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**Crescent**  
 Institute of Science & Technology  
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**SCHOOL OF INFRASTRUCTURE**  
**DEPARTMENT OF CIVIL ENGINEERING**

Ref.: 1358 / Dean (Sol) /1225

Date: 18.12.2025

**REPORT ON GUEST LECTURE**

Date & Time	Speaker	Title	Venue
06.11.2025 (Thursday) 2.00 p.m.	Dr. Mary Angeline, Founding Subject Matter Expert, MapSDG, Chennai	Implementation & Impact of Sustainable Development Goals in India	Auditorium, BSACIST

**I. PREAMBLE:**

The Department of Civil Engineering, School of Infrastructure, organized a **Guest Lecture on “Implementation & Impact of Sustainable Development Goals in India” on 06th November 2025 at 2.00 p.m.** as a part of the **GEDX116 Green Design and Sustainability** initiative. This event was supported by Institutions Innovation Council (IIC). The session aimed to enhance students’ understanding of sustainability principles, their practical implementation across diverse sectors, and the alignment of engineering practices with the United Nations Sustainable Development Goals (SDGs).

The lecture was attended by **B.Tech. Final year students from various engineering branches** who had opted for the open elective course “Green Design and Sustainability.” The session provided an excellent opportunity for participants to gain meaningful insights into how sustainability concepts can be effectively integrated into infrastructure design, policy planning, and community development.

**II.ABOUT THE SPEAKER**

**Dr. Mary Angeline** currently serves as the Principal of Nazareth College of Arts & Science, Chennai. She is an acclaimed academic leader, social work educator, and sustainable development advocate with over 22 years of experience in higher education, research, and community engagement. Dr. Angeline has been instrumental in promoting SDG integration, research innovation, and inclusive education at the institutional and national levels. She is a



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Founding Subject Matter Expert at MapSDG and has played leadership roles in various organizations, including:

- Director, Research & Advocacy, Nazareth SDG Transformation Centre
- Innovation Ambassador, Ministry of Education, Government of India
- Innovation & Entrepreneurship Promotion (President)
- NAAC & NIRF Peer Review Assessor

Her distinguished recognitions include the Sustainability and Inclusive Education Leadership Award (2025) by The Times of India, and Best Social Work Educator Award (2023). Dr. Angeline's impactful work bridges education, sustainability, and social transformation, inspiring students and professionals alike.

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GUEST LECTURE  
 ON

**Implementation & Impact of  
 sustainable development goals in  
 India**

[As a part of GEDX116 - Green Design and Sustainability]

by  
**Dr. Mary Angeline**  
 Founding Subject Matter Expert  
 MapSDG

<b>DATE &amp; TIME</b> 06.11.25 (Thursday) 2.00 P.M	<b>VENUE</b> AUDITORIAM BSACIST
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**Faculty Coordinators**

Dr. Nisha khanam	Dr. K. Kanmani
Dr. V. Roopa	Dr. M. Ayisha Sidiqua
Dr. Y. Ibrahim	Mr. A. Sheik Farhid
Dr. M. Hazeen Fathima	Dr. T. Srividya

Dr. M. Vishal

**Convenor**  
 Dr. M. S. Haji Sheik Mohammed,  
 Dean, School of Infrastructure

## Programme Invitation



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### **III. ABOUT THE SESSION**

First and Foremost the session started with Qirath by **Mr.Husamullah, IV year EIE** and then Tamizh Thai Vazthu by **Ms.Sadhana, IV year ECE 'B'**. The session started by a welcome address by **Ms.Harshitha, IV year CSE 'C'**. Then **Dr. M. Mohamed Ismail, Dean Academic Affairs**, felicitated the event and also honoured the Chief Guest **Dr. Mary Angeline**. The Dean Academic emphasized the relevance of the Sustainable Development Goals (SDGs) in academic learning and engineering practice. His remarks highlighted how sustainability-driven education contributes to shaping responsible and globally conscious engineers. Following this, **Mr. Aditya, IV year ECE 'A'**, gave an introduction about the guest speaker. He highlighted her extensive experience as an academic leader, researcher, and social work educator, along with her distinguished contributions to higher education leadership, community engagement, and sustainability advocacy at National and International levels.

#### **a) Highlights of the Lecture**

The session was designed to provide a comprehensive understanding of the Sustainable Development Goals (SDGs), their implementation frameworks, and their relevance to India's national priorities. Dr. Mary Angeline began her lecture with an overview of the 17 SDGs, elaborating on their targets, indicators, and interconnections, and highlighting India's progress toward achieving them. She introduced Map SDG, an AI-powered SaaS platform for Sustainable Development, explaining its applications in academics, research, outreach, and policy development. The tool enables higher educational institutions to map and monitor sustainability efforts, supporting evidence-based decision-making. The speaker also emphasized the role of engineers in advancing SDG implementation through innovative design, efficient resource utilization, and eco-conscious infrastructure development. These contents were deliberated to help final-year students across all engineering disciplines, enrolled in the **open elective course "Green Design and Sustainability"**, understand the practical connection between technology, education, and sustainable development.



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**About the Guest Lecture by a final year student**



**Felicitation by Dr.M.Mohamed Ismail, Dean, Academic Affairs**



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**Guest Speaker Dr.Mary Angeline, was honoured by our Dean, Academic Affairs**



**Guest Lecture by the speaker Dr.Mary Angeline**

**b) Interactive Learning Activities**

To make the session more engaging and experiential, the speaker conducted three interactive activities. The first activity was a Self-Assessment Checklist that enabled students to evaluate their personal eco-conscious habits and compute their Eco-Consciousness Score. The second activity



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involved individual SDG mapping, where participants linked everyday topics such as environment, population, and energy to specific SDGs. The third activity, a storytelling challenge, students grouped into five teams representing the SDG pillars — People, Planet, Prosperity, Peace, and Partnership with each group narrating a short story reflecting their assigned theme and concluding with a moral message.



**Activity worksheet shared to the students**



**Students involvement in filling the worksheet based on SDG**



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**Activities conducted to the students to impart knowledge about Sustainable Development Goals (SDGs)**



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**Students won in the activities were honored with a gift as a token of motivation**

The session concluded with a reflection on Dr. A. P. J. Abdul Kalam's vision for sustainability and innovation, inspiring students to become responsible engineers committed to global development.



**Group photo with the guest speaker and the event organizer of MAP-SDG**

The vote of thanks was delivered by Dr. Nisha Khanam, the course coordinator. She also expressed her gratitude to the Dean, School of Infrastructure for providing the opportunity to organize the guest lecture, and also extended appreciation to the guest speaker for delivering an informative session.



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#### IV. COURSE RELEVANCE & OUTCOMES:

The guest lecture titled “Implementation & Impact of Sustainable Development Goals in India” added significant value to the open elective course **GEDX116 – Green Design and Sustainability** by linking theoretical learning with real-world sustainability practices. The session helped students understand the significance of the **Sustainable Development Goals (SDGs)** and the crucial role of engineers in fostering sustainable innovation. Through interactive activities and discussions, students gained practical awareness of eco-conscious design, responsible resource use, and the importance of integrating sustainability into engineering solutions for societal benefit.

#### Coordinators

**Dr. Nisha Khanam**  
Assistant Professor (Sel. Gr.)

**Dr. Roopa. V**  
Assistant Professor (Sr. Gr.)

**Dr. K. Kanmani**  
Assistant Professor (Sr. Gr.)

**Dr. Ayisha Sidiqua**  
Assistant Professor (Sr. Gr.)

**Dr. Y. Ibrahim**  
Assistant Professor (Sr. Gr.)

**Mr. A. Sheik Farid**  
Assistant Professor (Sr. Gr.)

**Dr. Hazeen Fathima**  
Assistant Professor

**Dr. T. Srividya**  
Assistant Professor

**Dr. M. Vishal**  
Assistant Professor

**Convener**  
**Dr. M.S. Haji Sheik Mohammed**  
Dean, School of Infrastructure