**A Report on** Webinar on the
**"Application of IOT in Civil Engineering"**
**Organized by** in association with
**ASCE INDIA Section Southern Region, DSoI Edu Connect and ASCE MITS Student Chapter**
**Department of Civil Engineering**
**on 23.04.2024**



**Organized in association with:** ASCE INDIA Section Southern Region, DSoI EduConnect and ASCE MITS Student Chapter.
**Submitted by:** Dr. Nakkeeran, Asst. Professor, Dept. of Civil Engineering.
**Dignitaries Present:** Dr. Dipankar Roy, Professor & Head, Department of Civil Engineering and ASCE Faculty Advisor & Dr. Nakkeeran, Assistant Professor, Department of Civil Engineering.
**Report Received on 10.05.2024**
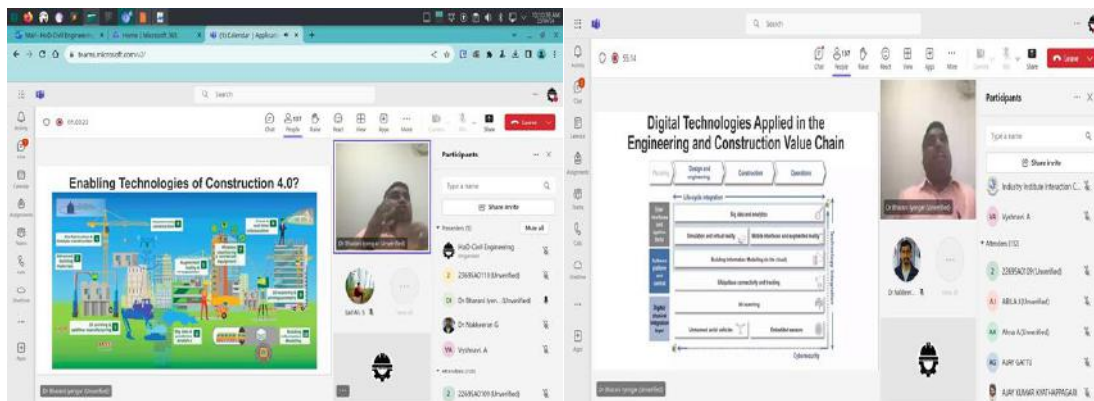**Mode of Conduct: Online**

**Resource Person:**

The speaker Mr. Bharani Iyengar IT, GEOINFORMATICS & IOT, United Kingdom. He is the Chief Executive officer of Parav Group with 20 years international experience in digital transformation of various business sectors, especially in the field of civil & Geo-technical engineering. He has working Knowledge of IoT strategy, standards and protocols. He is a proven leader who is successful in building and motivating dynamic cross functional teams to achieve business goal. He has provided energy leaders in the context of IoT and advanced B2C, B2B products.
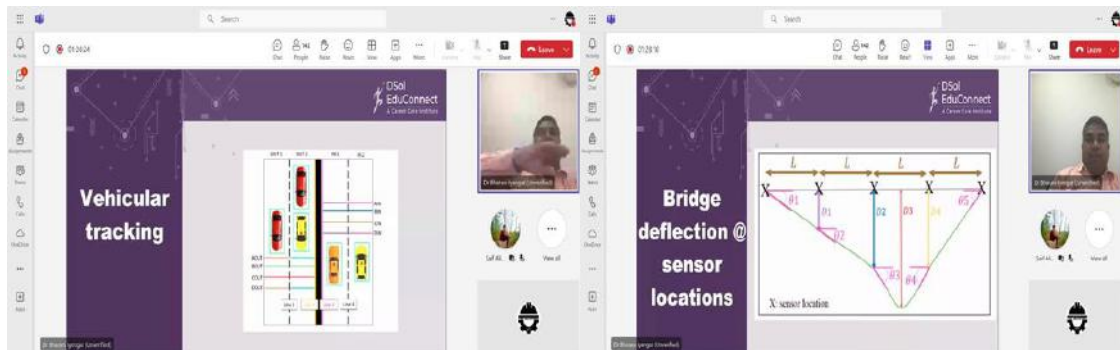


**Objective of the Course:**

The session is focused on the "Application of IoT" could be to provide participants with a comprehensive understanding of how IoT technology is applied in various industries, including its principles, methodologies, and real-world applications. The course may aim to equip students with the necessary skills to design, implement, and manage IoT solutions, as well as to analyze data generated by IoT devices to derive actionable insights. Additionally, it may focus on the challenges and opportunities presented by IoT adoption, including security, privacy, scalability, and interoperability issues.

**Program Details:**

The Department of Civil Engineering, MITS in collaboration with ASCE INDIA Section Southern Region, DSoI EduConnect and ASCE MITS Student Chapter, have organized a webinar on the "Application of IoT " from 9:30 to 10:30 am.The online event was started with the welcome speech by Dr. Nakkeeran followed by Dr. Dipankar Roy and followed by the session of resource person. There was good response with nearly 145 students' participated from Department of Civil Engineering, MITS Madanapalle and various other collages of India and other ASCE Student Chapters. Industry Professionals and Educators from various companies in India and abroad also showed their interest and attended this session. This webinar focused on the "Application of Internet of Things (IoT)". The event served as a platform for industry experts, academics, and students to delve into the transformative potential of IoT across various sectors. Attendees were treated to a series of engaging panel discussions and hands-on sessions. The lecture session was supported by the respected management of MITS, Madanapalle,  ASCE INDIA Section Southern Region, DSoI EduConnect and ASCE MITS Student Chapter. The session maintained the expected quality from the resource persons, and were open to discuss and reply to the queries of the participants. At 10 :30 am, the session was concluded and followed by vote of thanks given by Dr. Nakkeeran Assistant Professor, Department of Civil Engineering.

We thank ASCE INDIA Section Southern Region, DSoI EduConnect and ASCE MITS Student Chapter  for their continuous support to make this event a success.



**Outcome of the Event:**

The participants Enhanced understanding of the potential applications of IoT in various industries, including building automation, and transportation. Identification of opportunities and challenges in leveraging IoT solutions for improving efficiency, productivity, and sustainability. Inspiration for further exploration and innovation in IoT development and implementation.