

**Session 1: Fundamentals of ESG, 14 March 2026**

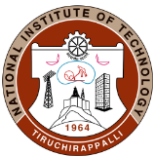


**Mr. Shashank Shaw**  
**Manager**  
**Maruti Suzuki India Limited**



This session introduced the concept of ESG, distinguishing it from broader sustainability and explaining its three pillars—environment, social, and governance. The environmental pillar covered compliance with laws, climate impacts, resource efficiency, waste management, and biodiversity. The social pillar focused on labor practices, human rights, community impact, stakeholder engagement, and customer responsibility. Governance was discussed in terms of board independence, accountability, transparency, and risk management. The session emphasized why ESG matters for investors, regulatory compliance, and long-term business continuity.





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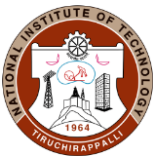
**Session 2: Corporate Governance, 15 March 2026**

**Speaker: Mr. Himanshu Sharda  
Group Head – Sustainability**



This session examined governance structures and practices within organizations. It highlighted challenges in board independence, accountability, and organizational culture. The content was delivered in two parts: a lecture on governance principles and an exercise where participants analyzed organizations to identify governance gaps and apply mental models. The session also introduced the idea of an endowment plan for institutional collaboration, stressing the importance of participatory formats and applied governance for deeper engagement.





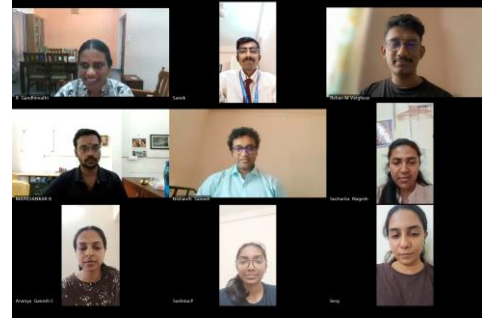
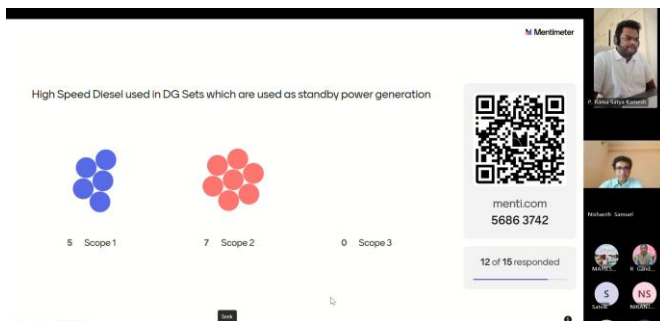
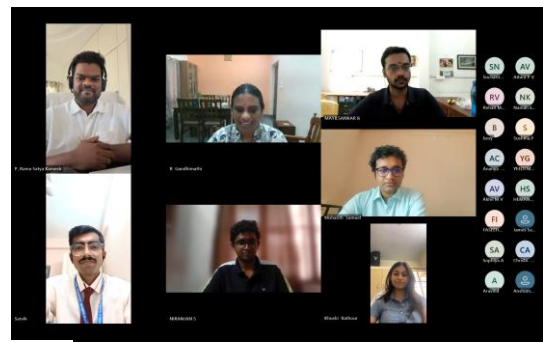
Session 4: Greenhouse Gas Inventory, 28 March 2026



**Mr. Sathya Kamesh**  
Associate Director  
Delloite



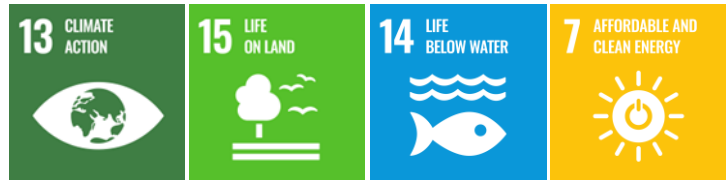
This session focused on greenhouse gas accounting and the standards that guide it. It began with an overview of climate change and the role of CO<sub>2</sub> as the primary reference gas. Frameworks such as the GHG Protocol and ISO 14064 were introduced, explaining corporate, product, and value chain standards. The session detailed approaches to defining organizational and operational boundaries, including equity share, financial control, and operational control methods. It also outlined the steps of GHG accounting: boundary setting, data collection, emission factor selection, and computation, stressing the importance of consistency and transparency in reporting.



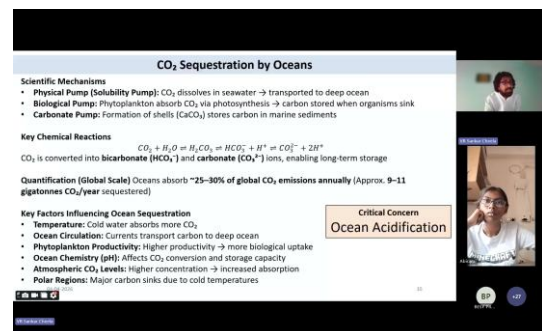
**Session 5: Decarbonization, 04 April 2026**



**VR Sankar Cheela, PhD**  
**Associate Professor**  
**MVGR College of Engineering**



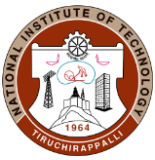
This session explored the science and practice of decarbonization. It began with illustrative calculations of the carbon footprint from digital communication, highlighting how everyday activities contribute to emissions. The discussion then moved to the greenhouse effect, the carbon cycle, and natural sinks such as forests, oceans, cryosphere, and lithosphere. The role of photosynthesis, respiration, decomposition, and combustion in the carbon cycle was explained, along with ocean acidification and sequestration processes. The session emphasized the importance of protecting natural sinks and reducing deforestation. It concluded with artificial decarbonization strategies, integrating thermodynamic principles with artificial intelligence to optimize energy systems and reduce entropy in industrial processes.



Real-World CO <sub>2</sub> Emissions from Emails					
Scale	Users Considered	Emails per Day	Total CO <sub>2</sub> per Day	Total CO <sub>2</sub> per Year	Scientific Interpretation
Single Email (With Attachment)	Individual	1	1 mg	—	Extremely low per-event emission under assumed efficient system
	~10,000 users (50% active)	5,000	5 g	1.825 kg	Micro-level emissions remain very small even at campus scale
India (50% population)	~1.4 billion → 0.7 billion	700 million	700 kg	255.5 tonnes	National impact becomes measurable despite very low per-email emission
Global (50% population)	~8 billion → 4 billion users	4 billion	4,000 kg	1,460 tonnes	Demonstrates scaling effect under highly efficient digital systems

**Assumption: 1 email with attachment = 1 mg CO<sub>2</sub>**  
(i.e., 0.001 g = 1 × 10<sup>-3</sup> kg CO<sub>2</sub> per email)





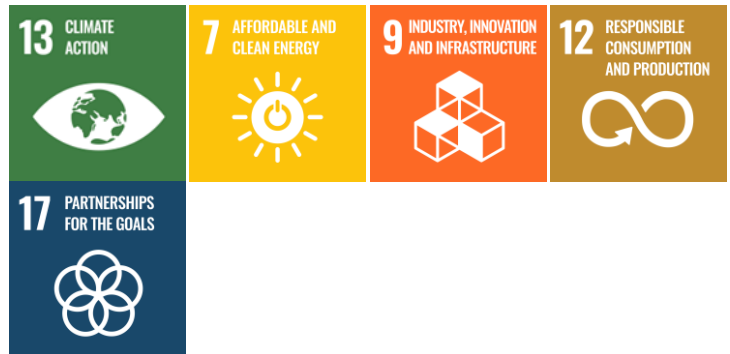
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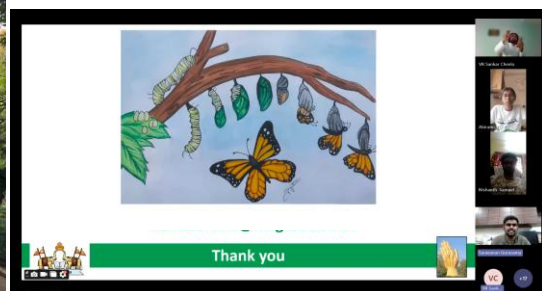
Session 6: Future energy transition: For Netzero, 11 April 2026

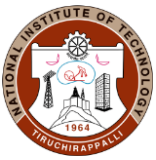


**Mr. Sathya Kamesh**  
Associate Director  
Deloitte



The guest session offered a clear and engaging overview of what “net zero” truly means — balancing emissions with removals — and the urgent need to decarbonize across power, transport, and industry. The speaker highlighted renewable energy integration, electrification, and green hydrogen as key enablers, while stressing the role of policy frameworks and youth innovation in shaping India’s sustainability journey. Beyond the technical depth, his interactive and fresh approach kept students involved, making the complex subject both accessible and inspiring.





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World Water Day Webinar - 1: Holding gender stakes in policy making, policy implementation, governance and beyond-A perspective, 23 March 2026

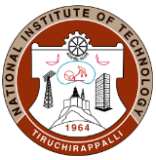


**Dr. Rani Susmitha**  
Revenue Divisional Officer  
Kovvur, Andhra Pradesh



This session addressed the intersection of gender and water governance, aligned with the UN theme “*Water and Gender.*” Dr. Rani Susmitha highlighted how water challenges extend beyond resource management, shaping equity, access, and social realities. She emphasized the disproportionate impact of water scarcity on girls’ education in rural areas, where many spend hours fetching water. Key highlights included the importance of women-centric legislation in water governance, strengthening Water User Associations (WUAs) for participatory management, and the need for gender-sensitive policy implementation and governance frameworks. The session concluded with a strong call for inclusive, community-driven, and sustainable water management practices.





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World Water Day Webinar - 2: Climate Change, Water Stress and Impact on Women,  
24 March 2026



**Prof. Dr. Michele John**  
Director  
Sustainable Engineering Group Curtin  
University, Australia



This session addressed the intersection of gender and water governance, aligned with the UN theme “*Water and Gender.*” Dr. Rani Susmitha highlighted how water challenges extend beyond resource management, shaping equity, access, and social realities. She emphasized the disproportionate impact of water scarcity on girls’ education in rural areas, where many spend hours fetching water. Key highlights included the importance of women-centric legislation in water governance, strengthening Water User Associations (WUAs) for participatory management, and the need for gender-sensitive policy implementation and governance frameworks. The session concluded with a strong call for inclusive, community-driven, and sustainable water management practices.

