

### **Seminars and Workshop focusing on SDG Goals**

➤ **Department of Aeronautical and Aerospace Engineering  
National Level Seminar –SDG 11- 4<sup>th</sup> March 2024**

Seminar on Space Communication – Practical Perspectives was conducted on 4th March 2024. Mr B A Subramani, Former Space Environmental Simulation Engineer, U R Rao Satellite Centre, ISRO, Bangalore was the resource person. The speaker provided a detailed explanation of RTDs software, which enables the tracking of satellite images from open sources using minimal resources available at home.



### **Hands on Workshop on RC Planes and Drone Piloting- SDG 4- 16<sup>th</sup> March 2024.**

The RC Plane Hands-On Workshop, held on 16.3.2024 at the Aero structures lab, aimed to provide participants with practical experience in assembling and piloting remote-controlled (RC) aircraft. Attendees learned about RC plane components, aerodynamics, and control systems before engaging in hands-on assembly sessions. The workshop also included practical flying sessions, where participants demonstrated take offs, landings, and aerial maneuvers, showcasing their improved piloting skills.



➤ **Department of Civil Engineering:**

**Hands on Training on 'Exploring the World of Civil Engineering' for Polytechnic Students –SDG 4 - 19<sup>th</sup> Feb 2024**



**International Expert Interaction on Graduate Engineer Vs Professional Engineer- SDG 9 & 11 20<sup>th</sup> March 2024**

The department organised an International Guest Lecture on Graduate Engineer Vs Professional Engineer – A Perspective on 20th March 2024. Professor Ir. Dr. U. Johnson Alengaram University of Malaya, Kuala Lumpur, Malaysia was the resource person. Professor Alengaram delved into the Geopolymer Concrete House project, showcasing its potential to revolutionize construction. The session highlighted the importance of experience and continuous learning in bridging academic and industry practices in construction.



### Workshop on Revit Architecture - SDG 9 & 11- 25th and 26<sup>th</sup> March 2024



### Interaction with Industry Expert – SDG 9 & 11 – 23<sup>rd</sup> March 2024

Interaction with Industry Expert was organised on 23rd March 2024. Mrs. Lalasaraswathi Illango, Head – EDRC Factories Design, Larsen & Toubro Construction, Chennai was the resource person.







## Interaction with Industry Expert

**Mrs Balasaraswathi Ilango**  
**HEAD - EDRC Factories Design**  
**Larsen & Toubro Construction**  
**Chennai**

Expert

organized by  
**Department of Civil Engineering**

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📅 **23<sup>rd</sup> Mar 2024**  
🕒 **11:00 AM**  
📍 **Larsen & Toubro - CAD Lab**

➤ **School of Fashion Technology: Workshop on Striding towards SDG's for Fashion Industry -17 SDG – 22 January 2024**

Dr. V. Bhanu Rekha, Professor and Head School of Fashion Technology, presented a seminar “Striding towards the SDGs for fashion Industry” and explained the 18 icons and quoted examples of those fashion brands which have strived to achieve these sustainability goals. All these 18 icons focused majorly on the 6, 7, 8, 9,10, 11, 12, 13, 14,15 and 17 SDG goals. Post the seminar, students were asked to discuss and submit sustainable fashion business models and product ideas.



➤ **Department of Information Technology**

**Seminar on Cyber Security as a Career Opportunity - SDG 9 -9<sup>th</sup> and 23<sup>rd</sup> March 2024**

Mr. P. Chandrasekar, Global Delivery Head of Cybersecurity at TCS Chennai, the resource person for the seminar conducted on 9<sup>th</sup> March shared the importance of cybersecurity and discussed the job opportunities in this field, emphasizing the opportunities for cyber advancement. Dr.Arunkumar , Senior Lecturer, Digital Forensics, Cyber Security , University of South Wales, Treforest, UK and the resource person for the seminar conducted on 23<sup>rd</sup> March discussed the opportunities for cyber advancement and provided additional insights on the proliferation of cyber threats, such as data breaches, ransomware attacks, and identity theft. This seminar focused on SDG 9, aiming to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster

innovation. These efforts are crucial for fostering economic growth, creating jobs, and ensuring sustainable development.



➤ **Department of Mechanical Engineering**

**Value Added Programme – SDG 9 & 12**

**ASHRAE\_KCG Student Chapter Inauguration – SDG 2, 11 & 13- 12<sup>th</sup> March 2024**

The Manufacturing Engineering Division inaugurated the new student chapter of the American Society of Heating Refrigerating and Air-conditioning Engineers (ASHRAE) on March 12, 2024. The chapter primary objective is to familiarize students and faculty with advancements in Refrigeration, High-Performance Buildings, Net Zero Energy Buildings, Energy-efficient HVAC design, and related areas. The event featured distinguished speakers including Mr. Balaji Ramalingam, President of ASHRAE Student Chennai Chapter and Director of S-AC Solutions Chennai Private Limited; Mr. Devadoss Edwin, Founder and Director of G-Dew Air Consultants; Mr. M. Anandan, Director of



Vertiv Energy Pvt Ltd; and Mr. Nellai Rajan, Coordinator of ASHRAE Chennai Chapter India.



The banner features logos for SDGs (3, 11, 13), KCG College of Technology, and ASHRAE. The text reads: "Department of Manufacturing Engineering inaugurates ASHRAE-KCG Student Chapter American Society of Heating, Refrigerating and Air-Conditioning Engineers (HVAC&R)".

**Resource Persons**

- Mr Anandan M**  
Director of operations & technical support for greater India and SAARC countries.  
Director of Vertiv Energy Pvt Ltd.  
(Formerly Emerson Network Power)
- Mr Balaji Ramalingam**  
President  
ASHRAE Chennai Chapter
- Mr Devadoss Edwin**  
Founder and Director  
G-Dew Air Consultants  
Chennai.

**12<sup>th</sup> Mar 2024 11:00 AM F14 Seminar Hall**

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