NOVEMBER 2025
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नवंबर 2025
(खण्ड-III; अंक 22)

CSIR SKILL BULLETIN
(A FORTNIGHTLY E-PUBLICATION)
सीएसआईआर कौशल पत्रक
(पाक्षिक ई-प्रकाशन)

In this issue

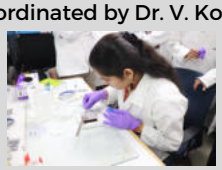
IMAGES: Various Skill Development Training Programs at different CSIR Labs

SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR
सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-CEERI, Jaipur, in collaboration with RIICO, Rajasthan, conducted a month-long "Advanced IIoT Skills Development Program," which concluded on 7th November 2025. 30 female students from various engineering institutes across Rajasthan participated in the program. The training provided specialized hands-on sessions on embedded systems, sensor integration, PCB design, software development, robotics, and automation. During the closing session, the chief guest, Dr. Meghendra Sharma, Secretary, Vigyan Bharati Rajasthan, praised CSIR-CEERI's efforts to provide advanced technical training to women. The Institute's Director, Dr. P.C. Pancharia, also encouraged the students to contribute towards the vision of a "Developed India @ 2047." The program was coordinated by Dr. Vijay Chatterjee, and scientists including Mr. Sai Krishna Vaddadi and Dr. Sachin Dewasi actively contributed to the training.



CSIR-NCL, Pune conducted a two-week Skill Development Program on "Quality Control Chemist" during 03rd-14th November 2025 under the CSIR-Skill Development Initiative. A total of 14 post-graduate and research students from diverse scientific backgrounds participated in this intensive, hands-on training program. Participants gained hands-on experience in identifying, separating, and purifying complex mixtures, performing quantitative and qualitative analyses, and working with state-of-the-art analytical instrumentation. The program was effectively coordinated by Dr. V. Koteswara Rao and his team.





CSIR-NCL, Pune successfully conducted a one-week Skill Development Program on "Polymer Characterization with GPC Technique" from 17th - 21st November 2025 under the CSIR-Skill Development Initiative. A total of five postgraduate and research students from diverse scientific backgrounds participated in the program. This course provided detailed knowledge of GPC theory, sample preparation, data generation, data analysis, report preparation, and troubleshooting. Upon completion, participants acquired the skills required to analyse and interpret GPC data confidently and effectively.




CSIR-CIMAP, Lucknow organised a training program on "Application of Chemistry and high end tools in MAPs research" on 17th November 2025. A total 60 participants from across India attended this training program.



CSIR-CRRI, New Delhi and the National Technical Textiles Mission (NTTM), Ministry of Textiles, Government of India jointly conducted a five-day training programme on "The Applications of Geosynthetics in Road Infrastructure Projects" during 16th - 20th November 2025 in association with the National Institute of Technology (NIT) Warangal. The training aimed to enhance technical understanding of geosynthetics and their applications in modern road infrastructure projects.



CSIR-NBRI, Lucknow conducted a 15-day Skill Development Program on "Bio-inoculant Producer for Agricultural Application" during 3rd - 18th November 2025. Around 20 students from different institutes and colleges across the country participated in this advanced training program. The program aimed to provide the latest knowledge on bio-fertilizer production and its applications in agriculture.



CSIR-NBRI, Lucknow conducted a 15-day Skill Development Program on "Plant Tissue Culture Technician" during 4th - 19th November 2025. Around 15 students from various institutes and colleges across the country participated in this advanced training program. The program aimed to provide the latest knowledge on plant tissue culture techniques and their applications in agriculture.




CSIR-IMMT, Nabarangpur, Odisha conducted a skill development program on "Earthenware & Terracotta Sintering" during 21st - 22nd November 2025.



CSIR-CECRI, Karaikudi conducted a two-day DST-ANRF sponsored Faculty Development Program (FDP) on "Atomic and Molecular Spectroscopy" during 17th - 18th November 2025. The program aimed to provide the latest knowledge and skills related to atomic and molecular spectroscopy. These analytical techniques focus on the interaction of electromagnetic radiation with matter to study the structure of atoms and molecules. While atomic spectroscopy deals with individual atoms and their electronic transitions, molecular spectroscopy examines molecules and their vibrational, rotational, and electronic transitions. The key distinction lies in their scope—atomic spectroscopy analyzes radiation absorbed or emitted by atoms, whereas molecular spectroscopy focuses on molecules. A total of 26 faculty participants from various parts of Tamil Nadu attended the program.



CSIR-CIMFR, Dhanbad conducted a three-day Skill Development Program on "Microcontroller-Based Programming and Interfacing on Arduino Uno and Related Platforms" during 25th – 27th November, 2025 at Government Polytechnic, Dhanbad. A total of 58 students from the Electrical Engineering branch of Government Polytechnic Dhanbad actively participated in the training.



CSIR-CECRI, Karaikudi conducted a one-week Skill Development Training Program on "Bio corrosion and Biofouling in Industries" during 17th - 21st November 2025 under the aegis of CSIR Integrated Skill Initiative-Phase III. This programme aims to provide the latest knowledge & skills in the area of Biofouling. Biofouling is the accumulation of microorganisms on surfaces, while bio corrosion is the material degradation caused by these microbes or their by products. In industries, both lead to severe problems like reduced efficiency in heat exchangers, product contamination, pipe blockages, and structural failure due to corrosion. Control requires understanding the microorganisms and their biofilms, using methods such as cleaning, biocides, protective coatings, and cathodic protection. This programme is attended by 46 participants by covering different parts of Tamil Nadu.

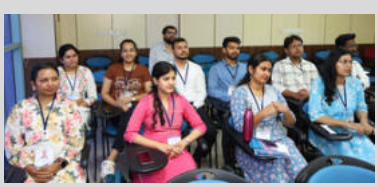


CSIR-CECRI, Karaikudi conducted a five-day Faculty Development Program (FDP) jointly with Dr. Umayal Ramanathan College for Women, Karaikudi, on "Integrated Tools and Techniques in Physical, Chemical and Life Sciences" during 17th –21st November 2025, under the aegis of the CSIR Integrated Skill Initiative–Phase III. The program aimed to equip participants with the latest knowledge of integrated tools and techniques in scientific instrumentation. As physical, chemical, and life sciences increasingly rely on advanced, computational, and automated tools to solve complex interdisciplinary problems, the FDP offered valuable insights into modern scientific methodologies. A total of 27 participants from different parts of Tamil Nadu attended the program.



CSIR-IICT, Hyderabad conducted a skill development program on Animal Cell Culture Techniques under the CSIR Integrated Skill Initiative during 3rd- 28th November, 2025 by the Department of Applied Biology. 12 students have participated in this advanced skill development programme. The program began with initial remarks by Dr. A.V. Subrahmanya Sarma, followed by a detailed report presentation by Dr. T. Anjana Devi, while Dr. K. Rajender Reddy and Dr. Shasi Vardhan Kalivendi addressed the gathering and distributed certificates, and the session ended with a vote of thanks proposed by Dr. C. Yogesh, marking a fruitful initiative in advancing expertise in AnimalCellCulture.



CSIR-IMMT, Bhuvneshwar organised a Skill Development Program on "Bakery items & Packaging" during 25th-26th November 2025 at Umerkote, Nabarangpur, Odisha.



CSIR-CDRI, Lucknow conducted a three-week Skill Development Program on "Basic Training in Electron Microscopy Techniques for Life Sciences" from 3rd - 21st November 2025, This programme was successfully completed by five students representing diverse educational backgrounds.



CSIR-CECRI, Karaikudi and the Rural Training Centre (RTC), Amaravathipudur jointly conducted has organized a one-week Skill Development Training Program on "Electrochemical power systems- Lead-acid battery: Care and maintenance" during 24th - 28th November, 2025 under the aegis of CSIR Integrated Skill Initiative-Phase III. This programme aims to provide the latest knowledge & skills in the area of Lead-acid battery. To care for a lead-acid battery, perform regular maintenance like checking electrolyte levels in flooded batteries and filling with distilled water, keeping terminals clean and corrosion-free, and ensuring a proper charging system is in place to prevent over- or undercharging. Additionally, avoid deep discharges, store the battery in a cool, dry place, and handle it with care by wearing protective gear due to the presence of sulfuric acid. This programme has attended by 40 participants by covering different parts of Tamil Nadu.

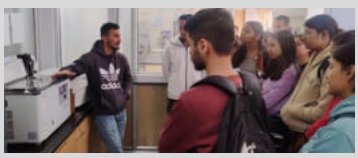

CSIR-CIMAP, Lucknow conducted a five-day program on Hands-on Training for "Contaminant Analysis in Plant, Soil, and Environmental Samples" during 24th - 28th November, 2025, as part of the CSIR Integrated Skill Development Program. The objective of the training is to equip professionals with the skills to accurately identify and quantify contaminants. The course provides a comprehensive analytical approach to contamination analysis, encompassing sample collection, preparation, extraction, and instrumental analysis across various matrices. A total of 15 participants from various locations registered for the training.




CSIR-NEERI, Nagpur organised a Green Skill Training Program on "Analytical Instrumentation Technique for Measurement of Environmental Contaminants" during 18th - 19th November, 2025 under CSIR Integrated Skill Initiative activities. Participants from rural and urban areas of Tamil Nadu, Maharashtra, Telangana, Kerala, Uttar Pradesh, Assam, Rajasthan, Gujarat, Punjab, Karnataka & Madhya Pradesh states belonging to different organizations (AIIMS, IIT, KSPCB, PPCB, etc.) took part in the program, which included technical presentations, practical demonstration of sophisticated environmental analytical instruments and visits to SEAF labs & Pesticide Residual Laboratory.




CSIR-IHBT, Palampur conducted an educational visit cum hands on training on 28th November 2025, 16 M.Sc. Chemistry students, accompanied by three faculty members from Sri Sai University(H.P.) participated in this one day program.



CSIR-NIIST, Thiruvanthampuram conducted a three-days residential training programme on "Advanced Technologies for Treatment of Sewage and Industrial Wastewater" from 12th - 14th November 2025, sponsored by the Central Pollution Control Board (CPCB) under the Namami Gange Mission. Over the three days, experts from CSIR laboratories, industry, and municipal bodies delivered insightful sessions on a wide range of advanced wastewater treatment technologies. The training brought together scientists from the National Ganga River Basin Project, fostering meaningful discussions, cross-learning, and collaborative thinking toward sustainable water management solutions.

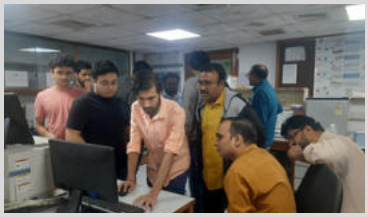
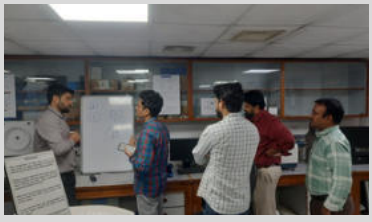


CSIR-NIO, Goa conducted a four-day skill-training program titled "Hands-on Training on Basic Techniques of Microbiology" from 11th - 14th November 2025 at the Skill Development Centre, CSIR-NIO, Goa. The program saw enthusiastic participation from 22 students representing various colleges across Goa. The training aimed to equip participants with practical exposure to fundamental microbiological techniques, with a special focus on working with marine samples. Over the course of the workshop, students were introduced to key laboratory skills including aseptic handling, media preparation, filtration, and axenic bacterial isolation from both marine sediment and seawater. The hands-on sessions also covered streaking methods, MPN qualitative and quantitative analyses, and bacterial identification using biochemical tests.




CSIR-CCMB, Hyderabad conducted the training program "Advanced Biophysical Tools for Protein-DNA/Biomolecular Interaction (BIOPHY-II)" from 17th - 21st November 2025. A total of 10 participants from across India—including faculty members, scientists, early-career researchers, and industry professionals—took part in the five-day program. The training offered intensive hands-on sessions along with theoretical insights covering CD spectroscopy for proteins, DNA and compounds, DLS/ELS characterization, analysis of compounds and nucleotides, fluorescence spectroscopy, and solution scattering. The program equipped participants with advanced biophysical skills essential for studying biomolecular interactions.



CSIR-CCMB, Hyderabad successfully conducted the Skill Development Program (SDP) on "Nanotheranostics for Biomedical Applications" (NANO-III) from 10th - 14th November 2025. A total of 12 participants from across India—including faculty members, scientists, early-career researchers, and industry professionals—attended the five-day training program. The SDP offered intensive hands-on training and theoretical insights covering the synthesis of various nanoparticles such as gold nanoparticles, gold nanorods, urea quantum dots, and L-cysteine quantum dots. Participants were also trained in nanoparticle characterization techniques including TEM, SEM, UV-Visible spectroscopy, fluorescence analysis, DLS, and zeta potential measurement. The program included modules on nanobioprobe-based biosensing, along with demonstrations on 3D bioprinting and the printing of 3D nanogrids. Additionally, sessions on laboratory safety, management, and experimental planning were conducted, providing participants with comprehensive exposure to nanotheranostic research workflows.



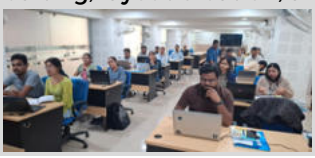

CSIR-IHBT, Palampur conducted an educational visit cum hands on training on 27th November 2025, 31 student and one teacher of Sardar Patel University, Mandi (H.P) participated in this one day program.



CSIR-IHBT, Palampur conducted an educational visit cum hands on training on 21st November 2025, 35 student and one teacher of CSKHPKV participated in this one day program.



CSIR-IMMT, Bhubaneswar conducted a skill training programme on "The Art of Graphic Designing: Photoshop & CorelDRAW Essentials" during 19th–21st November 2025. The training was open to students and professionals with an interest in 2D graphic designing. The programme provided participants with hands-on exposure to the fundamentals of digital design, including image editing, layout creation, and essential tools in Photoshop and CorelDRAW.




CSIR-IMMT, Bhubaneswar conducted a skill development program in association with M/s Livelihood Alternatives, Bhubaneswar for disseminating the Potash Enriched Biochar production technology from banana waste biomass on 18th November, 2025 for the benefit of farmers of Chhendipada block in Angul district of Odisha. About 50 farmers, including 30 women farmers, primarily progresseive banana cultivators belonging to Maa Bayani Farmer Producer Company (FPC) and Self-Help Groups (SHGs) participated in the training program. The program focused on the production, processing, and utilization of biochar a potassium-rich macronutrient derived from banana plant peduncles through pyrolysis process technology.



CSIR-NBRI, Lucknow conducted a Skill Development Program on "Quality Analyst for Herbal Drug industry", during 17th - 28th November, 2025 under the aegis of CSIR- Integrated Skill Initiative Phase-III. 25 students have participated in this advanced skill development programme from Department of Chemistry, Lucknow University Lucknow. This program focused on providing the latest knowledge about standardization and quality control in herbal drugs, skills in the physico-chemical analysis of herbal drugs to ensure quality and authenticity, modern chromatographic methods for herbal drug analysis and standardization and Standard Operating Procedures (SOPs) for the production of herbal products based on Ayurvedic concepts.




CSIR-NBRI, Lucknow conducted a Skill Development Program on "Phytochemical Analysis Technician" during 17th - 28th November, 2025 under the aegis of CSIR- Integrated Skill Initiative Phase-III. 25 students have participated in this advanced skill development programme from Department of Chemistry, Lucknow University Lucknow. This program focused on providing latest knowledge about use of scientific instrumentation for phytochemical analysis, including GC, GC-MS, HPLC, LC-MS, AAS, and HPTLC, master techniques for sample preparation, extraction, fractionation, and physico-chemical analysis, data interpretation and compilation of reports for analysis and quality control and importance of NABL accreditation in ensuring quality in testing and analysis.

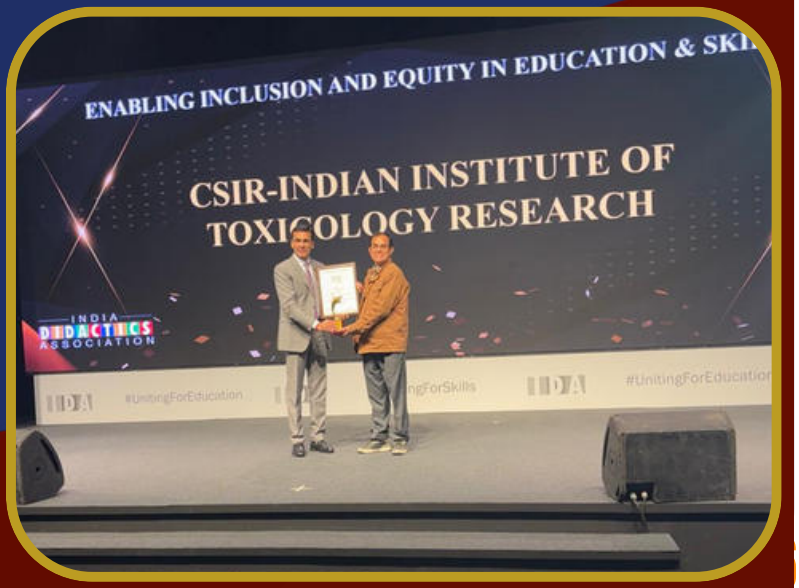



SUCCESS STORIES
सफलता की कहानियाँ

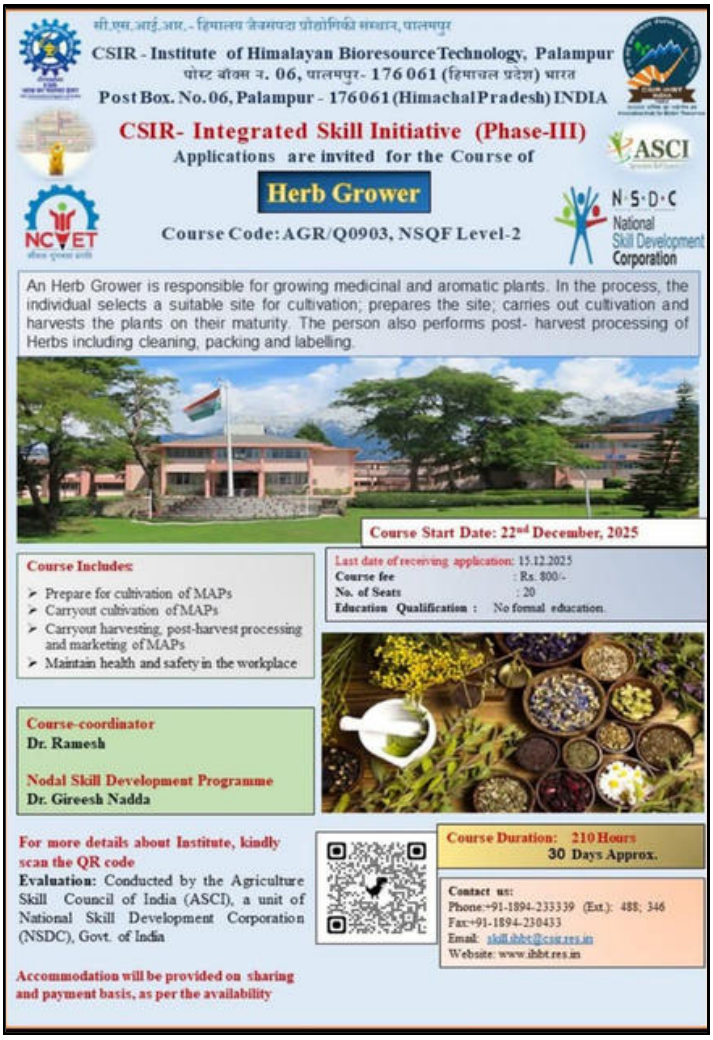
CONGRATULATIONS!

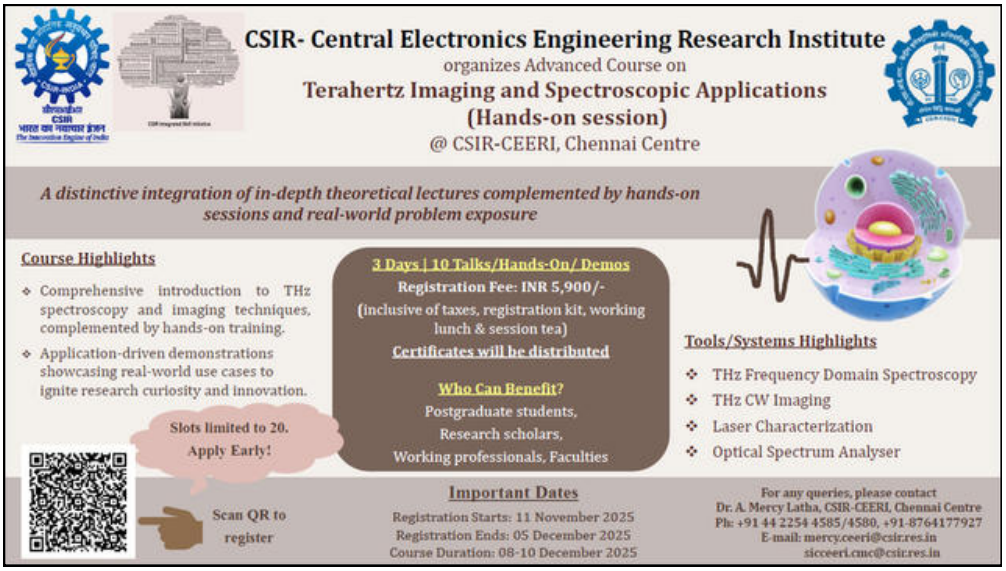
CSIR-IITR RECEIVES PRESTIGIOUS
IDA AWARD 2025
ENABLING INCLUSION AND EQUITY IN EDUCATION & SKILLS

CSIR-Indian Institute of Toxicology Research (CSIR-IITR) proudly announced its recognition as the winner of the prestigious India Didactics Association (IDA) Award 2025 in the category of Enabling Inclusion and Equity in Education and Skills. The award was presented on 18th November 2025 during the Gala Awards Ceremony at DIDAC India 2025 & The International Education & Skill Summit (TIESS), held at Yashobhoomi, India International Convention & Expo Centre, Dwarka, New Delhi. This achievement highlighted CSIR-IITR's commitment to skill development as a transformative tool for inclusive growth, ensuring equitable access to vocational and technical training for learners from diverse backgrounds. By integrating innovative skill-building programs with academic excellence, CSIR-IITR empowered individuals to thrive in a rapidly evolving workforce, aligning with the vision of India's National Education Policy (NEP 2020) and global best practices. DIDAC India and DIDAC Skills, Asia's largest education and skills platform, brought together global leaders, policymakers, and innovators, making this recognition a testament to CSIR-IITR's forward-thinking approach to bridging skill gaps and promoting lifelong learning. Special commendations were extended to the IITR Skill Development Program (SDP) team for their outstanding efforts and contributions that made this achievement possible. This milestone further reinforced the institute's dedication to creating inclusive, future-ready skill ecosystems that drive social and economic empowerment.



UPCOMING EVENTS
आगामी आयोजन




CSIR- Central Electronics Engineering Research Institute
organizes Advanced Course on
Terahertz Imaging and Spectroscopic Applications
(Hands-on session)
@ CSIR-CEERI, Chennai Centre
A distinctive integration of in-depth theoretical lectures complemented by hands-on sessions and real-world problem exposure
Course Highlights
Comprehensive introduction to THz spectroscopy and imaging techniques, complemented by hands-on training.
Application-driven demonstrations showcasing real-world use cases to ignite research curiosity and innovation.
3 Days | 10 Talks/Hands-On/ Demos
Registration Fee: INR 5,900/-
(inclusive of taxes, registration kit, working lunch & session tea)
Certificates will be distributed
Who Can Benefit?
Postgraduate students,
Research scholars,
Working professionals, Faculties
Slots limited to 20.
Apply Early!
Scan QR to register
Tools/Systems Highlights
THz Frequency Domain Spectroscopy
THz CW Imaging
Laser Characterization
Optical Spectrum Analyser
Important Dates
Registration Starts: 11 November 2025
Registration Ends: 05 December 2025
Course Duration: 08-10 December 2025
For any queries, please contact
Dr. A. Mercy Latha, CSIR-CEERI, Chennai Centre
Ph: +91 44 2254 4585/4580, +91-8764177927
E-mail: mercy.ceeri@csir.res.in
sicceeri.cmc@csir.res.in


Skill Development Workshop on
Leveraging Artificial Intelligence (AI) in Research
Dr. Anuja Shukla
Associate Professor,
Jaipuria Institute of Management
&
United Nations (UN) Speaker on
Responsible AI in Education
11th - 12th Dec 2025
Organized by CSIR – Institute of Microbial Technology (IMTECH) Sector 39A Chandigarh 160036


CSIR-SERC
RISA
Advanced Course on
Wind Loads and Effects on Structures (WiLES - 2025)
17-19 December 2025
(under CSIR Integrated Skill Initiative)
Organised by
CSIR- Structural Engineering Research Centre
(An ISO 9001: 2015 certified organisation)
About CSIR-SERC
CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai, is one of the national laboratories under the Council of Scientific & Industrial Research, India. CSIR-SERC has built up excellent facilities and expertise for analysis, design and testing of structures and structural components. Services of CSIR-SERC are being extensively used by the Central and State Governments and public and private sector undertakings. Scientists of CSIR-SERC serve on many national and international committees. The Centre is recognised at the national and international levels as a leading research institution in Structural engineering.
Wind Engineering Laboratory (WEL)
Wind Engineering Laboratory of CSIR-SERC has a State-of-The-Art Boundary Layer Wind Tunnel (BLWT) facility, which is one of the largest BLWTs currently available in our country. The research group at WEL has developed expertise in conducting wind tunnel investigations on reduced scale models of buildings/structures, full-scale field experiments on cyclone wind characteristics along with structural response of towers under ambient wind conditions, and Computational Fluid Dynamics simulations on bluff bodies, in line with International practices. Cyclone Disaster Mitigation is one of the major thrust areas of research in the laboratory. WEL has contributed towards formulation and revision of various Indian codes of practice relevant for wind loads. WEL has also been continuously providing high-end technical service to the industry via consultancy / sponsored projects.
Background
The evaluation of wind loads for the design of buildings/structures necessitates understanding of the random nature of wind and its effects on buildings/structures. The present academic curriculum for Civil/Structural Engineering provides limited coverage of Wind Engineering. This course aims to provide clear exposure to the fundamentals of Wind Engineering and background to the design practices adopted for evaluating the wind loads that govern the structural design of buildings and various types of structures.
Objectives
The primary objective of the course is to provide an opportunity for practicing design engineers, consultants, engineering professionals, researchers and academicians in familiarising themselves with basic and design wind speed, design wind pressure, wind loads and their effects on buildings/structures by providing background to relevant codes of practices.
Course Contents
Introduction to Wind Engineering
Background to basic and design wind speeds given in IS 875 (Part 3)
Bluff-body aerodynamics
Dynamic wind effects on buildings and structures
Background to Gust Factor
Wind loads and their effects on chimneys, tall buildings, long span bridges, low-rise industrial structures, lattice towers, wind turbine support structures, etc.
Visit to various laboratories of CSIR-SERC will also be organised.
Faculty
Faculty for the course would comprise mainly scientists from CSIR-SERC and few experts from academia and industry.
Prerequisites
The course registrants can ensure adequate knowledge on the background to course contents to fully exploit the benefits of attending the advanced course.
Venue & Duration
Training and Development Complex, CSIR-SERC, Chennai. Timing: 9.30 a.m. to 5.00 p.m.
Registration and Fee
Rs. 3000/- per participant inclusive of GST for working professionals, Rs. 1500/- for student participants and US $ 450/- for foreign delegates. Presentation material (in .pdf format) and participation certificate will be provided to all the registered participants. The course registration can be completed via online form with the URL below:
https://serc.res.in/course
Travel, Boarding and Lodging Arrangements
The participants or their sponsoring organisations must bear travel, boarding and lodging expenses. Limited accommodation in the Guest House/Trainee's Hostel at CSIR-SERC Campus may be arranged on a first-come-first-served basis at extra cost. Participants wishing to avail of this facility are advised to write to the course coordinator well in advance, and in any case, not later than 07th December 2025.
Scan QR code for course promo
Contact Us
Dr. P. Harikrishna / Dr. M. Keerthana
Course Coordinators (WiLES-2025)
CSIR-Structural Engineering Research Centre
CSIR Campus, TTTI (Post), Taramani, Chennai - 600113
Tel: (91) (44) 2254 9160/ 9165/ 9166
Fax: (91) (44) 22541508
harikrishna.serc@csir.res.in /
keerthana.serc@csir.res.in
https://www.serc.res.in

Skill Development Program on

Semiconductor Materials Preparation and Characterization

Organized under CSIR-Integrated Skill Initiative

December 11-12, 2025

OBJECTIVES/SCOPE

Semiconductor Materials Preparation and Characterization is a foundational module designed to equip students with the theoretical knowledge and practical skills necessary to synthesize, process, and analyze semiconductor materials for electronic, optoelectronic, and energy applications. By the end of the course, the participants will be able to critically evaluate the synthesis–structure–property relationships in semiconductor materials and apply this understanding to real-world device contexts such as solar cells, energy devices, and sensors.

COURSE CONTENT

- Introduction to semiconductor materials and their synthesis techniques including crystal growth and thin film deposition
- Structural and morphological characterization using XRD, SEM, AFM and TEM
- Electrical and optical characterization by Hall effect measurement, Photoluminescence and UV-Vis-NIR spectroscopy
- Applications and case studies: Material–property–device correlations in photovoltaics, LEDs, sensors, and emerging semiconductor technologies

No. of Positions Available: 30
(First come first serve basis)

Who can Register:
UG, PG students, PhD scholars and faculties

Registration Fee:
(including GST as applicable)
Academic students of all category: Rs. 300/-
Industry/Faculty/Professionals: Rs. 5,000/-

FOR PAYMENT

Account Name: Industrial Research Fund Account for Institute of Minerals and Materials Technology

Account No.: 30267734773

Bank & Branch: SBI, RRL Campus Branch

IFSC: SBIN0007499

REGISTRATION LINK
https://forms.gle/ocpMwEMDvsL6Kutf6

COURSE COORDINATOR

Dr. NIRMAL KUMAR VELU
Senior Scientist
Pyrometallurgy and Materials Engineering Department
CSIR-Institute of Minerals and Materials Technology, Bhubaneswar
Email: nirmalvelu.immt@csir.res.in
Phone: 0674-2379161

PROVISIONS

- Certificate will be provided to all the participants upon successful completion of the program
- Working lunch during the skill development program will be provided
- No financial assistance or accommodation will be provided

VENUE: CSIR-Institute of Minerals and Materials Technology, Bhubaneswar

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CSIR- Centre for Cellular & Molecular Biology

Skill Development Program
On

Zebrafish Husbandry & Microinjection

Course Curriculum includes:
Lectures and Hands-on-sessions on the following topics:

- Zebrafish as Model Organism
- Zebrafish husbandry
- Microinjection
- Gene Editing Techniques
- Imaging

About the course:

- Duration : 1 week
- No. of seats : 12
- Target Audience: Students/ Faculty /Scientists /Professionals with a Masters in Life Science or Allied areas
- Mode of the Course: In-house training at CCMB
- Mode of selection: Online-Application form & Statement of Purpose.
- Course Fee: INR 18,000/- (Incl. GST & Accommodation)
- Course Code: ZHM-2

Training Dates
05th to 10th January 2026

Course Coordinator:
Dr. Megha Kumar
Senior Scientist
CSIR-CCMB

Program Coordinator:
Dr. Archana B. Siva
Chief Scientist
Nodal Scientist - Skill Development Program
CSIR-CCMB
sdp.ccmb@csir.res.in

Scan to Apply

MINISTRY OF MSME SPONSORED

TWO DAYS SKILL TRAINING PROGRAM

on

LIFE CYCLE ASSESSMENT STUDIES & CARBON CREDITS QUANTIFICATION

(Entrepreneurship Awarness Program)

(Selected Participants From The Course Will Be Eligible For Fully Funded 5 Days Residential Program At NIIST During February 2026)

APPLY ONLINE : http//sdp.niist.res.in

Transaction details along with a resume (mentioning educational qualification and experience) must be sent by mail to: esdp.niist@gmail.com

To impart basic knowledge and awareness about the recently announced Carbon Credits Trading Scheme of Govt. of India and to impart knowledge on how LCA tools can be used for carbon credits study.

Online event on: 28, 29 December 2025

Course fee:
Rs. 1000/- (UG/PG Students)
Rs. 1500/- (PhD Scholars)
Rs. 2000/- (Faculties and Industry Personals)*
*Fee is waived for Licencees of NIIST Technologies

The participants from the online course will be shortlisted and becomes eligible for the fully funded residential program on "Empowering MSMEs: Leveraging Life Cycle Assessment & Carbon Credits for Sustainable Growth and Market Advantage" with free boarding and lodging facilities.

Last Date to Apply: 26th December 2025

28 December 2025 (7:30 - 9:30 PM)
- Introductory class about the course
- Assistance in downloading openLCA & Simapro
- Discussion of problem statement

29 December 2025 (10.00 AM – 12.30 PM)
- Introduction to Life Cycle Assessment (LCA)
- Effectiveness of Carbon Credits Trading Scheme of GOI and How MSMEs can earn carbon credits

29 December 2025 (2.00 PM – 4.00 PM)
- Demonstration of LCA in SimaPro and OpenLCA
- Application of LCA in calculating Green House Gas emissions
- Demonstration of LCA studies on bioethanol production, cement manufacturing and electricity generation

Who can apply?
Government Officials involved with Policy Decisions, Scientists and Professionals from Govt Autonomous Bodies, Entrepreneurs and Industrialists, MSMEs/Start-ups, UG/PG and PhD scholars from relevant fields and others who wish to explore and practice LCA for their processes.

ACCOUNT DETAILS
The Director, CSIR-NIIST
Account No: 67047723825
IFSC Code: SBIN0070030
Bank: State Bank of India (SBI)
Address: Pappanamcode, Industrial Estate

CONTACT:
PHONE: 0471-2515326
E-mail: sdp@niist.res.in

Course Coordinator:
Dr. T. Venkatesh (Senior Scientist)
Dr. V. Moni (Senior Principal Scientist)

https://www.niist.res.in/english/academics/csir-skill-initiative

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Skill Development Program on Advanced Electron Microscopy

(3rd December to 5th December 2025)

Venue: CSIR-IMMT, Bhubaneswar

BRIEF OBJECTIVES / SCOPE:

- The primary objective of the Workshop on Advanced Electron Microscopy is to enhance participants' understanding and application of cutting-edge electron microscopy techniques. This workshop aims to provide a comprehensive overview of the latest advancements in electron microscopy, including high-resolution imaging, analytical methods, and emerging technologies.

WHO CAN JOIN?:

- B.Sc , M.Sc, B.Tech , M.Tech Students & Research Scholars.
- No Prior Experience required, All the sessions are designed for beginners.

No. of Participants: 25
(First come First Serve basis)

Registration fee: Rs. 200/-
Registration Link: https://forms.gle/yR9cZ7snyrwXk9R18
Account Name: Industrial Research Fund Account for IMMT
A/C No. 30267734773, IFSC Code: SBIN0007499

BRIEF COURSE CONTENT:

- Introduction to electron microscopy
- Introduction to Transmission Electron Microscopy (TEM)
- Course on amplitude contrast imaging: Bright Field (BF) and dark field (DF)
- Course on High-Resolution Imaging and Diffraction
- Course on TEM sample preparation methods.
- Course on data analysis software: ImageJ and Digital Micrograph
- Technical demonstration of TEM
- Hands-on experience on TEM sample preparation method

EXPECTED OUTCOMES / BENEFITS (IF ANY)

- Participants will engage in hands-on sessions, interactive discussions, and expert-led presentations, fostering an environment of collaboration and knowledge exchange. By the end of the workshop, attendees will be equipped with the skills and insights necessary to leverage advanced electron microscopy in their research and professional endeavours, ultimately contributing to the advancement of the field.

INSTRUCTOR NAMES:

- Dr. Ashutosh Rath, Principal Scientist
- Mr. Ajit Dash, Sr. Technical Officer
- Dr. Abinash Prusty, Technical Assistant

HIGHLIGHTS:
Some instruments will be used for Sample preparation/Analysis

*Participation certificate will be provided after successful completion of the program
*No TA DA will be provided

Course Coordinator : Dr. Ashutosh Rath, Pr. Scientist
E-mail: ashutosh.immt@csir.res.in, Tel: 06742379302

CSIR-CCMB

Skill Development Program
On
"Wildlife DNA Forensics" (WF-15)
27th – 31st January 2026

Objective: To sensitize and provide hands on training to participants on DNA Technology and its use in Wildlife Forensics.

Eligibility:
1. **Working Officers:** Any officer working in wildlife and forest departments at/a over the Range Forest Officer, Police, coastguard, customs, central excise, Food safety authentication department, judiciary, law enforcement department, academic institution, university or a research laboratory
2. **Students:** B.Sc. degree holders and above

No. of seats	: 10-12
Target Audience	: Bachelors/Masters in any branch of Life Science/Allied areas
Mode of the Course	: In-house training at CCMB, Hyderabad
Mode of selection	: Application form & Statement of Purpose
Fee Particulars	: Rs.18,000/- (including accommodation & GST)
Course Code	: **WF-15**
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum:
- Introduction to DNA, DNA technology and its applications including wildlife forensics
- Status of Wildlife crime in India and abroad
- Case Studies from LaCONES, CSIR-CCMB
- Demonstration of collection, preservation, packaging and transportation of biological samples collected in the field
- Isolation of DNA from various type of biological samples
- Quantification of DNA by spectrophotometric and in-gel methods
- Provide knowledge about the "Universal Primers" technology for Species Identification developed by CCMB.
- PCR amplification of the DNA isolated from various types of biological samples
- Sequencing and Data analysis of PCR products for Species Identification from various type of biological samples
- Understanding the use of Microsatellite markers and Sex specific markers for individual identification, relatedness, sexing and repatriation.
- PCR amplification using single/multiplex markers
- Genotyping and scoring of alleles: DNA profiling
- Data analysis for individual identification, relatedness, sexing and repatriation
- Troubleshooting & Report preparation
- Impart knowledge about the legal application and implication of the DNA analysis report generated

Salient Features of the Training:
- Expert instructors/Resource Persons will provide lectures and hands on training
- Exposure to laboratory safety regulations
- Interaction with the **leading scientists and experts** in the field
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Scan to Apply

Course Coordinator:
Dr. Ajay Gaur
Senior Principal Scientist
Wildlife Forensics
CSIR-CCMB, Hyderabad.

Program Coordinator:
Dr. Archana Bharadwaj Siva
Chief Scientist
Nodal Scientist - Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

National Skill Development Training Program on
"MICROALGAL LIPIDOMICS AND BIOECONOMY: PROCESS ENGINEERING, SCALE-UP, AND ADVANCED GC–MS PROFILING"
(Supported by the Ministry of MSME, Government of India)

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In alignment with the Government of India's Skill Development Initiative, CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST) is pleased to announce a five-day residential hands-on training program titled "Microalgal Lipidomics and Bioeconomy: Process Engineering, Scale-up, and Advanced GC–MS Profiling."

This advanced workshop aims to build technical competence and practical skills among young researchers, faculty members, and industry professionals in the emerging field of microalgal biotechnology and lipidomics. Considering the futuristic potential of microalgae-derived bioeconomy in nutraceutical, pharmaceutical, feed, and renewable energy sectors, this training will bridge the gap between laboratory-scale innovation and industrial-scale implementation.

Participants will receive hands-on exposure to:
- Microalgal cultivation and bioprocess optimization
- Lipid extraction, transesterification, and FAME profiling
- Process engineering and scale-up methodologies
- GC-MS-based analytical workflows for lipidomics research

DATE: January 27–31, 2026
VENUE: CSIR-NIIST, Thiruvananthapuram
SUPPORTED BY: Ministry of MSME, Government of India and CSIR-NIIST, Trivandrum


ELIGIBILITY
MSc and MTech, PhD scholars, early-career researchers, faculty, and industry professionals working in Algal Biotechnology and Related Fields

NUMBER OF SEATS
25 only

NATURE OF SUPPORT
A comprehensive residential training program that includes food, accommodation, and applicable travel and other associated expenses either fully or partially.

REGISTRATION DETAILS
Interested candidates are requested to register online by filling out the form available at:
http://sdp.niist.res.in
(Registration is open until **December 31, 2025** or until seats are filled.)

For further information, contact:
Coordinator:
Dr. V. Moni, *monivishnu@niist.res.in*
Principal Investigator:
Dr. Muthu Arumugam,
arumugamm.niist@csir.res.in

CSIR-CCMB

Skill Development Program
On
"Introduction to IPR and Patents"
04th- 06th February 2026

Patent → Copyright → Trademarks → Design

CSIR-Center for Cellular and Molecular Biology is conducting a hands-on training on **"Introduction to IPR and Patents" (IPRPAT-3)** targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This training is intended to train into various aspects of intellectual property management and it will be supported by lectures along with hands-on exercises by experts to develop a deeper understanding of the concepts.

No. of seats	:	10-12
Minimum Qualification	:	Bachelors in any branch of Life Science /Allied areas
Dates	:	04th – 06th February 2026
Mode of the Course	:	Hybrid mode
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 7,500/- (including GST & Accommodation)
Apply using the link	:	http://recruitment.ccmb.res.in/training_programs/sdp/
Course Code	:	**IPRPAT-3**

Training Curriculum for Course:
- Evaluating patentability of inventions
- Mining Patent Literature
- IP databases
- Patent drafting & Filing
- Patent Valuation
- Sequence Listing
- Structuring a Licensing deal
- Technology landscaping
- Technology Assessment

Salient Features of the Training:
- Skilled resource persons will provide lectures and hands-on exercises
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Scan to Apply

Training Coordinator:
Dr. Divya Singh
IP Officer
CSIR-CCMB,
Hyderabad.

Program Coordinator:
Dr. Archana Bharadwaj Siva
Chief Scientist
Nodal Scientist-Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

CSIR-CCMB

Skill Development Program
On
"Next-Generation Sequencing and Bioinformatics: From Bench to Insight"
16th – 20th February 2026



The CSIR-Center for Cellular and Molecular Biology is organizing a hands-on training on **"Next-Generation Sequencing and Bioinformatics: From Bench to Insight"** (NGS-1) targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This advanced-level workshop is intended to train participants in the principles and practical aspects of Next-Generation Sequencing (NGS) using Illumina and Oxford Nanopore platforms. It will be supplemented with expert lectures, hands-on training in library preparation, sequencing run setup, and bioinformatics data analysis for comprehensive end-to-end learning

No. of seats	:	20
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Mode of the Course	:	In-house training at CCMB, Hyderabad
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18000/- (Including accommodation & GST)
Course Code	:	**NGS-1**

Training Curriculum:
- DNA/RNA quality control (QC) using Qubit and TapeStation, data interpretation, and sample preparation for sequencing
- Illumina library preparation, followed by library QC, sequencer setup and run demonstration
- Oxford-Nanopore library preparation, followed by flow cell loading, sequencer setup, and run demonstration
- Raw data QC and adapter trimming, followed by sequence alignment, SAM format, variant calling, VCF, variant annotation, and introduction to long-read sequencing (LRS) data analysis

Salient Features of the Training:
- Exposure to multiple sequencing platforms and comparison of short-read (Illumina) and long-read (Oxford-Nanopore) technologies
- Expert lectures from scientists, and experienced NGS facility staff on sequencing principles, emerging technologies, and real-world applications
- Training in basic bioinformatics tools for quality assessment, read alignment, annotation, variant calling and data analyses
- Exposure to laboratory safety regulations
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation

Scan to Apply

Apply using the link/scanner: http://recruitment.ccmb.res.in/training_programs/sdp/

Course Coordinators:
Dr. Subhajit Sen
Scientist, CSIR-CCMB, Hyderabad
Dr. Karthik Bharadwaj
Senior Scientist, CSIR-CCMB, Hyderabad
Dr. Divya Tej Sowpati
Senior Scientist, CSIR-CCMB, Hyderabad

Program Coordinator:
Dr. Archana Bharadwaj Siva
Chief Scientist
Nodal Scientist-Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

Under CSIR Integrated Skill Initiative

ABOUT CSIR-IMMT SKILL DEVELOPMENT PROGRAMMES

CSIR-IMMT conducts a variety of skill development and training programmes under the CSIR Integrated Skill Initiative, designed for industry, academia, research professionals, and society. Leveraging its expertise in basic research and technology-oriented programmes, the Institute addresses the R&D challenges of the mining, mineral, and metals industries with a strong focus on sustainable development.

Each programme is designed with a blend of expert lectures, hands-on training, demonstrations, and practical sessions conducted in state-of-the-art laboratories by CSIR-IMMT scientists and invited specialists. With their short duration and focused content, these courses are well-suited for students, academicians, industry professionals, and entrepreneurs, while also offering flexibility through industry-sponsored and on demand options.

ABOUT CSIR INTEGRATED SKILL INITIATIVE

The Council of Scientific and Industrial Research (CSIR) is embarking upon the "Skill India" mission of the Government of India under its "CSIR Integrated Skill Initiative" Programme. Under this umbrella of Skill India, CSIR laboratories have taken up various skill training programs under different domains.

ANNUAL PLANNER FY 2025-2026

CONTACT
Dr. Santosh Kumar Behera
Sr. Principal Scientist & Coordinator Skill Development)
E-mail: skbehera.immt@csir.res.in
Phone: 0674-237-9381
Mobile: 9438182457

CSIR-Institute of Minerals & Materials Technology
DSIR, Ministry of Science and Technology, Govt. of India

CSIR-CCMB

Skill Development Program on "R in Biology"

23rd – 27th February 2026

The CSIR-Center for Cellular and Molecular Biology is organizing a hands-on training on **"R in Biology" (R-1)** targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This workshop intended to **equip researchers, students, and faculty with computational and analytical skills** necessary to handle, analyze, and interpret biological data using the **R programming language**.

No. of seats	:	20
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Mode of the Course	:	In-house training at CCMB, Hyderabad
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18000/- (Including accommodation & GST)
Course Code	:	**R-1**

Training Curriculum:

- Introduction to R, R Studio & Programming
- Introduction to tidyverse and dplyr
- Data Visualization with ggplot2
- More Data Visualization – Heat Maps Volcano Plots etc.,
- Case study - Analyzing real RNA-Seq data & Metgenomics data

Salient Features of the Training:

- Bridge the gap between biology and data science
- Develop proficiency in data visualization, analysis, and modeling
- Gain foundational skills in R programming and environment configuration.
- Efficiently handle and process data using R's tools and structures
- Communicate findings visually through effective data visualizations in R.
- Lectures from experts of CCMB
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation

Scan to Apply

Apply using the link/scanner: http://recruitment.ccmb.res.in/training_programs/sdp/

Course Coordinator:
Dr. Nitesh Kumar Singh,
Senior Technical Officer,
CSIR-CCMB,
Hyderabad.

Program Coordinator:
Dr. Archana Bharadwaj Siva
Chief Scientist
Nodal Scientist-Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

Skill India | N·S·D·C National Skill Development Corporation | NCVET

सी.एस.आई.आर. - हिमालय जैवसंपदा प्रौद्योगिकी संस्थान
CSIR - Institute of Himalayan Bioresource Technology

पोस्ट बॉक्स नं. 06, पालमपुर – 176 061 (हिमाचल प्रदेश) भारत
Post Box. No. 06, Palampur – 176 061 (Himachal Pradesh) INDIA

CSIR- Integrated Skill Initiative (Phase –III)

Call for Applications for Course of

Basics of High-Performance Liquid Chromatography(HPLC) Analysis

Course code: LFS/N0361; NSQF level: 5.5

Basics of High-Performance Liquid Chromatography(HPLC) Program is certified by the Life Sciences Sector Skill Development Council (LSSSDC). This program aims at providing hands-on skills of HPLC to Science Graduates/Postgraduates

Course Highlights:

- Module 1: Introduction to HPLC
- Module 2: Basics of HPLC analysis
- Hands on experience in running HPLC
- Basic Navigation and Sample Analysis on HPLC

Course coordinator: Dr. Upendra Sharma
Nodal Skill Development Programme:
Dr. Gireesh Nadda

Evaluation: Conducted by the Life Sciences Sector Skill Development Council (LSSSDC), a unit of National Skill Development Corporation (NSDC), Govt. of India

Accommodation will be provided on sharing and payment basis, as per the

Course Start Date: 28th November, 2025
Course duration: 90 hours;15 days (approx.)
Last Date of Application: 25th November 2025
Course Fee : Rs. 5000/-
No. of seats : 20

Minimum Educational qualification: Complete 3rd year of 3-years/ 4-years UG in Chemistry/ Microbiology/Marine science/ Biotechnology/ Biochemistry/ Botany/ Zoology / Pharma/ Chemical Engineering/ Food Technology/Veterinary science/ any other relevant science field involving Chemical or Biological analysis

Or

Pursuing 1st year of 2-year PG program after completing 3- year UG degree in Chemistry/ Microbiology/Marine science/ Biotechnology/ Biochemistry/ Botany/ Zoology/ Food Technology/ Veterinary science/ any other relevant science field involving Chemical or Biological analysis

Contact us: +91-1894-233339 (Ext.) 34
Email: skill.ihbt@csir.res.in
Website: www.ihbt.res.in

For more details about the institute, kindly scan the QR code.

CSIR-CCMB

Skill Development Program On "LC-MS based Proteomics"

23rd – 28th March 2026

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for six days on **"LC-MS based Proteomics"** targeted to faculty/researchers from Universities/ institutesas well as people working in the industry in the field of Life Sciences, Medical Sciences, PharmaceuticalScience & allied areas. This introductory workshop is intended for beginners to teach and train them about the basics of proteomics and its applications in research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

Duration	:	6 days
No. of seats	:	8-10
Target Audience	:	Faculty/ Researcher from Academia/Industries/Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Dates	:	23rd to 28th March 2026
Mode of the Course	:	In-house training at CCMB
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18,000/- (includes accommodation and GST)
Apply using the link	:	http://recruitment.ccmb.res.in/training_programs/sdp/
Course Code	:	**PROTEO-5**

Training Curriculum for Course:

- Basic operational fundamentals of liquid chromatography, mass spectrometry, and LC/MS interface
- Qualitative and quantitative aspects of LC- MS: from simple molecular weight determination to large scale proteome analysis
- Sample preparation of LC-MS, SDS PAGE, staining/destaining, processing of gel pieces towards in-gel trypsin digestion, extraction of peptides, desalting
- LC-MS run & interpretation & analysis of MS data

Salient Features of the Training:

- Skilled resource persons will provide lectures and laboratory training
- Certificate of participation will be issued to the participants
- Exposure to laboratory safety regulations
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions

Scan to Apply

Training Coordinator:
Dr. Swasti Raychaudhuri
Senior Principal Scientist,
Proteomics,
CSIR-CCMB Hyderabad.

Contact details:
Dr. Archana Bharadwaj Siva
Chief Scientist
Nodal Scientist-Skill Development Program
CSIR-CCMB, Hyderabad.
sdp@ccmb.res.in

NEWS CLIPPINGS
न्यूज़ क्लिपिंग

सिम्फर का तीन दिवसीय स्किल डेवलपमेंट प्रोग्राम गवर्नमेंट पॉलिटेक्निक में आरम्भ

आवाज प्रतिनिधि। 25 नवंबर धन्यवाद। सिम्फर के मानव संसाधन विकास विभाग ने 25-27 नवंबर 2025 तक गवर्नमेंट पॉलिटेक्निक, में माइक्रोकंट्रोलर-बेस्ड प्रोग्रामिंग एंड इंटरफेसिंग ऑन आर्डुइनो यूनो एंड रिलेटेड प्लेटफॉर्म्स टॉपिक पर तीन दिन का स्किल डेवलपमेंट प्रोग्राम का आयोजन कर रहा है। इस प्रोग्राम का उद्घाटन मंगलवार को राजेश कुमार, प्रिंसिपल, गवर्नमेंट पॉलिटेक्निक, इंजीनियर अमरनाथ, चीफ साईंटिस्ट और को-ऑर्डिनेटर, स्किल डेवलपमेंट प्रोग्राम, दिलीप कुंभकार, चीफ साईंटिस्ट और हेड एचआरडी एवं स्किल डेवलपमेंट प्रोग्राम और डॉ. जे. के. सिंह, सीनियर टेक्निकल ऑफिसर और नोडल ऑफिसर, स्किल डेवलपमेंट प्रोग्राम की मौजूदगी में हुआ। पॉलिटेक्निक धनबाद की इलेक्ट्रिकल इंजीनियरिंग ब्रांच के कुल 58 स्टूडेंट्स इस ट्रेनिंग में हिस्सा ले रहे हैं। डॉ. जेके सिंह ने प्रोग्राम की शुरूआत स्वागत भाषण से किया। प्रिंसिपल राजेश कुमार और इंजीनियर अमरनाथ ने भी प्रतिभागियों एवं दर्शकों को संबोधित किया। इंजीनियर अमरनाथ ने स्किल डेवलपमेंट प्रोग्राम के महत्व पर रोशनी डाली। सीनियर टेक्निकल ऑफिसर, जी. सुरेश ने आर्डुइनो की बेसिक बातें और इंटरनेट ऑफ थिंग्स और एम्बेडेड सिस्टम में इसके एप्लीकेशन के बारे में बताया। दिलीप कुंभकर पूरे प्रोग्राम में मौजूद रहे और उन्होंने मानव संसाधन विकास टीम को ट्रेनिंग को सफलतापूर्वक पूरा करने में मदद एवं गाइड करते रहे।

କୈମ୍ପସ ଅପଡେଟ

पॉलिटेक्निक में सिंफर की ओर से शुरू हुआ तीन दिवसीय कौशल विकास कार्यक्रम

धनबाद | राजकीय पॉलिटेक्निक, धनबाद में मंगलवार से सीएसआईआर-सिंफर, धनबाद की ओर से तीन दिवसीय कौशल विकास कार्यक्रम शुरू हुआ। इसमें विद्युत अभियंत्रण के सेमेस्टर 6 के 58 विद्यार्थी शामिल हुए हैं। टॉपिक माइक्रोकंट्रोलर-बेस् ड प्रोग्रामिंग एंड इंटरफेसिंग ऑन आर्डुइनोयूनोएंड रिलेटेड प्लेटफॉर्म्स है। उद्घाटन प्राचार्य राजेश कुमार और सिंफर के वैज्ञानिकों ने किया। सीनियर टेक्निकल ऑफिसर जी. सुरेश ने आर्डुइनोकी की जानकारी साझा की। इंटरनेट ऑफ थिंग्स (आईओटी) और एम्बेडेड सिस्टम के एप्लीकेशन की जानकारी दी। सिंफर के मुख्य वैज्ञानिक ई अमरनाथ, डॉ दिलीप कुम्भकार, डॉ जेके सिंह, ई तौसिफ अजमल, डॉ. एसके सिंह, एम इस्लाम आदि मौजूद थे।

ଦକ୍ଷତା ବିକାଶ ତାଲିମ କାର୍ଯ୍ୟକ୍ରମ

ଉମରକୋଟ,୨୭।୧୧(ଆପ୍ର): ଉମରକୋଟ ବ୍ଲକ ଭାମିନି ପଞ୍ଚାୟତ ଗୁଚ୍ଛଗୁଡା ବେକେରୀ ଉତ୍ପାଦ ପ୍ରସ୍ତୁତି ଓ ପ୍ୟାକେଜିଂ ଉପରେ ଦକ୍ଷତା ବିକାଶ ତାଲିମ କାର୍ଯ୍ୟକ୍ରମ ଅନୁଷ୍ଠିତ ହୋଇଛି। କାର୍ଯ୍ୟକ୍ରମରେ ମୋଟ ୪୯ଜଣ ଅଂଶ ଗ୍ରହଣ କରିଥିଲେ। ଶିବିରରେ ବେକିଂ କୌଶଳ, ବ୍ୟବସାୟିକ ଦକ୍ଷତା ବୃଦ୍ଧି ନେଇ ତାଲିମ ଦିଆଯାଇଥିଲା। ଅଂଶଗ୍ରହଣକାରୀ ମାନେ ଉତ୍ପାଦନ ଚୟନ, ବେକିଂ କୌଶଳ, ଉତ୍ପାଦ ଫିନିସିଂ, ପ୍ୟାକେଜିଂ ଏବଂ ସ୍ୱଚ୍ଛତା ପରିଚାଳନା ବିଷୟରେ ତାଲିମ୍ ଗ୍ରହଣ କରିଥିଲେ। ସୂଚନା ପାଇଥିଲେ। ଏହି ଅବସରରେ ସଏସଆଇଆର-ଆଇଏମଏମଟି ଦ୍ୱାରା ବିକଶିତ ପୋର୍ଟେବଲ୍ ବାୟୋମାସ ପରିଚାଳିତ ବେକେରୀ ବୁଲିର କାର୍ଯ୍ୟ ଦେଖିଥିଲେ। ଅଂଶଗ୍ରହଣକାରୀଙ୍କୁ ଉତ୍ସାହିତ କରିବା ପାଇଁ ମହିଳାଙ୍କ ନେତୃତ୍ୱରେ ମାଇକ୍ରୋ ବେକେରୀ ୟୁନିଟ୍ ଏବଂ ସରକାରୀ ଯୋଜନାର ସଫଳ ଉଦାହରଣ ଉପସ୍ଥାପନ କରାଯାଇଥିଲା।

सिटी बाइट्स

पॉलिटेक्निक में स्किल डेवलपमेंट प्रोग्राम शुरू

धनबाद. राजकीय पॉलिटेक्निक धनबाद में तीन दिवसीय माइक्रोसॉफ्ट कंट्रोलर आधारित प्रोग्रामिंग और इंटरफेसिंग विषय पर स्किल डेवलपमेंट प्रोग्राम मंगलवार से शुरू हुआ. आयोजन सिंफर कर रहा है. प्रशिक्षण का समापन 27 नवंबर को होगा. प्रशिक्षण में विद्युत अभियंत्रण के षष्ठम सेमेस्टर के 58 छात्र भाग ले रहे हैं. संस्थान के सभागार में उद्घाटन प्राचार्य राजेश कुमार, सिंफर के मुख्य वैज्ञानिक व कार्यक्रम समन्वयक ई अमरनाथ, हेड एचआरडी दिलीप कुंभकार व सीनियर टेक्निकल ऑफिसर डॉ जेके सिंह ने किया.

GENERAL EVENTS
सामान्य आयोजन
(Please click on the link to view the details)

- Govt launches Centre of Logistics Training Excellence in Hyderabad to boost tech-led logistics skilling
- Union Ministers Ashwini Vaishnaw & Jayant Chaudhary Inaugurate Skill India Centre in Baghpat
- Skill Development Programme on "Chicken Products Processing"
- MoS Jayant flags off Indian contingent for World Skills Asia Competition 2025
- DC Longleng notifies on skill development training programme
- SOAR programme: Transforming Education and Skill Development in India
- Two-day workshop on skill development concludes at University of Jammu(JU)
- Indo-German Chamber of Commerce signs two key deals pertaining to MSME and skilling
- IGNOU partners with CII to start Career Edge Academy for skill training
- CGSSC Raises Awareness on Skill Development in the Capital Goods Sector
- Uber proposes 'driver-cum-tourist guide' training initiative
- Mapping the digital divide across caste and class shows why skilling is highly skewed in India
- Termination to be less painful under new labour codes: Employees to get funds for re-skilling in addition to retrenchment compensation
- Progress of Muslims linked to education, skill development and jobs
- पढ़ाई के साथ स्किल डेवलपमेंट सीखने की जरूरत
- कौशल विकास की आवश्यकता वर्तमान में सबसे अधिक है: कुलपति
- सिलाई कढ़ाई प्रशिक्षण संपन्न
- भारत ने 23 सदस्यों वाले दल के साथ वर्ल्डस्किल्स एशिया 2025 में पदार्पण किया
- वाराणसी के विद्यालयों में मना बैगलेस दिवस, कौशल विकास और हस्तशिल्प कला के प्रति किया प्रोत्साहित
- कौशल विकास, उद्यमिता व शिक्षा को बढ़ावा देने पर जोर
- कौशल विकास और डिजिटल मार्केटिंग से सजा खादी महोत्सव, स्वदेशी, नवाचार और ग्रामीण सशक्तिकरण का भव्य उत्सव
- मरदह में कौशल विकास केंद्र का शुभारंभ: युवाओं को आत्मनिर्भर बनाने के लिए निःशुल्क प्रशिक्षण

- Telangana's Ambitious Skill Development Plan
- Construction workers' kids can now enrol in free skill upgrade courses
- Jamia Millia Islamia Opens Registration for 42 Short-Term Skill-Based Courses Starting January 2026
- CIPET and IOCL Sign MoA to Launch Skill Development Programs for Underprivileged Youth in UP, Haryana and Assam
- People of Purpose: Gunjan Patel's Bold Vision to Transform India's Education and Workforce by Empowering Millions with AI Skill
- 29% of Indian Workers Report Adequate AI Skil
- Discussion Held On Importance Of Aligning Skilling Efforts With Emerging Industry Trends at Charcha'25
- Opinion | Youth: Making Youth Job-Ready Through Practical Skills
- India: World Bank Approves Two Projects to Improve Learning Outcomes and Increase Farmers' Incomes Using Digital Solutions
- Swiggy signs MoU with upGrad for skill development of delivery partners
- कौशल विकास का प्रशिक्षण पाकर अब बेटियां भरेंगी आत्मनिर्भरता की उड़ान
- सभी उच्च माध्यमिक विद्यालयों में कौशल विकास केंद्र खुलेंगे
- जामिया हमदर्द में 'स्किल क्रांति': पारंपरिक डिग्री नहीं, तो भी मिलेगी बेहतरीन नौकरी
- आईआईटीएफ में उत्तर प्रदेश की महिलाओं ने दिखाया उद्यमिता कौशल, ओडीओपी और योजनाओं से आर्थिक सशक्तिकरण को बढ़ावा
- दिव्यांग छात्रों के कौशल विकास पर शिक्षकों का गैर आवासीय प्रशिक्षण संपन्न

- New Zealand Trade Minister Lauds India's Skill Development Progress at Mumbai Centre
- Accelerate AI Skill Development for 150,000 Thai Workers, Driving Thailand Towards Becoming "Creator" Nation in Digital Economy
- Skills for work and life Promoting technical and vocational education and training (TVET) for youth and adults
- Tech4 ED 2025 Sets New Benchmark in Global Learning with Strategic Collaborations and Knowledge Exchange
- Indian workers quietly run the world — OECD just confirmed it

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Detailed Brochure