



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



Department of Civil Engineering, AVIT

A Report on

Guest Lecture on “BIM & Structural Modeling: Transforming Civil Engineering Practice”

Date & Time : 16th Feb 2026 & 11.00 AM

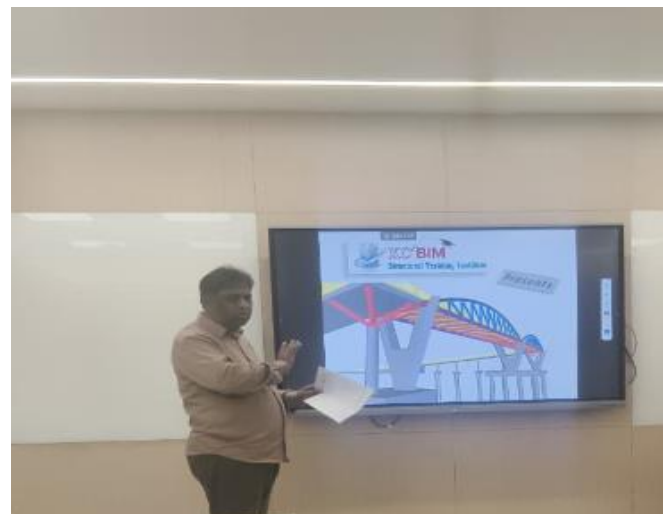
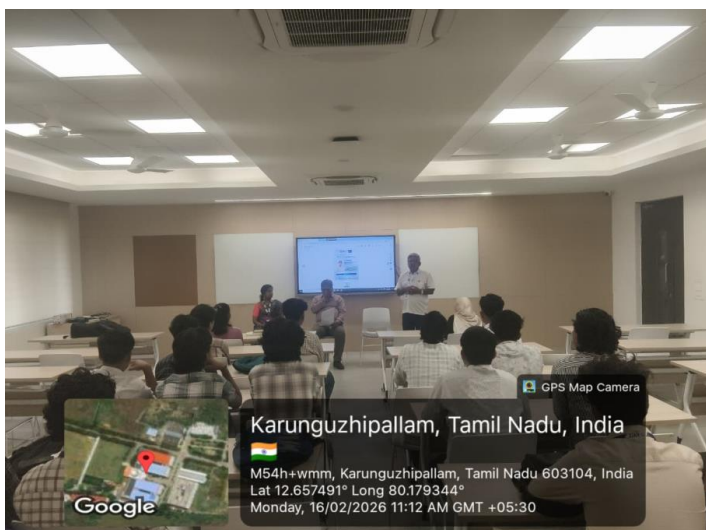
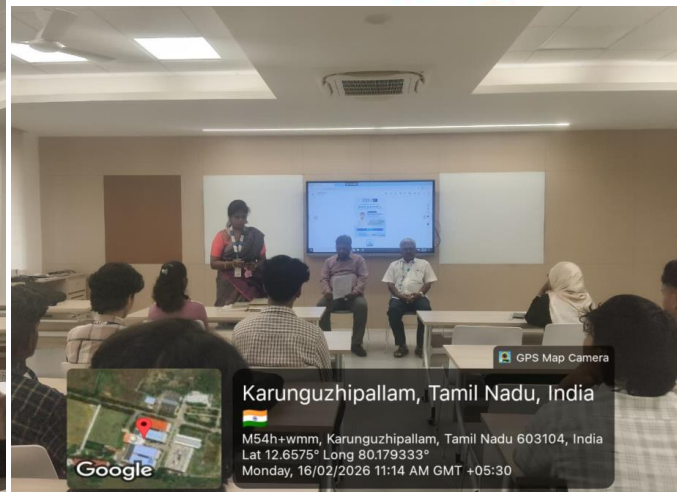
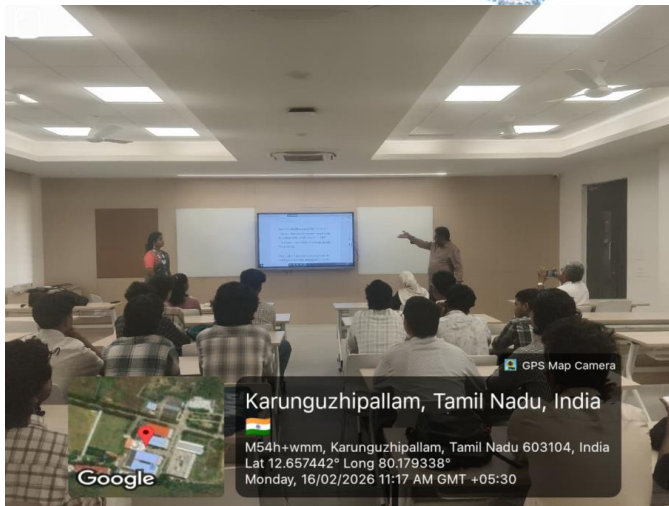
Organized by : Department of Civil Engineering, AVIT

Coordinator : Dr. VAIDEVI. C
Associate Professor / Civil, AVIT

Venue : TBSH01 - Digital Room, AVIT, VMCC

Participation : All Civil Students, AVIT

The poster is for a guest lecture titled "BIM & Structural Modelling: Transforming Civil Engineering Practice". It features the AVIT logo at the top left, with the text "AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY" and "Vinayaka Missions Chennai Campus". To the right of the AVIT logo are logos for "DIAMOND" and "I-GAUGE". The main text reads "Cordially invites you all for the guest lecture on BIM & Structural Modelling Transforming Civil Engineering Practice". Below this, there is a photo of Mr. M. Ahamed Kabeer, identified as the "Resource Person". His title is "CEO, Kamil Construction and Industrial Projects, Chennai". To the right of his photo is a 3D architectural rendering of a multi-story building under construction. At the bottom, a blue banner displays the date "16 February 2026", the time "11:00 AM", and the location "Digital Room, AVIT". The footer includes the "VINAYAKA MISSION'S RESEARCH FOUNDATION" logo and text, a small "A" logo, and the text "Organized by Department of Civil Engineering".



Event - Snapshots

The Department of Civil Engineering, AVIT, organized a guest lecture on **“BIM & Structural Modeling: Transforming Civil Engineering Practice”** on 16th February 2026 at 11.00 AM in the Digital Room (TBSH01), AVIT, VMCC. The session was conducted with the objective of enhancing students' knowledge in Building Information Modeling (BIM) and its practical applications in structural engineering.

The resource person for the session was **Mr. M. Ahamed Kabeer**, CEO of Kamil Construction and Industrial Projects, Chennai. He is a distinguished industry expert with extensive experience in construction management and structural modeling practices.

The program commenced with a warm welcome address delivered by Dr. Palanisamy, HoD/Civil, AVIT. The guest speaker was introduced by Dr. VAIDEVI C, Associate Professor, Department of Civil Engineering, AVIT.

During the lecture, Mr. M. Ahamed Kabeer provided valuable insights into the role of BIM in modern civil engineering practices. He emphasized how BIM has revolutionized the construction industry through improved visualization, coordination, cost efficiency, and project management. The session also included an introduction to Tekla Structures BIM software, where students learned about structural



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modeling techniques and practical applications in real-time projects. He demonstrated how BIM tools help in creating accurate 3D models, detecting clashes, and enhancing collaboration among stakeholders.

The session was highly interactive, with students actively participating and raising questions regarding industry practices, software applications, and career opportunities in BIM and structural engineering. A questionnaire session was conducted at the end to assess students' understanding and gather feedback.

The program concluded with a vote of thanks delivered by Dr. VAIDEVI C, expressing gratitude to the resource person for his informative and engaging session, as well as to the management, faculty members, and students for their active participation.

Dr. VAIDEVI.C, AVIT