

CSIR SKILL BULLETIN

(A FORTNIGHTLY E-PUBLICATION)

सीएसआईआर कौशल पत्रक

(पाक्षिक ई-प्रकाशन)

Editorial Team

- Dr Vinay Kumar
- Ms Neeti Sagar

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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 successfully conducted a two-week Skill Development Program on “Chromatographic Techniques” during 1st - 12th September 2025 under the CSIR-Skill Development Initiative. A total of nine post-graduate and research students from diverse scientific backgrounds participated in this intensive, hands-on training program. The program was designed to build technical competency and enhance analytical skills in modern chromatographic methods widely used in research, academia, and industry. Participants were trained to identify, separate, and purify complex mixtures, and to carry out qualitative and quantitative analyses using state-of-the-art instrumentation. Emphasis was also placed on instrument calibration, method development, data interpretation, and troubleshooting techniques, ensuring that trainees gained industry-relevant competencies. The program was ably coordinated by Dr. Sanjay Borikar, Dr. Mahesh Kulkarni, Dr. Snehal More, and Dr. Nilakshi Sadavarte, with strong support from their technical and administrative teams. Their collective efforts ensured smooth and effective delivery of the course content. Special thanks were extended to the CSR sponsors, Envalior and the CSIR-Skill Development Program (CSIR-SDP), whose generous financial assistance made this initiative possible.



CSIR-NPL, New Delhi conducted a Training Programme on “Force, Torque and Hardness Metrology (STP-9)” during 17th - 18th September 2025. The program was designed to provide participants with in-depth knowledge and practical skills in the calibration of force, torque, and hardness parameters using standard machines. A total of 16 participants from diverse backgrounds, including quality assurance professionals, private calibration laboratories, and academic research institutions, actively engaged in the training. Through a structured blend of expert lectures, live demonstrations, and hands-on laboratory sessions, the participants gained meaningful insights into advanced metrological concepts, measurement standards, calibration methodologies, and uncertainty evaluation.



CSIR-IGIB, New Delhi conducted a 30-Day Advanced Training Course on “Genomics and Molecular Technologies” during 01st - 30th September 2025. The program provided 21 no. of participants with hands-on exposure to end-to-end whole genome sequencing (WGS) workflows, including DNA library preparation, sequencing, and bioinformatics analysis, aimed at strengthening their understanding of industrial and research applications of WGS technologies. The training course brought together Master's and Ph.D. scholars from across India. The sessions combined lectures, hands-on experience, and interactive discussions, fostering a collaborative learning environment and encouraging participants to integrate theory with practice.



CSIR-CECRI, Karaikudi conducted a one-week Skill Development Training Program on “Solar Energy Conversion Technologies: Fundamentals and Hands-on Training” during 06th - 10th October 2025. The program aimed to provide the latest knowledge and skills in the area of solar energy conversion technologies. When the sun shone onto a solar panel, energy from the sunlight was absorbed by the PV cells in the panel. This energy created electrical charges that moved in response to an internal electrical field in the cell, causing electricity to flow. The program was attended by 56 participants from different parts of Tamil Nadu. The training program was inaugurated, and divisional activities were explained by Dr. R. Thangamuthu, Chief Scientist, Electro-Organic & Materials Electrochemistry Division. The event was coordinated and hosted by Dr. S. M. Rajendran, Chief Scientist, Head & Nodal Officer of ISI under CECRI's Skill Development Group. It was technically convened by Dr. A. Pandikumar, Principal Scientist, and co-coordinated with a formal vote of thanks proposed by Dr. S. M. Senthilkumar, Senior Principal Scientist, Electro-Organic & Materials Electrochemistry Division. Several faculty members were present during the inaugural function.



CSIR-CEERI, Pilani conducted a “Semiconductor High-Impact Learning Program (SHILP)” during 06th - 17th October 2025. This focused, short-term (two-week) hands-on training initiative was designed to provide engineering and technical students with in-depth exposure to semiconductor device technologies and allied domains. A total of 14 students from Nirma University, Ahmedabad participated in the program. The program aimed to bridge the gap between academia and industry by enabling participants to work directly in CEERI's advanced laboratories under expert mentorship. Each batch of SHILP engaged participants through intensive practical sessions, lectures, and demonstrations covering semiconductor fabrication, packaging, testing, and device characterization. Conducted as a paid, certificate-based program under CSIR guidelines, SHILP also offered accommodation and campus facilities to participants. The initiative has successfully trained several batches of students from leading institutes across India.



CSIR-CEERI, Jaipur Campus conducted The Advanced Industrial Internet of Things (IIoT) Training Program, sponsored by the Rajasthan State Industrial Development and Investment Corporation (RIICO), during 6th – 31st October 2025. This one-month specialized program was designed to provide participants with hands-on learning and practical exposure to advanced concepts and applications of IIoT in modern industries. The batch comprised 30 enthusiastic girl students from various engineering colleges across Rajasthan, reflecting a strong commitment to promoting women’s participation in emerging technologies and aligning with the vision of Skill India and Atmanirbhar Bharat. Participants gained exposure through real-time lab experiments, simulation tools, and project-based learning, supported by scientists and the technical team of CSIR-CEERI. The program also featured expert sessions from industry professionals to bridge academic learning with practical implementation. By the conclusion of the course, the participants had developed competencies to design, implement, and troubleshoot IIoT systems, preparing them for future roles in smart manufacturing, automation, and digital transformation sectors.



CSIR-4PI, Bengaluru conducted a five-day workshop on “Applied Data Science: From Theory to Real-World Impact” during 13th – 17th October 2025. The course focused on upskilling B.E./B.Tech students in the era of Artificial Intelligence. It covered a wide range of topics – from the fundamentals of traditional data science to advanced concepts in Large Language Models (LLMs) and Generative AI (GenAI) – through in-depth theoretical sessions and hands-on practical training. A total of 33 participants attended the program.



CSIR-NEERI, Nagpur conducted a Green Skill Training Program on “Water Quality Monitoring, Water Safety and Security Planning” during 14th – 15th October 2025 under the CSIR-Integrated Skill Initiative activities. Dr. S. Venkata Mohan, Director, CSIR-NEERI, inaugurated the program and addressed the participants on issues related to water resources, water treatment, and sanitation. Dr. Paras Pujari, Chief Scientist & In-charge, WR, welcomed the participants, while Dr. Gajanan Khadse, Chief Scientist, WR and Course Coordinator, briefed them about the course contents. Dr. Harshvardhan Singh, Senior Principal Scientist & In-charge, SDC, provided an overview of the Green Skill Development activities of the institute. Participants from rural and urban areas of Bihar, Delhi, Maharashtra, Telangana, Uttar Pradesh, and Madhya Pradesh, representing various organizations, took part in the program, which comprised technical presentations and visits to the Water Laboratories and Harit Sangrahalaya. CSIR-NEERI scientists – Dr. Gajanan Khadse, Dr. Harshvardhan Singh, Dr. Raghuvanshi Ram, Dr. Paras Pujari, Dr. Ashish Sharma, Dr. Srimant Kagne, and Dr. Kumar Amrit – delivered insightful talks and interacted with the participants. A total of 24 participants attended the program.



UPCOMING EVENTS

आगामी आयोजन

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 : 27th to 31st 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.ccmr.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

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

3D Bioprinting

Scan to Apply

Three days skill development program on
Arduino based programming and Embedded System Development

Organised under CSIR-Integrated Skill Development Initiative
CSIR-Institute of Minerals and Materials Technology, Bhubaneswar
24-26, October 2025 (Friday, Saturday and Sunday)

Learn | Design | Code | Build | Innovate
A perfect bridge between theory and real-world applications in electronics and embedded systems

Why It's Important and Who can Attend?
Electronic Hobbyists:
 Unlock your creativity! Arduino provides an easy and affordable platform to design, prototype, and bring your electronic ideas to life – from home automation to robotics.
Startup Companies in Innovative System Design:
 Accelerate your product development. Arduino helps transform concepts into functional prototypes quickly, reducing cost and time-to-market for smart and connected devices.
ITI / Diploma / B.Tech. / M.Sc. / MCA Students/ Passed Out:
 Build strong practical skills in electronics, computer science, and instrumentation. Gain hands-on experience in microcontrollers, sensors, IoT, and automation – essential for an embedded systems career.
ATL Lab Instructors and School Innovators:
 Empower students to learn by doing. Arduino-based learning encourages curiosity, creativity, and problem-solving – the foundation of the Atal Tinkering Lab (ATL) vision.

Course Content
 Introduction Embedded System
 Different types of Arduino and pin configurations, Concepts of Arduino Programming, Interfacing pins – serial (SPI/I²C/UART), parallel, analog in, analog out, PWM, Interfacing with sensors IR module, Ultrasonic module, Gas sensors, Temp sensors, LDR etc., Interfacing with output devices motors, buzzers, LEDs, Interfacing with LORA, Keyboard, LCD, OLED, RTC, SD card etc., Mini Project
Daily Hands-on Activities
 Additional DEMO: Digital Storage Oscilloscope, Data Acquisition Systems

Registration Link:
<https://forms.gle/h1p3BiRrMhW1BfB6>
Course Coordinator:
 Dr. Debi Prasad Das, Chief Scientist, CSIR-IMMT, Bhubaneswar
dpdas.immt@csir.res.in | 9777431311

Course Fee: ₹1000 only
(Includes an electronic practice kit worth ₹1000 — yours to keep!)

We believe in **learning by doing**. Every participant receives a **hands-on electronic kit** to explore, experiment, and practice Arduino-based circuits even after the program. Our goal is not just to teach, but to **ignite curiosity and confidence** in building real-world electronic systems.
 Join us to learn, create, and innovate — one circuit at a time.

Account Name: Industrial Research Fund Account for Institute of Minerals and Materials Technology
 Bank Name: SBI
 Branch Code: 07499
 Account No. 30267734773
 IFSC Code: SBIN0007499
 Branch Name: RRL Campus Branch, Bhubaneswar-751013.

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

Date: 30.10.2025 - 31.10.2025

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

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

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

SCAN HERE FOR PAYMENT-

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)- 9839608758
 Aastha Chandra (Student Coordinator)- 956973888
 Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236
sdp1.iitr@csir.res.in, sdp1iitr@gmail.com

Skill Development Program on
Industrial Instrumentation: Practical Skills for Real-World Applications

Organized under CSIR-Integrated Skill Initiative
October 27-31, 2025 (5 Days)
 Venue: CSIR-IMMT, Bhubaneswar

ABOUT THE PROGRAM
 This 5-day hands-on Skill Development Program aims to bridge the gap between theoretical knowledge and industrial practice. Participants will gain practical exposure to instrumentation systems used in process industries, research laboratories, and automation environments.




TARGET PARTICIPANTS
 Diploma, Undergraduate/PG students, research scholars, technicians, and early-career engineers from Electronics, Instrumentation, Electrical, Robotics and Mechanical backgrounds who wish to enhance their practical skills for industrial and research applications.

Registration Link: <https://forms.gle/GzFbCZuYnA9vMNko7>

Last Date of Registration: 22.10.2025
Registration Fee: Rs 1000

Account Name: Industrial Research Fund Account for Institute of Minerals and Materials Technology
 Bank Name: SBI
 Branch Code: 07499
 Account No. 30267734773
 IFSC Code: SBIN0007499
 Branch Name: RRL Campus Branch, Bhubaneswar-751013.

CONTACT
 Course Coordinator: **Dr. Santosh Kumar Behera, Senior Principal Scientist**
 Electronics, Instrumentation & Control Division, CSIR-Institute of Minerals & Materials Technology, Bhubaneswar
 Email: skbehera.immt@csir.res.in Mobile: 9438182457






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.
sdp.ccmb@csir.res.in



Scan to Apply



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/sdp/

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

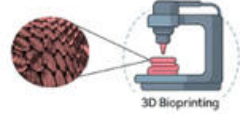
Synthesis of:

- 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

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@csir.res.in

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CSIR- Centre for Cellular & Molecular Biology

Skill Development Program
On
Zebrafish Husbandry & Microinjection

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

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



Training Dates
05th to 10th January 2026

About the course:




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

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

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


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CSIR-CCMB

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




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

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

Training Curriculum for Course:

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




Salient Features of the Training:

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

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

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

Scan to Apply





BASIC SKILL DEVELOPMENT TRAINING ON "Spectroscopic Analytical Techniques - IR" (10th-14th Nov, 2025)

CSIR-INDIAN INSTITUTE OF PETROLEUM

INTRODUCTION
CSIR-IIP has state-of-the-art R&D facilities, experienced and qualified staff and the institute maintains its leading position in conducting training programs for the personnel from refining, petrochemical, automotive, power and related user industry. More than 10,000 personnel from India and abroad have been trained.

As per the initiatives taken by the institute under "CSIR-IIP Integrated Skill Development Training Programs", applications are invited from eligible participants for training program on "Spectroscopic Analytical Techniques IR".

Our Analytical Sciences Division is equipped with range of analytical instruments, numerous test measurement instruments and our scientists having vast knowledge base and working experience. The participants will acquire a broad working knowledge of spectroscopic analytical testing/evaluation techniques using IR.

CSIR INTEGRATED SKILL INITIATIVE

GET IN TOUCH
Sh Premechand Nenuzu
Co-ordinator, Skill Development Training Program
CSIR-Indian Institute of Petroleum Mohkampur,
Hardwar Road Dehradun - 248008
E-mail: premechand.nenuzu@iip.res.in
Sh Premechand Nenuzu,
Tel No 0185-2528952(O), M- 9467096842
E-mail: rajyash_bhatnagar@iip.res.in
Sh Rajyash Bhatnagar,
Tel No 0185-2528952(O), M-4218591825

CSIR INTEGRATED SKILL INITIATIVES

BASIC SKILL DEVELOPMENT TRAINING ON "SPECTROSCOPIC ANALYTICAL TECHNIQUES - IR"

OBJECTIVES & SCOPE
Training is aimed at providing in depth knowledge and hands on experience on various spectroscopic analytical techniques to those new to the R&D industry or wish to develop their career further in the relevant QA/QC area with more strengthened analytical approach.

AFTER SUCCESSFUL COMPLETION
With exposure to advanced analytical instrument facilities backed by theoretical clarity, a person will be able to develop precise evaluation approach for research and development activities/quality compliance besides running routine analytical tests depending upon individual's ability and dedication in learning the skill.

CONTENTS

- Basics of analytical chemistry
- Qualitative and quantitative analysis: Pre-requisites
- Various sample preparations Analytical approaches using FTIR
- Analytical approaches using FTIR
- Theory, instrumentation & analysis using FTIR
- Data and interpretation

CSIR INTEGRATED SKILL INITIATIVE

IMPORTANT DATES
Last date for submission of Application : 05th Nov 2025
Course Duration : 10th-14th Nov, 2025

Seats are limited to a maximum of 15 participants. Register early!

CSIR INTEGRATED SKILL INITIATIVE

PRE-REQUISITES / QUALIFICATION
Having graduation and post graduation in Chemical Sciences & Petroleum Engg. Age - 20-40 years (Age/qualification relaxation as per Govt. of India rules/discretion of Director, CSIR-IIP).

WHO SHOULD JOIN
Resident Indian having desire to work in the areas of R&D/Quality Control OR wants to acquire broad knowledge of Spectroscopic Analytical approach through exposure to instrumental testing and evaluation for competitive examinations.

SALIENT FEATURES OF THE PROGRAM

- Theory /Practices - 20 /80
- Small group of trainees in each program
- Interactive sessions for in-depth knowledge sharing
- Evaluation of trainees will consist of both Theory & Practical component
- Certificates will be awarded on successful completion of the training

COURSE FEES / TERMS AND CONDITIONS

- Candidates have to apply as per the application format in the given link below along with one set of self-attested documents (Hard copy of application).
- All documents in original to be shown at the time of enrolment.

FORM DOWNLOAD (pdf)
CSIR INTEGRATED SKILL INITIATIVE
A non-refundable course fee of ₹ 1000 (Rupees One Thousand only) per person is applicable for students/unemployed candidates, and ₹10,000 (Rupees Ten thousand only) for sponsored candidates. The SC/ST/PwD candidates will get 25% discount in the above fee structure. Course Fee shall be paid through electronic mode after confirmation only. Boarding & Lodging charges extra as per the prevailing rates of IIP Hostel and subject to availability.

NAME OF BANK : State Bank of India
NAME OF THE ACCOUNT HOLDER : Director, Indian Institute of Petroleum, Dehradun.
BANK ACCOUNT NO : 30286912400
BRANCH : IIP Township, Mohkampur Dehradun, India
SWIFT CODE : SBININ3300
11 Digit IFSC Code : SBIN0002359

TRAINING VENUE - CSIR-Indian Institute Of Petroleum P.O. IIP Mohkampur, Hardwar Road, Dehradun-248 005, Uttarakhand (India).

CSIR INTEGRATED SKILL INITIATIVE

CSIR-NCL SKILL DEVELOPMENT PROGRAM

Quality Control Chemist

Empowering Next-Gen Chemists

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

ABOUT COURSE
Quality control is an essential part to ensure the desired quality of the products being manufactured. Hence role and responsibilities of a Quality Control Chemist becomes crucial in any manufacturing unit as in research unit, quality control of any product can be achieved by qualitative and quantitative analysis. Hence, skills in analytical and instrumentation quality assurance will empower the quality control with the latest tools of quality control chemistry.

Being well-versed in quality control chemistry provides lots of tasks to perform and then sample size, maintaining the data and its documentation to any manner in soft & hardware. Quality control can be achieved from material and process to the level of finished product as per the associated technical document (protocols of the organization). Test to ensure the quality of any. Thus, exposure to organization's research, laboratory tests are integral part of quality control programs.

COURSE COORDINATOR
Dr. V. Koteswara Rao
Principal Scientist,
CSIR-National Chemical Laboratory,
Pune-411008

COURSE CONTENT

- Introduction to basic theory and general applications
- Introduction and Demonstration of IR, XPS, and DLS (Surface area analysis)
- Chromatographic Techniques - HPLC, GC
- QA/QC, GPC and LC-MS
- QA/QA, Process, Method Development, Qualitative and Quantitative Assayments, Validation, Troubleshooting, Shrinkage and Software for chromatography
- QA/QC (Good Documentation), SOP's, Standard Operating Procedures, QA/QC (Good Laboratory Practice)

COURSE DETAILS
Duration - 2 weeks
Dates: 03-November - 16-November 2025
No. of Seats - 15
Eligibility - B.Sc. Chemistry / B.Tech/ M.Pharm. (Exp. date of registration: 31 Oct 2025)

COURSE FEES
Students - 3000/-
Faculty - 17000/-
Principal Professional - 23000/-
(The fees stated include 15% GST)
Accommodation & meals - 2 days with afternoon charges.

FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

HOW TO APPLY
Application form is available at - <http://www.ncl-india.org/files/SDP/Default.aspx>

Here is the reason why WHY CHOOSE US

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

<https://nclsdnp.ncl.res.in/>
ncl.sdct@ncl.res.in

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

Envalor
Inspire the Future
CSIR Sponsor

CSIR INTEGRATED SKILL INITIATIVE

CSIR-NCL SKILL DEVELOPMENT PROGRAM

"Polymer Characterisation With GPC Techniques"

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

ABOUT COURSE
Gel permeation chromatography (GPC) is a widely used technique for the polymer characterization. It is the essential and important analytical technique used for molecular characterization. GPC is also known as size exclusion chromatography (SEC) or steric exclusion chromatography (SEC). This course provides a detailed knowledge of theory, sample preparation, data generation, analysis, report generation and troubleshooting. After successful completion of the course the candidate will be able to analyse and interpret the data and will acquire sufficient expertise.

COURSE CONTENT
GPC - introduction to GPC, technique, history and development, Pump, Column and detectors, Sample method development, live demonstration of sample run, Analysis and troubleshooting etc.

PRIME INSTRUCTOR & TEAM
Mrs. Poojvi Purohit

COURSE DETAILS
Duration - 1 Week
Dates - 25th November to 31st November 2025
No. of Seats - 15
Eligibility - M.Sc. M.Pharm, B.E., B.Tech, M.Tech

COURSE FEES
Students - 3000/-
Faculty - 18000/-
Industrial Professional - 22000/-
(The fees stated include 15% GST)
Accommodation & meals - 2 days with afternoon charges.

FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

HOW TO APPLY
Application form is available at - <http://www.ncl-india.org/files/SDP/Default.aspx>

Here is the reason why WHY CHOOSE US

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

<https://nclsdnp.ncl.res.in/>
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CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pashan, Pune-411008

Envalor
Inspire the Future
CSIR Sponsor

ANNUAL CALENDAR OF SKILL TRAININGS BY CSIR LABS

सीएसआईआर प्रयोगशालाओं द्वारा कौशल प्रशिक्षणों के वार्षिक कैलेंडर

CFTRI SHORT TERM COURSES SCHEDULE FOR FY 2025 – 26

COURSE CODE	TITLE OF THE COURSE	DEPT / Location	COURSE ORGANIZER	ALLOTTED DATES
STCH-01	Training programme on fruits and vegetable products	RC- HYDERABAD	Mrs. K.Sathya Mala, Dr. P.G. Prabhakara Rao, Dr. S.V.N Vijayendra	15.04.2025-17.04.2025 (3 days)
STCL-02	Training Program on Fruits and vegetable Processing (Batch 1)	RC-LUCKNOW	Dr. P.P.Godwal, Dr. Khushbu Sharma, Dr. Leela Chaudhan	22.04.2025-24.04.2025 (3 days)
STC-03	Training on mammalian cell culture technique	DOB / Mysuru	Dr. Haritha Pynam	14.05.2025-16.05.2025 (3 days)
STCH-04	Training programme on mango product	RC- HYDERABAD	Mrs. K.Sathya Mala, Dr. P.G. Prabhakara Rao, Dr. S.V.N Vijayendra	14.05.2025-16.05.2025 (3 days)
STC-05	Cell Culture and Molecular biology Techniques	DOB / Mysuru	Dr. Anbarasa K	13.05.2025-15.05.2025 (3 days)
STC-06	Fumigation, Prophylaxis and pest management technique for stored food commodities. (Batch 1)	FPIC / Mysuru	Mr. H E Krishniah	16.05.2025-30.05.2025 (15 days)
STCL-07	Training Program on Fruits and vegetable Processing (Batch 2)	RC-LUCKNOW	Dr. P.P.Godwal, Dr. Khushbu Sharma, Dr. Leela Chaudhan	21.05.2025-23.05.2025 (3 days)
STCL-08	Training Program on Bakery and Confectionery Products (Batch 1)	RC-LUCKNOW	Dr. P.P.Godwal, Dr. Khushbu Sharma, Dr. Leela Chaudhan	03.06.2025-05.06.2025 (3 days)
STC-09	Laboratory animal techniques, ethics and welfare	DOB / Mysuru	Dr. Muthukumar S.P, Dr. Manjunatha Prabha B.H.	09.06.2025-13.06.2025 (5 days)
STC-10	Analytical technique for spices	PPSFT / Mysuru	Dr. Shivkumar, Dr. Sachin Chaudari	09.06.2025-13.06.2025 (5 days)
STCH-11	Training programme on millet products	RC- HYDERABAD	Mrs. K.Sathya Mala, Dr. P.G. Prabhakara Rao, Dr. S.V.N Vijayendra	11.06.2025-13.06.2025 (3 days)
STC-12	Integrated Solid Waste and Wastewater Management in the Food Industry	FPIC / Mysuru	Dr. Sandeep Narayan Mudisar	16.06.2025-20.06.2025 (5 days)
STC-13	Essentials of Packaging Technology for Thermal Processing Applications in extension of Shelf Life and Food Safety	FPT / Mysuru	Dr. Prabakaran P	23.06.2025-25.06.2025 (3 days)

CSIR-CFTRI

CFTRI SHORT TERM COURSES SCHEDULE FOR FY 2025 – 26

STC-14	Ginger and Tamarind technologies and value addition	PPSFT / Mysuru	Dr. B.B. Borse, Dr. Anil Kumar K	02.07.2025-04.07.2025 (3 days)
STCL-15	Training Program on Bakery Products (Batch 2)	RC-LUCKNOW	Dr. P.P.Godwal, Dr. Khushbu Sharma, Dr. Leela Chaudhan	08.07.2025-10.07.2025 (3 days)
STC-16	Basics in Flour Milling and Quality Evaluation of Flour	FMBC / Mysuru	Dr. Suresh Diliprao Sakhar	07.07.2025-11.07.2025 (05 days)
STC-17	Sensory Analysis-An approach to consumer preference.	TFAN / Mysuru	Dr. Anudha Senthil, Dr. M.R.Asha	16.07.2025-18.07.2025 (3 days)
STC-18	Technique in Algal and plant biotechnology	PCBT / Mysuru	Dr. Sreedhar R.V, Dr. Thirumalesh B.V.	21.07.2025-23.07.2024 (3 days)
STC-19	Techniques related to molecular nutrition	MDT / Mysuru	Dr. Gopinath MS	23.07.2025-25.07.2025 (3 days)
STC-20	Post-Harvest Technologies for Fruits and Vegetables	FVT / Mysuru	Dr. P.S.Negi	21.07.2025-01.08.2025 (10 days)
STC-21	Spices Processing and value Addition	PPSFT / Mysuru	Dr. Pushpa S Murtiv, Dr. Sachin Chaudari	04.08.2025-08.08.2025 (5 days)
STC-22	Strategies for probiotic dairy product development	MFT / Mysuru	Dr. Prakash M Halani	11.08.2025-13.08.2025 (3 days)
STC-23	Chromatography Techniques (GC,HPLC,UHPLC) and their analytical approaches in food analysis	CIFS / Mysuru	K. Vascharevelu	18.08.2025-22.08.2024 (5 days)
STC-25	Baking Science and Technology	FMBC / Mysuru	Mrs. Cravina Kasar	18.08.2025-22.08.2025 (5 days)
STC-26	Grain Process and Products for Health and Wellness	GST / Mysuru	Dr. Meera MS	01.09.2025-03.09.2025 (3 days)
STC-27	Advances in value addition of meat, poultry and fish products.	MMS / Mysuru	Dr. Tanaji G Kudre	08.09.2025-12.09.2025 (5 days)
STC-28	Fumigation, Prophylaxis and pest management technique for stored food commodities. (Batch 2)	FPIC / Mysuru	Mr. H E Krishniah	12.09.2025-26.09.2025 (15 days)
STC-29	Advance in Laboratory Animal science: Technique, Ethics, and welfare	DOB / Mysuru	Dr. Manjunatha Prabha B.H, Dr Muthukumar S.P.	13.10.2025-15.10.2025 (3 days)

CFTRI SHORT TERM COURSES SCHEDULE FOR FY 2025 – 26

STCH-30	Training programme on tomato product	RC- HYDERABAD	Dr. P.G.Prabhakara Rao, Mrs. K.Sathya Mala, Dr. S.V.N. Vijayendra	29.10.2025-31.10.2025 (3 days)
STC-31	An overview training on Grain processing and machinery	GST / Mysuru	Mohd Shakeb	10.11.2025-14.11.2025
STC-32	Application of nanotechnology in food industry	FE / Mysuru	Dr. Dinesh B.L	18.11.2025-20.11.2025 (3 days)
STC-33	Advance Technique in microbial pathogen & Toxin Analysis	MFT / Mysuru	Dr. Preveen Bhan Mudisar, Dr. Vinodkumar N, Dr. Rooparadi C	01.12.2025-05.12.2025 (5 days)
STC-34	Fumigation, Prophylaxis and pest management technique for stored food commodities. (Batch 3)	FPIC / Mysuru	Mr. H E Krishniah	05.12.2025-19.12.2025 (15 days)
STC-35	Nutri-Cereal Process and Products Technology	GST / Mysuru	Dr. Meera MS	08.12.2025-12.12.2025 (5 days)
STC-36	Advance Technique in food analysis and research: GC-MS, LC-HRMS-MS, LC-ICP-MS, IR-MS, FT-IR, NMR, E-Nose & E-tongue.	CIFS / Mysuru	Mr. Padmaree Mukund Laxman	05.01.2026-09.01.2026 (5 days)
STC-37	Development of probiotic millet beverage and probiotic millet curd.	MFT / Mysuru	Dr. Prakash M Halani	07.01.2026-09.01.2026 (3 days)
STC-38	Extraction and quality assurance and edible fats and oil	DOB / Mysuru	Dr. P. Vijayesaj	21.01.2026-23.01.2026 (3 days)



CSIR-IGIB - Skill Development Program Training Calendar 2025-26

30 day course on end-to-end whole genome sequencing (WGS) workflow inclusive of DNA library preparation to bioinformatics pipelines for delivering high quality insights on the industrial application of WGS technology.

Dates : September 01 - 30, 2025 (completed)

Two weeks advanced IGIB-Bioinformatics Skill Development Program (IGIB-BSDP).

Tentative Date Date : January 29 - February 12, 2026

One week basic IGIB-Bioinformatics Skill Development Program (IGIB-BSDP)

Tentative Date =February 23- 28, 2026



CSIR-CSMCRI - Skill Development Program



Training Calendar 2025-26

Training Program	Training Program PI	Deliverables	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
Plant Tissue Culture Technician	Dr. Mangal S. Rathore Dr. Avinash Mishra	No. of skilling programs targeted	1	1	1	1	1
		Tentative Schedule	Dec. 2025	Dec. 2026	Dec. 2027	Dec. 2028	Dec. 2029
		No. of trainees targeted	15	15	15	15	15
		No. of skilling programs course curricula prepared	1	1	1	1	1
		Employment targeted	1	3	3	3	3
Solar Salt Production & Quality Control	Dr. Alok R. Paital	Entrepreneurs targeted	0	0	0	0	0
		No. of skilling programs targeted	2	2	2	2	2
		Tentative Schedule	Nov. 2025 Dec. 2025	Nov. 2026 Dec. 2026	Nov. 2027 Dec. 2027	Nov. 2028 Dec. 2028	Nov. 2029 Dec. 2029
		No. of trainees targeted	40	40	40	40	40
		No. of skilling programs course curricula prepared	2	2	2	2	2
Seaweed Cultivation and Processing Technology	Dr. Vaibhav A. Mantri Dr. Arup Ghosh <u>Dr. V. Veeragurunathan</u>	Employment targeted	10	10	10	10	10
		Entrepreneurs targeted	2	2	2	2	2
		No. of skilling programs targeted	8	8	8	8	8
		Tentative Schedule	April,2025 May, 2025 June,2025 Oct.2025 Dec. 2025 Feb.2026	April,2025 June, 2026 July,2026 Sep.2026 Dec.2026	May,2027 June, 2027 July,2027 Oct.2027 Jan.2028	June, 2028 July,2028 Aug.2028 Oct.2028 Jan.2029	Apr.,2029 June, 2029 July,2029 Sep.2029 Feb.2030
		No. of trainees targeted	150	150	150	150	150
Solar Salt Production & Quality Control	Dr. Alok R. Paital	No. of skilling programs course curricula prepared	8	8	8	8	8
		Employment targeted	10	10	10	10	10
		Entrepreneurs targeted	4	4	4	4	4
		No. of skilling programs targeted	2	2	2	2	2
		Tentative Schedule	Nov. 2025 Dec. 2025	Nov. 2026 Dec. 2026	Nov. 2027 Dec. 2027	Nov. 2028 Dec. 2028	Nov. 2029 Dec. 2029

Training on HPLC for qualitative and quantitative analysis of bio-actives and bio-chemicals from marine algae	Dr. R. Dinesh Kumar	No. of trainees targeted	40	40	40	40	40
		No. of skilling programs course curricula prepared	2	2	2	2	2
		Employment targeted	10	10	10	10	10
		Entrepreneurs targeted	2	2	2	2	2
		No. of skilling programs targeted	2	2	2	2	2
Applications of Membranes in Water and Energy	Dr. Vaibhav Kulshrestha	Tentative Schedule	Jan. 2026	Jan. 2027	Jan. 2028	Jan. 2029	Jan. 2030
		No. of trainees targeted	30	30	30	30	30
		No. of skilling programs course curricula prepared	1	1	1	1	1
		Employment targeted	10	10	10	10	10
		Entrepreneurs targeted	2	2	2	2	2
Strategic Algal Techniques for biomass production and Entrepreneurship development	Dr. Subir K. Mandal	No. of skilling programs targeted	1	1	1	1	1
		Tentative Schedule	Dec. 2025	Dec. 2026	Dec. 2027	Dec. 2028	Dec. 2029
		No. of trainees targeted	10	10	10	10	10
		No. of skilling programs course curricula prepared	1	1	1	1	1
		Employment targeted	6	6	6	6	6
Small-scale Solar Thermal Applications with Solar PV Insights	Dr. Subarna Maiti	Entrepreneurs targeted	2	2	2	2	2
		No. of skilling programs targeted	1	2	2	2	2
		Tentative Schedule	Jan. 2026 Feb. 2026	Aug. 2026 - Sep. 2026 and Jan. 2027 - Feb. 2027	Aug. 2027 - Sep. 2027 and Jan. 2028 - Feb. 2028	Aug. 2028 - Sep. 2028 and Jan. 2029 - Feb. 2029	Aug. 2029 - Sep. 2029 and Jan. 2030 - Feb. 2030
		No. of trainees targeted	15	30	30	30	30
		No. of skilling programs course curricula prepared	1	1	1	1	1
Small-scale Solar Thermal Applications with Solar PV Insights	Dr. Subarna Maiti	Employment targeted	1	3	3	3	3
		Entrepreneurs targeted	1	2	2	2	2
		No. of skilling programs targeted	2	2	2	2	2
		Tentative Schedule	Nov., 2025 Feb. 2026	Dec., 2026 Feb. 2027	Sep., 2027 Feb. 2028	Nov., 2028 Jan. 2029	Dec., 2029 Feb. 2030
		No. of trainees targeted	50	50	50	50	50
Fermentation Technology	Dr. Sourish Bhattacharya	No. of skilling programs course curricula prepared	1	1	1	1	1
		Employment targeted	5	5	5	5	5
		Entrepreneurs targeted	1	1	1	1	1
		No. of skilling programs targeted	4	4	4	4	4
		Tentative Schedule	Nov. 2025 Dec. 2025 Jan. 2026 Feb. 2026	Nov. 2026 Dec. 2026 Jan. 2027 Feb. 2027	Nov. 2027 Dec. 2027 Jan. 2028 Feb. 2028	Nov. 2028 Dec. 2028 Jan. 2029 Feb. 2029	Nov. 2029 Dec. 2029 Jan. 2030 Feb. 2030
Apprentice / Intern	Dr. Avinash Mishra Mr. K.S.Zala	No. of trainees targeted	50	70	100	100	100
		No. of skilling programs course curricula prepared	4	4	4	4	4
		Employment targeted	10	10	10	10	10
		Entrepreneurs targeted	10	1	1	1	1
		No. of skilling programs targeted	1	1	1	1	1
Apprentice / Intern	Dr. Avinash Mishra Mr. K.S.Zala	Tentative Schedule	Throughout the year	Throughout the year	Throughout the year	Throughout the year	Throughout the year
		No. of trainees targeted	13	13	13	13	13
		No. of skilling programs course curricula prepared	1	1	1	1	1
		Employment targeted	4	4	4	4	4
		Entrepreneurs targeted	1	1	1	1	1

Fermentation Technology	Dr. Sourish Bhattacharya	Employment targeted	5	5	5	5	5
		Entrepreneurs targeted	1	1	1	1	1
		No. of skilling programs targeted	4	4	4	4	4
		Tentative Schedule	Nov. 2025 Dec. 2025 Jan. 2026 Feb. 2026	Nov. 2026 Dec. 2026 Jan. 2027 Feb. 2027	Nov. 2027 Dec. 2027 Jan. 2028 Feb. 2028	Nov. 2028 Dec. 2028 Jan. 2029 Feb. 2029	Nov. 2029 Dec. 2029 Jan. 2030 Feb. 2030
		No. of trainees targeted	50	70	100	100	100
Apprentice / Intern	Dr. Avinash Mishra Mr. K.S.Zala	No. of skilling programs course curricula prepared	4	4	4	4	4
		Employment targeted	10	10	10	10	10
		Entrepreneurs targeted	10	1	1	1	1
		No. of skilling programs targeted	1	1	1	1	1
		Tentative Schedule	Throughout the year	Throughout the year	Throughout the year	Throughout the year	Throughout the year
Apprentice / Intern	Dr. Avinash Mishra Mr. K.S.Zala	No. of trainees targeted	13	13	13	13	13
		No. of skilling programs course curricula prepared	1	1	1	1	1
		Employment targeted	4	4	4	4	4
		Entrepreneurs targeted	1	1	1	1	1
		Tentative Schedule	Throughout the year	Throughout the year	Throughout the year	Throughout the year	Throughout the year



सी एसआईआर-भारतीय सम्मवेत औषध संस्थान, जम्मू
CSIR-Indian Institute of Integrative Medicine, Jammu

CALENDAR OF SKILL DEVELOPMENT TRAINING PROGRAMS 2025-2026



SKILL DEVELOPMENT PROGRAMME
CSIR-Integrated Skill Initiative (Phase-III)

The CSIR-IIIM Skill Development Program (SDP) is an initiative of the CSIR-Indian Institute of Integrative Medicine, Jammu, under the CSIR Integrated Skill Initiative. It focuses on building a skilled workforce in life sciences, chemical sciences, and related industries by offering job oriented skill courses, job roles, hands-on training, capacity development and research & training programs.

[X](#) [f](#) [t](#) [v](#) [i](#) [@csiriim](#) www.iiim.res.in

PROPOSED TRAINING COURSES
UNDER CSIR-SKILL INITIATIVE (PHASE III)
AT CSIR-IIIM JAMMU FOR THE FINANCIAL YEAR 2025-2026

OCTOBER 2025

- AI Workshop on Health and Agriculture
- Analyst/Chemist-Quality Control: High-Performance Liquid Chromatography (HPLC)
- Research Associate- Pharma & Biological Products: API Synthesis & Medicinal Chemistry
- Production Machine Operator Non-Sterile Formulation: Granulation, Packaging (Tablets & Capsules)
- Chemist-Quality Control: Gas Chromatography(GC)
- Lab Technician - Pharma, Biologics and Medical Devices: Wet Lab

NOVEMBER 2025

- SDP on Upstream and Downstream Processing of Industrially Important Products
- Hands on Training Program on Biomedical Research & Drug Discovery (Biological assays cell based & mice experiments)

- Advanced Techniques in Industrial Microbiology
- Value Addition, Processing & PHT in MAPs

DECEMBER 2025

- Skill Development Training Program on Real Time-PCR
- Skill Development Program on Informatics in Drug Discovery
- Plant Tissue Culture Technician

JANUARY 2026

- Production Machine Operator Non-Sterile Formulation: Granulation, Packaging (Tablets & Capsules)
- Lab Technician - Pharma, Biologics and Medical Devices: Wet Lab
- Entrepreneurship & Skill Development Program on Secondary Agriculture
- Research Methodology, Science Communication & IPR- A Futuristic Perspective

FEBRUARY 2026

- Medicinal and Aromatic Plant Grower
- Floriculture Training
- Assistant Gardener
- Hands on Training on Advance Techniques in Natural Products and Medicinal Chemistry

MARCH 2026

- Research Associate- Pharma & Biological Products: API Synthesis & Medicinal Chemistry
- Production Machine Operator Non-Sterile Formulation: Granulation, Packaging (Tablets & Capsules)
- Analyst/Chemist-Quality Control: High-Performance Liquid Chromatography (HPLC)
- Lab Technician - Pharma, Biologics and Medical Devices: Wet Lab
- Chemist-Quality Control: Gas Chromatography(GC)

IN CASE OF QUERIES: skilliim2025@gmail.com

PARTNERS & AFFILIATION OF SKILL DEVELOPMENT AT CSIR-IITR



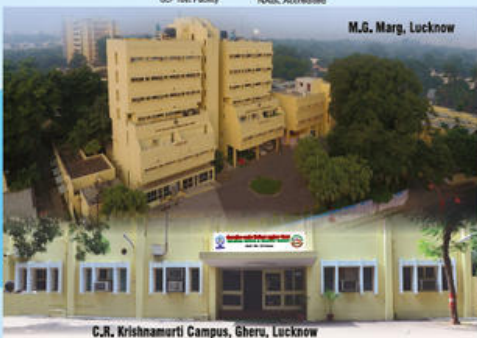
FRESH /UP/RE-SKILL YOURSELF WITH CSIR-IITR TO REALIZE YOUR DREAM CAREER IN INDUSTRY/ACADEMIA

KAUSHAL BHARAT, KUSHAL BHARAT

More than 3000 students trained in the last 5 years

Training people for better prospects towards Atmanirbhar Bharat

PEOPLE TRAINED OVER THE YEARS



C.R. Krishnamurti Campus, Ghera, Lucknow

CSIR-Integrated Skill Initiative



CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH IN SKILL ECOSYSTEM

CSIR-IITR is a NABL-accredited laboratory and has also received Good Laboratory Practices (GLP) compliance for various toxicity studies. CSIR-IITR has been conducting Skill Development Programs to generate skilled human resources under the CSIR-Integrated Skill Initiative. To enhance the students' skills, enrich their academic experience, and prepare them for success in their future endeavors, CSIR-IITR has partnered with two skill sector councils - the Life Sciences Sector Skill Development Council (LSSSDC) and the Agriculture Skill Council of India (ASCI) - to offer job-oriented training. CSIR-IITR is also offering entrepreneurial based advanced trainings (A-ESDP) in affiliation with the Ministry of Micro, Small, and Medium Enterprises. Apart from these, many workshops and specialized training programs in different toxicological techniques and environmental monitoring processes are in place for fresh skilling/up-skilling of students and reskilling of employed personnel.

SUCCESS STORIES

- **EMPLOYMENT GENERATION/PLACEMENT OF TRAINEE(S) AS :**
 - * Safety Officer at Lotus Beauty Care Products Pvt. Ltd., Haridwar.
 - * Manager-Environment at STRABAG India Pvt. Ltd., New Delhi.
 - * A fully funded doctoral position at the Monash University, Malaysia
 - * Technical officer at the Central Insecticide Board and Registration Committee, Faridabad
- 80 participants benefited from our courses in their job placement.

CALENDAR OF WORKSHOP/TRAINING PROGRAMS 2025-2026



For more details scan the QR code OR register at <https://iitr.res.in/En/SDP.aspx>
In case of queries, contact- sdp.1.iitr@iitr.res.in, sdipiitr@gmail.com
Tel: +91-522-2217497 | Ext.: 620
Phone-9307449236 (Nodal Scientist)

सीएसआईआर - भारतीय विषविज्ञान अनुसंधान संस्थान
CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH
Vishvignyan Bhawan, 31 Mahatma Gandhi Marg
Lucknow - 226001 Uttar Pradesh, India

सीएसआईआर - भारतीय विषविज्ञान अनुसंधान संस्थान
CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH
लखनऊ Lucknow

PROPOSED TRAINING/WORKSHOPS/CERTIFICATE COURSES UNDER CSIR INTEGRATED SKILL INITIATIVE AT CSIR-IITR FOR THE FY 2025-2026

SEPTEMBER 2025

Workshop on Transmission Electron Microscopy (TEM)
Date: 08/09/25-12/09/25 (05 Days)
Eligibility: Ph.D, Scholars/Technical Staff/Faculty
Course Fee : For Academic: Rs.7,000/-
For Industry: Rs. 13,000/-
Course Coordinators: Mr. Jai Shankar, Dr. Ajik K. Pandey

Hands on Training on Microbiology and Molecular Techniques
Date: 08/09/25-22/09/25 (02 Weeks)
Eligibility: B.Sc./M.Sc. in Life Sciences, Biotechnology, Microbiology, Environmental Sciences, Environmental Microbiology, Biochemistry
Course Fee : For Academic: Rs. 10,000/-
For Industry: Rs. 15,000/-
Course Coordinators: Dr. Preeti Chaturvedi Bhargava

rDNA-based Microbial Identification: Tools and Techniques
Date: 09/09/25-09/09/25 (01 Day)
Eligibility: B.Sc.
Course Fee : For Academic: Rs. 1,000/-
For Industry: Rs. 1,500/-
Course Coordinators: Dr. Manoj Kumar

Metal Nanoparticles and their In Vitro Cytotoxicity Analysis
Date: 10/09/25-11/09/25 (02 Days)
Eligibility: B.Sc./M.Sc./B.Tech/M.Tech/Ph.D. in any discipline of Life Sciences/Nanotechnology/ Chemistry/ Forensic Science
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 5,000/-
Course Coordinators: Dr. Pradeep K. Sharma, Dr. Raja Gopai

Workshop on Scientific Writing
Date: 16/09/25-18/09/25 (03 Days)
Eligibility: M.Sc.
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 5,000/-
Course Coordinators: Dr. Sanghamitra Bandyopadhyay

Entrepreneurship Awareness Program on Translating Idea to Enterprise: A road map for young entrepreneurs
Date: 17/09/25 (01 Days)
Eligibility: Graduates
Course Fee : 0
Course Coordinators: Dr. Ashwini Kumar Bhardwaj, Ms. Himanshi Tripathi

Workshop on Genotoxicity
Date: 17/09/25-19/09/25 (03 Days)
Eligibility: M.Sc.
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 7,000/-
Course Coordinators: Dr. Ajik K. Pandey

Environmental Monitoring Instruments and Analyzers for Assessment of Air and Water Pollution - Hands-on Training
Date: 22/09/25-24/09/25 (03 Days)
Eligibility: B.Tech / M.Tech in Environmental/Civil/Chemical/Mechanical Engineering Or M.Sc. in Environment/Chemistry/Physics/Life Sciences
Course Fee : For Academic: Rs. 3,000/-
For Industry: Rs. 6,000/-
Course Coordinators: Dr. B. Sreeranih, Dr. Abhay Raj

Oxidative and Cellular Stress Assays
Date: 23/09/25-25/09/25 (03 Days)
Eligibility: M.Sc. in any branch of Life sciences
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 6,000/-
Course Coordinators: Ms. Miral ul Fatima, Dr. Ravi Ram Kristpat

OCTOBER 2025

Workshop on Scanning Electron Microscopy (SEM)
Date: 06/10/25-08/10/25 (03 Days)
Eligibility: Ph.D, Scholars/Technical Staff/Faculty
Course Fee : For Academic: Rs.5,000/-
For Industry: Rs. 10,000/-
Course Coordinators: Mrs. Nidhi Aranya, Dr. Prih Bhardwaj, Dr. Ajik K. Pandey

Predictive Software and Statistical Techniques for Impact Assessment of Atmospheric Pollution and Source Apportionment - Hands-on Training
Date: 29/10/25-31/10/25 (03 Days)
Eligibility: B.Tech / M.Tech in Environmental/Civil/Chemical/Mechanical Engineering Or M.Sc. in Environment/Chemistry/Physics/Mathematical/Statistical/Computer Sci/ Life Sciences
Course Fee : For Academic: Rs. 3,000/-
For Industry: Rs. 6,000/-
Course Coordinators: Dr. B. Sreeranih, Dr. Abhay Raj, Dr. R. Parthasarathi

Hands-on training: Handling and Maintenance of C.elegans
Date: 30/10/25-31/10/25 (02 Days)
Eligibility: M.Sc.
Course Fee : For Academic: Rs.2,000/-
For Industry: Rs. 4,000/-
Course Coordinators: Dr. Anura Satish

NOVEMBER 2025

Fundamentals and Applications of Staining Techniques in Toxicopathology: From Basics to Advanced Methods
Date: 10/11/25-15/11/25 (05 Days)
Eligibility: B.Pharm/M.Pharm/B.Sc./M.Sc./B.V.Sc.
Course Fee : For Academic: Rs.5,000/-
For Industry: Rs. 8,000/-
Course Coordinators: Dr. Beena V, Dr. Pankaj Jagdali, Dr. Pradeep Kumar Singh

Workshop on Isolation, Characterization and Differentiation of Mesenchymal Stem Cell
Date: 18/11/25-19/11/25 (02 Days)
Eligibility: M.Sc./Ph.D.
Course Fee : For Academic: Rs.2,000/-
For Industry: Rs. 5,000/-
Course Coordinators: Dr. Neeraj K. Satiya, Dr. Nidhi Gupta

Workshop on Flow Cytometry
Date: 26/11/25-28/11/25 (03 Days)
Eligibility: Ph.D, Scholars/Technical Staff/Faculty
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 7,000/-
Course Coordinators: Dr. Puneet Khara, Dr. Ajik K. Pandey, Dr. Prabhanshu Tripathi

Tools for Environmental Genomics and Metagenomics
Date: 30/11/25-02/12/25 (02 Days)
Eligibility: B.Sc./M.Sc./Ph.D.
Course Fee : For Academic: Rs.2,000/-
For Industry: Rs. 5,000/-
Course Coordinators: Dr. Abhay Bajaj, Dr. Sandeep Singh

Lab Technician- Research & Quality Control (LFS/Q0509)
Date: November Last week-December Last week (05 Weeks)
Eligibility: 12 th
Course Fee : For Academic: Rs.5,000/-
For Industry: Rs. 10,000/-
Course Coordinators: Dr. Ajik Kumar Pandey, Dr. Vikas Shrivastava

DECEMBER 2025

"Hands on training course on Toxicology and pathological tools and techniques for Pre Clinical Regulatory Toxicology studies in laboratory animals"
Date: 01/12/25-05/12/25 (05 Days)
Eligibility: M.V.Sc, M.Sc/M, Tech or equivalent in Life Sciences
Course Fee : For Academic: Rs. 5,000/-
For Industry: Rs. 10,000/-
Course Coordinators: Dr. Arjaneya, Dr. Akshay Dwarakanath, Dr. Dharendra Singh

A-ESDP Processing of Plastics and Other Polymeric Products
Date: 08/12/25-12/12/25 (05 Days)
Eligibility: Engineer/Graduate/ Post Graduate Students Research Scholars Industry Employees MSME Representative Govt. Officials
Course Fee : 0
Course Coordinators: Dr. Rachana Kumar

Workshop on Principles and Applications of Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) towards Emerging Contaminant Analysis
Date: 08/12/25-10/12/25 (03 Days)
Eligibility: M.Sc.
Course Fee : For Academic: Rs. 3,000/-
For Industry: Rs. 5,000/-
Course Coordinators: Dr. Sumana Y. Kollan, Dr. Ahlesh K. Yadav

Biostatistics for Beginners
Date: 16/12/25-19/12/25 (04 Days)
Eligibility: M.Sc. or Students Pursuing Research
Course Fee : For Academic: Rs.5,000/-
For Industry: Rs. 10,000/-
Course Coordinators: Dr. Ravi Ram Kristpat, Dr. Anura Satish, Dr. D. Ghosh

Environmental Impact and Risk Assessment
Date: 18/12/25-19/12/25 (02 Days)
Eligibility: B.Tech / M.Tech in Environmental/ Civil/Chemical/Mechanical Engineering Or M.Sc. in Environment/Chemistry/Physics/ Mathematics/Statistics/Computer Sci/ Life Sciences
Course Fee : For Academic: Rs. 2,000/-
For Industry: Rs. 4,000/-
Course Coordinators: Dr. B. Sreeranih, Dr. Abhay Raj, Dr. Jyotsna Singh

JANUARY 2026

Training program on SOI/EC 17025:2017 General requirements for the Competence of Testing and Calibration Laboratories
Date: 07/01/26-08/01/26 (02 Days)
Eligibility: B.Sc.
Course Fee : For Academic: Rs. 2,000/-
For Industry: Rs. 4,000/-
Course Coordinators: Dr. Rachana Kumar, Dr. Ahlesh K. Yadav, Dr. D. K. Patel

Fusion Transcripts & Chimeric RNAs: Predictive Bioinformatics for Cancer Diagnosis & Therapy
Date: 15/01/26-15/01/26 (01 Day)
Eligibility: B.Tech/M.Tech/M.Sc. in Life Science or related field
Course Fee : For Academic: Rs. 1,000/-
For Industry: Rs. 2,000/-
Course Coordinators: Dr. Sandeep Singh

Safety & Risk Assessment of Cosmetics & Personal Care Products
Date: 15/01/26-17/01/25 (02 Days)
Eligibility: B.Sc./M.Sc./Ph.D.
Course Fee : For Academic: Rs.2,000/-
For Industry: Rs. 4,000/-
Course Coordinators: Dr. Ashish Deldedi, Dr. A. B. Pant

Workshop on Nanomaterials Characterization
Date: 18/01/26-21/01/26 (03 Days)
Eligibility: M.Sc.
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 7,000/-
Course Coordinators: Dr. Ajik K. Pandey, Dr. Satyakam Patnaik, Dr. Nidhi Gupta

FEBRUARY 2026

Pre-Clinical Safety Testing for Regulatory Submission - An Overview
Date: Feb 2nd Week, 2026-Feb 3rd Week, 2026 (02 Weeks)
Eligibility: B.Sc. in Biological Science
Course Fee : For Academic: Rs. 5,000/-
For Industry: Rs. 12,000/-
Course Coordinators: Dr. Akshay Dwarakanath, Dr. Dharendra Singh

Training Program on Evaluation of Edible Oil as per IS:548
Date: 03/02/26-05/02/26 (03 Days)
Eligibility: B.Sc.
Course Fee : For Academic: Rs.3,000/-
For Industry: Rs. 5,000/-
Course Coordinators: Dr. Rachana Kumar

TO BE ANNOUNCED

Microbiological Water Safety: Sampling and Testing for Safety Management
Date: 02 Weeks
Eligibility: B.Sc./M.Sc. in Life Sciences, Biotechnology, Microbiology, Environmental Sciences, Environmental Microbiology, Biochemistry
Course Fee : For Academic: Rs. 10,000/-
For Industry: Rs. 15,000/-
Course Coordinators: Dr. Preeti Chaturvedi Bhargava

Workshop on High End Microscopy (TEM/SEM/Confocal)
Date: 02 Days
Eligibility: M.Sc.
Course Fee : For Academic: Rs.2,500/-
For Industry: Rs. 4,500/-
Course Coordinators: Dr. Ajik K. Pandey, Mr. Jai Shankar, Mrs. Nidhi

Essential Techniques and Biosafety in Microbiological Research Laboratory
Date: 03 Days
Eligibility: B.Sc.
Course Fee : For Academic: Rs. 3,000/-
For Industry: Rs. 4,000/-
Course Coordinators: Dr. Manoj Kumar

Workshop on Presentation Skills
Date: 01 Day
Eligibility: Bachelor's degree
Course Fee : For Academic: Rs.1,000/-
For Industry: Rs. 2,000/-
Course Coordinators: Dr. Ravi Ram Kristpat

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: 18,000.00 INR Mode: Offline</p>	<p>"Medical students Research Training"</p> <p>Course Code: MedSRT Duration: 15 days Dates: 11th - 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: 30,000.00 INR Mode: Offline</p>	<p>"Zebrafish Husbandry & Microinjection"</p> <p>Course Code: # Duration: 05 days Dates: 06th - 10th Jan' 2026 No. of Seats: 10-12 Fee: 18,000.00 INR Mode: Offline</p>
<p>"Genetic and Microbial Monitoring of Laboratory Animals"</p> <p>Course Code: GAMMA Duration: 05 days Dates: 08th - 12th Sep' 2025 No. of Seats: 10-12 Fee: 18,000.00 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: 18,000.00 INR Mode: Offline</p>
<p>"CCMB Microscopy Course - 2025"</p> <p>Course Code: CMC-2025 Duration: 03 days Dates: 04th - 06th Sep' 2025 No. of Seats: 10-12 Fee: 18,000.00 INR Mode: Offline</p>	<p>"Introduction to IPR & Patents"</p> <p>Course Code: IPRPAT Duration: 03 days Dates: Feb' 2026 No. of Seats: 10-12 Fee: 7,500.00 INR Mode: Hybrid</p>
<p>"Nanotheranostics for Biomedical Applications"</p> <p>Course Code: Nano Duration: 05 days Dates: 27th - 31st Oct' 2025 No. of Seats: 10-12 Fee: 18,000.00 INR Mode: Offline</p>	<p>"LC-MS based Proteomics"</p> <p>Course Code: PROTEO Duration: 05 days Dates: March' 2026 No. of Seats: 10-12 Fee: 18,000.00 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: Sponsored Mode: Offline</p>	<p>"Genome Editing in Rice"</p> <p>Course Code: # Duration: 06 days Dates: Mar' 2026 No. of Seats: 10-12 Fee: 18,000.00 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: 18,000.00 INR Mode: Offline</p>

Contact:
 Dr. Archana Bhardwaj Siva
 Chief Scientist
 Nodal Scientist - Skill Development Program
 CCMB, Hyderabad,
 Telangana - 500007
 E-mail us at: sdp.ccmb@csir.res.in

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SKILL DEVELOPMENT PROGRAMME

16th Feb to 27th Feb 2026

Under CSIR Integrated Skill Initiative CSIR-IICB offers 2 weeks training programme on courses-

- > Clinical Biochemistry, Microbiology, and Pathology Techniques for Biomedical applications
- > Advanced Bioinformatics
- > High-end equipments for clinical applications- Flow Cytometry
- > High-end equipments for clinical applications - Optical Microscopy
- > Separation Techniques (Organic molecules)
- > High Performance Liquid Chromatography
- > X-Ray Crystallography-Protein
- > X-Ray Crystallography-Small molecules
- > Molecular Cloning, Protein Expression and Structural Characterization
- > Real time RT-PCR
- > NMR Spectroscopy
- > Gas Chromatography-Mass Spectrometry
- > Liquid Chromatography-Mass Spectrometry
- > Techniques for 3D structure reconstruction from Cryo-EM dataset of biological samples
- > Basic Plant Tissue Culture

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/-

GENERAL EVENTS

सामान्य आयोजन

(Please click on the link to view the details)

- [IIT Palakkad signs MoU for minority skill development](#)
- [Toyota Kirloskar Motor's CSR Drive to Skill 800 Students in Karnataka's Auto Sector](#)
- [TNSDC to provide skill training to IMH's outpatients](#)
- [PM Modi meets Qualcomm CEO to discuss deeper tech ties, AI, semiconductor ambitions and skill development](#)
- [T.N. Higher Education Minister inaugurates skill development centre for differently abled students](#)
- [Skill development exhibition in Kalaburagi on October 11, 12](#)
- [Mahindra Opens Tractor Skill Development Centre in Gadchiroli for Rural Youth](#)
- [Cabinet approves Skill Development Policy, needs ₹4,432.5 crore for seven-year policy period](#)
- [Prime Minister Modi Facilitates All India ITI toppers at Kaushal Deekshant Samaroh](#)
- [Kiphire hosts awareness and registration drive for PM-NAPS](#)
- [Industry must invest more in training, academic institutions on skills: Experts](#)
- ['Mission Karmayogi' Training in Public Sector Banks Draws Criticism from Bank Employees Federation of India](#)
- [Jio Launches Free AI Classroom for Skill Development](#)
- [Director Sericulture Flags off Silkworm Rearers to Himachal Pradesh under Inter-State Farmers Training programme](#)
- [J&K sericulture farmers attend Himachal training](#)
- [Efforts under way to bridge skill gap between education and employment: Minister R. Bindu](#)
- [Toyota Kirloskar Motor Partners with Government of Karnataka to Strengthen Vocational Education in Automobile Sector](#)
- [Pune: Women At Dada Vaswani Skill Development Institute Brighten Homes And Lives This Diwali Through Skill Empowerment](#)
- [कुंजा ग्रांट में कौशल विकास प्रशिक्षण का समापन, सौ प्रतिभागियों को मिले प्रमाणपत्र](#)
- [कौशल विकास के लिए शिक्षकों को किया गया प्रशिक्षित](#)
- [कौशल विकास के माध्यम से किसानों को सशक्त बनाना](#)
- [बसना : 'कौशल विकास यात्रा 2025' से युवाओं को मिली एआई और नई तकनीकों की सीख](#)
- [प्रधानमंत्री श्री नरेन्द्र मोदी ने क्वालकॉम के अध्यक्ष और सीईओ से मुलाकात की; एआई नवाचार और कौशल विकास में भारत की प्रगति पर बातचीत की](#)
- [उत्तर प्रदेश कौशल विकास मिशन से आत्मनिर्भरता की ओर बढ़ते युवा, 18 लाख से अधिक को मिला प्रशिक्षण](#)
- [आईआईटी-पालक्काड ने अल्पसंख्यकों के कौशल विकास के लिए एक एमओयू पर हस्ताक्षर किए हैं। यह समझौता अल्पसंख्यकों के बीच हुनर बढ़ाने के लिए किया गया है। इससे उन्हें बेहतर रोजगार के अवसर मिलेंगे](#)
- [फुसरो के कौशल विकास केंद्र का निरीक्षण](#)
- [article | आईसेक्ट की कौशल रथ - कौशल विकास यात्रा का शुभारंभ](#)
- [हस्तशिल्प से लेकर टेक्नोलॉजी तक शानदार कमाई का मौका ! कैसे 'प्रधानमंत्री कौशल विकास योजना' बदल रही युवाओं की किस्मत।](#)
- [NSDC and Mercedes-Benz Launch IGNiTE 4.0 Skill Programme](#)
- [Udemy Release 2026 Global Learning & Skills Trends Report](#)
- [Inclusive Skilling: Why Equitable Access is the Future of Workforce Development](#)
- [WorldSkills General Assembly 2025 brings global skills community to Dubrovnik](#)
- [Vocational training in offset machine op and binding works launched](#)
- [Three Landmark Initiatives Unveiled at International Purple Fest](#)
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<https://www.csir.res.in/csir-labs-units>

<https://msde.gov.in>

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<https://ncvet.gov.in>

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CSIR-Human Resource Development Centre (Skill Nodal Office)

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

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



सीएसआईआर-मानव संसाधन विकास केंद्र (कौशल नोडल कार्यालय)

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कमला नेहरू नगर
गाजियाबाद- 201002 (यूपी) भारत

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

हमें फॉलो करें



(CSIR Integrated Skill Initiative)

Detailed Brochure

