One Week
Online Short Term Course
on
Recent Advancements in Wastewater Treatment Techniques
(RAWTT-2024)
(21st to 25th October 2024)

Organized by

Department of Chemical Engineering
National Institute of Technology Srinagar
Hazratbal, Srinagar, Jammu & Kashmir, India

(An Institute of National Importance under Ministry of Education, Govt. of India)

https://www.nitsri.ac.in/

Aim & Objective of Course

The Short Term Course on "Recent Advances in Wastewater Treatment Techniques (RAWTT-2024)" aims to provide in-depth knowledge on the latest innovations in wastewater treatment. The program will cover cutting-edge technologies, sustainable practices, and practical applications to address current challenges in the field. Participants will gain valuable insights into modern techniques that can be integrated into research and teaching.

Expected Outcome

By the end of this program, the participants will be able to understand the applications of advanced wastewater treatment technologies and their environmental impacts. They will get insights into regulatory frameworks and global trends in wastewater treatment techniques. It will enhance their ability to implement innovative industrial and municipal wastewater treatment systems solutions.

Dates to Remember

- **Registration Starts: 10 October 2024**
- **Registration Ends: 18 October 2024**
- **Registration Fee: Faculty/Industry Person: Rs. 500/-**
  Student/Research Scholar: Rs. 300/-

Registration Link: https://forms.gle/ExV7AoSAcGCYVD16A

Payment Details:

- **Institution's A/C Name: Director NIT IRG other receipts**
- **Account No.: 0391040510000006**
- **IFSC Code: JAKA0RECSGR**
- **Bank Name: Jammu and Kashmir Bank**
- **Branch: REC Srinagar**

About NIT Srinagar

National Institute of Technology Srinagar was established in 1960 as the Regional Engineering College Srinagar. It was one of the first eight Regional Engineering Colleges (RECs) established by the Government of India during the first Five Year Plan (1956-61). It was upgraded to National Institute of Technology Srinagar in the year, 2003. NIT Srinagar is governed by the National Institutes of Technology Act, 2007 which has declared it as an Institute of National Importance. It is one of the 31 NITs and it is directly under the control of the MHRD. The Institute is situated at the banks of world-famous Dal Lake. Besides running various undergraduate, post graduate and doctoral programmes.

About Chemical Engineering Department

Department of Chemical Engineering was established in the year 1963 for five year undergraduate programme with total student intake of 27. The duration of degree was changed later in the year 1981 to four years. Currently Department offers B.Tech and M.Tech degree programmes with total intake of 103 and 19 students, respectively. Students are also pursuing their Ph.D. research under the guidance of faculty members of the Department. The students are rigorously trained and evaluated on a continuous basis in order to transform them into world class Chemical Engineers. The academic programme schemes have also been designed in tune with the requirements of the industry. The Department has well equipped laboratories to compliment the theoretical courses taught at graduate and post graduate level and to handle research in thrust areas like Energy, Environment, Biotechnology, Separation Processes, Modeling and Simulation etc.

Patron

Prof. A. Ravinder Nath, Director, NIT Srinagar

Co-Patron

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Department of Chemical Engineering, NIT Srinagar

Convener

Dr. B. Krishna Srihari, Assistant Professor,

Department of Chemical Engineering, NIT Srinagar

Coordinator

Dr. Brajesh Kumar, Assistant Professor,

Department of Chemical Engineering, NIT Srinagar

E-CERTIFICATE

Candidates successfully completing the course and submitting the feedback will be given a course completion E-certificate.

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Program Schedule

Day	Time	Title of the Session	Keynote Speaker
Day 1 21/10/2024	15:30 to 17:30	Advanced Oxidation Processes for Wastewater Remediation	Dr. Mahendra Chinthala Department of Chemical Engineering, NIT Rourkela
Day 2 22/10/2024	11:30 to 13:00	Wastewater treatment - Application of circular economy through membrane technologies	Dr. S. Prabhakar Ex-Head, Desalination Division BARC, Adjunct Professor, SRMIST, Chennai
Day 2 22/10/2024	15:30 to 17:30	Microfluidics for Wastewater Monitoring and Surveillance	Dr. Ashish Kapoor Department of Chemical Engineering HBTU Kanpur
Day 3 23/10/2024	15:30 to 17:30	Adsorption Techniques	Dr. Lovjeet Singh Department of Chemical Engineering, MNIT Jaipur
Day 4 24/10/2024	15:30 to 17:30	Application of Membrane Processes for Wastewater Treatment	Dr. Poonguzhali Department of Chemical Engineering, SRMIST, Kattankullathur, Chennai
Day 5 25/10/2024	15:30 to 17:30	Response Surface Methodology (RSM) in Wastewater Treatment	Dr. Anand Kishore Kola Department of Chemical Engineering, NIT Warangal