



ABOUT THE INSTITUTE

National Institute of Technology (NIT), Rourkela, was founded as Regional Engineering College, Rourkela, in 1961. It is a prestigious Institute with a reputation for excellence at both undergraduate and postgraduate levels, fostering the spirit of national integration among the students, close interaction with industry and a strong emphasis on basic and applied research. It has been consistently ranked within the TOP 20 engineering institutes for five consecutive years as per MHRD's NIRF Ranking, Govt. of India

website: www.nitrkl.ac.in

About the Department

The Department of Civil Engineering Started its journey in 1961. Ever since the inception, it has been imparting quality education to undergraduate Students. The department presently fosters five PG courses. There are about a dozen laboratories with various research and testing facilities. The faculty consists of eminent specialists from diverse fields, and there is a commendable research ambience in the department.

ORGANIZING COMMITTEE

Patron

Prof. K. Umamaheshwar Rao
Hon. Director, NIT Rourkela

Chairman

Prof. S. P. Singh
HOD, Department of Civil Engineering, NIT
Rourkela

Coordinators

Prof. Kakoli Karar Paul
Department of Civil Engineering
NIT Rourkela, Odisha
Tel.: (+91) 661 2462318
Mob. +91 9437461079
E-mail: kkpaul@nitrkl.ac.in

Prof. Maithili Mohanty
Department of Civil Engineering,
NIT Rourkela, Odisha Ph: +91 7978889096
E-mail: mohantym@nitrkl.ac.in

Student Coordinators

Jayashree Ojha

A 5-Day Short Term Course On **Emerging Trends in Environmental Engineering for Sustainable Development (ETEESD 2025)**

(Online Mode)

24th June 2025 to 28th June 2025

by

Prof. Kakoli Karar Paul

&

Prof. Maithili Mohanty



Department of Civil Engineering
National Institute of Technology
Rourkela 769008



ABOUT THE WORKSHOP

The workshop, titled "**Emerging Trends in Environmental Engineering for Sustainable Development**", aims to bring together experts, researchers, academicians, and practitioners to discuss and exchange knowledge on the latest advancements and challenges in environmental engineering. This program is designed to address critical environmental issues through innovative approaches, fostering sustainable solutions that balance ecological preservation with societal needs.

CONTENTS OF THE WORKSHOP

The workshop titled "**Emerging Trends in Environmental Engineering for Sustainable Development**" will focus on key themes like climate change mitigation, water and wastewater treatment, air pollution control, and sustainable development. It equips participants with essential skills to tackle complex environmental challenges, develop innovative solutions, and enhance teamwork. By integrating conventional and emerging technologies, the workshop prepares attendees to address real-world environmental problems effectively. Topics to be covered can be broadly summarized as

Water and Wastewater Treatment Technologies
Air Quality Management
Solid and Hazardous Waste Management
Climate Change and Sustainability
Soil and Groundwater Remediation
Carbon Capture, Storage, and Utilization (CCSU)
Environmental Monitoring and Modeling
Urban and Rural Environmental Challenges
Green Hydrogen Production and Applications
Sustainable Agriculture and Agroecology
Circular Economy and Resource Recovery
Emerging Topics in Environmental Technology

INTENDED ATTENDEES

Engineers from Government organizations/ industries, architects, urban planners, environment consultants and NGOs with interest in the theory, practice and policy of air, water & wastewater management. Participation in this workshop is open to faculty and students at recognized technical institutes, researchers from the research laboratory, engineers from industries and any other interested personnel. The successful participants will be given a participation certificate.

CORRESPONDENCE

1) Prof. (Mrs.) Kakoli K. Paul
Coordinator
Department of Civil Engineering,
National Institute of Technology
Rourkela 769008
Ph : (0661) 246 2318(O), 246 3318(R)
Mob: 9437461079
Email: kkpaul31@gmail.com, kkpaul@nitrkl.ac.in

2) Prof. Maithili Mohanty
Coordinator
Department of Civil Engineering,
National Institute of Technology
Rourkela 769008
Mob: +91-7978889096
Email: mohantym@nitrkl.ac.in

CONTACT PERSON

Jayashree Ojha
Mob: +91-8093423717,
Email: 524CE6013@nitrkl.ac.in

REGISTRATION

The participant can register in the google form

<https://forms.gle/jDN8tDP7ib8bEMP3A>

Registration Fee (Including 18% GST)

Employees from the Industry and R & D organizations	Rs. 5000/-
Faculty of Academic Institutions	Rs. 4000/-
Research scholars and students (Online)	Rs. 1000/-

Registration fee can be paid online via NEFT/RTGS/IMPS using the following information:

Name: CONTINUING EDUCATION NIT ROURKELA

A/C No.: 10138951784

Bank: State Bank of India

Branch: NIT Campus Rourkela

IFSC Code: SBIN0002109

IMPORTANT DATES

Last date of receipt of application: 10th June 2025

Notifications of participants: 11th June 2025

Workshop duration: 24th June 2025 to 28th June 2025.