



CII-ITC Centre of Excellence  
for Sustainable Development

Knowledge Partner



IISWBM



Confederation of Indian Industry

**Department of Environment Management**  
**Indian Institute of Social Welfare and Business Management, Kolkata**

\\\\\\\\\\\\ presents \\\\\\\\\\\

# **Certificate Course on Sustainable Environment Management**

**(Sixth Batch - April, 2025)**

## **ABOUT THE COURSE**

This online certificate course provides a general introduction to environmental sustainability and touches on the science, concepts, and strategies used to “green” businesses, organisations, and individuals’ lifestyles.

Modern consumers are demanding sustainability from organizations where they utilize or buy goods and services and in which they invest.

Modern management and policy leaders, then, need to know what environmental sustainability is and which tools are available to improve the footprint of their organizations and businesses.

**Last date of registration: 21st March, 2025**

***Class Begins on: 3rd April, 2025***

***Class Ends on: 10th May, 2025***

## **REGISTER NOW!**



<https://forms.eduqfix.com/stsertc/add>

## **OBJECTIVE**

To equip individual to solve problems in environmental sustainability field at the source rather than through end-of-pipe.

## **WHO CAN APPLY**

Professionals from industries, Corporate governance professionals, Environmental auditors, Health, Safety and Environment Personnel, Waste management practitioners, officials from central and state urban departments and municipalities, urban and town planners, village panchayat officials and members, academicians, students, and NGO representatives.

## **TIMING**

Thursday (Online)- 7:00 P.M.- 9:00 P.M.

Friday (Online)- 7:00 P.M. - 9:00 P.M.

Saturday (Online)- 2:00 P.M. - 6:15 P.M.

## **COURSE FEES**

35,000/- (Plus 18% GST) = 41,300/- INR

## **FACULTY**

Experts from industries and academia

## **MODE OF STUDY**

Online lectures, discussions, assignments and MCQ Test

### **Course Coordinator:**

**Dr. Surajit Chakraborty**

**Ph: +91 98300 84660**

**email: surajitc@iiswbm.edu**

### **Venue:**

Department of Environment Management,  
Indian Institute of Social Welfare and Business  
Management (IISWBM), Management House  
College Square West, Kolkata- 700073

### **More Information:**

<https://www.iiswbm.edu>



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# Certificate Course on Sustainable Environment Management

## PREAMBLE:

Industry has a curious relationship with the environment. Rapid industrialization coupled with uncontrolled exploitation of natural resources has affected the environment, by ultimate changes in the natural cycle, causing impact and /or effects on air, water, land, flora, fauna, human settlement, and health of people.

This online certificate course with 23 modules and 46 hours is developed for mid-level to senior level industry professionals to provide a knowledge on environmental sustainability and touches on the science, concepts, and strategies used to “green” businesses, organizations, and individuals' lifestyles. The course provides an understanding on ESG-specific topics such as disclosure indices, materiality assessments, UN-SDGs and other associated sustainability initiatives, GRI standards, sustainability reporting in CDP disclosures, TCFD, Climate Change, Planetary Boundaries, Nature based solutions, circular economy, LCA, Structure of BRSR, BRSR/BRR, NGRBC principles, Greenhouse Gas (GHG) emissions (Scopes 1, 2, and 3 calculations), water neutrality, ERP, ESG Rating Support (CDP, DJSI, MSCI, Ecovadis), Artificial Intelligence and Data Analytics for Sustainable Solution, Value Chain Aspects, Value chain and related disclosures under BRSR, Sustainability strategies and goals, Net Zero and SBTi Target Setting & Advisory, Industry specific case study etc.

## CERTIFICATE:

Jointly by CII and IISWBM

## WHO CAN APPLY?

Professionals from industries, Corporate governance professionals, Environmental auditors, Health, Safety and Environment Personnel, Waste management practitioners, officials from central and state urban departments and municipalities, urban and town planners, village panchayat officials and members, academicians, students, and NGO representatives.

## DURATION:

Three days in a week. Class starts: 3rd April, 2025 and Class ends: 10th May, 2025

## TIMING:

Thursday and Friday (Online)-7:00 P.M.- 9:00 P.M. & Saturday (Online)- 2:00 P.M. - 6:15 P.M.

## COURSE FEES:

35,000/- INR (Plus 18% GST) = 41,300/- INR

## FACULTY

Experts from different industries, Technical experts, Internal faculty and Experts from other civil society institutions.

## MODE OF STUDY/MATERIALS/TEST:

Online lectures, case studies, word/pdf materials and MCQ Test



## PROGRAM STRUCTURE

Module	Hours
<b>Week 1:</b>	8
1. Sustainability Concepts – Innovations and Challenges 2. Industrial Wastewater Collection, Treatment & Resource Recovery 3. Extended Producer Responsibility and Waste Management 4. Circular Economy & Sustainable Development	
<b>Week 2:</b>	8
5. Water Neutrality 6. Air and Noise Pollution 7. GIS and Satellite Applications 8. Physical and Transitional Risks with respect to Climate Change	
<b>Week 3:</b>	8
9. Environmental Policy and Laws/Legislation 10. Environmental Permitting and EIA 11. Environmental Risk Assessment 12. ISO 14001, ISO 14064, ISO 45000, SA 8000	
<b>Week 4:</b>	8
13. Fundamentals of ESG and rating systems 14. Integrated EHS and ESG Performance Management 15. Planetary Boundary and Nature Based Solution 16. Sustainability Reporting using BRSR and GRI	
<b>Week 5:</b>	8
17. GHG emissions and Carbon Neutrality 18. Product Stewardship and LCA 19. Sustainability Aspects in Value Chain 20. Classification of Environmental & Social Due Diligence (ESDD & ESG) & its implication on Funding Projects from National & IFIs	
<b>Week 6:</b>	6
21. Sustainable Finance 22. Digital Tools & Sustainability 23. Strategies for Environmental Sustainability in Organizations and Fundamentals of Reporting	
<b>TOTAL HOURS</b>	<b>46</b>

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## RESOURCE PERSONS

- Mr. Shikhar Jain, Executive Director-CESD, CII-ITC, Centre of Excellence for Sustainable Development.
- Mr. Manish Kharbanda, Group Advisor - Legal Corporate Affairs Environment, Group Head Corporate Affairs, Acting General Counsel, CSR, HSE and Sustainability, Jindal Steel & Power Ltd. President of Pellet Manufacturers' Association of India.
- Dr. K. V. Reddy, Joint President & Corporate Head (Environment), UltraTech Cement Ltd.
- Dr. Santosh Yadav, Senior, Counsellor CII - ITC Centre of Excellence for Sustainable Development (CESD).
- Ms. Swati Pandey, Senior Counsellor, CII.
- Dr. Jasleen Bhatti, Counsellor, CII, ITC- CESD.
- Mr. Shourjomay Chatterjee, Counsellor, CII-CESD.
- Mr. Arupendra Nath Mullick, Vice-President, TERI Council for Business Sustainability, The Energy and Resources Institute (TERI).
- Prof. (Dr.) KM Agrawal, Department of Environment Management, IISWBM.
- Prof. (Dr.) Pradip K Sikdar, Department of Environment Management, IISWBM.
- Prof. (Dr.) Sadhan Ghosh, Professor & Former Head Mechanical Engineering Deptt, & Coordinator, Centre for QMS, Jadavpur University, Kolkata.
- Dr. Asit Aich, Former Superintended Engineer, Govt of WB, Department of Urban Development and Municipal Affairs, Former Head, Department of Civil Engineering, Siliguri Institute of Technology.
- Prof. Arunabha Mazumder Emeritus Professor, School of Water Resources Engineering, Jadavpur University Former Director, All India Institute of Hygiene and Public Health, Govt. of India
- Er. Debasis Sarkar, Chief Environmental. Engineer (EIM Cell) West Bengal Pollution Control Board, Department of Environment, Govt. of West Bengal, Paribesh Bhawan
- Dr. Susanto Podder, National Manager, Coca-Cola Beverages Pvt.Ltd. and Adjunct Associate Professor, Lincoln University College, Malaysia
- Dr. Rajib Chattopadhyay, Scientist E, India Meteorological Department, Ministry of Earth Science, Govt. of India.
- Shri Debashish Manna, Environment Specialist, Qatar Energy (earlier Qatar Petroleum).
- Dr. Debanjan Bandyopadhyay, Partner, Environmental Resources Management, India.
- Mr. Arnab Basu, Associate Partner, Environmental Resources Management, India.
- Mr. Pranab Banerjee, Consulting Director, Environmental Resources Management, India.
- Dr. Bipal Jana, Managing Director, Ecogenesis Consultancy Pvt. Ltd. & Ecogenesis PMC Pvt Ltd.
- Mr. Sandipan Chakraborty, Assistant Director, Analytics and Modelling-ESG & Climate Change, Moody's Analytics.
- Dr. Surajit Chakraborty, Assistant Professor, Department of Environment Management, IISWBM.

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