' understanding of Digital Twin technology and its potential to transform the construction sector.

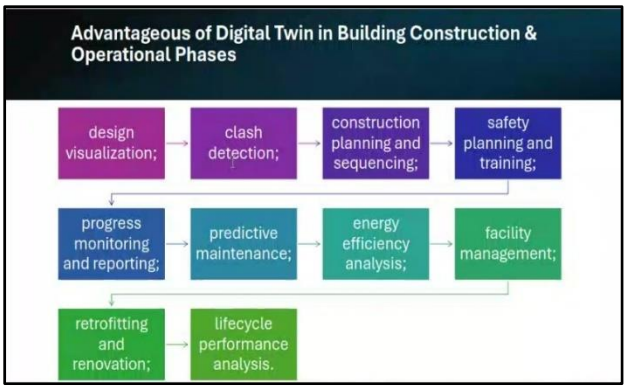
The session concluded with a warm vote of thanks from Eng. Vellaiyapillai Manoj, Secretary of the IESL Qatar Chapter, extending the sincere gratitude to CEng. Prasanna Narangoda for his insightful and engaging presentation, and to the CPD organizing team for their exceptional effort in making this event a success, and also thank all the participants whose enthusiasm and active involvement contributed significantly to the success of the session.

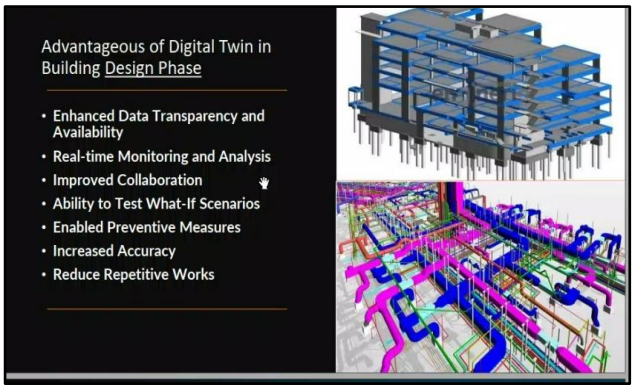
At the end, the participants were asked to fill out the attendance registration form, ensuring their active involvement and certification. The session received positive feedback.

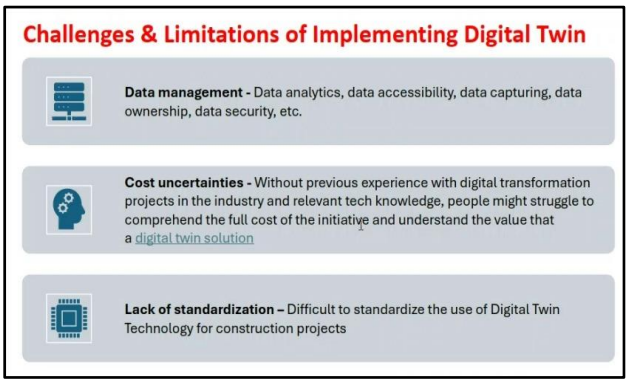
As part of our ongoing commitment to professional development, the IESL Qatar Chapter will continue to offer CPD sessions that address innovative and cutting-edge topics relevant to the engineering community. We look forward to your continued participation in our future events.

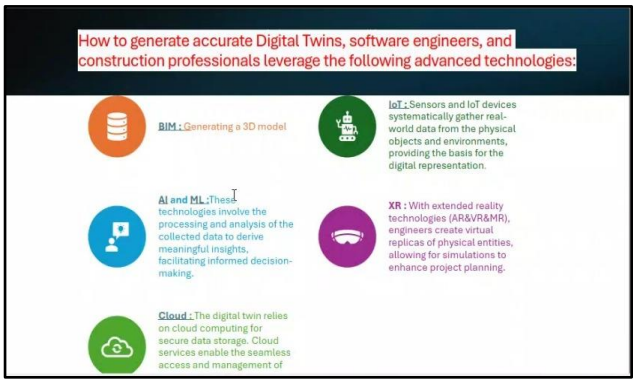
The recorded session has uploaded in the chapter Facebook Page. Follow the attached link for the recording;
IESLQC-CPD-03-2024-Recording
Please note that due to unforeseen technical issues, the first five minutes of the session's video recording were not captured. We apologize for any inconvenience caused.

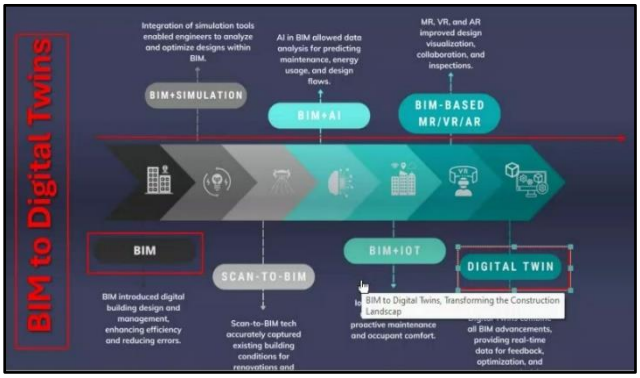
Event Photographs

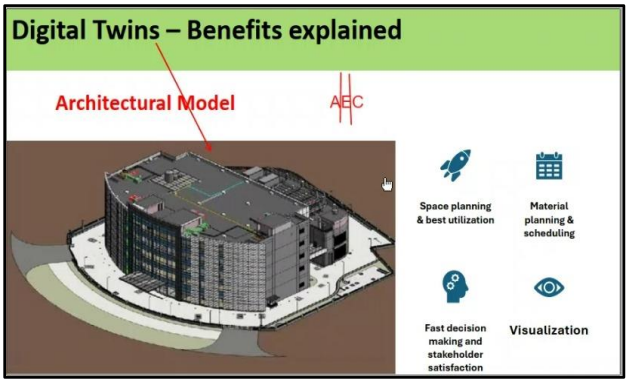












Session flyer