

CSIR SKILL BULLETIN

(A FORTNIGHTLY E-PUBLICATION)

सीएसआईआर कौशल पत्रक

(पाक्षिक ई-प्रकाशन)

Editorial Team

- Dr Vinay Kumar
- Ms Neeti Sagar

In this issue

- Skill Trainings by CSIR
- Upcoming Events
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- News Clippings
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- Glimpses
- Useful Links



IMAGES: Various Skill Development Training Programs at different CSIR Labs

SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-NCL, Pune conducted a 3.5-month Skill Development Program on Synthetic Organic Chemistry from 15th May – 29th August 2025, training 11 enthusiastic students. Participants gained hands-on experience in planning, designing, executing, and analyzing organic synthesis projects, with extensive exposure to advanced laboratory facilities. By the conclusion, they were well-prepared to independently perform both standard and advanced organic transformations safely. The program was coordinated by Dr. Utpal Das and his team, under the guidance of Dr. Rajesh Gonnade (Nodal Head). CSR sponsors Envalior and CSIR-SDP generously supported the initiative, enabling its successful execution.



CSIR-CEERI, Pilani, under the CSIR Integrated Skill Initiative - Phase III, sponsored by RIICO Jaipur, conducted a one-month Skill Development Program on “Advanced Industrial IoT” during 21st August - 19th September 2025. A total of 20 participants attended the program. It was designed to provide participants with a strong foundation in cutting-edge Industrial IoT technologies, covering sensors, communication protocols, cloud platforms, edge computing, data analytics, and cybersecurity. With 90% hands-on training, the course enabled participants to gain practical expertise in developing, deploying, and managing Industrial IoT applications relevant to smart manufacturing and Industry 4.0. This initiative not only bridged the gap between academic knowledge and industrial application but also empowered participants with future-ready skills to contribute meaningfully to India’s digital and industrial transformation journey.



CSIR-CCMB, Hyderabad conducted a Skill Development Program on "Genetic and Microbial Monitoring of Laboratory Animals" (GMMA-II) during 8th - 16th September 2025. A total of 10 participants from across India—including veterinarians, faculty members, early-career researchers, and researchers from start-ups and industry—engaged in this eight-day program. The training offered intensive hands-on sessions and theoretical insights covering tissue collection, DNA isolation, genotyping (gene-specific and SSLP marker), use of biochemical analyzers, microbial contamination detection, prevention, and assessment. In addition, the program included sessions on laboratory safety and management as well as experimental planning, equipping participants with comprehensive skills for effective laboratory animal monitoring and research practices.



CSIR-IICB, Kolkata conducted hands-on training in 14 parallel programs on “High-End R&D Lab Techniques” during 8th - 19th September 2025. The training covered diverse advanced areas, including Gas Chromatography-Mass Spectrometry (GCMS), Nuclear Magnetic Resonance (NMR), Liquid Chromatography-Mass Spectrometry (LCMS), High-Performance Liquid Chromatography (HPLC), techniques for 3D structure reconstruction from Cryo-EM datasets of biological samples, Advanced Bioinformatics, Flow Cytometry, RT-PCR, Clinical Biochemistry, Microbiology and Pathology techniques for biomedical applications, Optical Microscopy, Molecular Cloning, Protein Expression and Structural Characterization, Basic Plant Tissue Culture Technique, Separation Techniques for Organic Molecules, and X-ray Crystallography (small molecules). A total of 85 candidates successfully received the training.



CSIR-NIIST, Thiruvananthapuram conducted a Skill Training Program on “Agro and Food Process” as part of the CSIR Skill Initiative during 8th - 26th September 2025. A total of 10 participants successfully completed the training program.



CSIR-CMERI, Durgapur conducted a three-day Skill Development Programme on “Estimation, Billing & Quality Checking of Civil Works” during 10th – 12th September 2025. A total of 33 Bachelor of Engineering (2nd & 3rd Year) students participated in the program.



CSIR-CECRI, Karaikudi conducted a one-week Skill Development Training Program on “Operation and Maintenance of Analytical Instruments” during 15th – 19th September 2025. The programme aimed to provide the latest knowledge and skills in the area of analytical instruments. A total of 51 participants from various parts of Tamil Nadu attended the training program. The program was inaugurated by Dr. M. Raju, Chief Scientist and Head of the Central Instrumentation Facility at CSIR-CECRI. The event was coordinated and hosted by Dr. S. M. Rajendran, Chief Scientist & Nodal Officer, CSIR-ISI, who also delivered the welcome address. An overview of RTC’s training activities was presented by Mrs. G. Alamelu, Director of RTC, Amaravathipudur. The program was technically convened by Mr. V. Prabu, Senior Technical Officer, who also delivered a lecture on the current training activities. A formal vote of thanks was proposed by Mr. A. Rathish Kumar, PTO. Several faculty members were also present during the inaugural function.



CSIR-IIP, Dehradun conducted a Skill Development Training Program on “Industrial Catalyst Preparation and Micro-reactor Studies” during 15th – 26th September 2025, under the aegis of the CSIR-IIP Integrated Skill Initiative. The training program provided a basic overview of catalysts, catalyst materials, promoters, catalyst modifications, preparation, and catalyst reaction studies of the prepared catalysts, along with hands-on practice on micro-reactors at the LSPD labs of CSIR-IIP. During the valedictory session, Officiating Director, CSIR-IIP, Dr. S. K. Ganguly, LSPD HOA, Dr. Ankur Bordoloi, In-Charge Training, Shri Premchand N., and senior faculty members from LSPD – Dr. Mohd Belal Haider, Dr. Prem Lama, Dr. Selvamani, Dr. Anup, Dr. Sandeep Saxena, Shri Amit Sharma, and Shri Phanindra – delivered talks and interacted with the students. Dr. S. K. Ganguly distributed the participation certificates, and the 10-day training program successfully concluded with an overwhelmingly positive response from the participants. A total of 02 participants attended the program.



CSIR-NEERI, Nagpur conducted a Green Skill Training Program on “Soil Quality Assessment and Land Management” during 16th - 17th September 2025 under the CSIR-Integrated Skill Initiative activities. The program was inaugurated by Dr. S. Venkata Mohan, Director, CSIR-NEERI, who addressed the participants on issues related to soil health, carbon formation in degraded land, and sustainable land management. Dr. Sanjeev Kumar Singh, Sr Principal Scientist & In-charge, SEAF, and Course Coordinator, briefed the participants about the course contents. Dr. Harshvardhan Singh, Sr Pr. Scientist & In-charge, Skill Development Centre. Participants from rural and urban areas of Tamil Nadu, Madhya Pradesh, Gujarat, Delhi, Maharashtra, Chhattisgarh, Telangana, Uttar Pradesh, Bihar, and Kerala, representing different organizations, took part in the program. The training comprised technical presentations, hands-on training on soil analysis at the NABL-accredited Soil Testing Lab, and practical sessions on organic and inorganic analysis using sophisticated analytical instruments such as GC/GC-MS, ICP-MS, DMA, ICP-OES, TOC, CHNS, UPLC, IC, and FTIR.



CSIR-IITR, Lucknow conducted a one-day workshop on “Entrepreneurship Awareness Program” under the CSIR-Integrated Skill Initiative on 17th September 2025. A total of 50 participants from different universities and backgrounds attended the workshop, representing a wide range of academic levels including graduates, Ph.D. scholars, faculty members, and entrepreneurs. The inaugural session began with a welcome address by Dr. Ravi Ram Kristipati (Nodal Scientist, Skill Development Programs, CSIR-IITR), followed by remarks from Dr. Bhaskar Narayan (Director, CSIR-IITR). The workshop was coordinated by Dr. K. C. Khulbe (Chief Scientist & Head, RPBD, CSIR-IITR), Dr. Ashwani Bhardwaj (Senior Scientist, RPBD Division, CSIR-IITR), and Ms. Himanshi Tripathi (Scientist, RPBD Division, CSIR-IITR). The guest lectures were delivered by Dr. Himank Agrawal (Medical Doctor turned Entrepreneur and Founder of Solvinn MedTech) and Dr. Arijit Bhattacharjee (Biomedical Innovation Strategist and Ecosystem Coordinator, IIT Kanpur).



CSIR-CMERI, Durgapur conducted a three-day Skill Development Programme on “Liquid Waste Management Technologies” during 22nd - 24th September 2025. A total of 28 participants from various engineering colleges attended the programme.



CSIR-IMMT, Bhubaneswar conducted a Skill Development Program on “COMSOL Multiphysics Simulation” under the CSIR-Integrated Skill Development Program, in collaboration with COMSOL Multiphysics Pvt. Ltd., during 23rd - 24th September 2025. A total of 153 participants attended the program in hybrid mode, including 63 participants offline and 90 participants online.



CSIR-CMERI, Durgapur conducted a Hands-on Training & Skill Development Programme on “Integrated Solid & Liquid Waste Management” during 22nd - 24th September 2025, catalyzed and supported by M/s Ecosafe Zero Waste Solutions Pvt. Ltd., Patna. A total of 31 participants participated in the programme.



CSIR-NIO, Goa, under the CSIR Integrated Skill Initiative Phase-III, conducted a 3-day training program on “Basic Chromatographic Techniques” during 23rd - 25th September 2025 at N.K. Panikkar Hall, CSIR-NIO, Goa. A total of 43 participants from Goa, Maharashtra, and Karnataka actively attended the program. The trainees received intensive hands-on training on chromatographic methods widely used in chemical and biological sciences. The course included practical sessions on Thin-Layer Chromatography (TLC), Gel Permeation Chromatography (GPC), and Silica Gel Column Chromatography, covering column preparation, sample loading, elution techniques, and result interpretation. Participants were also introduced to the principles, types, and applications of High-Performance Liquid Chromatography (HPLC), which was supplemented with a live demonstration.



CSIR-IMTech, Chandigarh conducted a two-day training workshop on “Bio-Waste Safety: Our Priority Your Protection” CSIR Integrated Skill Initiative during 26th - 27th September 2025, focusing on Biomedical Waste Management. The workshop combined in-depth lectures with hands-on sessions covering the collection, segregation, and safe disposal of biomedical waste. A total of 30 participants attended and were sensitized to critical procedures and regulatory frameworks essential for safe and effective biomedical waste management. Dr Neeraj Khatri, Nodal Officer for Biomedical Waste Management, addressed the participants, emphasizing strict adherence to CPCB guidelines and the importance of using Personal Protective Equipment (PPE) to minimize health risks. Dr Khatri also extended his appreciation to the organizing team – Mr Ashish Kumar Dubey, Ms Mohini Sharma, Mr Ashish Kurmi, and Ms Kriti Kumari – for the successful execution of the program.




CSIR-NGRI organised a training program on “Magnetotelluric Exploration for Earth Resources” from 22-26 September 2025 under CSIR Integrated Skill Initiative. The program started with a brief introduction by Dr BPK Patro, program coordinator, followed by an address by Dr Abhey Ram Bansal, Nodal Officer. The program was formally inaugurated by Dr Prakash Kumar, Director, CSIR-NGRI and Dr Abdul Azeez K. K, Program Co-coordinator introduced the participants.

A total of 23 participants (6 female and 17 male) attended the course, comprising 9 working professionals, 7 PhD scholars, and 7 Master’s students from various industries, universities, and institutes across India such as GSI Hyderabad, Oil India Assam, AMD Hyderabad, Government Vishwanath Yadav Tamaskar Autonomous PG College (Chhattisgarh), NEHU Meghalaya, IIT Kharagpur, IIT(ISM) Dhanbad, IPE Vizag, BHU Varanasi, MIT Manipal, Government Arts College Tamil Nadu, and Manikchand Pahade Law College Maharashtra. The training program was designed to get an in-depth knowledge of Magnetotelluric techniques and their applications to resource exploration and hands-on training in MT data acquisition, processing and modelling using state-of-the-art software and the latest equipment.



UPCOMING EVENTS

आगामी आयोजन



CSIR-CCMB

Skill Development Program
On
"Nanotheranostics for Biomedical Applications"

27th to 31st October 2025

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on "Nanotheranostics for Biomedical Applications" (NANO-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 about the basic techniques of Nanotheranostics for research in various experiments and supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

No. of seats	: 12-14
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 27 th to 31 st October 2025
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (including accommodation)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum (includes lectures and hands-on sessions on):

Synthesis of:

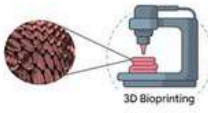
- Metal nanoparticles
- Polymer nanoparticles
- Targeted nanoparticles
- Organic quantum dots

3D Bioprinting of Hydrogels
Nanotheranostics applications of few synthesized Particles
Characterization study using high-end instruments:

- TEM
- SEM
- FTIR
- Fluorescence Spectroscopy
- Fluorescence Microscopy


Salient Features of the Training:

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



3D Bioprinting

Scan to Apply



Training Coordinator:
Dr. Ira Bhatnagar
Principal Scientist
CSIR-CCMB,
Hyderabad.

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



CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY
(Under Ministry of Science & Technology, Govt. of India)
Tarnaka, Uppal Road, Hyderabad – 500007, Telangana, India



Skill Training program on
Organic Coatings & Paints

14th OCT 2025 to 16th OCT 2025 9:30 am - 5:00 pm

Highlights:

- Rigorous training on advanced topics by means of theory & Experimentation
- Personal Attention during Hands on sessions
- Exposure to Research areas in the Institute
- Course completion CERTIFICATE to all the Trainees

Eligibility Criteria : PG Students / Industry / R&D Professionals

Batch size : 20

Training Fee : INR 5900/- (Course fee : 5000 + 900 GST)

Important Dates:

Online Registration : Start date : 08-09-2025	End date : 25-09-2025
Communication of selected candidates : 30-09-2025	
Training : Start Date : 14-10-2025	End Date : 16-10-2025



CSIR Integrated Skill Initiative

Organized by : Dept of Polymers & Functional Materials

Course Co-ordinators
Dr. Rohit Kumar Rana
Chief Scientist &
Dr. J. Jayaramudu
Sr. Principal Scientist



Skill India



Scan to Register

Nodal Officer- Skill Development
CSIR-Indian Institute of Chemical Technology, Tarnaka-Uppal Road,
Hyderabad - 500 007, Telangana, India

sdp.ict@csir.res.in [f](#) [ictindia](#)
040-2793048



HANDS-ON TRAINING: HANDLING AND MAINTENANCE OF C.elegans

Date: 30.10.2025-31.10.2025

Learnings-

- Learn to culture and handle bacteria and Caenorhabditis elegans
- Observe and identify developmental stages of C. elegans
- Observe human-relevant disease models of C. elegans
- Understand the genotype and phenotype relationship
- Able to identify, handle, and culture C. elegans



CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

Eligibility:-M.Sc.

Course Fee:-
For academia- Rs. 2000/-
For industry- Rs. 4000/-

Last date of registration:-
19.10.2025

Time :- 9:00 AM-5:30 PM

Venue:- CSIR-IITR, M. G. Marg, Lucknow

COURSE COORDINATOR
Dr. Aruna Satish
Principal Scientist

For queries, contact:
Monika Yadav (Student Coordinator)-
7905799463
Sadiya Zafar (Student Coordinator)-
9838608758
Aastha Chandra (Student Coordinator)-
9565973888
Dr. Ravi Ram Kristipati (Nodal Scientist)-
9307449236
sdp1.iitr@csir.res.in, sdp1iitr@gmail.com

CLICK/SCAN HERE TO REGISTER
<https://iitr.res.in/En/SDP.aspx>



Share



SCAN HERE FOR PAYMENT-



Training Coordinator
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Program Coordinator
Dr. Mukesh Jewariya
jewariya.mukesh@gmail.com
jewariyam.nplindia@csir.res.in
+91-11-47061669, 8588811541

Registration Link:
<https://forms.gle/4XcYeTdujGZckqmR8>

Venue:
Room No-1, HRD Wing, CSIR-NPL
Dr. K. Krishna Murthy, Hyderabad - 500 015



CSIR- Integrated Skill Initiative

Impedance Metrology
29th - 30th September, 2025

CSIR-NATIONAL PHYSICAL LABORATORY

Impedance metrology is essential to ensure precise and reliable measurements of complex electrical properties.

Who would benefit

- ✓ Calibration and Testing Engineers
- Quality Assurance/Control Managers
- ✓ Research Scientists and Engineers
- ✓ Professionals from laboratory seeking or holding ISO/IEC 17025 accreditation

National Metrology Institute of India



- Impedance Analyzer
- AC Resistance
- Capacitance
- Inductance
- LCR Meter
- AC Bridge

- Metrological Traceability
- Uncertainty Estimation
- Quality System
- ISO/IEC 17025
- Calibration
- Testing

Training Coordinator
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jewariyam.nplindia@csir.res.in
+91-11-47061669, 8588811541

Registration Link:
<https://forms.gle/4XcYeTdujGZckqmR8>

Venue:
Room No-1, HRD Wing, CSIR-NPL
Dr. K. Krishna Murthy, Hyderabad - 500 015



सी एसआईआर-भारतीय समवेत औषध संस्थान, जम्मू
CSIR - Indian Institute of Integrative Medicine
 CSIR-INTEGRATIVE SKILL INITIATIVE (PHASE-III)

**INTRODUCING
JOB
ORIENTED
SKILL
DEVELOPMENT
COURSES**


ADMISSIONS OPEN



<p>ANALYST/CHEMIST-QUALITY CONTROL (HPLC) COURSE CODE - LFS/02301-5001</p> <p>ELIGIBILITY: Completed or pursuing Msc in Chemical Sciences, Biological Sciences/Pharmacy/ Engineering/ Instrumentation/ Food Technology</p>	<p>LAB TECHNICIAN - WET LAB PHARMA, BIOLOGICS & MEDICAL DEVICES COURSE CODE - LFS/00549-5001</p> <p>ELIGIBILITY: 10+2 with Science Subject</p>	<p>RESEARCH ASSOCIATE-API SYNTHESIS & MEDICAL CHEMISTRY PHARMA & BIOLOGICAL PRODUCTS COURSE CODE - LFS/04514-5001</p> <p>ELIGIBILITY: Completed / Pursuing Masters in Chemical Sciences / Pharmaceutical Sciences</p>
<p>PRODUCTION MACHINE OPERATOR-NON-STERILE FORMULATION (Biosimilars, Packaging - Tablets & Capsules) COURSE CODE - LFS/02302-5004</p> <p>ELIGIBILITY: Completed / Pursuing Diploma in Packaging/ Pharmacy/ Bsc Life Sciences/ Chemical Sciences/ Engineering</p>	<p>CHEMIST-QUALITY CONTROL-GAS CHROMATOGRAPHY (GC) COURSE CODE - LFS/02305-5004</p> <p>ELIGIBILITY: Completed or pursuing Msc in Chemical Sciences, Biological Sciences/ Pharmacy/ Engineering/ Instrumentation/ Food Technology</p>	<p>APPLY</p>  <p>BEFORE 15th OCTOBER 2025</p>

LIMITED SEATS AVAILABLE

www.iiim.res.in



CSIR-CCMB
 Skill Development Program
 On
"Nanotheranostics for Biomedical Applications"
 10th to 14th November 2025

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on "Nanotheranostics for Biomedical Applications" (NANO-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 about the basic techniques of Nanotheranostics for research in various experiments and supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

No. of seats	: 12-14
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 10 th to 14 th November 2025
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (including accommodation)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdjp/

Training Curriculum (includes lectures and hands-on sessions on):

Synthesis of:

- Metal nanoparticles
- Polymer nanoparticles
- Targeted nanoparticles
- Organic quantum dots

3D Bioprinting of Hydrogels
 Nanotheranostics applications of few synthesized Particles
 Characterization study using high-end instruments:

- TEM
- SEM
- FTIR
- Fluorescence Spectroscopy
- Fluorescence Microscopy


Salient Features of the Training:


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

Training Coordinator:
 Dr. Ira Bhatnagar
 Principal Scientist
 CSIR-CCMB,
 Hyderabad.

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

Scan to Apply





CSIR-CCMB
 Skill Development Program
 On
"Medical Students Research Training" (MedSRT-5)
 08th - 20th December 2025

The Centre for Cellular and Molecular Biology (CSIR-CCMB), Hyderabad invites applications from MBBS students (2nd & 3rd years) to participate in a 2-week "Medical Students Research Training" (MedSRT) program. This program is specifically designed for medical students, and it offers training on research methodologies through a series of lectures and hands-on experiments. The students would be also exposed to scientific ethics, good laboratory practices, biosafety and various research facilities at CCMB and its Annexes.

No. of seats	: 20-25
Target Audience	: M B B S 2 nd & 3 rd Year Students
Dates	: 08 th - 20 th December 2025
Mode of the Course	: In-house training at CCMB, Hyderabad
Mode of selection	: Application form & Statement of Purpose
Fee Particulars	: Fee and Accommodation will be taken care by CCMB
Course Code	: MedSRT-5

Application Process:


- Apply using the Scanner or link http://recruitment.ccmb.res.in/training_programs/MedSRT/
- Applicants must upload a forwarding "No Objection Certificate" from HOD/Principal of the University/ College/ Institute
- Statement of Purpose (SOP) for attending this program and a brief biodata.

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

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

Scan to Apply



Registration

Fee
INR 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.

Procedure
The course registration can be completed via online form which can be obtained using the URL below:
<https://serc.res.in/course>

Boarding and Lodging
Limited accommodation in the Guest House/Trainee Hostel at CSIR-SERC campus can be arranged on first-come first-serve basis at extra cost. Participants, who wish to avail this facility, are advised to write to the coordinators well in advance.

Prerequisites
The course registrants can ensure adequate knowledge on the background to course contents through academic qualifications/working experience to fully exploit the benefits of attending advanced courses.

Promo

Scan QR Code:



<https://youtu.be/joC2sFDksl4?feature=shared>



Advanced Course on Seismic Engineering & Testing

07-09 October 2025

For further details, please contact
Course Coordinators

Dr. Balasubramanian S R
email: srbala.serc@csir.res.in
Ph: +91 44 2254 9226; +91 96771 79537

Mr. J C Sunil
email: sunil.serc@csir.res.in
Ph: +91 44 2254 4837; +91 78968 92327

CSIR- Structural Engineering Research Centre
(An ISO 9001:2015 Certified Organisation)
CSIR Campus, Taramani, Chennai - 600113, Tamil Nadu



Course Details

Overview

CSIR-Structural Engineering Research Centre, Chennai is one of the constituent laboratories of Council of Scientific & Industrial Research (CSIR), India. CSIR-SERC has been certified as ISO 9001:2015 quality institution. It has excellent facilities and expertise for the analysis, design and testing of structures and structural components. As part of the CSIR Integrated Skill Initiative, CSIR-SERC is organizing the Advanced Course on Seismic Engineering and Testing.



Background

The current principal challenge in Structural Engineering lies in developing Innovative Concepts to protect buildings and structures during all sorts of natural and man-made hazards. As per latest draft Indian Standard IS:1893 (Part 1) 2023, in the revised Seismic Zonation map, 59% of the land area (with over 78% of its population living in it) is prone to moderate to severe earthquake shaking intensities. Advanced Seismic Testing and Research (ASTaR) Laboratory, with its state-of-the-art testing facilities, has contributed to fundamental and applied research in the field of Earthquake Engineering.

Objectives

The course is intended with the objective of disseminating the knowledge and expertise accrued over the years to a larger engineering fraternity. The course would allow the participants to familiarize themselves with the recent advancements. It is sincerely expected that the course would be useful for students, researchers, scientists, academicians, design and practicing engineers, managers and other engineering professionals working or intended to work in the area of earthquake engineering and also, would provide direction for future developments in this area.



Course Contents

The course is envisaged to familiarize the participants with the latest, yet to be implemented, draft provisions in Indian design standards, comparison with International standards, experimental techniques for evaluation of RC and structural masonry buildings, seismic safety of specific typology of structures such as buildings with geometrical irregularities, Open Ground storey buildings and Moment Resisting Frames,

Seismic vulnerability assessment of RC bridge piers, application of Artificial Neural Networks (ANNs), Magneto-Rheological (MR) smart systems as semi-active vibration control technique and hybrid testing methodologies in the field of seismic engineering.

A visit to different laboratories of CSIR-SERC is arranged for the benefit of participants.



Duration

Date: 07-09 October 2025
Time: 09.30 a.m. to 05.00 p.m.

Faculty

Faculty for the course mainly comprises of Scientists from CSIR-SERC.

Venue

Training and Development Complex, CSIR-SERC, Chennai












ANNUAL SKILL TRAINING CALENDAR BY CSIR LABS

सीएसआईआर द्वारा वार्षिक कौशल प्रशिक्षण कैलेंडर

CSIR NGRI ANNUAL SKILL TRAINING CALENDAR LINK:-
<https://www.ngri.res.in/cms/skill-development.php>

— Skill Development —

CSIR-National Geophysical Research Institute makes it a priority to implement "Skill India" mission of the Government of India and has initiated numbers of CSIR's Integrated Skill Initiative Training Programs for postgraduate un-employed youth in addition to the industry staffs and University/college faculties. The main aim of these courses is to create the high-quality skilled workforce relevant to current and emerging industry needs in the S&T sector through training/skilling in diverse areas at different National Skill Qualification Framework (NSQF).

Skill Development Training Program's	
Duration	Application Closing Date
Application Link	
1. Magnetotelluric Exploration for Earth Resources 	
22 nd - 26 th September, 2025	3 rd September, 2025 06:00 PM
2. Geophysical Methods for Mineral Exploration 	
6 th - 11 th October, 2025	5 th September, 2025 06:00 PM
3. Basics and Hands on training Using Non-Invasive Electrical and Electromagnetic geophysical exploration for groundwater Reserch (BHU-NEER) 	
6 th - 14 th November, 2025	5 th October, 2025 06:00 PM
4. Advanced Training Programme on Groundwater Quality 	
17 th - 28 th November, 2025	20 th October, 2025 06:00 PM
5. Seismological Data Analysis and its Applications 	
8 th - 19 th December, 2025	7 th November, 2025 06:00 PM
6. Scalar and Vector Magnetic Signatures of shallow and deep surface features for resource exploration, navigation and geohazard 	
2 nd - 12 th January, 2026	1 st December, 2025 06:00 PM
7. Fossil Fuel and Climate History 	
19 th - 24 th January, 2026	19 th December, 2025 06:00 PM
8. Geosciences for Geothermal Energy 	
23 rd - 28 th February, 2026	22 nd January, 2026 06:00 PM
9. Numerical Modeling of Geotechnical Hazards 	
9 th - 15 th March, 2026	8 th February, 2026 06:00 PM

Please see the above given information brochures for updated fee, dates and other details.

Such courses will be announced on the website of CSIR-NGRI from time to time and online application forms will be made available. Selection will be made based on criteria of number of applications and resources available, background of applicants, history of earlier trainings attended, etc. details of which will be included in the respective advertisements.

For queries related to SKILL DEVELOPMENT- [✉ skills@ngri.res.in](mailto:skills@ngri.res.in)



CSIR-IIP SKILL DEVELOPMENT PROGRAMMES CALENDAR April 2025 to March 2026



Sl. No	SKILL DEVELOPMENT PROGRAM / DURATION/TENTATIVE DATES	STATUS / REMARKS
1.	Basic Skill Development Training on "Bitumen & Bituminous Binders: Properties and Testing Methods" (19-23 May 2025)	Completed successfully
2.	Basic Skill Development Training on "Analysis with Elemental Microscopic and Thermo-gravimetric tools" (16-27 June 2025)	Completed successfully
3.	Basic Skill Development Training on "Lantana Camara Biomass Pelletization" (July 10, 2025)	Completed successfully
4.	Basic Skill Development Training on "Testing of Petroleum Products" (July 28 to August 8, 2025)	Completed successfully
5.	Basic Skill Development Training on " Industrial Catalyst Preparation and Micro- Reactor Studies" (15-26 Sept., 2025)	Scheduled
6.	Basic Skill Development Training on "Glass Blowing" 10 weeks (October 6 to December 12, 2025)	Scheduled
7.	Basic Skill Development Training on "Spectroscopic Analytical Techniques IR-NMR" (6-17 October, 2025)	
8.	Basic Skill Development Training on "Industrial Aspects of Recombinant Biotechnology" (3 Wk-Nov., 2025)	
9.	Basic Skill Development Training on "Analysis using Chromatography & Mass Spectrometry" (2 Wk-January 2026)	
10.	Basic Skill Development Training on "Testing of Petroleum products " (2 Wk-January 2026)	
11.	Basic Skill Development Training on " Characterization of Bitumen" (2 Wk February 2026)	
12.	Basic Skill Development Training on "Analysis with Elemental, Microscopic and TG Tools" (2 Wk Feb 2026)	
13.	Basic Skill Development Training on "Hands on training on Bioreactors" (2 Wk - March 2026)	
14.	Basic Skill Development Training on "Advanced Skill Development training on EV's " (2 Wk - March 2026)	

PS: To conduct a Skill Development training program on topics related to hydrocarbon, a minimum enrollment of 10 to 15 participants is necessary. The finalization of training dates will be carried out in close coordination with the respective client organization.

FOR DETAILS PLEASE CONTACT:

Premchand N. (In-Charge Training) / Rajnish Bhatnagar
 CSIR-Indian Institute of Petroleum, Dr B.R. Ambedkar International Training Centre, Dehradun – 248005 Uttarakhand India
 Tel: 0135 2525952/951 Mob 9481709862 ; 8218559825 Fax :0135-2660202 Email: premchand.nerusu@csir.res.in / rajnish@csir.res.in / www.iip.res.in



CSIR-National Chemical Laboratory,
Pune-411008



(Phase III)[FY 2025-26]

Tentative Annual Calendar 2025 - 2026.

Month	Name of the program	Tentative date
September	Chromatographic Techniques	01-09-2025 to 12-09-2025
October	Quality Control chemistry	06-10-2025 to 17-10-2025
	Polymer Characterization by DSC, TGA and GPC Spectrophotometer	06-10-2025 to 17-10-2025
November	Genome Sequencing (Oxford Nano pore Sequencing) and editing (CRISPR / Cas9 technology)	03-11-2025 to 14-11-2025
	Polymer characterization with GPC Techniques	24-11-2025 to 28-11-2025
December	Synthetic organic chemistry	01-12-2025 to 15-02-2026
	Chromatographic Techniques	08-12-2025 to 19-12-2025
January	Drug Polymorphism and Pharmaceutical Multicomponent Solids	05-01-2026 to 16-01-2026
February	Food Safety and Quality Assessment	02-02-2026 to 13-02-2026
March	Women's Day Special Batch HPLC AND LC-MS	1 st week of March
	Women's Day Special Batch on GPC Techniques	2 nd week of March
	Quality Control Chemist	2 nd week of March
	Chromatographic Techniques	Last week of march
April-May	New Battery Testing Course	April-May 2026
May-July	NMR Course	May-July 2026



CSIR Integrated Skill Initiative







CSIR-CMERI under CSIR Integrated Skill Initiative programme has been carrying out a large number of Skill/ Training programmes at various levels to train students, MSME artisans, working professionals from industries, NGOs and also small entrepreneurs. These skilling/training programmes, carefully designed considering the country's requirement of skilled workforce, are linked to employment generation including small scale techno-preneurship. Skill development programmes for the students, MSME sector are being organised without charging any fee keeping in view the institute's contribution towards the Scientific Social Responsibility.

CSIR-CMERI is accredited with three Sector Skill Councils (CGSSC, ASCI & SCGJ) with a total no. of four Job Roles.

CSIR-CMERI conducts Advanced Entrepreneurship and Skill Development Programmes (A-ESDP) in affiliation with Ministry of MSME, Govt. of India



CSIR - Central Mechanical Engineering Research Institute
M. G. Avenue, Durgapur - 713209

Skill Development Courses (SDP) in 2025-26		
Sl	Course Title	Duration / Tentative Schedule
1	Entrepreneurship cum Skill Development programme on "Integrated Municipal Solid and Liquid Waste Management System"	23rd April to 2nd May, 2025
2	4 weeks' In-Plant Training in Precision Agriculture (CoEFM)	May-June 2025
3	Entrepreneurship cum Skill Development programme on "Integrated Municipal Solid and Liquid Waste Management System"	11th June to 13th June, 2025
4	Skill Development Programme on "Renewable Energy Systems"	July 28-30, 2025
5	Hands-on Training on Sanitation Equipments	August 2025
6	Integrated Municipal Solid and Liquid Waste Management System	August 2025
7	Condition Assessment of Civil Structures through NDT	September 2025
8	Estimate, Billing and Quality Checking of Civil Works	September 2025

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Skill Development Courses (SDP) in 2025-26		
Sl	Course Title	Duration / Tentative Schedule
9	Industry focused hands on Workshop on Dimensional Measurement & Metrology	September 2025
10	Hands-on Training on Scientific Instrument usage for Performance Evaluation of Agricultural Machinery and Implements	September 2025
11	Liquid Waste Management	September 2025
12	Training Program on Sanitation Equipment Testing	October 2025
13	Integrated Municipal Solid and Liquid Waste Management System	October 2025
14	Electric 3-Wheeler Maintenance	October 2025
15	Hands on Workshop on Dimensional Measurement & Metrology	November 2025
16	Training program on IoT and Embedded System	November 2025

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Skill Development Courses (SDP) in 2025-26		
Sl	Course Title	Duration / Tentative Schedule
17	CNC Turning, CNC EDM and CNC Wire EDM	November 2025
18	Understanding and Preparation of Manufacturing Drawing using CAD.	December 2025
19	Estimate, Billing and Quality Checking of Civil Works	December 2025
20	Hands-on Training on Sanitation Equipments	December 2025
21	Integrated Municipal Solid and Liquid Waste Management System	January 2026
22	Hands-on Training on Scientific Instrument usage for Performance Evaluation of Agricultural Machinery and Implements	January 2026
23	Bio Energy, Farm Machinery Design and Engineering Practices	January 2026
24	CNC Turning, CNC EDM and CNC Wire EDM	February 2026

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Skill Development Courses (SDP) in 2025-26		
Sl	Course Title	Duration / Tentative Schedule
25	CNC Turning, CNC EDM and CNC Wire EDM	November 2025
26	Training program on IoT and Embedded System	February 2026
26	In-Plant Training in Precision Agriculture (CoEFM)	February 2026
27	Electric 3-Wheeler Maintenance	February 2026
28	Skill Development Programme on "Renewable Energy Systems"	February 2026



Skill Development Programmes under CSIR Integrated Skill Initiative

CSIR-Institute of Minerals & Materials Technology, Bhubaneswar
Annual Planner FY 2025-2026



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.

On 24th September 2016 Honorable Prime Minister Shri. Narendra Modi inaugurated the "CSIR Platinum Jubilee" Celebration. On this occasion, "CSIR Integrated Skill Initiative" programme has been launched on pan-India basis in all CSIR labs. The aim is to train people of India in all relevant skill areas. All these training programs are interconnected and linked to industry requirements and thus would invariably contribute to subsequent employment generation, including small-scale entrepreneurship.

About CSIR-IMMT:

CSIR-Institute of Minerals and Materials Technology (IMMT) was established on 13.04.1964 as Regional Research Laboratory, Bhubaneswar in the eastern part of India under the aegis of the Council of Scientific and Industrial Research (CSIR), New Delhi. It was renamed in 2007 with a renewed research focus and growth strategy to be a leader in the areas of mineral & material resource engineering. The institute has expertise in conducting basic research and technology oriented programs in a wide range of subjects to address the R&D problems of mining, mineral and metals industries and ensure their sustainable development. For the last one decade, the main thrust of R&D at CSIR-IMMT has been to empower Indian industries to meet the challenges of globalization by providing advanced and zero waste process know-how and consultancy services for commercial exploitation of natural resources through the public-private-partnership (PPP) approach. Today, CSIR-IMMT is the first choice for many mineral based industries. It is also carving out a niche in processing of advanced materials for greater value addition and working on resource use efficiency of critical raw materials.

Organisational Structure:



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.

For FY 2025-26, a total of 63 short-term training and skill development programmes (ranging from 1 to 5 days) are planned in offline/online mode. These programmes will not only cover IMMT's core expertise in mining, minerals, and metals but also extend to a wide spectrum of cutting-edge and interdisciplinary areas such as machining and welding, electrical, electronics, instrumentation, information and communication technology, AI&ML, waste utilization, metal craft, materials characterization techniques, societal technologies, environmental analysis, safety, and recycling of electrical and electronic items.

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.

Training Calendar 2025-26

Sl.No	Titles of Skilling Programs	Tentative month	Tentative Duration
1	Startup and IPR Conclave	September 2025	1 day
2	Demonstration and training on Natural Disinfectant Surface Cleaner formulation	September 2025	1 day (12 th Sept, 2025)
3	Certificate Course In Advance Machining	October 2025	5 days
4	Foundation Course on Web Design	October 2025	5 days
5	Mechanical Characterization & Evaluation of Engineering Materials	October 2025	4 days
6	Melting, Casting and Defect Analysis of Brass, Bell Metal, and Dokra Artifacts	October 2025	5 days (13 th -17 th Oct. 2025)
7	Industrial Instrumentation: Practical Skills for Real-World Applications	October 2025	5 days
8	Arduino based programming and embedded system hardware development	October 2025	3 days
9	Innovation and IPR for Sustainable Development	October 2025	3 days
10	Hands-On Training in Bakery Making & Packaging	October 2025	2 days (28 th -29 th Oct, 2025)

11	Hands-On Training in Bakery Making & Packaging	October 2025	2 days (30 th -31 st , Oct, 2025)
12	The Art of Graphics Designing: Photoshop & CorelDraw Essentials	November 2025	5 days
13	AI-Air battery module design, fabrication, and electrochemical evaluation	November 2025	5 days
14	Semiconductor materials preparation or characterization	November 2025	1 day (11 th Nov, 2025)
15	LabVIEW Fundamentals and Advanced Techniques: A Practical Workshop	November 2025	5 days
16	Raspberry-pi based hardware development	November 2025	3 days
17	IP - MENTOR: Monitoring and Evaluation of New Technology and Offering Revenues through IP	November 2025	1 day
18	Techniques in Environmental Microbiology	November 2025	4 days (17 th -20 th Nov, 2025)
19	Hands on training for the manufacture of good quality ash bricks as per BIS	November 2025	1 day
20	Workshop on Advanced Electron Microscopy	November 2025	3 days
21	Preparation of SERS substrates for environmental monitoring	November 2025	2 days (24 th -25 th Nov, 2025)
22	Hands-On Training in Bakery Making & Packaging	November 2025	2 days (19 th -20 th , Nov, 2025)
23	Phytoremediation for sustainable environmental remediation	November 2025	2 days
24	Training in Earthenware & Terracotta Sintering	November 2025	2 days (17 th -18 th , Nov, 2025)
25	Hands-on Training on Workplace Safety and Risk Management	November 2025	3 days
26	Modern Plumbing Systems and Maintenance Skills	November 2025	3 days
27	Full-Stack PHP Development	December 2025	5 days
28	Melting, Casting, and Defect Analysis of Brass, Bell Metal, and Dokra Artifacts	December 2025	5 days (15 th -19 th Dec. 2025)
29	Matlab Programming for Scientific Computing	December 2025	5 days
30	Essentials of Patents	December 2025	3 days
31	Biophysical and Microbiological Techniques	December 2025	3 days
32	Biochar: Production, Characterisation and Application	December 2025	3 days
33	Skill development training on Advanced techniques of Materials Characterization	December 2025	2 days (8 th -9 th Dec, 2025)
34	Molecular Modeling Fundamentals and Applications in Materials and Minerals Sector	December 2025	2 days (8 th -9 th Dec, 2025)
35	Certificate Course In Advance Welding	January 2026	5 days
36	Comprehensive IT Support Training: Hardware, Networking and Maintenance	January 2026	5 Days
37	Carpentry Training Program	January 2026	2 days
38	Non-destructive Evaluation & Failure Analysis	January 2026	4 days
39	Powder Metallurgy Processing and Characterization of Materials	January 2026	3 days
40	Nanomaterials for Energy and Environment	January 2026	3 days (7 th -9 th Jan, 2026)

41	Hands-On Training on Air Conditioning & Refrigeration: Installation, Maintenance & Troubleshooting	January 2026	5 days
42	Machine Learning using Python	January 2026	5 days
43	Biophysical techniques for metal-macromolecular interaction	January 2026	3 days (7 th -9 th Jan, 2026)
44	Strategies for Technological Advancement in Research - an IP Interface (STAR - IP)	January 2026	1 day
45	Environmental Impact Assessment	January 2026	3 days
46	Awareness cum training program on atmospheric pollution and its health impact	January 2026	3 days
47	Training in low-cost Drying Skills for local food items	January 2026	2 days (20 th -21 st , Jan, 2026)
48	Training in low-cost Drying Skills for local food items	January 2026	2 days (23 rd -24 th , Jan, 2026)
49	Hands-On Training on Electrical Wiring, Earthing and Stator Connections	January 2026	5 days
50	Hands-On Training on Solar System, Connection & Maintenance	February 2026	2 days
51	Core Cyber Security Concepts	February 2026	5 days
52	Melting, Casting, and Defect Analysis of Brass, Bell Metal, and Dokra Artifacts	February 2026	5 days (9 th -13 th Feb, 2026)
53	Value addition to Waste	February 2026	1 day
54	Preventive Maintenance & Troubleshooting of Thermal and Laboratory Equipment	February 2026	5 days
55	Machine Learning using Matlab	February 2026	5 days
56	Biochar: Production, Characterisation and Application	February 2026	3 days
57	Metallurgical methods for the Separation of metals	February 2026	5 days
58	Training in Earthenware & Terracotta Sintering	February 2026	2 days (3 rd - 4 th Feb, 2026)
59	Principles and Practices of Mineral Processing: Focus on Iron Ore and Graphite Beneficiation	February 2026	5 days
60	Driving Skills for Road Safety, Smart Mobility, and Sustainable Transport	February 2026	3 days (11 th -13 th Feb, 2026)
61	Electrochemical processing of materials (Etching, Anodizing, Electroless plating and Electroplating)	March 2026	3 days
62	Patenting Strategies	March 2026	5 days
63	Training in Mineral Characterization and Beneficiation	March 2026	5 days

* New courses may be introduced for Academic Institutions, Government Departments, Industries and CSIR-IMMT as tailor-made programs for students, staff and sponsored participants.

Registration and programme details will be regularly updated at <https://www.immt.res.in/hrd-skill-development>

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CSIR-CCMB - Skill Development Program

Training Calendar 2025-26

<p>"Basic Techniques in Animal Cell Culture"</p> <p>Course Code: BTACC Duration: 06 days Dates: 04th - 09th Aug' 2025 No. of Seats: 6-8 Fee: 15,000.00 INR Mode: Offline</p>	<p>"Medical students Research Training"</p> <p>Course Code: MedSRT Duration: 15 days Dates: 12th - 24th Dec' 2025 No. of Seats: 30 Fee: No fee Mode: Offline</p>
<p>"Molecular Cloning and Protein Expression"</p> <p>Course Code: RECOMB Duration: 16 days Dates: 14th - 29th July 2025 No. of Seats: 12 Fee: 10,000.00 INR Mode: Offline</p>	<p>"Zebrafish Husbandry & Microinjection"</p> <p>Course Code: # Duration: 06 days Dates: 05th - 10th Jan' 2026 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>
<p>"Genetic and Microbial Monitoring of Laboratory Animals"</p> <p>Course Code: GAMMA Duration: 05 days Dates: 08th - 10th Sep' 2025 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>	<p>"Wildlife DNA Forensics"</p> <p>Course Code: WF Duration: 06 days Dates: 27th - 31st Jan' 2026 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>
<p>"CCMB Microscopy Course - 2025"</p> <p>Course Code: CMC-2025 Duration: 05 days Dates: 04th - 09th Sep' 2025 No. of Seats: 6-8 Fee: 15,000.00 INR Mode: Offline</p>	<p>"Introduction to IPR & Patents"</p> <p>Course Code: IPRPAT Duration: 03 days; Date: Feb' 2026 No. of Seats: 10-12 Fee: 7,500.00 INR Mode: Hybrid</p>
<p>"Nanotherapeutics for Biomedical Applications"</p> <p>Course Code: Nano Duration: 06 days Dates: 17th - 31st Oct' 2025 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>	<p>"LC-MS based Proteomics"</p> <p>Course Code: PROTEO Duration: 06 days Dates: March' 2026 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>
<p>"Advanced Biophysical tools for Protein-DNA/ Biomolecular Interactions"</p> <p>Course Code: Bio-Phy Duration: 05 days Dates: 17th - 21st Nov' 2025 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>	<p>"Genome Editing in Rice"</p> <p>Course Code: # Duration: 06 days Dates: Mar' 2026 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>
<p>"Identification of Medicinal and Herbal Plant Using DNA-Barcode Analysis"</p> <p>Course Code: AYUSH Duration: 06 days Dates: 01st - 06th Dec' 2025 No. of Seats: 10-12 Fee: Sponsored Mode: Offline</p>	<p>"R in Biology"</p> <p>Course Code: # Duration: 06 days Dates: Feb' 2026 No. of Seats: 10-12 Fee: 15,000.00 INR Mode: Offline</p>

Contact:
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 Chief Scientist
 Nodal Scientist - Skill Development Program
 CCMB, Hyderabad,
 Telangana - 500007
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Scan to Apply




CSIR-CDRI - Skill Development Program

Training Calendar 2025-26

Course Code	Certificate Course	Course Coordinator	Course Schedule	Fee including GST
CAD	Computational Approaches to Drug Design and Development	Dr. M.I. Siddiqui	10-11-2025 to 20-12-2025 (06 Weeks)	Rs. 10000/-
PPF	Plant authentication, phytochemical extraction; formulation and HPLC analysis of herbal products	Dr. Vineeta Tripathi	05.01.2026 to 31.01.2026 (04 weeks)	Rs. 10000
LAE	Advanced course on Care, Management of Laboratory Animals & Experimental Techniques	Dr. Rajdeep Guha	15-01-2026 to 04-02-2026 (3 weeks)	Rs. 10000/-
PTT	Pathological Tools & Techniques for biomedical applications	Dr. Madhav N Mugale	13-05-2025 to 09-06-2025 (4 weeks)	Rs. 10000/-
PDQ	Pharmaceutical Product Development and Quality control	Dr. Prabhat R Mishra	03.11.2025 to 28.11.2025 (04 weeks)	Rs. 10000/-
AST	Advanced Spectroscopic (NMR, HPLC LC-MS, UV/IR) Techniques	Dr. Sanjeev kanojya	20.10.2025 to 12.12.2025 (08 weeks)	Rs. 15000/-
EMT	Basic Training in Electron Microscopy Techniques for Life Sciences	Dr Kalyan Mitra	3-11-2025 to 23-011-2025 (03 weeks)	Rs. 15000/-

NEWS CLIPPINGS

न्यूज़ क्लिपिंग

सीएसआईआर-सीरी जयपुर में 'एडवांस इंडस्ट्रियल IoT' प्रशिक्षण कार्यक्रम



जयपुर/पिलानी (मृदुल पत्रिका)। सीएसआईआर-सीरी, जयपुर कैम्पस में सीएसआईआर स्किल इंटीग्रेटेड फेज-III के अंतर्गत एडवांस इंडस्ट्रियल IoT पर एक माह का कौशल विकास प्रशिक्षण कार्यक्रम सफलतापूर्वक सम्पन्न हुआ। यह कार्यक्रम राजस्थान राज्य औद्योगिक विकास एवं निवेश निगम (RIICO) के सहयोग से आयोजित किया गया, जिसमें लगभग 20 प्रतिभागियों ने औद्योगिक उपकरणों और प्रयोगशालाओं में व्यावहारिक प्रशिक्षण प्राप्त किया। समापन समारोह में विश्वास जैन, प्रबंध निदेशक, सीईजी मुख्य अतिथि रहे, जबकि मयंक माथुर, मुख्य वैज्ञानिक, सीएसआईआर ने प्रतिभागियों का उत्साहवर्धन किया। निदेशक, डॉ. पी.सी. पंचारिया ने कहा कि उद्योग की प्रगति के लिए एम्बेडेड सिस्टम, IoT और आर्टिफिशियल इंटेलिजेंस का एकीकरण आवश्यक है और सीरी का उद्देश्य युवाओं को उद्योगोन्मुखी बनाना है। यह प्रशिक्षण डॉ. विजय चटर्जी के समन्वय में संस्थान के वैज्ञानिकों और विशेषज्ञों के मार्गदर्शन में सम्पन्न हुआ। अगले चरण में 29 सितम्बर से विशेष ऑन-गल्स बैठक आरम्भ होगा, जो नारी सशक्तिकरण और समावेशी कौशल विकास की दिशा में एक महत्वपूर्ण कदम है।

कौशल प्रशिक्षण से खाद्य उद्योग का मजबूत केंद्र बनेगा बिहार : दीपक आनन्द

कौशल विकास, निवेश व प्रशिक्षण को बढ़ावा के लिए बिहार फूड सेक्टर इंडस्ट्री मीट 2025



राष्ट्रीय सामर संवाददाता
पटना: बिहार के युवाओं को रोजगार और उद्योगों के नए अवसर उपलब्ध कराने के लिए राज्य सरकार खाद्य उद्योग में सतत और विमल कौशल विकास, निवेश, प्रशिक्षण और परिवर्तन को बढ़ावा देने के क्रम में श्रम संस्थापन विभाग के अंतर्गत बिहार कौशल विकास मिशन (बीएसडीएम) द्वारा पटना में युवाओं को बिहार फूड सेक्टर इंडस्ट्री मीट-2025 का आयोजन किया गया।
श्रम संस्थापन विभाग के सचिव-सह-बिहार कौशल विकास मिशन के मुख्य कार्यपालक पदाधिकारी दीपक आनन्द ने दीपक आनन्द के कार्यक्रम को प्रशिक्षण का शुभकामना दी। इस अवसर पर श्रम संस्थापन विभाग के विशेष सचिव अशोक कुमार, अमृतक-सह-बिहार कौशल विकास मिशन के अग्र मुख्य कार्यपालक पदाधिकारी राजेश भारती, चन्दनूट इंडस्ट्रियल ग्रो. (ई.) राणा सिंह, रक्षा मोहालय के प्रतिनिधि अमित कुमार और बिहार कौशल विकास मिशन के मिशन निदेशक मनीष शंकर मीरठूर थे।
विभागीय सचिव दीपक आनन्द ने इस अवसर पर कहा कि इस कार्यक्रम का उद्देश्य देशभर की प्रमुख खाद्य प्रसंस्करण उद्योगों को बिहार में आकर्षित करना है, ताकि राज्य के युवाओं को खाद्य प्रसंस्करण एवं सेक्टर-विशिष्ट क्षेत्रों में कौशल प्रशिक्षण देकर उन्हें रोजगार में जोड़ा जा सके। यह पहल मुख्यमंत्री नीतीश कुमार द्वारा एक करोड़ रोजगार सृजन के लक्ष्य की दिशा में एक बड़ी पहल है। इसका उद्देश्य बिहार के स्थानीय उत्पादों जैसे मछली की खेती और उनसे जुड़े उद्योग को बढ़ावा देना है। ताकि इनको राष्ट्रीय और अंतरराष्ट्रीय स्तर पर बेहतर बाजार उपलब्ध कराया जा सके। इस कार्यक्रम में कृषि, उद्योग, सहकारिता और पशुपालन विभाग के प्रतिनिधियों के साथ-साथ उद्योग जगत के विशेषज्ञ और समुदाय क्लियर भी शामिल हुए।
मुख्यमंत्री नीतीश कुमार के सलाह निदेश में से एक आर्थिक हस्त-युवाओं को बत के तहत संचालित कुशल युवा कार्यक्रम के लिए स्कूल नेट द्वारा तैयार किये गये नयी पाठ्यपुस्तिका का विमोचन और वेबसाइट भी लॉन्च किया गया। कार्यक्रम के दौरान बिहार कौशल विकास मिशन के मिशन निदेशक मनीष शंकर ने मुख्य उद्योगों के प्रतिनिधि सचिव और सज्ज के प्रतिनिधि सचिव के साथ समझौता पत्र (एमओयू) पर हस्ताक्षर भी किया।
बिहार फूड सेक्टर इंडस्ट्री मीट-2025 की सफलता पर प्रसन्नता व्यक्त करते हुए अमृतक-सह-बीएसडीएम के एसीईओ राजेश भारती ने कहा कि बिहार फूड सेक्टर इंडस्ट्री मीट 2025 राज्य में खाद्य प्रसंस्करण उद्योग और कौशल विकास के लिए एक ऐतिहासिक पहल साबित होगी। इस आयोजन के माध्यम से न केवल उद्योगों और सरकार के बीच सझेदारी मजबूत होगी, बल्कि युवाओं के लिए रोजगार और प्रशिक्षण के नए अवसर भी सृजित होंगे।

खाद्य प्रसंस्करण उद्योगों के विकास के लिए कौशल विकास कार्यक्रम



बिहार फूड सेक्टर इंडस्ट्री मीट-2025 का आयोजन किया गया। इस अवसर पर श्रम संस्थापन विभाग के सचिव-सह-बिहार कौशल विकास मिशन के मुख्य कार्यपालक पदाधिकारी दीपक आनन्द ने कार्यक्रम का शुभकामना दी।

जयपुर महानगर टाइम्स जयपुर, 20 सितंबर, 2025

'एडवांस इंडस्ट्रियल आईओटी' पर दिया स्किल डेवलपमेंट प्रशिक्षण



महानगर संवाददाता
जयपुर। सीएसआईआर-सीरी जयपुर कैम्पस में सीएसआईआर स्किल इंटीग्रेटेड फेज-तीन के अंतर्गत 'एडवांस इंडस्ट्रियल आईओटी' पर एक माह का विशेष कौशल विकास प्रशिक्षण कार्यक्रम सफलता पूर्वक संपन्न हुआ। यह प्रशिक्षण कार्यक्रम राजस्थान राज्य औद्योगिक विकास व निवेश निगम के सहयोग से आयोजित किया गया। समापन समारोह में विशिष्ट अतिथि के रूप में विश्वास जैन सीईजी प्रबंध निदेशक उपस्थित रहे। इस अवसर पर सीएसआईआर के मुख्य वैज्ञानिक मयंक माथुर भी उपस्थित रहे और प्रतिभागियों का उत्साहवर्धन किया। इस प्रशिक्षण में राजस्थान के विभिन्न संगठनों से आए लगभग बीस छात्र-छात्राओं ने भाग लिया। पूरे प्रशिक्षण को व्यावहारिक दृष्टि से तैयार किया गया था और इसकी सबसे बड़ी विशेषता यह रही कि लगभग 90 प्रतिशत समय प्रतिभागियों ने प्रयोगशालाओं और वास्तविक

Valedictory Function of Skill Development Training Program on 'Advanced Industrial IoT' at CSIR-CEERI, Jaipur Campus

Jaipur, 19 September 2025: The CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI), Jaipur Campus, successfully concluded a one-month specialized Skill Development Training Program on 'Advanced Industrial IoT' under the CSIR Skill Integrated Phase-III initiative. The program was organized in collaboration with Rajasthan State Industrial Development and Investment Corporation (RIICO). The valedictory function was graced by Shri. Vishwas Jain, Managing Director, CEG, as the Chief Guest. Shri. Mayank Mathur, Chief Scientist, CSIR HQs, was also present on the occasion and encouraged the participants. Around 20 participants from various organizations across Rajasthan took part in this program. Designed with a strong industry-oriented approach, the training emphasized hands-on learning, with 90% of the sessions conducted in laboratories and on real industrial equipment. Participants were exposed not only to classroom instruction but also to practical operation of machines, system-level understanding, and real-world technological applications. The curriculum covered diverse and cutting-edge domains, including Embedded Systems, Artificial Intelligence applications, Internet of Things (IoT), Programmable Logic Controllers (PLC), Surface Mount Technology (SMT) machine operation, analytical instrumentation, and Android development. In his valedictory address, Dr. P. C. Panchariya, Director, CSIR-CEERI, highlighted the growing importance of integration between Embedded Systems, IoT, and Artificial Intelligence in the modern industrial ecosystem. He stated: "Our aim is not only to introduce young minds to advanced technologies but also to empower them to innovate, develop, and integrate these technologies with industry needs. Real progress can only be achieved when skill development is seamlessly linked with research and industrial applications. This program is a step forward in that direction." The program was coordinated by Dr. Vijay Chatterjee, Principal Scientist, CSIR-CEERI, and executed under the expert guidance of senior scientists and technical professionals including Mr. Sai K. Vaddadi, Mr. Navjot Kumar, Dr. Sachin Dewassy, Ms. Nisha Singh Gurjar, Mr. Pankaj Kumar, and Mr. Gyan Singh Meena. During the ceremony, it was also noted that CSIR-CEERI, established in 1953, is celebrating its 72nd Foundation Day on 21 September 2025. On this occasion, the Institute has invited representatives from industries, MSMEs, and startups to visit both its Pilani Headquarters and Jaipur Campus.

सीएसआईआर-सीरी, जयपुर कैम्पस में 'एडवांस इंडस्ट्रियल IoT' पर स्किल डेवलपमेंट प्रशिक्षण कार्यक्रम का समापन

प्रधान अधिपन्न न्यूज
जयपुर, 19 सितम्बर (का.सं.)। सीएसआईआर-सीरी, जयपुर कैम्पस में सीएसआईआर स्किल इंटीग्रेटेड फेज-III के अंतर्गत एडवांस इंडस्ट्रियल IoT पर एक माह का विशेष कौशल विकास प्रशिक्षण कार्यक्रम आन सफलतापूर्वक संपन्न हुआ। यह प्रशिक्षण कार्यक्रम राजस्थान राज्य औद्योगिक विकास एवं निवेश निगम (RIICO) के सहयोग से आयोजित किया गया। समापन समारोह में विशिष्ट अतिथि के रूप में श्री विश्वास जैन, प्रबंध निदेशक, CEG मुख्य अतिथि रहे। इस अवसर पर श्री मयंक माथुर मुख्य वैज्ञानिक, वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद (सीएसआईआर) भी उपस्थित रहे और प्रतिभागियों का उत्साहवर्धन किया। इस प्रशिक्षण में राजस्थान के विभिन्न संगठनों से आए लगभग बीस छात्र-छात्राओं ने भाग लिया। पूरे प्रशिक्षण को व्यावहारिक दृष्टि से तैयार किया गया था और इसकी सबसे बड़ी विशेषता यह रही कि लगभग 90 प्रतिशत समय प्रतिभागियों ने प्रयोगशालाओं और वास्तविक औद्योगिक उपकरणों के साथ काम करते हुए सीखा। यह प्रशिक्षण केवल कक्षा तक सीमित नहीं रहा बल्कि इसमें उपकरणों के संचालन, प्रणालियों की समझ और तकनीक के वास्तविक अनुप्रयोग पर विशेष ध्यान दिया गया। प्रतिभागियों को इस अवधि के दौरान एम्बेडेड सिस्टम, आर्टिफिशियल इंटेलिजेंस के अनुप्रयोग, इंटरनेट ऑफ थिंग्स (IoT), प्रोग्रामेबल लॉजिक कंट्रोल (PLC), एएमटी (Sur-

उन्हें उद्योग से जोड़कर भारत की वैश्व प्रतिस्पर्धा को नई ऊँचाइयों तक ले जाएं। जब तक हम कौशल विकास को रोजगार और उद्योग के साथ नहीं जोड़ते, तब तक वास्तविक प्रगति संभव नहीं होगी। सीएसआईआर-सीरी का यह प्रयास उठी दिशा में एक ठोस कदम है। यह प्रशिक्षण कार्यक्रम डॉ. विजय चटर्जी, प्रिंसिपल साइंटिस्ट, सीएसआईआर-सीरी द्वारा संचालित किया गया। प्रशिक्षण का संचालन संस्थान के अनुभवी वैज्ञानिकों और तकनीकी विशेषज्ञों - श्री साई के. वड्ढादी, श्री नवजोत कुमार, डॉ. सचिन देवासी, सुशी निशु सिंह गुर्जर, श्री मयंक कुमार और श्री ज्ञान सिंह मीना - के मार्गदर्शन में संपन्न हुआ। समारोह के दौरान यह भी उल्लेख किया गया कि सीएसआईआर-सीरी, जिसकी स्थापना वर्ष 1953 में हुई थी, 21 सितम्बर 2025 को अपनी स्थापना की 72वीं वर्षगांठ मना रहा है।

GENERAL EVENTS

सामान्य आयोजन

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- [Beneficiaries of Yuva Nidhi scheme not joining skill development training: Karnataka Minister](#)
- [Kalyan Banerjee asks a Supplementary Question on skill development of women](#)
- [PM Shri Bambooflat Organizes Hands-On Vocational Tour, Promoting NEP 2020 Skill Development Among Students](#)
- [NEHU-DDUCC empowers Jaintia Hills farmers with advanced horticultural skills](#)
- [UP Skill Development Mission Maps District Industries to Boost Jobs & Youth Employment, Sector Mapping Across Eastern & Central UP](#)
- [Ministry to police on NSDC officials: 'Might run away with Govt money'](#)
- [Skill Development Directorate opens applications for instructor pool under CMKPS scheme](#)
- [SEEDS expands education, skill development initiatives](#)
- [Rural Uthaan Mission, others launch skill training for J&K youth](#)
- [AKNU inks pact with Nandi Foundation](#)
- [Creating Future-Ready Workforces: Skilling and Entrepreneurship Programs Opening New Doors ON 10.2025](#)
- [Manipur: DC Bishnupur Flags Off Candidates For Skill Development Programme In Delhi](#)
- [Skill development is key to making India self-reliant, says Nitin Gadkari at FUEL convocation](#)
- [First-ever 'Bengaluru Skill Summit' to be held from November 4](#)
- [Skill mission expands roots in rural Prayagraj | Hindustan Times](#)
- [Assam govt promoting skill development in Bodoland: CM Sarma](#)
- [Mahindra Tractors and Maharashtra Govt. partner to Launch Skill Development Centre in Gadchiroli](#)
- [Delhi NCR News: कानून के छात्र ध्यान से कौशल विकास का सीख रहे गुरु](#)
- [Seraikela Kharsawan News : आधुनिक तकनीक से सशक्त होंगे किसान, खुलेगी विकास की राह : अर्जुन](#)
- [यमुना प्राधिकरण क्षेत्र में बनेगा कौशल विकास केंद्र, युवाओं को मिलेगा रोजगार का अवसर](#)
- [कौशल विकास के माध्यम से युवाओं और महिलाओं को सशक्त बनाने के लिए उत्कृष्टता केंद्र का उद्घाटन](#)
- [शिक्षा, कौशल विकास और एआई पर जनता दे रही सुझाव, अबतक करीब डेढ़ लाख फीडबैक दर्ज](#)
- [युवाओं के लिए कौशल विकास और रोजगार सृजन बनेगा योजना का मुख्य लक्ष्य: मुख्यमंत्री](#)
- [आंध्र प्रदेश के युवाओं को हुनरमंद बनाने को राज्य कौशल विकास निगम, विजन इंडिया के बीच समझौता](#)
- [कौशल विकास के साथ नेशनल ओलंपियाड की तैयारी के लिए गेट टिप्स](#)
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- [अदाणी पावर लिमिटेड की पहल से युवाओं का होगा कौशल विकास, ITI के साथ मिलकर देंगे आत्मनिर्भर बनने की ट्रेनिंग](#)
- [Web development training goes free: Check these online courses by Microsoft, IBM, SWAYAM, and more](#)
- [Infrastructure alone not enough, quality and skill development keys to global competitiveness: FM](#)
- [Udupi urged to excel in skill-based employment; students encouraged for world skills; tech training promo](#)
- [विज्ञान/प्रौद्योगिकी: भारतीय टेक इंडस्ट्री अमेरिका में स्थानीय कौशल विकास और भर्ती को देगी बढ़ावा नैसकॉम | Indian tech industry to enhance local skilling, hiring in US: Nasscom](#)
- [यूपी इंटरनेशनल ट्रेड शो में दिखेगा यूपी का कौशल, यूपीएसडीएम की ओर से लगाई जाएगी प्रदर्शनी](#)
- [Astana Hosts International Conference on Youth Employment and Skills Development](#)

GLIMPSES झलकियां



CSIR-CECRI



CSIR-IMMT



CSIR-NEERI



CSIR-CMERI



CSIR-IICB



CSIR-NIIST



CSIR-NGRI



CSIR-IITR



CSIR-CEERI



CSIR-CCMB

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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>



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