

About MNIT Jaipur

Malaviya National Institute of Technology Jaipur (Deemed University) is one of the premier NITs, designated with the status of "Institute of National Importance" by MHRD. The institute was established in 1963, and its campus spreads over 325 acres of lush green area in the central location of Jaipur city. The institute offers undergraduate and postgraduate courses (B.Tech., MTech. /MBA/ M.Sc. & Ph.D.) to about 4500 students, in leading fields of engineering, technology, architecture, management & sciences. Through the internationally renowned faculty, laboratories with state-of-the-art equipment, and excellent infrastructure, the institute is actively engaged in research, consultancy, and developmental activities, besides imparting regular teaching.

About Chemical Engineering Department

Welcome to the Department of Chemical Engineering at Malaviya National Institute of Technology Jaipur, where experienced faculty and highly motivated students supported by a dedicated staff. The Department offers academic programs at three levels leading to Bachelor of Technology (B.Tech.), Master of Technology (MTech.), and Doctor of Philosophy (Ph.D.) degrees. In addition, continuing education programs in specialized areas are offered regularly for industry professionals and academic staff from other colleges.

Patron

Prof. Narayana Prasad Padhy
Director, MNIT Jaipur

Chairman:

Dr. Sushant Upadhyaya, HOD, CHED

Coordinators and Event Organizers

Dr. Vikas Sangal, Associate Professor
Chemical Engineering Department
Dr. Rajeev Agrawal, Asso. Prof., MED

Convener

Dr. Manish Vashishtha, Professor, CHED
Dr. Shiv Om Meena, Assistant Professor, CHED

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Resource Persons

The various sessions of this workshop will be preceded by experts from IITs, NITs, and MNIT Jaipur.

During the program, participants will undergo lectures followed by equipment demonstrations and hands-on practice.

Eligibility / Target Audience

This high-end workshop is targeted towards PhD/PG/UG (4th year) students of Govt. / Govt. aided / self-financed Eng. Colleges.

Note: Selected participants will be provided food, accommodation, and travel support as per SERB norms.

Important date

The last date for Registration: 28th February 2024

Confirmation of selection by E-mail 4th March 2024

How to Apply / Registration

PG/PhD Students/Faculty: NIL (Including GST)

<https://forms.gle/t6g1VvVB4e5BBgFWA>

Venue

Department of Chemical Engineering, Malaviya
National Institute of Technology, Jaipur



High-End Workshop

on

“Sustainable Waste Management and Recycling”

(11th March – 17th March 2024)



Organized By

Department of Chemical Engineering
Malaviya National Institute of Technology
Jaipur -302017 Rajasthan – India

Under the ACCELERATE Vigyan Scheme of
SERB (DST), New Delhi

Program Objective- The program on aims to delve deeper into the dynamic field of clean air, wastewater treatment, waste management and recycling, focusing on novel and forward-thinking strategies that promote sustainability. Throughout the program, participants will explore the latest advancements in waste management technologies, including both conventional and emerging approaches. They will gain insights into cutting-edge recycling technologies and understanding their benefits, limitations, and applications in different industries.

About the Program-

This workshop will educate and provide hands-on training to the participants about wastewater treatment waste management and recycling for different industrial sectors. Also, it will be highly useful to exchange ideas, knowledge, skills, and experience among participants and experts relevant to the sustainable waste management. It will provide in-depth coverage of various notions based on Qualitative and Quantitative methods. In brief, the objective of the program may be:

1. Participants will explore the latest advancements in waste management technologies, including both conventional and emerging approaches.
2. Participants will discover innovative techniques and best practices for reducing waste generation, implementing waste segregation systems, and maximizing the recovery of valuable resources from waste streams.
3. The program will emphasize the importance of waste minimization and resource efficiency
4. The program will also address the challenges of sustainable waste management and opportunities in managing specific waste streams, such as electronic waste (e-waste) and hazardous waste.

The workshop on "Sustainable Waste Management and Recycling" offers an exciting opportunity for students to delve into the world of sustainable waste management and recycling .

Throughout the 13 sessions, participants will engage in hands-on activities and learn about various topics, including sustainability, wastewater treatment, air quality, extrusion and recycling, pollution control, solid waste management and advanced oxidation processes.

By attending this workshop, students will:

1. Learn the fundamentals: Participants will learn strategies to foster public awareness, encourage responsible waste disposal habits, and promote active participation in waste reduction and recycling initiatives.
2. Gain practical skills: Participants will gain an understanding of the policy landscape and explore successful case studies that showcase effective waste management governance models.
3. Solve real-world challenges: Participants will acquire knowledge and skills to implement innovative and sustainable waste management and recycling practices.
4. Explore integration opportunities: They will also explore innovative solutions and best practices for treating and mitigating the environmental impact of hazardous waste.
5. Stay ahead of the curve: Learn about emerging trends and future challenges in waste management to be better equipped for the evolving industry.

This workshop promises an immersive and interactive learning experience, allowing students to directly apply their knowledge and skills to solve complex sustainability problems.

Session Details: The workshop on " Sustainable Waste Management and Recycling" provides hands-on sessions for wastewater treatment, air quality , extrusion and recycling, pollution control, solid waste management and advanced oxidation processes. Over 13 sessions, participants learn about foster public awareness, encourage responsible waste disposal habits, and promote active participation in waste reduction and recycling initiatives along with case studies and discussions on future trends, challenges and hands-on practice.

Registration Form

High-End Workshop

On

“Sustainable Waste Management and Recycling”

11th March – 17th March 2024

Department of Chemical Engineering MNIT
Jaipur – 302017 Rajasthan

Name: _____

Category (PhD/PG/UG) (4thyear students:) _

Branch: _____

Year of Study: _____

Department: _____

Institute: _____

Mailing Address: _____

Phone (M): _____ (O): _____

Email: _____

Accommodation required? Yes/ No

Registration fee Details

(Not Required)

The above information provided is true and to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the program and MNIT Jaipur.

Date: _____ **Signature of Candidate**

The applicant will be permitted to participate in the above program if selected.

Date _____

Signature of Competent Authority