

# 1<sup>st</sup> International Conference

On

## "Separation & Purification Techniques: Environmental Applications" From 19<sup>th</sup> – 20<sup>th</sup> January 2024

### REGISTRATION FORM

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Note: Registration must be made through online payment only.

- Account Name : Director NIT Raipur
- Account No.: 38027633250
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- Bank Name : State Bank of India
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(Director, NIT Raipur)

### PATRON

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(Dean (R&C), NIT Raipur)

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(Professor, Department of Chemical Engineering, NIT Raipur)

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(Head, Department of Chemical Engineering, NIT Raipur)

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**Dr. J. Anandkumar**  
(Associate Professor)

**Dr. C. Thakur**  
(Assistant Professor)

**Dr. M.S. Gaikwad**  
(Assistant Professor)  
(Department of Chemical Engineering, NIT Raipur)

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## "Separation & Purification Techniques: Environmental Applications"

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Organized By

**Department of Chemical Engineering  
National Institute of Technology Raipur  
Raipur-492010 (Chhattisgarh), India**

### ADDRESS FOR CORRESPONDENCE

**Dr. J. Anandkumar  
Dr. C. Thakur  
Dr. M.S. Gaikwad**

(Organizing Secretaries)  
Department of Chemical Engineering  
National Institute of Technology Raipur

Email : [anandj.che@nitrr.ac.in](mailto:anandj.che@nitrr.ac.in)  
[cthakur.che@nitrr.ac.in](mailto:cthakur.che@nitrr.ac.in)  
[msgaikwad.che@nitrr.ac.in](mailto:msgaikwad.che@nitrr.ac.in)

Contact : +91-6395953499, +91-7354951575

### ABOUT THE INSTITUTE :

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our Hon'ble president Dr. Rajendra Prasad on 14<sup>th</sup> September 1956 the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14<sup>th</sup> March 1963. From 1<sup>st</sup> December 2005, the institute has become the National Institute of Technology. It is well connected with Mumbai, Delhi and all metro cities by regular flights and is on the main Howrah-Mumbai railway route. The institute is 5 km from the Raipur railway station and 18 km from airport on NH-6, the Great Eastern Road.

### ABOUT DEPARTMENT :

The Chemical Engineering Department was established in the year 1962 under the aegis of Government Engineering College, Raipur (now National Institute of Technology Raipur, Raipur). The Department is offering undergraduate course (B.Tech. in Chemical engineering), one post-graduate course (M.Tech. in Energy & Environment) and Ph.D. programme (Research in various Chemical Engineering & Allied areas). UG course (B.Tech. in Chemical Engineering) has been accredited by NBA.

### AIM OF THE CONFERENCE :

The aim of this program is to provide a valuable and important platform for interaction, exchange of knowledge and innovative ideas on recent research trends in separation & purification techniques used for various environmental applications in the field of Chemical Engineering, Chemistry, Biotechnology, Environmental Science & Engineering, Pharmaceutical & AYUSH etc. among the experts from industry, R&D sector and reputed academic institutes and their the faculty members, research scholars, young scientists, postgraduate and undergraduate students.

### SCOPE OF THE CONFERENCE :

This International Conference on Separation & Purification Techniques is organized to provide a thorough exposure on recent and future research trends in the field of Separation and Purification Techniques for various environmental applications. Distinguishing features of this programme include keynote lectures by the distinguished experts from world renowned organizations. This conference will provide opportunities to faculty members, engineers, students, industrial people and other researchers to share the latest advancements in the areas of Chemical & Energy Engineering, Chemistry, Biotechnology, Environmental Science and Technology, Pharmaceutical, AYUSH and other relevant fields. This conference will also have series of oral presentation sessions with different themes of separation and purifications techniques.

### THEME TO BE COVERED :

- Advances in Membrane Separation Processes
- Modern Physio-Chemical & Bio-Separation & Purification Processes for Environmental Management
- Advanced Purification methods used in the Industries
- Separation Techniques for Energy Management
- Applications of Nanotechnology & Polymer Science for Environmental Remediation
- Materials for carbon capture, storage and utilization.
- Utilization of waste materials for circular economy.
- Applications of Analytical Equipments (AAS, GC, GC-MS, FTIR, HPLC, Rheometer etc.) related to Environmental applications
- Other topics related to themes of the Conference

### REGISTRATION FEES DETAILS :

Research Scholars, UG & PG Students	Rs. 1500/-
Faculty & R&D persons	Rs. 2500/-
Industrial Delegates	Rs. 4000/-
Foreign Delegates	150 USD

Note : (i) Above fee is including the GST.  
(ii) Fooding & Lodging is not included in the registration.

### CONFERENCE PUBLICATION & AWARDS :

- The selected full-length papers will be published as Book chapters and in the reputed Scopus/SCI indexed Journals. All the remaining accepted papers will be published in the conference proceedings (The details of the publications will be updated soon on the conference website.)
- The best oral papers will be awarded in the closing session of the conference.

### OTHER DETAILS :

- Virtual presentation will be only allowed for the delegates from outside the India and their conference certificates will be sent by email.
- Conference schedule and other details will be updated in conference website.
- For manuscript submission guidelines: Refer to our conference webpage [icspt.nitr.ac.in](https://icspt.nitr.ac.in) & [www.nitr.ac.in/conferences.php](https://www.nitr.ac.in/conferences.php)
- For any quires about submission: Email to : [icspt@nitr.ac.in](mailto:icspt@nitr.ac.in)
- Abstract Submission link: <https://forms.gle/SE7D6ZGUJY8kYzdSA>
- To access the above links copy paste the links in the separate browser.

### IMPORTANT DATES :

- Conference Dates : **19<sup>th</sup> – 20<sup>th</sup> January, 2024**
- Abstract Submission : **05<sup>th</sup> December, 2023**
- Acceptance Notification : **20<sup>th</sup> December, 2023**
- Registration Deadline : **30<sup>th</sup> December, 2023**
- Full length Paper Submission : **10<sup>th</sup> February, 2024**

**: VENUE :**  
**NIT RAIPUR, G.E. ROAD,**  
**RAIPUR-492010,**  
**CHHATTISGARH, INDIA**  
[www.nitr.ac.in](https://www.nitr.ac.in)