Central Pollution Control Board, New Delhi
Sponsored Training Programme
on
“Advance Instruments, Analytical Techniques & Analysis of Metals and Pesticides in Water Samples”
18th to 20th January, 2024

Registration Form

Name: ___________________________________________
Designation: ________________________________
Department: ________________________________
Qualification: ________________________________
Organization/Industry: _________________________
Mailing Address: ______________________________
Mobile: ______________________________________
Email: _______________________________________
SB Collect Ref. No.: ___________________________
Rs.: _________________________________________

Contacts:
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+91-8879439922
Email: ariva@nitt.edu, jyoti@nitt.edu
Address: Department of Chemical Engineering, National Institute of Technology, Tiruchirappalli, Tamilnadu-620015 (India)
About Institute:
The National Institute of Technology Tiruchirappalli, formerly known as Regional Engineering College Trichy, is a distinguished institution among the 31 National Institutes of Technology established by the Government of India in 1964. Positioned strategically in Tamil Nadu along the Cauvery River, NITT has consistently maintained premier status. Acknowledged for an unwavering commitment to technical excellence, the institute holds the top rank among NITs and secures the 9th position in engineering as per the National Institutional Ranking Framework (NIRF).

Originally addressing the nation's demand for technological manpower, NITT evolved into an autonomous co-educational technological institution. Offering 10 undergraduate and 31 postgraduate programs spanning diverse disciplines, such as Engineering, Science, Architecture, and Management, the institute is guided by core values of integrity, unity, excellence, and inclusivity. NITT envisions itself as a globally trusted university for technical excellence, evident in its commitment to seamlessly integrating learning and research. The institute's unwavering pursuit of technical excellence is reflected in its dedicated faculty, state-of-the-art infrastructure, and notable features like the sprawling 800-acre campus, advanced supercomputer (Param Porul), and a 24x7 hospital. This solidifies NITT's standing as a beacon of academic distinction and innovation in technological education.

About Department:
Established in 1967, NIT Tiruchirappalli’s Department of Chemical Engineering is esteemed among India's top seven, acknowledged by industries and academia. Accredited by the NBA, it offers B.Tech., M.Tech., and Ph.D. programs, regularly updating its curriculum to align with industry and research trends. Focused on Energy, Environment, Process Control, and Advanced Materials, it boasts well-equipped facilities with support from the Ministry of Human Resources Development. Notable alumni hold global positions, and the department actively engages students in interdisciplinary activities. Collaborating with industries, it establishes a cutting-edge pilot plant, providing consultancy services—a commitment to excellence in education and research.

About the Course:

Course Overview:
- In-depth exploration of advanced instruments and analytical techniques.
- Focus on the analysis of metals and pesticides in water samples.

Key Topics Covered:
- Principles of instrumental analysis.
- Advanced analytical techniques for water sample analysis.
- Identification and quantification of metals.
- Detection and analysis of pesticides.

Instrumentation:
- Hands-on experience with state-of-the-art analytical instruments.
- Training on spectrometry, chromatography, and other cutting-edge tools.

Laboratory Practices:
- Practical sessions emphasizing real-world water sample analysis.
- Skill development in sample preparation and handling.

Data Interpretation:
- Methods for interpreting complex analytical data.
- Statistical analysis and reporting of results.

Environmental Relevance:
- Understanding the impact of metals and pesticides on water quality.
- Practical applications for environmental monitoring and regulation.

Case Studies:
- Examination of real-world cases involving water contamination.
- Analysis of diverse water sources and scenarios.

Regulatory Compliance:
- Familiarity with regulatory standards for water quality.
- Guidelines for compliance and reporting.

Emerging Technologies:
- Exploration of the latest advancements in analytical technology.
- Integration of cutting-edge methods into water analysis.

Targeted Participants:
- Central & State Pollution Control Board
- Persons from Industry
- Research Scholars from Engineering & Science
- Govt. organizations

Registration Details:
Participants are requested to pay registration fee by online mode to following SBI Collect:
Step 1: Go to https://www.onlinesbi.sbi/sbicollect/icollecthome.htm
Step 2: Select the state as ‘Tamilnadu’, and category as ‘Educational institutes’
Step 3: Select ‘Conference and workshop NIT Trichy’
Step 4: Select payment category as CHLJSPWS2024
Step 5: Make payment through UPI/Net Banking/Credit card/NEFT.
Step 6: Fill transaction reference in the registration form

The duly filled registration form must be sent to jyoti@nitt.edu on or before 16th January, 2024.

Registration Fee:
UG Student: Rs. 1000/-
Faculty/Research Scholar: Rs.1500/-
Person from Industry/Private Institution: Rs. 4000/-
Course fee, accommodation and food would be free for the 20 sponsored candidates.
Accommodation charges are not included in the registration fee.
Accommodation in the institute guest house is subject to availability.
Last Date of Registration: 16th January, 2024