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UNIVERSITY**
— LUCKNOW - INDIA —

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re
Sustainability Inc.



QUALITY IMPROVEMENT PROGRAM CUM WORKSHOP

ON

URBAN WASTE : CHALLENGES, MITIGATION & MANAGEMENT

17th - 24th SEPTEMBER 2025

ORGANIZED BY

DEPARTMENT OF ENVIRONMENTAL SCIENCE

In Collaboration with

RE SUSTAINABILITY AND SAWEN CONSULTANCY
(HYBRID MODE)



Concept Note

In urban areas, the sheer volume of waste generated can overwhelm waste management systems, leading to waste ending up in landfills or being incinerated, both of which have environmental impacts. Furthermore, the types of Pollution and the Impact of Pollution from waste are significant concerns that need addressing through effective management strategies. The purpose of this QIP cum workshop is to outline a comprehensive plan for implementing sustainable waste management practices in urban areas. By adopting sustainable waste management practices, we can minimize pollution, reduce landfill usage, and create a cleaner and healthier environment for urban dwellers.

Effective waste management is critical to building sustainable and resilient urban environments. It requires multi-stakeholder collaboration, policy alignment, technological innovation, and community participation. In this context, a dedicated workshop on urban waste management in collaboration with waste management company [Re Sustainability (Lucknow Swachhata Abhiyan)] and consultancy [Sawen Consultancy] has been finalized. These organizations will provide a platform for hands on training on various waste management in urban areas.

The event is aligned with SDG 3: Good health & wellbeing, SDG 4: Quality education, SDG 6- Clean Water and Sanitation, SDG 8: Decent workplace and economic growth, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible consumption and production

About the Department -:

The Department of Environmental Science acts as a nodal center for providing teaching support to various departments in the university as per UGC guidelines for courses like environment science and disaster management. It provides interface between academia and industry for finding solutions to the climate change and environmental issues. Presently, the Department offers the PhD. Degree program along with graduate and undergraduate courses M. Sc and B. Sc (Hons) in Environmental Science. The major research areas are basic and applied ecology, air, water and soil pollution, climate change and biodiversity, environmental impact assessment, bio-remediation, environmental toxicology, waste management, Remote Sensing/GIS etc.

About the Re sustainability-:

As the leading integrated sustainability solutions provider in Asia, re sustainability commitment to sustainability is at the forefront of everything they do. They offer a full range of sustainability solutions, including municipal, industrial, and biomedical waste collection and treatment, as well as efficient recycling. Lucknow Swachhata Abhiyan (LSA), a subsidiary of Re Sustainability Limited, is a leader in environmental management services across Asia. The subsidiary handles comprehensive waste management, including collection, transportation, treatment, recycling, and energy conversion. LSA ensures responsible disposal and recycling, conducts regular manual sweeping and drain cleaning, and manages horticulture and domestic hazardous waste transportation. The group's vision is a cleaner, greener future for Lucknow and beyond.

About the Sawen Consultancy-:

Sawen is working since 1999 with an objective to Provide Total Environmental Solution SAWEN stands for Soil, Air, Water, Effluent/Emission and Noise. Their training module for an environmental consultancy and laboratory aimed at students, interns and Environmental professionals is a fantastic way to build future-ready professionals who understand both the science and the ethics of environmental stewardship. It helps in developing well-rounded environmental professionals equipped with technical, analytical, and strategic consultancy skills including problem solving skills and suggesting remedies and solutions—aligned with sector specific, academic principles, and global sustainability mandates.

Objective

The main objectives of the workshop are to:

- Build awareness about the current challenges and opportunities in urban waste management.
- Offline hands-on training and workshop by the collaborative company and consultancy.
- Share best practices, innovations, and policy frameworks from successful urban models.
- Facilitate collaboration among stakeholders, including consultancies, Academics, NGO, Govt organizations.
- Promote circular economy principles and sustainable practices at the urban level.

Key Highlights:

- Hands on Training on waste management Machineries: Material Recovering Facility (MRF), Portable Compactor Transfer Station (PCTS), Mechanical Sweeping Machine (MSM), etc. Video of the hands-on training would be share with the online participants.
- Hands on training on the Scientific operation and quality control of STP
- Visit to the understanding the restructuring of landfill into cleaner urban space.

Themes

Day 1	17/09/2025	Inaugural function
Day 2	18/09/2025	Urban Waste Management: The alternative solution.
Day 3	19/09/2025	Managing E- Waste to Ensure Urban Sustainability.
Day 4	20/09/2025	Scientific operation and quality control of Sewage Treatment Plant.
Day 5	22/09/2025	Integrating Economic Incentives to Promote Recycling in Waste Management.
Day 6	23/09/2025	Landfill Emissions and Impact on the community and Environment.
Day 7	24/09/2025	Valedictory

Target Participants

The workshop will bring together key stakeholders, including:

- Urban planners and municipal officials, Waste management experts and environmental consultants, Academic and research institutions, Private sector players in recycling and waste technology, Community leaders and youth representatives.

Expected Outcomes

- Improved understanding of sustainable waste management approaches
- Strengthened collaboration among stakeholders
- Actionable recommendations for local governments and partners
- Compilation of best practices and case studies
- Commitments for follow-up initiatives and pilot projects

Registration Details

Registration Fee:- For Students : 300/-

For Research Scholars, Faculty and Academician : 500/-







Registration Link : <https://www.iul.ac.in/frmAdvProgramRegistration.aspx?id=221&n=QIP-cum-Workshop-ON-Urban-Waste>

WhatsApp link: https://chat.whatsapp.com/KtOgul4MNRcJyB7AaoHlnJ?mode=ems_share_c

Certificates will be issued to the registered participants on successful completion of programme.



SCAN FOR REGISTRATION

CHIEF-PATRON	PATRONS		CO-PATRONS		
					
Prof. S.W. Akhtar FOUNDER & CHANCELLOR Integral University	Dr. Syed Nadeem Akhtar Pro-Chancellor Integral University	Prof. Javed Musarrat Vice - Chancellor Integral University	Prof. Furqan Qamar Chief Advisor to the Chancellor Integral University	Prof. Mohd. Haris Siddiqui Registrar Integral University	Prof. Abdul Rahman Khan COE, Dean Faculty of Science Integral University

CONVENORS :

- **Dr. Ambrina Sardar Khan (Head)**, Department of Environmental Science.
- **Dr. R. K. Singh**, Owner and Managing Director, Sawen Group.
- **Mr. Ramesh Bitra**, Head of Corporate Communication, Re sustainability

CO-CONVENERS :

- **Dr. Rushda Sharf**, Assistant Professor; Department of Environmental Science
- **Dr. Azram Tahoor**, Assistant Professor; Department of Environmental Science
- **Mr. Ujjwal Chaurasia**, IEC Consultant; Re Sustainability;
- **Mr. S. K. Singh**, JMD, Sawen Consultancy Services Private Limited.

ORGANIZING COMMITTEE :

Prof. (Dr.) Monowar Alam Khalid	Dr. Amina Jafri
Dr. Shweta Yadav	Dr. Swati Maurya
Dr. Rahila Rahman Khan	Dr. Syed Saema
Dr. Mohd. Kashif Khan	Dr. Mohd. Usama
Dr. Anand Mishra	Dr. Mariya Hasnat



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