

SCHOOL OF INFRASTRUCTURE
DEPARTMENT OF CIVIL ENGINEERING

Ref.: 1148 / Dean(Sol) / 0525

Date: 02.05.2025

Guest Lecture on
Sustainable Project Development and National Building Codal Provisions

Date: 16.04.2025

Time: 11.00 a.m. to 12.30 p.m.

I. Preamble

The Department of Civil Engineering, School of Infrastructure, hosted an insightful guest lecture on the theme “Sustainable Project Development and National Building Codal Provisions”- (Hybrid mode) on 16th April 2025 for the course CEEY 258 - Energy conservation techniques in building [II sem, M.Tech – Construction Engineering and Project Management] and CED 6224 - Estimation & Costing of Infrastructure Projects [IV sem, B.Tech - Civil Engineering]. The event was organized in collaboration with the Kancheepuram local centre of The Institution of Engineers (India) and Institution's Innovation Council, BSACIST, reinforcing the department's ongoing efforts to bridge academia and industry through meaningful interactions and knowledge sharing.

The program took place at the PG Computer Laboratory, Department of Civil Engineering and was also made accessible online through Google Meet, ensuring broader participation. The event was convened by Dr. M.S. Haji Sheik Mohammed, Dean of the School of Infrastructure and Dr. Vasanthi Padmanabhan, FIE, Professor of Civil Engineering. The coordinators of this event are Dr. M. Ayisha Siddiqua, Assistant Professor (Senior Grade), MIE, and Mr. A. Sheik Farid, Assistant Professor (Senior Grade), MIE.

II. Resource Person and Session Highlights

Dr. M. Ayisha Siddiqua, Assistant Professor (Senior Grade), Department of Civil Engineering, extended a warm welcome to the guests & participants and introduced the guest speaker. The lecture was delivered by Dr. Velan C, CEO CEEBROS, Chennai, a seasoned expert in the field of sustainable construction and building codes. Dr. Velan shared his extensive experience in sustainable development, with a particular focus on practical approaches to planning and executing construction projects that align with current national policies and environmental responsibilities.



Introduction of Guest by Dr. M. Ayisha Sidiq, Assistant Professor (Senior Grade), Department of Civil Engineering




Screenshot of the Guest Lecture by Dr. Velan C, CEO CEEBROS, Chennai

The session was structured to provide a comprehensive understanding of


- The concept and need for sustainable project development in modern infrastructure.
- Key principles and frameworks for achieving sustainability in civil engineering.
- Overview of the latest National Building Code Provisions and their implications for project planning, design, and execution.
- Integration of sustainable practices into traditional construction methods, along with case studies from CEEBROS projects.
- Strategies for engineers to stay compliant with code requirements while innovating for sustainability.



Participants of Guest Lecture




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**SCHOOL OF INFRASTRUCTURE
DEPARTMENT OF CIVIL ENGINEERING**


IN ASSOCIATION WITH



The Institution of Engineers (India)
KANCHEEPURAM LOCAL CENTRE




Organizing
Guest lecture on
**"SUSTAINABLE PROJECT DEVELOPMENT
AND NATIONAL BUILDING CODAL
PROVISIONS"**



**Date: 16/04/2025,
Wednesday**

Time: 11.00 A.M.



**Venue: PG Computer Laboratory,
Department of Civil Engineering**

Google meet Link: <https://meet.google.com/uwx-naaf-uwr>

**Resource Person: Dr. Velan C, CEO,
CEEGBROS Chennai**

All are invited

Co-ordinators
Dr. Ayisha Siddiqua, Asst. Prof (Sr. Gr.), MIE
Mr. A. Sheik Farid, Asst. Prof (Sr. Gr.), MIE

Conveners
**Dr. Vasanthi Padmanabhan, FIE
Professor, Civil Engineering**
**Dr. M.S. Haji Sheik Mohammed
Dean (School of Infrastructure)**

III. DETAILS OF PARTICIPANTS:

The following are the details of participants of II-year, B.Tech., (Civil Engineering) & I-year M.Tech., (CEPM) :

	Reg.No.	Name
1	230011601001	ABDUL AADHIL M
2	230011601002	ABDUL RAHIM
3	230011601003	AKRAM JAWEETH A
4	230011601004	ARAVINTHAN THEIVARAJ
5	230011601005	ARSHATH IBRAHIM S
6	230011601007	IMRAN FARID A
7	230011601008	JAMEEL AHAMED M
8	230011601009	MAHALAKSHMI K
9	230011601010	MOHAMED ASLAM S
10	230011601011	MOHAMED SHADIQM
11	230011601012	MOHAMED YASIN S
12	230011601013	MOHAMMED AJMAL
13	230011601014	MOHAMMED FAAIZ K
14	230011601015	MOHAMMED MEHRAN P
15	230011601016	MOHAMMED RAZEEN T
16	230011601017	MOHAMMED SIDDIQ S
17	230011601018	RAMEEZA YASMIN P K
18	230011601019	ROSHAN ASFAQ
19	230011601020	SAAD SAYEED SHAIRKHAN
20	230011601021	SURYA MOORTHY M
21	230011601022	SYED AHAMED K M
22	230011601023	SYED MASOOTH
23	230011601024	THOKCHOM WANGLEN
24	230011601025	THYCUS MARIO VALANTINE
25	230011601026	YUKESH G
26	230011602001	ABDUL ASIF M
27	230011602002	ESAKKI RAJESH R
28	230011602003	FASLAN AHAMED A
29	230011602005	MOHAMED JASIM H
30	230011602006	MOHAMED YUSUF IRFAN M

31	230011602007	NAUFAL AHAMED
32	230011602008	RITHVIK.K
33	230011602009	MUHAMADHU SULTHAN S
34	230011602010	DILEEP KUMAR S
35	242202601002	MOHAMMED AQIL Z
36	242202601003	ARUL ANANTH V
37	242202601004	BALASUBRAMANIAN B
38	242202601005	KALUSALINGAM K
39	242202601006	SWETHA S

IV. Participant Engagement

The event witnessed enthusiastic participation from faculty members, undergraduate and postgraduate students. The lecture was followed by an interactive Q&A session where participants raised thought-provoking questions about the practical challenges of implementing sustainable practices in real-world projects. Dr. Velan's responses provided clarity and actionable insights, making the session both intellectually stimulating and practically enriching. Feedback from participants indicated a high level of satisfaction with the relevance and depth of the content delivered. Many expressed interests in pursuing further study and research in sustainability-oriented construction and codal compliance.



**Vote of Thanks by Mr. A. Sheik Farid,
Assistant Professor (Senior Grade),
Department of Civil Engineering**

V. Important remarks

The guest lecture on “Sustainable Project Development and National Building Codal Provisions” was a significant initiative by the Department of Civil Engineering to inspire and educate the next generation of Civil Engineers. The session not only highlighted the growing importance of sustainability in the infrastructure domain but also provided a detailed understanding of the national regulatory landscape that governs it. The session concluded with a vote of thanks by Mr. A. Sheik Farid, Assistant Professor (Senior Grade).

VI. Outcome

- Students gained deeper knowledge of energy conservation strategies and their integration in sustainable building design.
- The lecture emphasized relevant national building codes and green building certifications, reinforcing the importance of regulatory compliance in sustainable construction.
- The session highlighted practical approaches to cost estimation in sustainable projects, helping students link theoretical costing techniques with real-world project scenarios.



Mr. A. Sheik Farid, Asst. Prof.(Sr.Gr.)



Dr. M. Ayisha Siddiqua, Asst. Prof.(Sr.Gr.)

Coordinators



Dr. M.S. Haji Sheik Mohammed, Dean / Sol

Convener