

CSIR SKILL BULLETIN

(A FORTNIGHTLY E-PUBLICATION)

सीएसआईआर कौशल पत्रक

(पाक्षिक ई-प्रकाशन)



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HIGHLIGHTS

- No. of SDP Conducted: 19
- No. of Participants Trained: 404
- No. of Upcoming Trainings: 18
- Skill Area Focus: 19
- Annual Skill Training Calendar : 3



CSIR-IHBT



CSIR-NIIST



CSIR-IITR



CSIR-CIMFR



CSIR-IIP



CSIR-IMMT

IMAGES: Skill Development Training Programs at different CSIR Labs

CSIR - Human Resource Development Centre, Ghaziabad
 (Skill Nodal Office)

सीएसआईआर - मानव संसाधन विकास केंद्र, गाजियाबाद
 (कौशल नोडल कार्यालय)



CSIR-IHBT, Palampur conducted a skill development training programme on **“Basics of High-Performance Liquid Chromatography (HPLC) Analysis”** under CSIR-Integrated Skill Initiative (Phase III) during the period **2nd - 17th June, 2026**. **11** participants from Uttarakhand, Haryana and Himachal Pradesh successfully completed this NSQF-aligned skill training course. The program covered sample preparation for HPLC, Machine handling, Method development for qualitative and quantitative estimation of sample. The training enhanced their technical skills. The program concluded with the distribution of certificates to all participants by Dr. Sudesh Kumar Yadav, Director of CSIR-IHBT, Palampur.

CSIR-IHBT, Palampur inaugurated a 60-day skill development training programme on **“Plant Tissue Culture Technician”** from **18th June - 16th August, 2026** under the CSIR-Integrated Skill Initiative (Phase III). **18** participants from Punjab, Chandigarh, Jammu & Kashmir, Jharkhand, Uttar Pradesh, and Himachal Pradesh are participating in this training program. The program provides hands-on training in modern plant tissue culture techniques, with a special focus on the micropropagation of economically important plant species. Participants interacted with Dr. Sudesh Kumar Yadav, Director, CSIR-IHBT wherein he shared valuable insights on scientific research, innovation, skill development, and career opportunities in biotechnology. He also encouraged trainees to explore entrepreneurship opportunities and the importance of skilled manpower in enhancing employability and professional growth.



CSIR-IHBT, Palampur conducted a NSQF-aligned skill training on **“Bioinformatics Associate/Analyst Skill” (LSSSDC) Training** from **1st April - 20th June, 2026** under the CSIR-Integrated Skill Initiative (Phase III). **3** participants were trained in this program. The training provided hands-on exposure to bioinformatics tools, databases, and computational techniques, including genomics, proteomics, transcriptomics, sequence analysis, NGS data analysis, and basic programming in Python, R, SQL, and Linux. Participants also gained exposure into insights in big data interpretation using AI and machine learning algorithm.

CSIR-IIP, Dehradun, successfully conducted a five-day Skill Development Training Program on **“Testing of Petroleum Products”** from **15th - 19th June, 2026**, under the aegis of the CSIR-IIP Integrated Skill Initiative. The comprehensive program was attended by **09** participants and featured extensive hands-on practical sessions covering critical petroleum test methods. These included evaluations of Density, API gravity, Kinematic Viscosity, Pour Point, Sulphur and Nitrogen content, Flash Point, Gum Content, and Copper Strip Corrosion, alongside data analysis and the accurate reporting of test results. The program concluded on a high note with Director CSIR-IIP distributing participation certificates to the candidates, who shared overwhelmingly positive feedback regarding their learning experience.





CSIR-IHBT, Palampur conducted a NSQF-aligned skill training on “**Design and Construct Vertical Garden**” during **15th - 19th June, 2026** under the CSIR-Integrated Skill Initiative (Phase III). 5 participants from Telangana, Haryana, Delhi and H.P. successfully completed this training program. The course provided basic theoretical knowledge and hands-on training on vertical garden design, plant selection, installation techniques, irrigation systems, and maintenance practices. The program concluded with the distribution of certificates to all participants by Dr. Sudesh Kumar Yadav, Director of CSIR-IHBT, Palampur.

CSIR-NIO, Goa organized a 2-day skill training program titled “**Hands-on Training on FTIR Spectroscopy**” from **11th - 12th June, 2026** at the Skill Development Centre in view of the CSIR Integrated Skill Initiative Phase-III. The program was designed to provide participants with comprehensive theoretical knowledge and practical exposure to Fourier Transform Infrared (FTIR) Spectroscopy, a widely used analytical technique for material characterization and functional group identification. The training attracted **21** students and researchers from academic institutions across India, reflecting its national outreach and the growing demand for advanced analytical skill development. Participants actively engaged in expert lectures, instrument demonstrations, hands-on practical sessions, and FTIR spectral interpretation, thereby strengthening their technical competency in FTIR analysis for research and industrial applications.



CSIR-IITR, Lucknow conducted a two-day workshop on “**SDS-PAGE and Western Blotting**” from **18th - 19th June, 2026** under the Skill Development Program. The course coordinators for the workshop were Dr. Ravi Ram Kristipati, Scientist G and Ms. Amrapali, CSIR-SRF. Participants from different Universities attended the workshop, representing a range of academic levels from post-graduate students to PhD Scholars and faculty. A total of **25** participants attended the workshop. The inaugural session was addressed by Dr Ravi Ram Kristipati (Nodal Scientist, Skill Development Program) and Ms. Amrapali. The program covered both theoretical and practical aspects of protein analysis. Participants received hands-on training in gel casting, sample preparation, electrophoresis, protein transfer, staining, blot processing, and documentation.

CSIR-NCL, Pune successfully conducted a two-week Skill Development Program on “**Quality Control Chemist**” from **08th - 19th June, 2026** under the CSIR-Skill Development Initiative. A total of **16** post-graduate and research students from diverse scientific backgrounds participated in this intensive, hands-on training program. The program was effectively coordinated by Dr. Rajesh Gonnade & their team, with valuable support from the technical and administrative teams, ensuring smooth execution of all training activities. The program offered a balanced blend of theoretical knowledge and practical laboratory training, covering many key modules like Basics of chemistry and laboratory safety guidelines, Chromatographic techniques :HPLC, GC, GC-MS, and LC-MS, USFDA protocols, method development, validation, and troubleshooting.



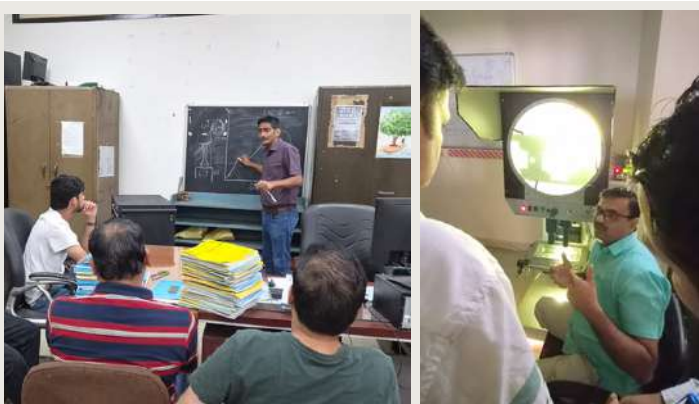
CSIR - Human Resource Development Centre, Ghaziabad
(Skill Nodal Office)

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(कौशल नोडल कार्यालय)



CSIR-CIMFR, Dhanbad conducted a three-day skill development program on **"Hands-on Training on Solar PV System Design Using Software"** from 23rd - 25th June, 2026, under the CSIR-Integrated Skill Initiative Phase III (2026-27). The training program was conducted by the Human Resource Development, Skill Development and Curiosity Section in collaboration with the Wire Rope and Electrical Engineering Section. A total of 24 participants from backgrounds in Electronics and Communication Engineering, Electrical Engineering, Computer Science and Engineering, Mechanical Engineering, and Information Technology took part in the program. While inaugurating the event, Prof. Arvind Kumar Mishra, Director of CSIR-CIMFR, highlighted the growing importance of renewable energy, especially solar energy. He stated that continuous innovations in Material Science are steadily improving the efficiency of solar cells. He encouraged participants to strengthen their fundamental knowledge, gain practical experience, and work towards research, innovation, and entrepreneurship.

CSIR-IICB, Kolkata conducted a Skill Development program on **"High-end R&D lab techniques"** from 8th - 19th June, 2026 under CSIR integrated Skill initiative Phase III at CSIR-IICB. Total 95 candidates received hands-on training in 12 parallel programs. These courses empower Chemical and Biological Science graduates and Post graduates with industry relevant skills, enhancing their employability in different sectors such as Bioinformatics, Biopharmaceutics, Biotechnology, Molecular Biology, Chemistry & Plant Tissue Culture. By bridging the skill gap, CSIR-IICB's SDP fosters a highly skilled workforce, driving innovation and growth in scientific sector of India.



CSIR-CSIO, Chandigarh successfully conducted a two-day workshop on **"Principles of Mechanical Measurement Techniques"** from 24th - 25th June, 2026 under CSIR Integrated Skill Initiative. The workshop introduced 9 participants to the basic terminology of mechanical measurements, including concepts such as accuracy, precision, calibration, resolution and measurement errors. Participants also gained hands-on exposure to instruments and machines such as the Vernier Caliper, Profile Projector, Universal Testing Machine (UTM), Micro Hardness Tester and other precision measuring equipment. The workshop enhanced their understanding of measurement principles and their practical applications in engineering field.

CSIR-NML, Jamshedpur successfully conducted a 5-day Skill Development Training Programme on **"Basics of Green Hydrogen Electrolysis Process"** from 15th - 19th June, 2026 under CSIR Integrated Skill Initiative. A total of 6 students participated in the programme, comprising 67% female and 33% male participants. Based on the feedback received, 97% of the participants expressed overall satisfaction with the training. Among the participants, 50% were from rural areas and 50% were from urban areas. Additionally, 67% of the participants belonged to reserved categories.





CSIR-NML, Jamshedpur successfully conducted a 4-day Skill Development Training Programme on "Ultrasonic and Electromagnetic NDE" from 22nd - 25th June, 2026 under CSIR Integrated Skill Initiative. A total of 16 students participated in the programme, with 100% male participants and no female participants. Based on the feedback received, 97% of the participants expressed overall satisfaction with the training programme. Among the participants, 88% were from rural areas, while 12% were from urban areas. Additionally, 65% of the participants belonged to reserved categories.

CSIR-IMMT, Bhubaneswar successfully concluded the five-day CSIR Skill Development Program on "Degradation of Engineering Materials: Fundamentals, Testing and Prevention" from 22nd - 27th June, 2026 at CSIR-IMMT, Bhubaneswar. Coordinated by Dr. Sourav Ganguly, Scientist-D, CSIR-IMMT, the program witnessed enthusiastic participation from 50+ participants representing academia, research organizations, and industry. The curriculum covered corrosion fundamentals, testing & analysis, corrosion of engineering materials, industrial corrosion, advanced characterization techniques, protective coatings, and corrosion prevention, along with hands-on laboratory demonstrations and interactive sessions.



CSIR-NIIST, Thiruvananthapuram organised a five-day Skill Development Training Programme in "Hands-on Training Programme on Advanced Drying Technologies" from 15th -19th June, 2026. This programme provided participants with practical exposure to advanced drying techniques and machinery used in agro-food sectors. A total of 16 participants benefited from the training programme, which was inaugurated by C. Anandharamkrishnan, Director, CSIR-NIIST. The 5-day skill development programme provided participants with valuable insights into advanced drying technologies, modern machinery facilities, and interdisciplinary research applications in the fields of food, biotechnology and agriculture. Overall, the programme provided an excellent platform for skill enhancement, hands-on training, and exposure to advanced technologies related to modern drying machinery.



CSIR-IHBT, Palampur conducted a NSQF-aligned skill training on "Beekeeper" (Course Code: AGR/Q5301; NSQF Level 3; 270 hours; 19th May to 30th June, 2026 by 05 participants, under the CSIR-Integrated Skill Initiative (Phase III) at CSIR-IHBT, Palampur (H.P.). The programme imparted hands-on training in scientific beekeeping practices, harvesting, processing and marketing of honey and other bee products. Participants were also exposed to different private and Government apiaries to gain practical exposure to apicultural practices aimed at enhancing entrepreneurship and livelihood opportunities. The training also helped participants understand the importance of bee management, colony maintenance, and quality production practices. The programme aimed to develop basic technical skills and encourage self-employment opportunities in the beekeeping sector.





CSIR-NIIST, Thiruvananthapuram organized a three-day Skill Development Training Programme on **“Mechanical Testing and Thermal Characterization”** from 22nd - 24th June, 2026. The programme provided participants with practical exposure to state of the art characterization techniques used in Metallurgical research. A total of **12** participants got benefited from the training programme, which was inaugurated by C. Anandharamakrishnan, Director, CSIR-NIIST. The programme covered the fundamentals and practical applications of Universal Testing Machine (UTM), followed by demonstration sessions that enhanced the participants’ understanding standard laboratory operating practices for the operation of UTM. The Programme provided participants with valuable exposure to advanced mechanical and thermal characterization techniques and its research applications in the field of metallurgy and material science. The programme concluded with informative sessions on training to analyze the mechanical and thermal plots and to evaluate properties such as yield strength, tensile strength, % elongation and thermal conductivity from stress-strain plots using Origin software, highlighting the significance of advanced analytical tools in contemporary scientific research.

CSIR-NIIST, Thiruvananthapuram organized a 10-day Skill Development Program on **“Microscopic and Diffraction Techniques for Materials Characterization”** from 08th - 17th June, 2026 under the CSIR Integrated Skill Initiative. The program featured expert lectures and hands-on training on advanced characterization techniques, including AFM, SEM, TEM, Hot-Stage Microscopy, SCXRD, and PXRD. **10** participants from across India gained practical experience with state-of-the-art instrumentation and visited the Institute's 2G Ethanol Pilot Plant, AFPTD pilot-scale facilities, and DSSC Laboratory to understand CSIR-NIIST's translational research and technology development.



CSIR-CECRI, Karaikudi, inaugurated a one-week Skill Development Training Programme on **“Corrosion Science and Mitigation Techniques: A Practical Training Program”** at the CSIR-CECRI Mandapam Unit, Rameswaram, Tamil Nadu from 29th June - 03rd July, 2026. A total of **53** participants are attending the training programme. In this skill development course, the following topics are being covered: Metallurgical aspects of Corrosion, Corrosion Science Fundamentals, Electrochemical Testing, Corrosion and Corrosion Inhibitor for Protection of Steel Rebar in Reinforced Concrete, Corrosion Inhibitors for Oil and Gas Industries, Corrosion in the Oil and Gas Industry: Challenges and Mitigation Strategies, Protective Coatings: Fundamentals, Protective Coatings: Formulations and Applications, Protective Coatings: Testing and Evaluation,, Cathodic Protection, Weldment Corrosion, Basics of Steel Corrosion, Microbiologically Influenced Corrosion (MIC) and Micro Bio-Fouling, Modelling and Simulation for Corrosion Sciences, Physics-Informed AI for Corrosion Prediction and Electrochemical Interface Analysis; Laboratory Practices - Salinity, Paint fabrication, Paint Testing, Welding Material, Experiments carried out at the Testing Yard at Mandapam.




CSIR-NCL, Pune inaugurates Revamped State-of-the-Art Skill Development Centre

CSIR-NCL, Pune, officially inaugurated its newly renovated, state-of-the-art Skill Development Centre on 30th June, 2026. The advanced facility was inaugurated by Dr Ashish Lele, Director of CSIR-NCL, alongside Chief Guest Dr Vinay Kumar, Nodal Scientist for the CSIR Integrated Skill Initiative (CSIR-HRDC, Ghaziabad), and representatives from the Envalior Team, who sponsored the modernization project through their Corporate Social Responsibility (CSR) initiative. Other key dignitaries present on the occasion included Dr Rajesh Gonnade, NCL Skill Nodal Officer, and Mrs Kanika Goel, Controller of Administration (COA), CSIR-NCL. The vision of CSIR-NCL through its Skill Development Program, under the CSIR's Integrated Skill Initiative (CSIR ISI) is to provide world-class high-end skilling in the national skill ecosystem with an aim to create a high quality skilled workforce relevant to the current and emerging industry need in the core competency area of the laboratory.









CSIR-CCMB

Skill Development Program
On
"Environmental DNA (eDNA) and its applications"(eDNA-II)
31st August to 03rd September 2026



The CSIR-Centre for Cellular and Molecular Biology is conducting a hands-on training on **"Environmental DNA (eDNA) and its applications" (eDNA-II)** 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 cover the basics of eDNA 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.

No. of seats	: 10-15
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.18,000/- (including accommodation & GST)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum: (lectures and hands-on sessions)

- eDNA basics and study design
- Field sampling techniques
- eDNA isolation and laboratory techniques
- Species detection using qPCR
- eDNA meta-barcoding and bioinformatics

Salient Features of the Training:



- Expert instructors will provide lectures and hands on training
- One-to-one interaction with the trainers
- Exposure to laboratory safety regulations
- Evaluation assignments and trouble-shooting sessions
- Certificate of training will be issued to the participants

Training Coordinator: Dr. G. Umapathy
Scientist-G
LaCONES,
CSIR-CCMB, Hyderabad.

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



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CSIR-CCMB

Skill Development Program
On
"Advanced Biophysical Tools for Protein-DNA/Bimolecular Interactions"
16th – 20th November 2026

The CSIR-Center for Cellular and Molecular Biology is conducting a hands-on training on **"Advanced Biophysical Tools for Protein-DNA/Bimolecular Interactions" (BIOPHY-III)** 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 caters to individuals with varying levels of expertise, offering education and training in a range of biophysical techniques within the domain of DNA/Protein Biophysics and demonstrating their applications in research projects. The program includes informative lectures, practical hands-on sessions, guidance on instrument setup, and in-depth instructions on data collection and analysis.

No. of seats	: 10-12
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 16 th – 20 th November 2026
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (includes GST & Accommodation)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

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


- Basics of Biophysics
- Instrument set-up for various biophysical techniques such as ITC, MST, BLI, Fluorescence Spectroscopy, CD Spectroscopy, DLS along with Protein Modeling
- Sample preparation along with tips and tricks
- Data collection and hands on for all participants
- Data analyses and presentation

Salient Features of the Training:

- Expert instructors will provide lectures and hands on 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

Course Coordinator: Dr. Shiv Pratap Singh Yadav
Scientist- C, Biophysics
CSIR-CCMB, Hyderabad

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



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Skill Development Program
On
"Genetic & Microbial Monitoring of Animals" (GMMA-IV)
05th - 13th October 2026



The CSIR-Centre for Cellular and Molecular Biology is organizing a hands-on training on **"Genetic & Microbial Monitoring of Laboratory Animals"(GMMA-IV)** targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. It is intended to train people in monitoring and maintaining lab animals used for various experiments. The training would involve hands-on experiments and lectures on tissue collection, DNA isolation, genotyping, biochemical analyzers, microbial contamination detection and prevention.

No. of seats	: 10-15
Minimum Qualification	: 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
Course Fee	: Rs.18,000/- (including accommodation & GST)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum: (lectures and hands-on sessions)

- Quality control, both genetic & microbial to maintain genetically homozygous & germ free animals
- Immuno-genetic, biochemical and PCR based testing methods
- Disease screening of lab animals, sample collection & processing techniques for molecular & microbiological monitoring
- Things to sort out during standardization & Exposure to laboratory safety regulations

Hands-on:

- Genomic DNA isolation from tail samples and genotyping by standard PCR with gene specific and SSLP markers
- Biochemical markers (Hb, ALP, Albumin, SGPT, etc.) to assess the genotype or genetic contamination
- Tissue collection, DNA & RNA isolation, Complimentary DNA synthesis for DNA & RNA viruses
- Identification of infective agents by PCR, RT-PCR and Real time PCR (qPCR)
- Preparation and observation of agar plates for microbial cultures from different platforms
- Microbial identification by different staining procedure, biochemical test and ARST
- DNA isolation from individual bacterial colonies and identification of bacteria by PCR
- Hematology by hematology analyzer and immunological testing of pathogen by ELISA
- Fecal examination for endo-parasites and skin scrapping for ecto-parasites

Items:

- Primer sequence selection, primer design and synthesis
- Basic PCR programming, uses of real time(qPCR) and reverse transcriptase (RT PCR) types
- Buffers and Master mix preparation for DNA, RNA isolations and PCR
- Skin and hair scrapping to identify the presence of ecto-parasites
- Basic histo-pathological techniques involved in health monitoring program

Salient Features of the Training:

- Expert instructors will provide lectures and hands on training
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Course Coordinator: Dr. Jerald Mallesh Kumar
Scientist-G & In-charge
Animal House, CSIR-CCMB,
Hyderabad.

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



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Skill Development Program
On
"Rice Re-Imagined: Hands on Genome Editing Masterclass"
06th – 10th July 2026

CSIR-Centre for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on **"Rice Re-Imagined: Hands on Genome Editing Masterclass" (RICE-1)** targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences & allied areas. This training is intended to train about the basic techniques of genome editing tool and tissue culture for research in various experiments and supplemented with informative lectures, hands-on training, instrument set-up and data analysis.

No. of seats	: 15-20
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 6 th – 10 th July 2026
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (including GST & Accommodation)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/
Course Code	: RICE-1

Training Curriculum for Course:

- Foundation and theory of genome editing
- Bioinformatic tools for genome editing
- CRISPR, Cas Mechanism
- Cloning of CRISPR constructs
- Plant transformation methods
- Rice tissue culture
- Molecular analysis and screening of edited lines
- Regulatory, ethical and social aspects

Salient Features of the Training:

- Go Beyond Theory: Move from CRISPR-Cas9 mechanics directly into the wet lab to clone constructs and sequence your results.
- Precision Design: Master professional bioinformatics tools like SnapGene and CHOPCHOP to engineer high-specificity gRNAs.
- Rice Transformation Mastery: Gain rare, hands-on experience in *Agrobacterium*-mediated transformation and rice callus regeneration.
- Design-Your-Target: Design your own target gene and build a complete editing strategy from scratch.
- Expert Molecular Analysis: Learn to decode mutation profiles and interpret deep sequencing data.
- Regulatory & Ethics Insight: Navigate the complex landscape of Indian biosafety regulations, IP issues, and trait improvement.
- Certified Networking: Earn your certificate and build lasting collaborations with peers and mentors from leading institutions.

Training Coordinator: Dr. Harendra Kumar Patel
Scientist-F
Crop Improvement Lab
CSIR-CCMB, Hyderabad.

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




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CSIR - Institute of Himalayan Bioresource Technology, Palampur
 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)
 Applications are invited for the Course of
Bamboo Work Artisan

Course Code: HCS/Q8702, NSQF Level-3

A Bamboo Work Artisan is a craftsperson skilled in shaping, cutting, and weaving bamboo to create functional and decorative items.



Course Includes:

- Introduction to Bamboo products in India
- Entrepreneurship skills for Bamboo work artisan
- Working in a Team
- Maintaining workplace health and safety
- Maintain Personal Cleanliness
- Carry out preparation of bamboo slivers
- Carry out weaving & twining of bamboo slivers to achieve the final product as per requirement
- Carry out finishing, varnishing, drying & storage of bamboo basket
- Carry out the process of Ringal Basketry
- Contribute to achieve quality bamboo basket making

Course Start Date: 05th August, 2026

Last date of receiving application: 15.07.2026
 Course fee : Rs. 1000-20
 No. of Seats : 20
 Education Qualification : 10th Grade Pass OR
 8th grade pass with 1-year relevant experience OR
 5th Grade Pass with 2.5 years relevant experience OR
 Ability to read and write with 5 years relevant experience OR
 Previous relevant Qualification of NSQF Level 2.5 with 1.5-year relevant experience

Course-coordinator
 Dr. Rohit Joshi

Nodal Skill Development Programme
 Dr. Gireesh Nadda

For more details about Institute, kindly scan the QR code

Evaluation: Handicrafts and Carpet Sector Skill Council(HCSSC), a unit of National Skill Development Corporation(NSDC), Govt. of India

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

Course Duration: 390 Hours (70 Days Approx.)

Contact us:
 Phone:+91-1894-233339 (Ext.) 371; 346
 Fax:+91-1894-230433
 Email: skill_iibt@csir.res.in
 Website: www.iibt.res.in

nist CSIR - NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (NIIST)
 Industrial Estate, Pappanamcode, Thiruvananthapuram

SKILL DEVELOPMENT PROGRAM ON
Hands-on Training on Phytochemical Analysis and Chromatographic Techniques

This training programme offers hands-on exposure to phytochemical analysis and modern chromatographic techniques. Participants will learn sample preparation, extraction, phytochemical screening, and instrumental analysis using TLC, HPTLC, HPLC, and GC/GC-MS techniques.

Objectives:

- Practical exposure to phytochemical analysis
- Familiarization with chromatographic instruments
- Improved analytical and research skills

Topics Covered

- Introduction to phytochemicals
- Extraction techniques
- Qualitative and quantitative screening
- TLC and HPTLC
- HPLC
- GC / GC-MS
- Chromatogram interpretation
- Applications in food, nutraceutical and herbal sectors

TLC Thin Layer Chromatography

HPTLC High Performance Thin Layer Chromatography

HPLC High Performance Liquid Chromatography

GC Gas Chromatography

GC-MS Gas Chromatography - Mass Spectrometry

Sample Preparation Extraction and Screening

Why Join?

- Hands-on practical training
- Exposure to modern instruments
- Industry-relevant learning

Benefits

Useful for careers in pharmaceuticals, nutraceuticals, food technology, herbal products, biotechnology and research laboratories.

Course Details

Dates: 7-10 July 2026
 Fee: Rs. 4,000 + GST
 Seats: 10 participants
 Mode: Offline

Course Coordinator
 Dr. Tripti Mishra
 Email: triptimishra.nist@csir.res.in
 Mob No.: 7994942888

Account Details

The Director, CSIR-NIIST
 A/C No: 67047723825
 IFSC: SBIN0070030
 Bank: State Bank of India (SBI)
 Address: Pappanamcode, Industrial Estate

Open to: Students, Researchers, Academicians & Industry Professionals

Apply Online : <http://sdp.niist.res.in>

CSIR-CCMB Skill Development Program On **"Wildlife DNA Forensics" (WF-16)**
 07th - 12th September 2026

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

Eligibility:

- 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, other enforcement departments, academic institutions, university or a research laboratory
- Students:** B.Sc. degree holders and above

No. of seats : 12-14
Target Audience : Bachelors/Masters in any branch of Life Science/Allied areas
Mode of the Course : In-house training at CSIR-CCMB, Hyderabad
Mode of selection : Application form & Statement of Purpose
Fee Particulars : Rs. 18,000/- (including accommodation & GST)
Course Code : WF-16
Apply using the link : http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum:

- Introduction to DNA, DNA technology and its applications in wildlife forensics
- Status of Wildlife crime in India
- Case Studies from Wildlife DNA Forensics Lab, CSIR-CCMB
- Genetic Sampling Techniques, Proper 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
- Selection of DNA Markers, Primer Designing
- Provide knowledge about the "Universal Primers" technology for Species Identification developed by CSIR-CCMB.
- PCR amplification of the DNA isolated from various types of biological samples
- Sequencing and Data analysis of PCR products for Species Identification
- Understanding the use of Microsatellite markers and Sex specific markers for individual identification, relatedness and sexing
- PCR amplification using single/multiplex markers
- Genotyping and scoring of alleles: DNA profiling
- Data analysis for individual identification, relatedness, and sexing
- Troubleshooting
- Report Preparation

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

Course Coordinator:
 Dr. Ajay Gaur
 In-Charge - Wildlife Forensics
 CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

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

Scan to Apply

CSIR-CCMB Skill Development Program On **"Molecular Cloning and Protein Expression"**
 15th September to 01st October 2026

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for sixteen days on "Molecular Cloning and Protein Expression" (RECOMB-VI) targeted to faculty/researchers, Post graduates from Universities/Institutes as well as people working in the industry in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This introductory workshop is intended for beginners to teach and train them about the basics of Molecular Cloning and Protein Expression in basic research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

Duration : 15 days
No. of seats : 10-12
Target Audience : Faculty/ Researcher from Academia/Industry/ Institutes
Minimum Qualification : Masters in any branch of Life Science/Allied areas
Dates : 15th September - 01st October 2026
Mode of the Course : In-house training at CCMB
Mode of selection : Application form & Statement of Purpose
Course Fee : 30,000/- INR (Including Accommodation & GST)
Apply using the link : http://01.11.119.training_programs/sdp/

Training Curriculum for Course:

- Media preparation, handling bacterial cell culture; reagents preparation and equipment use for cloning.
- Competent cell preparation for recombinant DNA cloning and protein expression.
- Polymerase Chain Reaction (PCR) - Its principle, working and designing of oligos for gene of interest.
- Plasmid vector preparation and restriction digestion of the plasmid by restriction enzymes.
- Ligation and transformation of the ligated recombinant gene.
- Screening for positive clones and confirmation using colony PCR or restriction enzyme digestion and DNA sequencing.
- Transformation of the confirmed clone into expression host bacterial strain.
- Protein expression standardization, optimization of purification strategies for the expressed protein and its analysis by SDS - PAGE.

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

Course Coordinator:
 Dr. Shobha Krupa Rani
 Scientist-F
 Structural Biology Group
 CSIR-CCMB, Hyderabad.

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

Scan to Apply

CSIR Integrated Skill Initiative Program

Certificate course on

Computational Approaches to Drug Design & Development (CAD)

17th August 2026 to 25th September, 2026

Salient Features of the Training

- Hands-on training on computational drug discovery tools
- AI, machine learning & data mining in drug discovery
- Molecular modelling, docking & simulation
- Bioinformatics & chemoinformatics approaches
- Exposure to advanced software and techniques
- Interactive sessions & expert guidance

Key Focus Areas

COMPUTER-AIDED DRUG DESIGN

MOLECULAR MODELLING

PROTEIN DOCKING & SIMULATION

AI & MACHINE LEARNING

BIOINFORMATICS & CHEMOINFORMATICS

SOLID FORM INFORMATICS

HANDS-ON SOFTWARE TRAINING

RESEARCH-ORIENTED LEARNING

DURATION
6 WEEKS

NO. OF SEATS
10

COURSE FEE
₹ 10,000/-

VENUE
Centre for Bioinformatics & Computational Biology, CSIR-CDRI, Lucknow

Course Coordinator
Dr. M. I. Siddiqi
(Email: mi.siddiqi.cdri@csir.res.in)

Admission Open **Last Date to apply**
21st July, 2026

Visit For Registration & Details

Phone
0522-2771057

Email
sdp@cdri.res.in

Website
www.cdri.res.in

Address
CSIR Central Drug Research Institute, 201/202, Azadpur Extension, Noida Road, Lucknow-226015 (Uttar Pradesh)

सी.एस.आई.आर. - हिमाचल जैवसंपदा प्रौद्योगिकी संस्थान, पालतपुर
CSIR - Institute of Himalayan Bioresource Technology, Palampur
पोस्ट बॉक्स नं. 06, पालतपुर- 176 061 (हिमाचल प्रदेश) भारत
Post Box. No.06, Palampur - 176 061 (H. P.) INDIA

Hands-on Training on Hydroponic & Aeroponic Cultivation

This training is designed to impart practical and theoretical knowledge on Hydroponic and Aeroponic Technologies — soilless cultivation systems useful for vegetable, flower, medicinal & high-value crops. Participants will learn concepts, system setup, management, nutrient formulations, and crop production techniques.

Key Learning Modules:

- Introduction to Soilless Cultivation
- Exposure to Hydroponic & Aeroponic Systems
- Nutrient Management & Solution Preparation
- Hands-on System Setup & Operation
- Crop Management, Monitoring & Troubleshooting
- Business Opportunities in Soilless Farming

Start Date: 21st July, 2026

Last date of receiving application: 06.07.2026

Training fee: (Rs. 3000 +@ 18% GST)

No. of Seats: 10

Education Qualification: No formal education

Training-coordinator
Dr. Ashish R. Warghat

Training Nodal
Dr. Gireesh Nadda

For more details about Institute, kindly scan the QR code

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

Training Duration: 4 Days

Contact us:
Phone: +91-1894-233339 (Ext.) 315; 346
Fax: +91-1894-230433
Email: skill_ibbt@csir.res.in
Website: www.ibbt.res.in

वै.औ.अ.प.-केंद्रीय औषधीय एवं सगंध पौधा संस्थान
CSIR-Central Institute of Medicinal and Aromatic Plants
(CSIR-CIMAP) Council of Scientific & Industrial Research
Near Kukrail Picnic Spot, Lucknow-226015, (Uttar Pradesh), INDIA

“Skill-cum-Technology Up-gradation Programme on Cultivation, Processing, Marketing and Value Addition of economically important Medicinal and Aromatic Plants”

DURATION : 07-10 July, 2026

TIMING : 09.30 AM to 05.30 PM

VENUE : CSIR-Central Institute of Medicinal and Aromatic Plants, (CSIR-CIMAP) Near Kukrail Picnic Spot, Lucknow-226015 (Uttar Pradesh)

INTAKE : 50 Participants

FEE : Rs. 4,000/-

LAST DATE : 01 July, 2026 (05.00 PM)

Note: Seats are limited only 50 participants will be restarted in the programme depending on the availability of the seats.

OBJECTIVE:

- To enhance advance knowledge on nursery raising and improved cultivation techniques, varieties of economically important medicinal and aromatic crops like Mints, Lemongrass, Palmarosa, Citronella, Vetiver, Basil (Tulsi), Geranium, Patchouli, Chamomile and Kalmegh, Ashwagandha, Satavar etc.
- To demonstrate improved distillation and primary processing of aromatic plants and field demonstration.

COURSE CONTENT:

- Activities of CSIR-CIMAP Institute
- The brief introduction of CSIR Aroma Mission.
- Agro-technology for commercially important medicinal and aromatic plants.
- Improved cultivation techniques of economically important medicinal and aromatic plants with their economics.
- Demonstration of nursery raising techniques of important medicinal and aromatic plants.
- Primary and post-harvest processing techniques, quality control & storage of medicinal and aromatic plants.
- Crop rotation & integrated farming system.
- Integrated insect and pest management in medicinal and aromatic plants.
- Marketing aspects of economically important medicinal and aromatic plants and their economics.

Note: If you wish to stay at the CIMAP Guest House during the training period, please submit your request for a guest house application to guesthouse@cimap.res.in.

Note: The bank/online receipt along with the registration form with a valid Photo ID may be sent to e-mail id: training@cimap.res.in and original documents must be carried at the time of registration on 07.07.2026 at 09:30 AM at the venue.

COURSE FEE:
Rs. 4,000/- (₹/Rs. Four Thousand Only)
The fee Rs. 4000/- deposit, includes day boarding (Tea, lunch and evening tea), training kit with technical course material etc.
The fee is payable online in favour of the Director, CIMAP, Lucknow.

BANK DETAIL: (For online transfer)

Name of account holder : Director, CIMAP
Account No. : 30267691783 (Saving)
IFSC code of Branch : SBIN0000125
Branch Name & Address : State Bank of India, Main Branch, Hazratganj, Lucknow, 000125

CONTACT PERSON (CSIR-CIMAP, Lucknow):

Dr. Sanjay Kumar, Scientist-G : 0522-2718598
Dr. R. K. Srivastava, Scientist-F : 0522-2718637
Dr. R. S. Sharma, Scientist-F : 0522-2718606
Dr. Rushikesh N. Bhoir, Scientist-D : 8180090602
Dr. Mahesh Mahadev Kadam, Scientist-D : 9359145776
Mr. Ram Praveesh Yadav : 9450015133
Dr. Priyanka Singh : 0522-2718594
Mr. Manoj Kumar Yadav : 9454225030
Mr. Deepak Kumar Verma : 9648466816
Mrs. Rajni Gautam : 0522-2718599

Contact Ph.: 0522-2718596, 598, 588, 590, 606, 637, 694
E-mail: training@cimap.res.in | **Website:** www.cimap.res.in

WHO SHOULD PARTICIPATE? This skill cum-technology up-gradation training programme may be useful for existing and new farmers, entrepreneurs, students & academicians, essential oil distillers, exporters/importers, corporate houses for farming/contract farming, processing, value addition etc. A participation certificates will be issued after successful completion of programme.


CSIR-CIMAP, Lucknow

Purara, Bageshwar


Pantnagar

Hyderabad

Bengaluru




सीएसआईआर-नेरी, नेहरू मार्ग, नागपुर-४४००२० / CSIR-NEERI, Nehru Marg, Nagpur-440020
(विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार / Ministry of Science & Technology, Govt. of India)
हरित कौशल प्रशिक्षण कार्यक्रम / GREEN SKILL TRAINING PROGRAM
विषय/ Topic: "पर्यावरण प्रभाव आकलन (ईआईए)"/ "Environmental Impact Assessment (EIA)"
अगस्त १८-२०, २०२६ / August 18-20, 2026



पाठ्यक्रम विषय-सूची / COURSE CONTENTS

- पर्यावरण प्रभाव आकलन का परिचय / Introduction of Environmental Impact Assessment
- ईआईए अध्ययनों के लिए नाबेट की आवश्यकताएँ / NABET Requirements for EIA Studies
- ईआईए अध्ययनों की आधारभूत पर्यावरणीय गुणवत्ता / Baseline environmental quality of EIA studies
- परिवेशी वायु गुणवत्ता / Ambient Air Quality
- वायु प्रदूषण मॉडलिंग / Air Pollution Modelling
- जल गुणवत्ता – निगरानी एवं प्रबंधन / Water Quality – Monitoring & Management
- भूमि की गुणवत्ता / Soil Quality
- भूविज्ञान, जलविज्ञान और भूमि उपयोग / Geology, Hydrology & Land Use
- जैव विविधता अध्ययन / Bio-diversity studies
- ध्वनि और कंपन / Noise and Vibration
- सामाजिक-आर्थिक पहलू / Socio-Economic Aspects
- अपशिष्ट प्रबंधन / Waste Management
- प्रभावों की पहचान और आकलन / Identification & Assessment of Impacts
- पर्यावरण प्रबंधन योजना (ईएमपी) / Environmental Management Plan (EMP)



आवेदक पात्रता / Applicant Eligibility

- भारतीय नागरिक (छात्र, बेरोजगार युवा, औद्योगिक कर्म और कामकाजी पेशेवर, आदि) / Indian national (student, unemployed youth, industry personnel and working professionals, etc.)
- शैक्षणिक योग्यता: स्नातक (विज्ञान/ इंजीनियरिंग) / Educational qualification: Graduate (Science / Engineering)


पंजीकरण प्रक्रिया / REGISTRATION PROCESS

- कृपया पंजीकरण वेबलिनक के माध्यम से पंजीकरण करें / Kindly register through registration weblink
- पंजीकरण शुल्क: ₹. ३०००/- / Registration fees: Rs. 3000/-
- **Payment Details:** The Director, CSIR-NEERI, Nagpur, Account Number: 30286513766 Branch: NEERI SBI Branch, Nagpur (Maharashtra), IFSC, Code: SBIIN0042224
- पंजीकरण की अंतिम तिथि जुलाई १८, २०२६ / Last date of registration July 18, 2026
- सीटें सीमित हैं और 'पहले आओ-पहले पाओ' के आधार पर पंजीकरण किया जाएगा/ Seats are limited and registration will be done on first come first get basis.
- सीटें भर जाने पर पंजीकरण वेबलिनक समय से पहले बंद कर दिया जाएगा / The registration link will be closed earlier once the seats are filled
- हेल्पलाइन नंबर / Helpline Number: 9860248073 / 9570753986 / 9503138008

पंजीकरण वेबलिनक / REGISTRATION WEBLINK : <https://forms.gle/c823rEpcqiluxsBz8>

निदेशक/ DIRECTOR	हरित कौशल समन्वयक / GREEN SKILLS COORDINATOR	पाठ्यक्रम समन्वयक / COURSE COORDINATOR
डॉ. एस. वेंकट मोहन Dr. S. Venkata Mohan निदेशक सीएसआईआर-नेरी Director CSIR-NEERI	डॉ. हर्षवर्धन सिंह Dr. Harshvardhan Singh वैज्ञानिक जी एवं प्रयोगी कौशल विकास केंद्र (एचडीसी) Scientist G & In-Charge, Skill Development Centre (SDC) EMAIL ID : greenskills@neeri.res.in	डॉ. हर्षवर्धन सिंह Dr. Harshvardhan Singh वैज्ञानिक जी, एचडीसी Scientist G, SDC

CSIR-Indian Institute of Chemical Technology
Uppal - Tarnaka Road, Hyderabad - 500 007, Telangana



Skill Development Training Program on
Advanced Biocatalysis & Biotransformation
- from Theory to Practice

Unlock the Power of Biocatalysis for Sustainable Chemical Transformations!

Under CSIR-Integrated Skill Initiative (Phase-III)

Who Should Attend ?

- Final year students in Chemistry, Biotechnology and Pharmaceutical sciences (M.Sc / M.Tech / B.Tech students, Researchers & Academicians)


Important dates

- Online Registration : 10th June 2026 – 10th July 2026
- Communication to Shortlisted Participants: 15th July 2026
- Course Duration : 27 – 31, July 2026 **(5 days)**

Course Fee : ₹ 5,000/- + 18% GST

(Inclusive of Food)

Accommodation Available on request (₹ 100/day).



REGISTER NOW

Batch size – 20

(limited seats)

Course Co-ordinator
Dr. T. Kumrugaru
Scientist-E, Dept. of OSPC

Nodal Officer
Mr.P.Anil Kumar
Scientist-F, BDRM

CSIR-IICT



Focus of the Training Program

This hands-on, interdisciplinary training equips participants with practical skills and theoretical knowledge essential for developing innovative, eco-friendly biocatalytic solutions in modern Chemical and Pharmaceutical industries

Training Program - Highlights

Organic Synthesis & Process Chemistry - Green Chemistry aspects

- Enzyme-driven transformations for selective functional group modifications
- Process intensification strategies to improve reaction efficiency and scalability
- Integration of green chemistry principles, E-factor reduction, and process sustainability in industrial applications

Microbial and Molecular Biology Techniques

- High throughput screening methods (HTS) for enzyme screening & enzyme kinetics
- Microbial biotransformations for high-value product synthesis
- Directed evolution to enhance enzyme performance, stability, and selectivity

Advanced Analytical Techniques in Biocatalysis

- Cutting-edge analytical tools for monitoring and optimizing biocatalytic processes
- HPLC and GC-MS for reaction monitoring & ee determination

Industry visit & Interaction with experts

- Insights into the scale-up process from laboratory research to commercial production.

Hyderabad



Contact Us

☎ 040-27193146

✉ sdp@csirict.in / kumrugaru.ict@csir.res.in

www.ict.csir.in

सी.एस.आई.आर. - हिमाचल जैवसंपदा प्रौद्योगिकी संस्थान, पालमपुर
CSIR - Institute of Himalayan Bioresource Technology, Palampur
पोस्ट बॉक्स नं. 06, पालमपुर- 176 061 (हिमाचल प्रदेश) भारत
Post Box. No. 06, Palampur - 176061 (Himachal Pradesh) INDIA

CSIR- Integrated Skill Initiative (Phase-III)
Applications are invited for the Course of
Plant Tissue Culture Technician
Course Code: AGR/Q8101, NSQF Level-4

A Plant Tissue Technician performs several activities such as preparing the lab, culture media and mother plant, extracting, preparing, planting and maintaining explants. The person also transplants the tissue cultured plants and maintains record of laboratory operations.

Course Includes:

- Prepare for Plant Tissue Culture
- Carry out Plant Tissue Culture
- Transplant the tissue-cultured plants and maintain records
- Maintain health and safety in the workplace
- Employability Skills

Course-coordinator
Dr. Ashish R. Warghat

Nodal Skill Development Programme
Dr. Greshh Nadda

For more details about Institute, kindly scan the QR code

Evaluation: Conducted by the Agriculture Skill Council of India (ASCI), a unit of National Skill Development Corporation (NSDC), Govt. of India

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

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

Course Start Date: 18th August, 2026

Last date of receiving application: 27.07.2026
Course fee : Rs. 10000/-
No. of Seats : 20
Education Qualification : 12 or equivalent (Science)
OR
10th Grade Pass with 3-year relevant experience
OR
Previous relevant Qualification of NSQF Level 3.5 with 1.5-year relevant experience in Agriculture and allied sectors
OR
Previous relevant Qualification of NSQF Level 3.0 with 3-year relevant experience in Agriculture and allied sectors

Contact us:
Phone: +91-1894-233339 (Ext.) 315; 346
Fax: +91-1894-230433
Email: skill_ibbt@csir.res.in
Website: www.ibbt.res.in

Course Duration: 390 Hours
60 Days Approx.

HANDS-ON TRAINING IN IMMUNOCYTOCHEMISTRY AND FLUORESCENCE IMAGING
"By the Students, For the Students"
JULY 23-24, 2026 (02 DAYS)

WHAT YOU WILL LEARN:

- Mastering Sample Preparation and Fixation Chemistry
- Understanding Antibody Mechanics and Selection
- Optimization and Strategic Troubleshooting
- Advanced Fluorescence Microscopy & Imaging
- Accurate Image Analysis and Data Interpretation

COURSE FEE:
For Academia - Rs. 3000/-
For Industry - Rs. 10000/-

ELIGIBILITY:
M.Sc./ Ph.D. in Life Sciences or Related subjects

COURSE COORDINATOR:
Dr. Pradeep Kumar Sharma
Mrs. Anjali Pal

The benefits of the workshop:

- Hands-on to develop skills in Immunocytochemistry / Fluorescence microscopy
- Troubleshooting confidence
- Theory-to-bench connection

CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

COURSE FEE IS ONLY FOR IMPARTING TRAINING. ADDITIONALLY, WHEREVER APPLICABLE, CANDIDATES HAVE TO MAKE THEIR OWN ARRANGEMENTS (RELATED TO LODGING/BOARDING, TRAVEL, LOCAL TRANSPORTATION, ETC.) AND BEAR THOSE EXPENSES ON THEIR OWN. THE FEE ONCE PAID IS NOT REFUNDED, UNLESS THE COURSE IS CANCELLED. DO NOT BOOK YOUR TICKETS UNTIL WE SEND YOU A CONFIRMATION MAIL FROM OUR SIDE.

CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH, (CSIR-IITR)
VISHVIGYAN BHAWAN, 31 MAHATMA GANDHI MARG, LUCKNOW-226001

सीएसआईआर-नीरी, नेहरू मार्ग, नागपुर-४४००२० / CSIR-NEERI, Nehru Marg, Nagpur-440020
(विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार / Ministry of Science & Technology, Govt. of India)
हरित कौशल प्रशिक्षण कार्यक्रम (ऑनलाइन) / GREEN SKILL TRAINING PROGRAM (Online)
विषय / Topic: "अपने पर्यावरण को जानें" / "Know Your Environment (KYE)"
जुलाई १५-१६, २०२६ / July 15-16, 2026

पाठ्यक्रम विषय-सूची / COURSE CONTENTS

- पर्यावरण की बुनियादी समझ / Basic Understanding of the Environment
- वायु पर्यावरण / Air Environment
- जल पर्यावरण / Water Environment
- भूमि पर्यावरण / Land Environment
- जैविक पर्यावरण / Biological Environment
- पर्यावरणीय गुणवत्ता / Environmental Quality
- पर्यावरण संबंधी मुद्दे - पहचान और समाधान / Environmental Issues- identification & Mitigation
- पर्यावरण संरक्षण एवं सुरक्षा / Environmental conservation & protection

OUR ENVIRONMENT: AN INTEGRATED SYSTEM
The interaction of Atmosphere, Lithosphere and Hydrosphere supports and sustains the Biosphere.

ATMOSPHERE
The layer of gases surrounding the Earth, essential for life.

BIOSPHERE
The part of the planet living organisms interact with air, water and land.

LITHOSPHERE
The solid Earth - rocks, soil and mineral resources provide habitats and resources.

HYDROSPHERE
All water on Earth in its various forms - oceans, rivers, lakes, groundwater and ice.

आवेदन वेबलिनक / APPLICATION WEBLINK: <https://forms.gle/1wUSGgm2FrDcheo9>


आवेदक पात्रता / Applicant Eligibility

- भारतीय नागरिक (छात्र, बेरोजगार युवा, औद्योगिक कर्मी और कामकाजी पेशेवर, आदि) / Indian national (student, unemployed youth, industry personnel and working professionals, etc.)
- शैक्षणिक योग्यता: स्नातक / Educational qualification: Graduate

आवेदन प्रक्रिया / APPLICATION PROCESS

- कृपया आवेदन वेबलिनक के माध्यम से अपना आवेदन जमा करें / Kindly submit your application through application weblink
- पंजीकरण शुल्क: नि:शुल्क / Registration fees: Free (NO FEES)
- आवेदन की अंतिम तिथि / Last date of application: जुलाई 0५, २०२६ / July 05, 2026
- पंजीकरण की पुष्टि १० जुलाई, २०२६ तक ईमेल के माध्यम से सूचित कर दी जाएगी / confirmation of registration will be communicated up to July 10, 2026 through email


निदेशक / DIRECTOR डॉ. एस. वेंकट मोहन Dr. S. Venkata Mohan निदेशक सीएसआईआर-नीरी Director CSIR-NEERI	हरित कौशल समन्वयक / GREEN SKILLS COORDINATOR डॉ. हर्षवर्धन सिंह Dr. Harshvardhan Singh वैज्ञानिक जी एवं प्रभारी कौशल विकास केंद्र (एसडीसी) Scientist G & In-Charge, Skill Development Centre (SDC) EMAIL ID : greenskills.neeri@csir.res.in	पाठ्यक्रम समन्वयक / COURSE COORDINATOR डॉ. हर्षवर्धन सिंह Dr. Harshvardhan Singh वैज्ञानिक जी, एसडीसी Scientist G, SDC
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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 Start Date: 4th August 2026
Course duration: 90 hours;15 days (approx.)
Last Date of Application: 27th July 2026
Course Fee : Rs. 5000/-
No. of seats : 20
Minimum Educational qualification: Completed 3rd year of 3-year/ 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

Minimum Educational qualification: 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

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 availability
 Seat left vacant after last date of application, will be filled on a first-come ,first-served basis

Contact us: +91-1894-233339 (Ext.) 346
Email: skill.ihbt@csir.res.in
Website: www.ihbt.res.in

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





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CSIR- Integrated Skill Initiative (Phase -III)
Chemical Laboratory Technology

The work of laboratory chemical analyst is the basis of product quality in many industries. Chemical analysis is necessary to control the compliance of the properties of raw materials, intermediate stages of the technological process, and finished products with current standards. The laboratory chemical analyst performs laboratory analyses, tests, measurements aimed at determining



Course Highlights:

- Module 1 : Work organization and management
- Module 2 : Communication and interpersonal skills
- Module 3 : Techniques, procedures, and methods
- Module 4 : Data Processing and record keeping
- Module 5 : Analysis , interpretation , and evaluation

Course Start Date: 09.07.2026
Last Date of Application: 05.07.2026
Course Fee : Rs 5000.00
No. of seats : 10
Minimum Educational qualification: Completed 3rd year of 3-year / 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

Minimum Educational qualification: 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

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CSIR - CLRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Introductory Training Program on Leather Goods Making using chicken-feet leather and ethnic fabrics	28th - 30th Apr, 2026
2	Waste Management - Operation of Pre/Primary effluent treatment system in tanneries for industry personnel-	05th May, 2026
3	Waste Management - Wastewater analysis	11th -15th May, 2026
4	Innovation IPR-Sports	14th May, 2026
5	ToT: Advanced Leather Manufacturing Technologies for Industry Personnel	15th May, 2026
6	Design for footwear	18th - 22nd May, 2026
7	Applications of Spectroscopy and Microscopy	04th - 05th May, 2026
8	Advanced Leather Manufacturing	02nd - 31st May, 2026
9	ToT: Leather Posttanning and Finishing for the Industry Personnel	01st - 10th June, 2026
10	Leather Physical and Manual Testing for industry personnel	01st - 15th June, 2026
11	Basics of Mass Spectroscopy and its applications in Science and Technology	08th - 17th June, 2026
12	Basics of NMR & EPR and their applications	13th - 17th June, 2026
13	Safety in Footwear Industry	22nd - 26th June, 2026
14	Basics of LC-MS/MS and its applications	22nd - 25th June, 2026
15	Safety in Footwear Industry	22nd- 26th June, 2026
16	Sustainable/Cleaner Leather Manufacturing	01st - 30th June, 2026
17	Waste Management - Wastewater analysis	15th - 19th June, 2026
18	Diploma in Footwear Manufacture and Design	01st July - 30th June, 2027
19	Machine Operations - Footwear	01st - 31st July, 2026
20	Post Graduate Diploma in Footwear Technology	01st July - 31st Dec, 2028
21	Quality control orders	01st - 31st July, 2026
22	Physical testing as per quality control orders	01st - 15th July, 2026
23	Basics of TEM & SEM and their application in science	06th - 10th July, 2026
24	ToT: Leather Processing and Product Manufacturing for the Industry Personnel	06th - 17th July, 2026

CSIR - CLRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Introductory Training Program on Leather Goods Making using chicken-feet leather and ethnic fabrics	28th - 30th Apr, 2026
2	Waste Management - Operation of Pre/Primary effluent treatment system in tanneries for industry personnel-	05th May, 2026
3	Waste Management - Wastewater analysis	11th -15th May, 2026
4	Innovation IPR-Sports	14th May, 2026
5	ToT: Advanced Leather Manufacturing Technologies for Industry Personnel	15th May, 2026
6	Design for footwear	18th - 22nd May, 2026
7	Applications of Spectroscopy and Microscopy	04th - 05th May, 2026
8	Advanced Leather Manufacturing	02nd - 31st May, 2026
9	ToT: Leather Posttanning and Finishing for the Industry Personnel	01st - 10th June, 2026
10	Leather Physical and Manual Testing for industry personnel	01st - 15th June, 2026
11	Basics of Mass Spectroscopy and its applications in Science and Technology	08th - 12th June, 2026
12	Basics of NMR & EPR and their applications	13th - 17th June, 2026
13	Safety in Footwear industry	22nd - 26th June, 2026
14	Basics of LC-MS/MS and its applications	22nd - 25th June, 2026
15	Safety in Footwear industry	22nd- 26th June, 2026
16	Sustainable/Cleaner Leather Manufacturing	01st - 30th June, 2026
17	Waste Management - Wastewater analysis	15th - 19th June, 2026
18	Diploma in Footwear Manufacture and Design	01st July, 2025 - 30th June, 2027
19	Machine Operations - Footwear	01st - 31st July, 2026
20	Post Graduate Diploma in Footwear Technology	01st July, 2026 - 31st Dec, 2027
21	Quality control orders	01st - 31st July, 2026
22	Physical testing as per quality control orders	01st - 15th July, 2026
23	Basics of TEM & SEM and their application in science	09th - 10th July, 2026
24	ToT: Leather Processing and Product Manufacturing for the Industry Personnel	06th - 17th July, 2026

CSIR - CLRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
25	Basics of Microscopy and spectroscopy	13th - 17th July, 2026
26	Chemical testing as per quality control orders	15th - 31st July, 2026
27	Costing for footwear	20th -24th July, 2026
28	ToT: Leather Processing and Product Manufacturing for the Industry Personnel	27th July - 07th Aug, 2026
29	Occupational Health and Safety	01st - 31st July, 2026
30	Need for calibration of Internal equipments	03rd Aug, 2026
31	Value addition and solid waste management from tannery & CETP	03rd - 07th Aug, 2026
32	Design for footwear	03rd - 07th Aug, 2026
33	Total Quality Management for Footwear Production	03rd - 14th Aug, 2026
34	Logistics and Resource Management for Leather and Leather Products	03rd - 14th Aug, 2026
35	Calibration of Internal Equipments	04th - 07th Aug, 2026
36	Orientation to Leather Manufacture to design professionals	05th - 06th Aug, 2026
37	Basic training on combination products for craft sector, Tamil nadu	17th - 21st Aug, 2026
38	Application of statistics using R Programming	20th Aug, 2026
39	Orientation to Leather Manufacture to design professionals	26th - 27th Aug, 2026
40	Waste Management	01st - 31st Aug, 2026
41	Value addition and solid waste management from tannery & CETP	07th - 11th Sep, 2026
42	Application in Bioinformatics: Sequence and Structural perspective	09th Sep, 2026
43	Industrial Engineering for footwear factory	21st - 25th Sep, 2026
44	Basic training on leather goods design and manufacturing, Delhi	17th - 18th Sep, 2026
45	Industrial Engineering for footwear factory	21st - 25th Sep, 2026
46	Transformation of industry 4.0 in footwear sector	01st - 11th Sep, 2026
47	Training programme in GAIT ANALYSIS	01st Sep - 30th Oct, 2026
48	Polymers and compounding techniques	14th - 18th Sep, 2026

CSIR - CLRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
49	Diploma in Leather Processing	01st Sep, 2026 - 31st Aug, 2027
50	Post Graduate Diploma in Leather Technology	01st Sep, 2026 - 28th Feb, 2028
51	Orientation Programme in Leather and Products Manufacture	01st - 30th Sep, 2026
52	Wastewater analysis for industry personnel	07th - 11th Sep, 2026
53	Training on Ethnic textile & combination handbags and accessories, Manipal	12th - 16th Oct, 2026
54	Production planning in footwear manufacturing	15th - 16th Oct, 2026
55	Safety footwear	06th - 16th Oct, 2026
56	Sports good	01st - 31st Oct, 2026
57	Design Innovation: Techniques and Approaches	25th - 27th Nov, 2026
58	Design for Footwear	02nd - 06th Nov, 2026
59	Organizational Behaviour and HRM for Leather Production	01st - 30th Nov, 2026
60	LEAN Manufacturing in footwear	07th - 11th Dec, 2026
61	Statistics for Biomechanics	18th Dec, 2026
62	Leather mark	04th - 05th Jan, 2027
63	Different sustainability certification for leather sector	06th - 08th Jan, 2027
64	Customer Relationship Management for Leather /LEATHER PRODUCTS Brands	
65	Testing of slippers, sandals and hawai chappals	04th - 16th Jan, 2027
66	Advanced wastewater treatment system	25th - 05th Feb, 2027
67	Design for footwear	01th - 05th Feb, 2027
68	Short Term Executive Skill Development Program in Leather/Non Leather Footwear Manufacture	01th - 28th Feb, 2027
69	Quality and Visual Inspection of material for footwear and products	08th - 20th Feb, 2027
70	Transformation of industry 4.0 in footwear sector	01st - 12th Mar, 2027
71	Training programme in Therapeutic footwear	01th - 13th Mar, 2027

CSIR - Human Resource Development Centre, Ghaziabad
(Skill Nodal Office)

सीएसआईआर - मानव संसाधन विकास केंद्र, गाजियाबाद
(कौशल नोडल कार्यालय)



**CSIR - CGCRI SKILL DEVELOPMENT PROGRAMME
TRAINING CALENDAR 2026-27**

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Skill Development Training on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	17 April, 2026 (3 day)
2	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	15 - 29 May, 2026 (11 days)
3	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	13-14, May 2026 (2days)
4	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	18-20 May, 2026 (3 days)
5	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	19-22 May, 2026 (4 days)
6	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	20 - 22 May, 2026 (3days)
7	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	1-5 June, 2026 (5 days)
8	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	3 - 5 June, 2026 (3days)
9	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	11-12, June 2026 (2 days)
10	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	15-19 June, 2026 (4 days)
11	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	15-19 Jun, 2026 (5 days)
12	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	17-19 June, 2026 (3 days)
13	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	22 - 24 June, 2026 (3days)
14	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	24-26, June 2026 (3days)
15	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	6 - 10 July, 2026 (5 days)
16	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	8-10, July 2026 (3 days)
17	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	7-10 July 2026 (4 days)
18	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	13-15 July, 2026 (3 days)
19	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	15 - 17 July, 2026 (3 days)
20	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	20 - 24 July, 2026 (5 days)
21	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	28-31 July, 2026 (4 days)
22	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	1 - 7 August, 2026 (5 days)
23	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	5th to 7th August, 2026 (3 days)
24	"Functions of Ceramic raw materials in traditional ceramic bodies and Glazes"	10-11 August, 2026 (1 days)
25	Training on Soft Skills and Technical Skills Upgradation on Whiteware Ceramics Fabrication and Characterisation	11-12 August, 2026 (3 days)

**CSIR - CGCRI SKILL DEVELOPMENT PROGRAMME
TRAINING CALENDAR 2026-27**

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
26	Standardization of process control parameters in a sanitaryware manufacturing unit	12-14 August, 2026 (3 days)
27	Membrane fabrication, and industrial applications related to water purification and filtration	17 - 21 August, 2026 (5 days)
28	Training on complete classical methods of analysis of glass, ceramic and allied materials.	18-21 August, 2026 (4 days)
29	Mineralogical & Chemical Characterisation: Principles and Applications (skilling program/ paid)	20-21 August 2026 (2 days)
30	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	1 - 11 Sept, 2026, 9 days
31	Standardization of process control parameters in a sanitaryware manufacturing unit	9-11 September, 2026
32	Terracotta Processing-Slip Casting, Glaze preparation and Clay property evaluation.	3-5, September 2026 (3 days)
33	Training on Soft Skills and Technical Skills Upgradation on Stoneware Manufacturing and Processing	15-18 September, 2026 (3 days)
34	Laboratory Evaluation of Ceramic Tiles: ISO Standards & Applications (paid/skilling program)	24 - 30 Sept, 2026, 5 days
35	Advanced training on Atomic Absorption Spectroscopy for quantification of minor and trace elements in glass, ceramic and environmental samples.	22-23 September, 2026 (2 days)
36	Special training on Ceramic Membrane Technology for water treatment & Water & Wastewater Analysis using Advanced Instrumental Techniques	24 - 30 Sept, 2026, (7 days)
37	Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	5 - 16 Oct, 2026, 10 days
38	Good Manufacturing Practices in vitreous china sanitaryware industry.	8-9, October 2026 (2 days)
39	Special training on principles and application of UV-Vis Spectrophotometer, Ion meter, AAS and ICP-AES for analysis of glass, ceramics and allied raw materials	6-9 October, 2026 (4 days)
40	Terracotta Processing: Terracotta Ornament making POP mould making, Slip Casting	7-9 October, 2026
41	Training on Soft Skills and Technical Skills Upgradation on "Terracotta Processing & Characterisation"	12-14 October, 2026 (3 days)
42	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	26 - 30 Oct, 2026, 5 days
43	GMP & Process Control in Fire Clay Refractories - Wankar Refractories Cluster Training	1-3 November, 2026 (2 days)
44	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	2 - 6 Nov, 2026, (5 days)
45	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	16 - 20 Nov, 2026, (5 days)
46	Training on Soft Skills and Technical Skills Upgradation on Stoneware Manufacturing and Processing	15-20 November, 2026 (4 days)
47	Training on classical analysis of glass ceramics and allied materials and related grading of glass	17-20 November, 2026 (4 days)
48	Terracotta Processing- Glaze preparation & application, Plaster of paris mould making	18th to 20th November, 2026 (3 days)

**CSIR - CGCRI SKILL DEVELOPMENT PROGRAMME
TRAINING CALENDAR 2026-27**

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
49	Membrane fabrication, and industrial applications related to water purification and filtration	1-4 Dec 2026 (4 days)
50	Instrumental Methods for Chemical Characterization of Glass & Ceramic Materials & Testing & Calibration Techniques Related to Temperature Measurement and Control	6-11 December, 2026 (4 days)
51	Physical Testing of Refractory Raw Materials- Refractory testing like PCE, RUL, CCS, Sp Gravity, CMOR, HMOR.	9-11 December, 2026 (3 days)
52	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	14 - 18 Nov, 2026, (5 days)
53	Training on Soft Skills and Technical Skills Upgradation on Whiteware Manufacturing and Glaze Applications	14-16 December, 2026 (3 days)
54	Training on complete classical methods of analysis of glass, ceramic and allied materials.	15-19 December, 2026 (4 days)
55	standardization of process control parameters in a ceramic tiles manufacturing unit (skilling program/ paid)	21-23, December 2026 (3 days)
56	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	28 - 31 Dec, 2026, (4 days)
57	Advanced training on ICP-OES for quantification of minor and trace elements in glass, ceramic and environmental samples.	5-8 January, 2027 (4 days)
58	Terracotta Processing-Clay property evaluation, Raw material Processing, Slip Casting.	6-8 January, 2027 (5 days)
59	Training on Testing of Ceramic Tiles, Sanitaryware and bricks as per Relevant IS Specifications.	14-15, January 2027(2 days)
60	Training on Soft Skills and Technical Skills Upgradation on Whiteware Ceramics Fabrication and Characterisation	18-20 January, 2027
61	Advanced training on Atomic Absorption Spectroscopy for quantification of minor and trace elements in glass, ceramic and environmental samples.	19-22 January, 2027(4 days)
62	Special training on Ceramic Membrane Technology for water treatment & Water & Wastewater Analysis using Advanced Instrumental Techniques	1 - 12 Feb, 2027(10 days)
63	Special training on principles and application of UV-Vis Spectrophotometer, Ion meter, AAS and ICP-AES for analysis of glass, ceramics and allied raw materials	2-5 February, 2026 (4 days)
64	Physical Testing of Refractory Raw Materials- Refractory testing like Creep Test, Dilatometer, Thermal Conductivity, PCE, RUL	3- 5 February, 2027 (3 days)
65	Lab operations in a process control lab of ceramic tile industry.	9-10, February 2027(2 days)
66	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	22 - 26 February, 2027, (5 days)
67	Training on Soft Skills and Technical Skills Upgradation on "Terracotta Processing & Characterisation"	22-25 February, 2027 (5 days)
68	Instrumental Methods for Chemical Characterization of Glass & Ceramic Materials & Testing & Calibration Techniques Related to Temperature Measurement and Control	2-5 March, 2027 (4 days)
69	standardization of process control parameters in a ceramic tiles manufacturing unit (skilling program/ paid)	3-5, March 2027 (3 days)
70	Skill Development Training Program on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques	8 - 12 March, 2027, 4 days
71	Training on Soft Skills and Technical Skills Upgradation on Whiteware Manufacturing and Glaze Applications	8-10 March, 2027 (3 days)
72	Terracotta Processing- Slip Casting, Plaster of paris mould making and finishing.	10-12 March, 2027 (3 days)

**CSIR - CDRI SKILL DEVELOPMENT PROGRAMME
TRAINING CALENDAR 2026-27**

S.No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Pharmaceutical Product Development and Quality control	21 April, 2026 (4 weeks)
2	Pathological Tools & Techniques for biomedical applications	4 May, 2026 (4 Weeks)
3	Advanced Spectroscopic (NMR, HPLC LC-MS, UV/IR) Techniques	20 July, 2026 (8 weeks)
4	Basic Training in Electron Microscopy Techniques for Life Sciences	25 Sep, 2026 (3 weeks)
5	Computational Approaches to Drug Design and Development	25 Oct, 2026 (6 weeks)
6	Advanced course on Care, Management of Laboratory Animals & Experimental Techniques	06 January, 2026 (3 weeks)
7	Plant authentication, phytochemical extraction; formulation and HPLC analysis of herbal products	23 Mar, 2027 (04 weeks)



(Please click on the link to view the details)

NATIONAL

- ▶ [India secured 13th place globally in the QS World Future Skills Index 2027, emerges as a leading AI ready economy.](#)
- ▶ [India Is Rewiring Asia's AI Workforce - AVPN Close the Training Gap](#)
- ▶ [Global Skills Challenge 2026: Future of skilled workforce](#)
- ▶ [AI is speeding workforce turnover. But your next great hire may already be working for you](#)
- ▶ [15 Skilled Youth to Represent Team India at the Global Skills Challenge 2026 in Australia Ahead of WorldSkills Shanghai 2026; MSDE Extends Best Wishes](#)
- ▶ [MSDE Marks 12 Years of Skill India, Highlights Expansion of Training, Apprenticeship and Digital Skilling Ecosystem](#)
- ▶ [Ministry of Skill Development & Entrepreneurship Holds Industry Interaction on PM-SETU Scheme for Rajasthan Cluster](#)
- ▶ [Gangtok Launches "Kuzu Phonics" Through Three-Day Capacity Building Workshop on Phonological Awareness and Phonics](#)
- ▶ [Ministry of Skill Development and Entrepreneurship Announces Kaushal Mahotsav- Warangal 2026; Brings Over 5,000 Opportunities of Employment for Telangana Youth](#)
- ▶ [IIT alumni to provide AI training to migrant workers in Singapore](#)
- ▶ [AI upskilling increases salaries by 150% on average in India: Report](#)
- ▶ [HMCSSC invites RFP for review and validation for existing skill gap studies](#)
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- ▶ [CGSSC and Wadhvani Foundation sign MoU to facilitate employability skills and soft skills](#)
- ▶ [Odisha Expands Skill Development Programs for Youth](#)
- ▶ [UP to train 36,103 govt school students with employment-based skills in electronics, agriculture](#)
- ▶ [Team India Wins 5 Medals at Global Skills Challenge Australia 2026, Strengthens WorldSkills Shanghai Preparations](#)
- ▶ [India's workforce is ready for future jobs, but lags in skills](#)
- ▶ [दरभंगा के रामनगर स्थित सरकारी आईटीआई का चयन पीएम सेतु योजना के तहत कौशल विकास के लिए किया गया है](#)
- ▶ [सशक्त युवा, सशक्त राष्ट्र: 2047 तक विकसित भारत के लिए भारत का दृष्टिकोण](#)
- ▶ [यूपी के स्कूलों में शुरू होगी स्किल एजुकेशन:कक्षा 6 से मिलेगा स्किल डेवलपमेंट का प्रशिक्षण, स्कूलों में बनेंगी आधुनिक लैब](#)
- ▶ [यूपी में खुलेंगे 5 नए कौशल केंद्र, जिलों में स्किल मैपिंग शुरू; इंडस्ट्री की जरूरत के मुताबिक मिलेगी ट्रेनिंग](#)
- ▶ [कौशल विकास के लिए देशभर में बनेंगे सेंटर ऑफ एक्सीलेंस, स्किल ट्रेनिंग का स्थायी ढांचा बनाने का प्रयास](#)
- ▶ [अब घर के पास मिलेगी नौकरी! यूपी सरकार ने लॉन्च किया Blue Dots AI प्लेटफॉर्म](#)
- ▶ [यूपी के सरकारी स्कूलों में शुरू होगी हुनर की क्लास, 'प्रोजेक्ट प्रवीण' के तहत लक्ष्य तय; 15 जुलाई से शुरू होंगी कक्षाएं](#)
- ▶ [केन्द्रीय मंत्री श्री जयंत चौधरी ने भारत की अगली पीढ़ी के कौशल चैंपियनों को खोजने हेतु इंडियास्किल्स प्रतियोगिता 2026-27 का शुभारंभ किया; एसआईडीएच पर पंजीकरण शुरू](#)

INTERNATIONAL

- ▶ [Global talent mobility in retreat: AI is the exception](#)
- ▶ [AI reshapes global labour market into two distinct paths, rewarding human skills: PwC 2026 Global AI Jobs Barometer](#)
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