



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

## 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: 25th April, 2023**

**Class Starts: 28th April, 2023**

**Class Ends: 27th May, 2023**

**REGISTER NOW**



<https://forms.gle/cenkeN6cNiSDPgh57>

## 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

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

Saturday (Online)- 11:00 A.M.- 4:30 P.M.

## COURSE FEES

30,000/- INR (Plus 18% GST)

## FACULTY

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

## MODE OF STUDY

Online lectures and discussions

**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.

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, Greenhouse Gas (GHG) emissions (Scope-1, 2, and 3), water consumption, waste footprint baseline, and corporate EHS & Sustainability strategies & goals.

Environmental management techniques are integral to conservation, agriculture, forestry, industry and countryside planning. This certificate course is designed for people already in environment-related employment, who wish to develop their careers by updating their knowledge and skills. It aims to satisfy an industrial and public sector demand for environmental management personnel.

## **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:**

Two days in a week. Class starts: 28th April, 2023 and Class ends: 27th May, 2023

## **TIMING:**

Friday (Online)- 7:00 P.M. - 9:00 P.M. & Saturday (Online)- 11:00 A.M. - 4:30 P.M.

## **COURSE FEES**

30,000/- INR (Plus 18% GST)

## **FACULTY**

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

## **MODE OF STUDY/MATERIALS**

Online lectures, case studies, and word/pdf materials.



## PROGRAM STRUCTURE

Module	Hours
<b>Week 1:</b>	6.5
1. Sustainability Concepts – Innovations and Challenges 2. Industrial Wastewater Collection, Treatment & Resource Recovery 3. Solid Waste Management 4. Circular Economy & Resource Efficiency for Sustainable Waste Management-1	
<b>Week 2:</b>	6.5
5. Water Resources Management 6. GIS and Satellite Applications 7. Environmental Risk Assessment 8. Environmental Impact Assessment	
<b>Week 3:</b>	6.5
9. Environmental Policy and Laws/Legislation 10. Sustainability Reporting 11. Environmental health and safety and Corporate Environmental Responsibility (CER) 12. ISO 14001, ISO 14064, ISO 45000	
<b>Week 4:</b>	6.5
13. Climate Change and Sustainable Development 14. Circular Economy & Resource Efficiency for Sustainable Waste Management-2 15. Air and Noise Pollution 16. Life Cycle Assessment	
<b>Week 5:</b>	6.5
17. Fundamental of ESG and Reporting and Fundamental of GRI standard guidelines and GRI reporting framework 18. ESG Rating and Decarbonisation 19. Classification of Environmental & Social Due Diligence (ESDD & ESG) & its implication on Funding Projects from National & IFIs 20. Strategies for Environmental Sustainability in Organizations	
<b>TOTAL HOURS</b>	<b>32.5</b>

## CORE FACULTY

- Mr. Shikhar Jain, Deputy Head, CESD, CII – ITC
- Ms. Madhulika Sharma, Chief Sustainability Officer, ITC Limited
- Mr. Shourjomay Chatterjee (Associate Counsellor, CII-CESD)
- 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, Rtd. Superintended Engineer, Municipal Engineering Directorate, Govt. of West Bengal
- 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
- Shri 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)
- Mr. Arnab Basu, Principal Consultant, ERM India
- Mr. Bratin Roy, Sr. Vice President- Industry Service and Sustainability, ASEAN, South Asia & MEA TUV SUD
- Dr. Bipal Jana Managing Director, Ecogenesis PMC Pvt|Ltd
- Mr. Rajib Kumar Debnath Lead Partner-Sustainability & Developmental/CSR Services Nangia Andersen LLP A member firm of Andersen Global
- Dr. Surajit Chakraborty, Assistant Professor, Department of Environment Management, IISWBM

**Course Coordinator:**

**Dr. Surajit Chakraborty**

**Ph: +91 98300 84660**

**email: surajitc@iiswbm.edu**

**Venue:**

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**More Information:**

<https://www.iiswbm.edu>

## REGISTRATION FORM

### Certificate course on “Sustainable Environment Management”

**[Class starts: 28<sup>th</sup> April, 2023 and Class Ends: 27<sup>th</sup> May 2023]**

**Name in full** (Dr. /Mr. /Mrs. /Ms.):.....

**Designation** (Position held): .....

**Name of the Organisation:**.....

**Type of Organisation:**.....

**Full address for correspondence:**.....

**Phone:**

**Mobile:**

**Fax:**

**Email:**

**Educational Qualifications:**

**Nature of work:**

#### PAYMENT DETAILS:

The payments may be paid by **A/c Payee Cheques/ Demand Draft** to be drawn in favour of  
“IISWBM” or through online transfer as details given below:

**Account Name:** IISWBM

**Account Number:** 10252384198

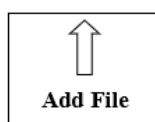
**Bank Name:** State Bank of India

**Branch Name:** Surya Sen Street Branch, Kolkata

**IFSC Code:** SBIN0003496

**Amount (Rs.) .....Date of Payments..... (UTR /Transaction No.): .....**

**Upload your payment receipt:**



**\*\*For Offline/Physical form submission, a copy of the Payment Receipt is to be attached with the form.**

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