

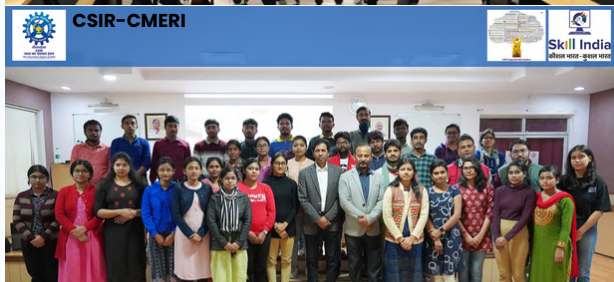
CSIR-CIMFR



CSIR-IICT



CSIR-CMERI



CSIR-NCL



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### In this issue

- Skill Training by CSIR
- Nodal Office Update
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- Upcoming Events
- News Clippings
- Glimpses
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## SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-CIMFR, Dhanbad organized a Skill-cum-Entrepreneurship Development program on "IoT-based Automation for Energy-Efficient Mining System" from 4th-8th Dec, 2023



CSIR-NCL, Pune is organizing a program on "Chromatographic Techniques" during 28th November to 15th December, 2023. This 3 weeks residential course includes training on GC, GC-MS, HPLC, HPLC-MS, HRMS



CSIR-IGIB, Delhi organized a 30-days Advanced Training Course in "Genomics and Molecular Technologies" for Industrial Applications. The course structure included an end-to-end whole genome sequencing (WGS) workflow inclusive of DNA library preparation to bioinformatics pipelines for delivering high-quality insights on the industrial application of WGS technology from 01st -30th November, 2023



CSIR-CECRI, Karaikudi organized a Five Days Industry Oriented Tailor-made Special Refresher Course on Lithium-ion battery: Materials to Manufacturing during 11-15 December, 2023



CSIR-CIMAP, Lucknow commenced a skill up-gradation training program for 30 M.Sc. students of Department of Chemistry, University of Lucknow, from 11 -22 Dec, 2023

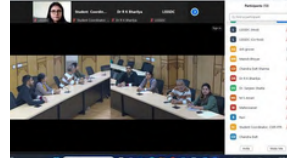


CSIR-CGCRI, Kolkata organized various programs on Refractory testing, Terracotta processing & Classical & Advanced Instrumental Analysis of different raw materials during the month of November, 2023



- [CSIR-IICT, Hyderabad conducted Finishing School Training on Advanced Synthetic Organic Chemistry to the PG Students in Chemistry from 7th Aug 2023 to 4th Dec 2023](#)
- [CSIR-CMERI, Durgapur organized its 20th batch of Skill Development Training Program on "Analytical Techniques and Instrumentation for Water Quality Assessment" from 5th-7th Dec, 2023](#)
- [CSIR-NEERI, Nagpur had organized a Skill Training Program on "Ecology and Biodiversity Studies for EIA Projects" during 05th-07th Dec, 2023](#)
- [CSIR-CIMAP, Lucknow organized a program on "Ligand-Protein Interaction through Molecular Docking, MD Simulation & PCA in Determining Essential Dynamics" from 7th-14th Dec, 2023](#)
- [CSIR-IITR, Lucknow conducted a 03-day workshop on "Principles and Applications of Liquid Chromatography-Tandem Mass Spectroscopy\( LC-MS/MS\) Towards Emerging Contaminants Analysis- Batch 2" Program from 04th-06th Dec, 2023.](#)
- [CSIR-IICB, Kolkata hosted a skill development program from 28th November to 11th December 2023. In this session, 72 trainees successfully completed their training across 11 parallel programs, covering areas, such as GCMS, LCMS, HPLC, Separation Techniques, Protein X-ray Crystallography, Cryo-EM, Advanced Bioinformatics, Flow Cytometry, RT PCR, Clinical Biochemistry, and Molecular Cloning](#)
- [CSIR-4PI, Bengluru organized a program on "From Data to Decision Support System"- A Data Science Hands on Workshop from 11-15 Dec, 2023](#)
- [CSIR-CEERI organised a One-day Scientific Workshop for 25 faculty members from various colleges at Jaipur Centre campus on 12th Dec 2023](#)

» Skill nodal office (HRDC) organized an Orientation Session on WorldSkills Competition 2024 (WSC 2024) on Dec 06, 2023 jointly with Life Sciences Sector Skill Development Council (LSSSDC) to sensitize CSIR SDP nodal on WSC 2024 & briefed about various opportunities for CSIR in it.



## GENERAL EVENTS

### सामान्य आयोजन

- » Govt. contemplates skill development Next Age programme for benefit of youth
- » NSDC partners with Blinkit, Apna and Qess Corp to boost employment and skill development
- » Dell Technologies' India Digital Inclusion Program Outreach Expanded After Equipping 2 Million Citizens with Digital Skills
- » NLC India signs pact with TNSDC(Tamil Nadu Skill Development Corp) and NTTF for skill training
- » IEEE(Institute of Electrical and Electronics Engineers) to issue blockchain skill certificates on Avalanche in India
- » IREL conducts skill development programme for youth from mining areas
- » How Education, Skills and Employment relatable?
- » Andhra Pradesh Govt To Launch Rs 100 cr Plan To Upgrade Skill Development Institutes Across State
- » 80% youth in rural India are yet to pursue vocational training, emphasising a significant skills gap
- » NSDC signs three MoUs to make youths employable
- » Himalayan University, Arunachal Pradesh conducted One month training on 'Soft Skill Development Program'
- » Unlock New Levels of Performance with Skills Mapping
- » Impact of Soft Skills development on Improving University
- » Investing in skill measurement methods is a must to create a skill-based organisation
- » Two skill training programs on agroforestry enterprises begin at SKUAST-Kashmir
- » Movate wins NASSCOM Digital Skills Award 2023
- » Skill India's Pilot Project Revives Namda Craft In Jammu & Kashmir
- » How India's new-collar workforce adapts to tech and skills over degrees
- » UGC Approves Guidelines for Credit-linked Short-term Skill Courses
- » India Skills 2023-2024: National competition aims to showcase diverse talents, elevate skill standards
- » ESRI partners CKS to launch new program to improve geospatial technology skills, innovation in India
- » Center drives Skill India Mission to equip youth with future-ready skills
- » Steps Taken By The Government To Promote Skill Development & Entrepreneurship Across The Country
- » 21.15 lakh applications received under PM Vishwakarma Scheme, says Skill Ministry
- » Why experts focus on high-demand skill sets in PGDM programmes for new India
- » Dr Vivek Bindra is making India Skill Ready by Launching a Free MBA Program

- » 87% of Indian women prioritise tech upskilling; reveals Emeritus Global Workplace Skills Study 2023
- » New Zealand to accept IELTS one skill retake
- » Udemy Launches New Offering for Businesses in India to Drive Employee Learning and Skills Development
- » German Varsity's Nano Master Earns Credit Recognition Through Joint Certification With Indian Sector Skill Councils

### Participate in India's Biggest Skill Competition

## Registration Open !

Last Date : 15th December 2023

### Are you ready to show your talent and skills on National stage ?

## Skill: Chemical Laboratory Technology

For registration:  
[www.skillindiadigital.gov.in](http://www.skillindiadigital.gov.in)

To know more, call: 011 4104 2407  
[communications@lssdc.in](mailto:communications@lssdc.in)

### CSIR - Integrated Skill Initiative

Workshop On

#### INSTRUMENTAL AND COMPUTATIONAL TOOLS FOR ENVIRONMENTAL POLLUTION MONITORING AND ASSESSMENT

Dec. 20<sup>th</sup> - 22<sup>nd</sup> 2023 9:30 AM onwards

REGISTER NOW

VENUE: CSIR-ITIR, CRI Campus, Hyderabad-500017

Learn with us

- Monitoring and sample collection for the stack emissions and ambient air, and physico-chemical speciation analysis of air pollutants
- Data extraction, statistics, and assessment practices on environmental pollution measurements, sources, meteorological and terrain data products
- Dispersion and receptor modeling techniques for emission inventory, and identification and apportionment of environmental pollution sources

Eligibility: Science or Engineering graduates in Tech./M.Sc./M.Tech./M.Phil./Environmental/Chemical/Computer/Industrial/Chemical/Physical/Mechanical/Trained

For Queries, contact: Dr. Anil Kumar (Node Scientist) - 9307492328, Anurag Kumar (Project Associate) - 9998931212, Sudeep Kumar (Project Associate) - 9836604784

CSIR-Indian Institute of Technology Research, C.R. Krishnamoorti (CNC) Campus, Sarang Nagar Industrial Area, Ghaziabad, Lucknow - 226 001

### CSIR-Integrated Skill Initiatives Programs - ON

#### PLANT TISSUE CULTURE TECHNICIAN

13<sup>th</sup> Dec. 2023 To 17<sup>th</sup> Jan. 2024

**Objectives:** The Plant Tissue Culture Technician program, certified by the Agriculture Skill Council of India (ASCI), a unit of the National Skill Development Corporation (NSDC) in India, is to provide technical training in Plant Tissue Culture (PTC) to unemployed youth, particularly those who have completed their 12th grade education. The program aims to equip them with the knowledge and skills required to work in the field of PTC, either in PTC industries or laboratories, enabling them to replicate established protocols.

**Course Includes:**

- Theory and Practical Balance
- Varied Teaching Methods
- Hands-on Practical Experience
- Comprehensive Understanding
- Placement Opportunities

**Practical Course Fee:** ₹ 20000/- (Includes: 10% of the total fee)

**Course Fee:** ₹ 20000/- (Includes: 10% of the total fee)

**Registration Fee:** ₹ 5000/-

**Course Coordinator:** Dr. Debashish Chakrabarty, Senior Principal Scientist, NBRI, Lucknow

**Programme Coordinator:** Mr. Manish S. Shrivastava, Senior Scientist & IITP Nodal Officer, NBRI, Lucknow

**Account Details:** Director, National Botanical Research Institute, Lucknow, Bank: State Bank of India, Account No.: 3042792187, IFSC Code: SBIN0017000

**Registration Dates:** 13<sup>th</sup> Dec. 2023 to 17<sup>th</sup> Jan. 2024

**Registration Link:** <https://www.skillindiadigital.gov.in>

### CSIR-NCL Integrative Skill Initiative

#### Skill Development Course in Synthetic Organic Chemistry

Course Title: Synthetic Organic Chemistry

Course Code: SOP\_NCL34\_2023

Commencement Date: 01/10/2024

End Date: 28/02/2024

Registration Deadline Date: 30/11/2023

Selection Intimation Date: 01/12/2023

Duration: 12 weeks

Seat Available: 20

Eligibility: M. Sc. (Chemistry Completed)

**How to Apply:** Apply Online at the following website <http://ncl.ncl.res.in/inf.html>

**Mailing Address:** Coordinator, CSIR-NCL Skill Development Program, CRI Division, CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pune-411 008, India

**Course Content:** Students will be working in some of the established groups for hands-on training for various organic transformations and reactions of multiple synthesis. The training will be carried out following proper planning and safety requirement, setting up the reactions under direct guidance, reaction monitoring, product isolation and purification, and analysis of product(s) formed. The experiments and its analysis will be documented for reference. As a prerequisite, in the first two weeks, the students will undergo hands-on training for laboratory safety, safe practices with laboratory chemicals, literature data mining, analytical data processing and proper record keeping.

**Course Instructors:** Scientist's of Organic Chemistry Division, CSIR-NCL

### CSIR-National Institute for Interdisciplinary Science and Technology

#### Practical Course

#### Microbial Identification: From Sequences to Species

08-11 January 2024, Trivandrum, India

**SPEAKERS:**

- Dr. Rajan Rosalio Ison
- Indira Mohanan d'Edwards Avargas, (CSIR-UIB), Spain
- Dr. Rakshak Sharma, CSIR-IGIB, New Delhi
- Dr. Syed Danish, CSIR-NCL, Pune
- Dr. Kiranraj Murugesan, CSIR-MITRC, Chennai

**PRACTICAL COURSE FEE:** UGR/PG/PHD Students - ₹6,000/-; Industry - ₹6,000/-

**NO. OF SEATS:** 12

**APPLY ONLINE:** <http://ncl.ncl.res.in>

**PAYMENT DETAILS:** The Director, CSIR-NIST (Regional Research Laboratory-RRL), Account No: 6104723025, IFSC Code: SBIN0070030, Bank: State Bank of India (SBI), Address: Pappanamcode, Industrial Estate

**CONTACT DETAILS:** Skill Development Coordinator, Phone: 0471-2615308, Email: [sd@ncl.ncl.res.in](mailto:sd@ncl.ncl.res.in)

**COURSE COORDINATOR:** Dr. N. Ramesh Kumar, Phone: 0949629175, Email: [nramesh@ncl.res.in](mailto:nramesh@ncl.res.in)

CSIR-National Institute for Interdisciplinary Science and Technology, Thuvananthapuram-695 019, Kerala, India

### CSIR-NCL SKILL DEVELOPMENT PROGRAM

#### "Industrial Catalysis"

<https://nclsdip.ncl.res.in/>

**ABOUT COURSE:** More weightage on hands-on practice, interactive sessions, robust & sustainable training module, affordable fee structure, brief on career options.

**COURSE INSTRUCTORS:** Dr. N. Ramesh Kumar, Dr. N. Ramesh Kumar, Dr. N. Ramesh Kumar

**FOR WHOM:** UGR/PG/PHD Students, Industry, Government Employees

**HOW TO APPLY:** Application form is available at <http://nclsdip.ncl.res.in/>

**WHY CHOOSE US:**

- More weightage on hands-on practice
- Interactive sessions
- Robust & sustainable training module
- Affordable fee structure
- Brief on career options
- Networking

CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pune-411008

### CSIR-Integrated Skill Initiatives Training Program

#### SOIL & WATER TESTING LAB ANALYST

The primary objective of this course is to equip participants with comprehensive knowledge and practical skills related to soil management, soil health assessment, and environmental sustainability. By the end of this course, participants will be able to:

- Understand the importance of soil and water testing in agriculture and environmental science.
- Perform various soil and water testing procedures.
- Analyze and interpret test results.
- Apply the knowledge gained to improve soil health and water management practices.

**EDUCATIONAL QUALIFICATION:** Graduate in Agricultural Science (Preference shall be given to agriculture graduate candidates)

**COURSE COORDINATOR:** Dr. Lal Bahadur, Project Scientist, NBRI, Lucknow

**PROGRAMME COORDINATOR:** Dr. Manish S. Shrivastava, Senior Scientist & IITP Nodal Officer, NBRI, Lucknow

**Account Details:** Director, National Botanical Research Institute, Lucknow, Bank: State Bank of India, Account No.: 3042792187, IFSC Code: SBIN0017000

**Dates:** 19<sup>th</sup> Dec. 2023 to 24<sup>th</sup> Jan. 2024

**Registration Link:** <https://www.skillindiadigital.gov.in>

# NEWS CLIPPINGS

## न्यूज़ क्लिपिंग

**सिंफर में कौशल-उद्यमिता विकास कार्यक्रम शुरु**

08 to 09 December 2023  
Under CSIR Integrated Skill Initiative

सिंफर में आयोजित कार्यशाला में प्रशिक्षुओं के साथ निदेशक व विज्ञानी जागरण जासं, धनबाद : सिंफर की ओर से सोमवार को सीएसआईआर एकीकृत कौशल पहल के तहत पांच दिवसीय कौशल व उद्यमिता विकास कार्यक्रम की शुरुआत हुई। ऊर्जा कुशल खनन प्रणाली के लिए आइओटी आधारित स्वचालन विषय पर आयोजित कार्यक्रम में निदेशक प्रो. एके मिश्रा ने कहा कि आयोजन का उद्देश्य छात्रों में कौशल विकास के साथ उद्यमिता की सोच विकसित करना है। उन्होंने कार्यक्रम के महत्व के बारे में छात्रों को अवगत कराया। मौके पर मुख्य विज्ञानी व प्रमुख मानव संसाधन विकास दिलीप कुंभकार, वरिष्ठ तकनीशियन डा. शंखजीत मित्रा के साथ एनआईटी रायपुर, वीआईटी सिंदरी, यूसीईटी, विभावि समेत सिंफर के अधिकारियों व परियोजना सहयोगियों ने भाग लिया।

**CSIR-NCL**



**CSIR-CIMAP**



**CSIR-IICT**



**CSIR-CMERI**



**CSIR-IITR**



**CSIR-CIMFR**



**CSIR-NEERI**



**CSIR-IICB**



**CSIR-CGCRI**



**CSIR-CIMAP**



**CSIR-4PI**



**CSIR-IGIB**



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## CSIR INTEGRATED SKILL INITIATIVE

to get yourself updated on our Skill Development Programs (SDPs)

### USEFUL LINKS

उपयोगी लिंक्स

<https://www.csir.res.in/csir-labs-units>

<https://msde.gov.in>

<https://nsdcindia.org>

<https://ncvet.gov.in>

<https://www.education.gov.in>

<https://www.nqr.gov.in>

**CSIR-Human Resource Development Centre  
(Skill Nodal Office)**

Sector -19, Central Govt. Enclave,  
Kamla Nehru Nagar  
Ghaziabad- 201002 (UP) India

e-mail: head[at]csirhrdc[dot]res[dot]in  
Tele-Ph.: +91-120-2788940/2785053

**सीएसआईआर-मानव संसाधन विकास केंद्र  
(कौशल नोडल कार्यालय)**

सेक्टर -19, केंद्र सरकार एन्क्लेव,  
कमला नेहरू नगर  
गाजियाबाद- 201002 (यूपी) भारत

ई-मेल: head[at]csirhrdc[dot]res[dot]in  
टेली-फोन: +91-120-2788940/2785053

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हमें फॉलो करें



(CSIR Integrated Skill Initiative)