

Learning objectives of this workshop

The aim of this proposed programme is

- To bring together a network of researchers in the area of advanced oxidation processes for wastewater treatment and organic compound synthesis
- To provide young researchers an opportunity to interact with experts and clarify their queries in the area of advanced oxidation processes
- To witness the recent advances in advanced oxidation processes application in wastewater treatment and chemical synthesis
- To develop awareness about the advances in heterogeneous catalyst synthesis in advanced oxidation processes
- To demonstrate the conduction of experiments and challenges in using different AOP techniques for addressing environmental remediation issues.

Organizing Committee

Patron

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

Chariman

Prof. Abanti Sahoo, Head & Professor
Department of Chemical Engineering
NIT Rourkela

Convenor

Dr. Mahendra Chinthala
Assistant Professor

Department of Chemical Engineering
NIT Rourkela

Co-Convenors

Prof. Sujit Sen
Associate Professor

Dr. Suvarna Trivedi
Assistant Professor

Department of Chemical Engineering,
NIT Rourkela

Address for Communication

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Accelerate Vigyan "KARYASHALA"

Sponsored

A one week workshop on

Advanced Oxidation
Processes for Environmental
Remediation [AOPER-2022]

04th Jan to 10th Jan, 2023

Organized By



Department of Chemical Engineering
National Institute of Technology
Rourkela,
Odisha-769008

Sponsored Organization
Science and Engineering Research
Board (SERB), GOI



About Institute

National Institute of Technology (NIT) Rourkela is an institution of national importance funded by Ministry of Human Resource Development. It is one of the premier national level institutions for technical education in the country. The main objective of the institute is to produce quality engineers and scientists in graduate, post-graduate and doctoral levels in various branches of Engineering and Science. NIT Rourkela was ranked 601-800 in the world by the Times Higher Education World University Rankings of 2018 and 126th in Asia. In India, it was ranked 16 among engineering colleges by the National Institutional Ranking Framework (NIRF) in 2019. For details about the institute please visit us at www.nitrkl.ac.in

About the Department

The Department of Chemical Engineering is one of the oldest departments of NITRKL, established in the year of 1961. Since then, it has witnessed a lot of changes in academics through the years and has dynamically progressed in lieu of the current demands. Over these wonderful years of its existence, the department serves as a beacon of knowledge and wisdom. Bestowed with erudite faculties and disciplined staffs (present and past), the department has come a long way from a humble beginning to a force to reckon with.

KARYASHALA is aimed to provide hands-on experience to the students primarily from universities, colleges, private academic institutions, and newly established institutes in handling/troubleshooting of high-end scientific instruments and such skill development on themes required for research work.

SCOPE

The program is meant to support motivated PG and Ph.D. level students, who are having a strong willingness to get excellence in their scientific and engineering research pursuits.

Registration fee: NIL

- The participants will be provided with free accommodation and food during their stay
- The participating students will also be eligible for TA reimbursement (upto 3AC) for their journey to the host institute from their hometown/home institute, both ways.

Website:

<https://sites.google.com/chemical-nitrkl.co.in/aoper2022>

Registration link:

<https://forms.gle/6BGKUZ8yXut9SxXe9>

KARYASHALA

A one week online workshop on

Advanced Oxidation Processes for Environmental Remediation [AOPER-2022]

4th Jan to 10th Jan,2023

REGISTRATION FORM

**Name of
Scholar:.....**

**Name of
Supervisor:.....**

**Department:
.....**

**Institution:
.....**

**Institute Address:
.....**

**E-mail:
.....**

**Mobile.No:
.....**

(Letter of Recommendation from Supervisor need to be uploaded)*

**Date:
.....**

**Signature of
Scholar:.....**