

# CSIR SKILL BULLETIN

(A FORTNIGHTLY E-PUBLICATION)

सीएसआईआर कौशल पत्रक

(पाक्षिक ई-प्रकाशन)



## EDITORIAL UNIT

- Dr. Vinay Kumar
- Ms. Neeti Sagar
- Mr. Yogesh Kumar
- Dr. Debolina Ghosh
- Ms. Priya Rawat
- Ms. Kajal Singh

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## HIGHLIGHTS

- No. of SDP Conducted: 09
- No. of Participants Trained: 227
- No. of Upcoming Trainings: 12
- Skill Area Focus: 09
- Annual Skill Training Calendar: 6

### CSIR-NIIST



### CSIR-CBRI



### CSIR-CDRI



### CSIR-CRRI



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-NIIST**, Thiruvananthapuram conducted a two-week Skill Development Training Programme on **“Hands-on Training on Analytical Methods in Ayurveda Research”** during the period **04<sup>th</sup> - 15<sup>th</sup> May, 2026** under CSIR Integrated Skill Initiative (Phase-III). The programme provided participants with practical exposure to analytical techniques and instrumentation used in Ayurveda research. A total of **18** chemistry graduate students benefited from the training programme, which was inaugurated by Dr. C. Anandharamkrishnan, Director, CSIR-NIIST.



**CSIR-CECRI**, Karaikudi organized a one-week Skill Development Training Programme on **“Artificial Intelligence by using Microcontrollers”** during the period **18<sup>th</sup> - 22<sup>nd</sup> May, 2026** under the aegis of CSIR Integrated Skill Initiative (Phase -III). A total of **35** participants from different parts of the State attended this training programme. In this skill development course, the following topics were covered: 8051 Microcontroller, Introduction to Embedded C Programming, Hands on Experience on Embedded C Programming (Data Types, Bitwise Operators, Masking, Functions, Control Statements, Pointers and Structures), Cube IDE, Real-time Debugging, Memory Map and Bus Interface, Introduction to GPIO and Register Programming, UART communication protocol and Register programming, Hands on Experience by using STM32 Kit (Blinking LED, Register Programming, Relay Interfacing, DHT11-Temperature & Humidity Sensor).

**CSIR-CBRI**, Roorkee successfully organised a three-day Skill Development Training Program for professionals on the theme **“Termite and Pest Management in Buildings”** during the period **20<sup>th</sup> - 22<sup>nd</sup> May, 2026**. The inaugural session was conducted by Dr. Neeraj Jain, Nodal Officer, Integrated Skill Initiative & Head ODS and Dr. Rajesh Verma, Head BMES & Training Coordinator. The program witnessed the participation of nearly **32** officials and professionals from diverse sectors of the country. The training was sponsored by ENVU India (Principal Sponsor) and TermiPore (Co-Sponsor). Dr. Neeraj Jain welcomed all the dignitaries, resource persons and participants with a brief overview highlighting the importance of sustainable and scientific pest management practices in buildings.



**CSIR-CRRI**, New Delhi successfully conducted a training program on **“Pavement Evaluation Techniques & Applications for Maintenance & Rehabilitation”** during **18<sup>th</sup> - 22<sup>th</sup> May, 2026** sponsored by PWD, Madhya Pradesh Spearheaded by Director Dr. Ch. Ravi Sekhar. A total of **50** participants successfully completed this Programme

**CSIR-CGCRI**, Kolkata conducted a two-day Skill Development Training Programme on **“Terracotta Processing”** at **Duttapukur** from **20<sup>th</sup> - 21<sup>st</sup> May, 2026** as a part of the CSIR Integrated Skill Initiative Programme. **39** artisans and housewives actively participated in this programme.





**CSIR-IITR**, Lucknow successfully conducted a two-day workshop on **“DNA Isolation and PCR”** from **21<sup>st</sup> - 22<sup>nd</sup> May, 2026** under the Skill Development Program. The course coordinators for the workshop were Dr. Ravi Ram Kristipati and Mr. Abhinesh Chaubey. The workshop also marked the successful inauguration of the CSIR-Integrated Skill Initiative Phase III Programme for the financial year 2026-27. 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 **23** participants attended the workshop. The inaugural session was addressed by Dr Ravi Ram Kristipati (Nodal Scientist, Skill Development Program) and Mr Abhinesh Chaubey (Technical Assistant Non-Medical), who emphasised the importance of molecular biology techniques in scientific research and skill development.

**CSIR-NIO**, Goa organized a four-day skill training program titled **“Hands-on Training on Seawater Analysis”** from **11<sup>th</sup>-14<sup>th</sup> May, 2026** at the Skill Development Centre, CSIR-NIO, Goa. The program was designed to provide participants with comprehensive theoretical understanding and practical exposure to various analytical techniques used in marine and seawater quality assessment. A total of **14** participants attended this programme. The training program witnessed enthusiastic participation from students and researchers from different academic institutions who actively engaged in both theoretical and laboratory-based practical sessions. The Skill Training Program was coordinated by Dr. Rakhee Khandeparker (Skill Nodal & Senior Principal Scientist, Biological Oceanography Division) and Dr. Supriya Tilvi (Senior Principal Scientist, Chemical Oceanography Division).



**CSIR-CDRI**, Lucknow successfully conducted a Skill Development Programme on **“Pharmaceutical Product Development and Quality Control (SDP-PDQ)”** during **21<sup>st</sup> April - 15<sup>th</sup> May, 2026** under the CSIR Integrated Skill Initiative. The program focused on providing theoretical knowledge and practical training in pharmaceutical product development, analytical and bio-analytical techniques, quality control, formulation development, Pharmacokinetics, and regulatory aspects related to the pharma and life science industries. During the convocation ceremony, certificates were awarded to the successful participants who completed the training program. The dignitaries and course coordinators appreciated the active participation and dedication of the trainees throughout the course duration. A total of **10** participants successfully completed this programme.

**CSIR - CDRI**, Lucknow organised a four-week training program **“Pathological Tools & Techniques (PTT) for Biomedical Applications”** during the period **04<sup>th</sup> - 29<sup>th</sup> May, 2026**. During the convocation ceremony, certificates were distributed to all successful participants in recognition of their dedication and successful completion of the course. The training covered important topics such as histopathology, blood and urine analysis, microbiology, infection control, biomedical waste management, clinical pathology, molecular diagnostic techniques, and laboratory safety. A total of **6** participants successfully completed this programme.



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

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



सी.एस.आई.आर. - हिमालय 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 - 176 061 (Himachal Pradesh) INDIA

**CSIR- Integrated Skill Initiative (Phase-III)**  
 Applications are invited for the Course of

**Design and construct Vertical Garden**

Course Code: AGR/N0856, NSQF Level-4

A Design and construct Vertical Garden program, certified by the Agriculture Skill Council of India (ASCI). This OS unit is about planning, designing and construction of vertical gardens.

**Course Start Date: 15<sup>th</sup> June, 2026**

**Course Includes:**

- Design and construct Vertical Garden
- Carry out maintenance of the garden
- Maintain health and safety at the workplace

**Course-coordinator**  
**Dr. Bhavya Bhargava**  
**Nodal Skill Development Programme**  
**Dr. Gireesh 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**

**Contact us:**  
 Phone: +91-1894-233339 (Ext.) 318; 346  
 Fax: +91-1894-230433  
 Email: [skill.ihbt@csir.res.in](mailto:skill.ihbt@csir.res.in)  
 Website: [www.ihbt.res.in](http://www.ihbt.res.in)

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 Post Box. No. 06, Palampur - 176 061 (Himachal Pradesh) INDIA

**CSIR- Integrated Skill Initiative (Phase-III)**  
 Applications are invited for the Course of

**Floriculturist**

Course Code: AGR/Q0701, NSQF Level-4

A Floriculturist performs various activities in the process of cultivating flower crop such as selecting the site; preparing the field; propagating saplings in the nursery; transplanting the sapling, and maintaining the plants. The person is also responsible for carrying out harvesting, post-harvesting processing and marketing of the flower crop.

**Course Start Date: 15<sup>th</sup> June, 2026**

**Course Includes:**

- Prepare for the cultivation of flower crop
- Propagate flower plant saplings
- Harvest, transplant and maintain saplings to grow flowers
- Carry out harvesting and post harvest management of flower crop
- Engage in collective farming/activity
- Maintain health and safety at the workplace

**Course-coordinator**  
**Dr. Bhavya Bhargava**  
**Nodal Skill Development Programme**  
**Dr. Gireesh Nadda**

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 Post Box. No. 06, Palampur - 176 061 (Himachal Pradesh) INDIA

**CSIR- Integrated Skill Initiative (Phase-III)**  
 Applications are invited for the Course of

**Master Gardener**

Course Code: AGR/Q0801, NSQF Level-4

A Master Gardener is responsible for planting and maintaining lawns and gardens in private and public properties such as homes, parks and hotels. The individual uses a variety of tools and equipment for this purpose and carries out their basic repair and maintenance also.

**Course Start Date: 15<sup>th</sup> June, 2026**

**Course Includes:**

- Raise saplings in the nursery for transplanting in the garden
- Prepare a plan to set up the garden
- Set up the garden as per the plan
- Carry out maintenance of the garden
- Maintain health and safety at the workplace
- Design, set up and maintain a rooftop garden

**Course-coordinator**  
**Dr. Bhavya Bhargava**  
**Nodal Skill Development Programme**  
**Dr. Gireesh 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**

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 Website: [www.ihbt.res.in](http://www.ihbt.res.in)

**CSIR-CCMB**  
 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 : 06 - 10<sup>th</sup> 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/RICE-1](http://recruitment.ccmb.res.in/training_programs/sdp/RICE-1)  
 Course Code :

**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. Hitenra Kumar Patel  
 Scientist-F  
 Crop Improvement Lab  
 CSIR-CCMB, Hyderabad.

**Program Coordinator:**  
 Dr. Archana Bhardwaj Siva  
 Scientist-G  
 Nodal Scientist-Skill Development Program  
 CSIR-CCMB, Hyderabad.  
[sdp.ccmb@csir.res.in](mailto:sdp.ccmb@csir.res.in)

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 Website: [www.ihbt.res.in](http://www.ihbt.res.in)

## Skill Development Program On "Introduction to IPR and Patents"

23rd – 25th June 2026

Patent

Copyright

Trademarks

Design

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

No. of seats	10-12
Minimum Qualification	Bachelors in any branch of Life Science /Allied areas
Dates	23 <sup>rd</sup> – 25 <sup>th</sup> June 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	<a href="http://recruitment.cmb.res.in/training_programs/sdp/IPRPAT-3">http://recruitment.cmb.res.in/training_programs/sdp/IPRPAT-3</a>
Course Code	

**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  
Scientist-G  
Nodal Scientist-Skill Development Program  
CSIR-CCMB, Hyderabad.  
[sdp.cmb@csir.res.in](mailto:sdp.cmb@csir.res.in)

Scan to Apply





**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](mailto: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**

Hands-on Training

Expert Guidance

Analytical Skills

Industry Relevance

Certification

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



**CSIR-NCL SKILL DEVELOPMENT PROGRAM**  
<https://nclsdp.ncl.res.in/>



## SINGLE CRYSTAL XRD (X-ray Diffraction)

FOR CRITICAL TO KNOWLEDGE

**HANDS-ON LEARNING  
REAL IMPACT**



**ABOUT COURSE**

Single Crystal X-Ray Diffraction (SCXRD) is a powerful technique used for determining the three-dimensional structure of crystalline materials at atomic resolution. It plays a crucial role in chemistry, materials science, and pharmaceutical, this course provides in-depth theoretical knowledge along with extensive hands-on training on SCXRD instrumentation, crystal handling, data collection, and structure analysis.

**WHY CHOOSE US**

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

**COURSE CONTENT**

- Introduction to X-ray Diffraction
- Basics of Crystallography
- Working principle of SCXRD instrument
- Crystal selection & mounting techniques
- Data collection & processing
- Structure solution & refinement
- Interpretation of crystallographic data
- Report preparation and troubleshooting

**COURSE DETAILS**

Duration - 5 Weeks  
Dates - 01<sup>st</sup> June to 30<sup>th</sup> June 2026  
Seats - Max 5  
Eligibility - M.Sc (Completed), M Pharm (Completed), PhD (Pursuing/Completed)

**Course Fees :**

Students ₹ 11,800  
Faculty ₹ 23,600  
Industrial Professionals ₹ 47,200/-  
(The fees stated include 18% GST)

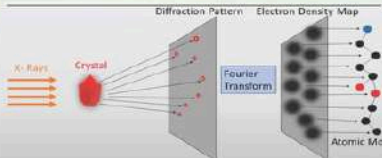
**FOR WHOM**

- Students
- Academic Researchers
- Industrial Professionals

**HOW TO APPLY**

Application form is available at - <http://www.ncl.res.in/ncsdp/ncsdp/Default.aspx>  
<https://nclsdp.ncl.res.in/>  
ncl.sdc.ncl@csir.res.in

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



**Single Crystal X-ray Diffraction**



**CSIR INTEGRATED SKILL INITIATIVE**



## QUALITY CONTROL CHEMIST COURSE

**WHY CHOOSE US**

Here is the reason why

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

**COURSE CONTENT**

- Basic of Laboratory safety guidelines
- Hands-on introduction to FTIR, NMR, and DLS (Particle Size Analysis)
- Chromatographic techniques: HPLC, GC, GC-MS, and LC-MS
- Solubility and dissolution testing
- USP/EP protocols, method development, validation, and manufacturing
- Qualitative and quantitative analysis
- Instrument operation and analytical software training
- Introduction to PARO (Particle X-Ray Diffraction)
- Hands-on Practice | Real Sample | Real Impact

**ABOUT COURSE**

Quality Control is essential to ensure the desired quality of pharmaceutical products. The role of a Quality Control Chemist is a multifaceted one in both manufacturing and research environments. Quality is maintained through qualitative and quantitative testing methods, supported by the Quality Assurance unit with the support of defined QC chemistry. They design test protocols, determine sample sizes, and maintain accurate raw data and documentation. Quality control is enhanced from the raw material stage to the finished product, strictly following established Standard Operating Procedures (SOPs) while meeting requirements for every critical programme. Fundamental laboratory analyses ensure the highest of every quality control program.

**COURSE COORDINATOR**

Dr. Rajesh G. Gonnade  
Chief Scientist,  
Physical & Materials  
Chemistry Division

**COURSE FEES**

Students - 10,600/-  
Faculty - 12,200/-  
Industrial Professional - 29,500/-  
(The fees stated include 18% GST)

**HOW TO APPLY**

Application form is available at - <https://www.ncl.res.in/ncsdp/ncsdp/Default.aspx>  
<https://nclsdp.ncl.res.in/>  
ncl.sdc.ncl@csir.res.in

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

**KEY LEARNING OUTCOMES**

- Advanced Analytical Skills
- Method Validation & Compliance
- Data Interpretation & Reporting
- Quality Standards & Regulatory Knowledge
- Industry Ready for Global Opportunities

**TEST with Precision**

**THINK with Science**

**DELIVER Quality**




**WORKSHOP ON SDS-PAGE & WESTERN BLOTTING**

"By the Students, For the Students"

**18.06.26 - 19.06.26 (2 DAYS)**

**Program Coverage**

- Hands-on training
- Protein Sample Preparation
- Casting of gradient gel
- SDS-gel electrophoresis
- Semidry transfer
- Documentation and Analysis

**REGISTRATION FEE:**  
For Academia- Rs. 2000/-  
For Industry- Rs. 4000/-

**ELIGIBILITY: B.Sc./M.Sc.**

**Last Date of Registration: 07.06.26**

**Course Coordinators**

**Dr. Ravi Ram Kristipati (Scientist G)**  
**Ms. Amrapali (CSIR - SRF)**

**STUDENT COORDINATORS**

**Aastha Chandra (Project Associate-1): 9565973668**  
**Dr. Ravi Ram Kristipati (Nodal Scientist): 9307449236**

**Venue**  
CSIR - IITR  
M.G. Marg, LUCKNOW

**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.

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

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

**SCAN HERE FOR PAYMENT**

**CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH, (CSIR-IITR) VISHVIGYAN BHAWAN, 11 MAHATMA GANDHI MARG, LUCKNOW-226001**



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

**SKILL DEVELOPMENT PROGRAM ON**


**Microscopic and Diffraction Techniques for Materials Characterization**

**What You'll Explore:**

- Microscopic Marvels:** Exploring the hidden microscopic world through techniques like Transmission Electron Microscopy (TEM), Scanning Electron Microscopy (SEM), Atomic Force Microscopy (AFM), and Optical Polarizing Microscopy (OPM). Witness the intricate structures of materials with clarity and precision.
- Crystal Clarity:** The realm of crystallography with Powder X-ray Diffraction (PXRD) and Single Crystal X-ray Diffraction (SXRD). Learn to decipher the atomic arrangements of crystals, unlocking their secrets with finesse.

**Our training program is meticulously crafted to introduce you to the fundamental principles and practical applications of microscopic and diffraction techniques, which are essential for unravelling the mysteries of materials.**

**TEM**



Transmission Electron Microscope

**SEM**



Scanning Electron Microscope

**AFM**



Atomic Force Microscope

**PXRD**



Powder X-ray Diffractometer

**Rigaku Synergy S**



Single Crystal X-ray Diffractometer

**Optical Microscope with Hot Stage**



Optical Microscope with Hot Stage Set-up

**Interactive Sessions:** Engage in lively discussions and interactive sessions designed to deepen your understanding of complex concepts.

**Cutting-Edge Facilities:** Access state-of-the-art equipment and facilities that simulate real-world scenarios, ensuring a seamless learning experience.

**Networking Opportunities:** Connect with fellow participants and experts, fostering valuable collaborations and expanding your professional network.

**Why Choose This Course?**

**Practical Learning:** Training sessions that blend theory with real-world application. Gain confidence as you navigate through practical experiments under expert guidance.

**Career Advancement:** Equip yourself with skills highly valued in both academic research and industrial settings. Expand your career opportunities and make significant strides towards your professional goals.

**Course Details**  
Date: 08<sup>th</sup> to 19<sup>th</sup> June 2026  
Course Fee: Rs. 8,000/-

**ACCOUNT DETAILS**  
The Director, CSIR-NIIST  
Account No: 6704723825  
IFSC Code: SBIN0070030  
Bank: State Bank of India (SBI)  
Address: Pappanamcode, Industrial Estate

**Course Experts:**  
Dr. Biswapriya Deb, Dr. Adersh Asok, Dr. Praveen V. K., Dr. Satyajith Shukla, Dr. Surendran K. P., Dr. Sunil Varughese, Dr. Subrata Das, Mr. Chandrakanth C. K., Mr. Kiran Mohan, Mr. Harish Raj V.

**Course Coordinators:**  
Dr. Biswapriya Deb  
Dr. Sunil Varughese

**Contact:**  
PHONE: 0471-2515411  
E-mail: sdp.niist@csir.res.in

**APPLY ONLINE:** <http://sdp.niist.res.in>

**CSIR Integrated Skill Initiative Program**

Certificate course on

**Computational Approaches to Drug Design & Development (CAD)**

17<sup>th</sup> August 2026 to 25<sup>th</sup> September, 2026

**Salient Features of the Training**

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



**Key Focus Areas**

COMPUTER-AIDED DRUG DESIGN, MOLECULAR MODELLING, PROTEIN DOCKING & SIMULATION, AI & MACHINE LEARNING, BIOINFORMATICS & CHEMINFORMATICS, 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-CDBL Lucknow

**Course Coordinator**  
Dr. M. I. Siddiqi (Email: [mi.siddiqi.cdbi@csir.res.in](mailto:mi.siddiqi.cdbi@csir.res.in))

**Admission Open**

**Last Date to apply**  
21<sup>st</sup> July, 2026

**Visit For Registration & Details**

Phone: 0522-277057  
Email: [sdp@cdri.res.in](mailto:sdp@cdri.res.in)  
Website: [www.cdri.res.in](http://www.cdri.res.in)  
Address: CSIR-Centre for Bioinformatics & Computational Biology, Sector 10, Jhansi Road, Lucknow-226001 (Uttar Pradesh)

**SKILL DEVELOPMENT PROGRAM ON**

**MECHANICAL TESTING AND THERMAL CHARACTERIZATION**

**WHO CAN ATTEND?**

- Undergraduate and postgraduate students in Materials, Mechanical, Physic, Chemistry, Nanotechnology, Polymer and Metallurgical Engineering
- Research scholars working in material design, testing, or characterization
- Industry professionals involved in product development, thermal characterization and failure analysis

**EXPOSURE AND COURSE OUTCOMES**

- Tensile, compression, hardness, wear and impact testing
- Thermal analysis (DSC, TGA, DTA, TMA), thermal conductivity and heat-capacity measurements
- Data interpretation and data analysis

**CONTACT DETAILS**  
+91-9735466880  
sdp@niist.res.in

**APPLY NOW!**  
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**CSIR - IMMT SKILL DEVELOPMENT PROGRAMME  
TRAINING CALENDAR 2026-27**

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Industrial +B2C22Automation using PLC, HMI and SCADA	16th - 17th Apr, 2026
2	Arduino Based Electronics Design	18th - 22nd May, 2026
3	Advanced Electrochemical Techniques & Characterization for Energy Applications	25th - 26th May, 2026
4	Advance Machining and Advance Welding	4th - 8th May, 2026
5	Metal working, heat-treatment and properties evaluation	28th - 30th May, 2026
6	Build Innovations and Generate IP (BIG IP)	20th - 22nd May, 2026
7	Advance Machining and Advance Welding	8th - 12th June, 2026
8	Degradation of engineering materials: Fundamentals, Testing, and Prevention	15th - 19th June, 2026
9	Generating Innovations & Fueling Technologies / Transformation - IP interface (IP GIFT)	22nd - 24th June, 2026
10	Full Stack Core PHP Development	1st - 5th June, 2026
11	LabVIEW Fundamentals and Advanced Techniques: A Practical Workshop	6th - 10th July, 2026
12	Generate, Realise, Attribute/Advance & Build - IP interface (GRAB IP)	20th - 22nd July, 2026
13	Skill development programme on Battery Recycling and Mineral Recovery	6th - 11th July, 2026
14	Advance Machining and Advance Welding	3th - 7th Aug, 2026
15	Powder Metallurgy Processing and Characterization of Materials	17th - 21st Aug, 2026
16	Matlab Programming for Scientists and Researchers	17th - 21st Aug, 2026
17	Market Oriented Research & Entrepreneurship - IP interface (MORE IP)	20th - 21st Aug, 2026
18	Graphic & Web Design Essentials	10th - 14th Aug, 2026
19	Boosting Entrepreneurship from Science & Technology - IP interface (BEST IP)	9th - 11th Sept, 2026
20	Biophysical Study on Metal-Macromolecular Interaction	21st - 25th Sept, 2026
21	Hands-on-training on the synthesis of semiconductor nanomaterials by chemical coprecipitation method	17th - 18th Sept, 2026
22	Machine Learning: Concept and Programming	5th - 9th Oct, 2026
23	Appropriate Technologies for Rural Development at Nabarangpur	7th - 8th Oct, 2026
24	Science & Technology Oriented Research for You - IP interface (IP STORY)	28th - 30th Oct, 2026

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

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
25	Biochar for Environment and Agriculture	15th - 16th Oct, 2026
26	Skill Development Program on Advanced electron microscopy	16th - 20th Nov, 2026
27	Mechanical Characterization & Non-destructive Evaluation of Materials	4th - 6th Nov, 2026
28	Two-Day Hands-on Training Program on Impactful Research Paper Writing and Effective Funding Proposal Preparation	11th - 12th Nov, 2026
29	Generate & Own IP (GO IP)	12th - 13th Nov, 2026
30	Advance Machining and Advance Welding	16th - 20th Nov, 2026
31	Industrial Instrumentation: Practical Skills for Real-World Applications	2nd - 6th Nov, 2026
32	Hands on training programme on FESEM-EDS	17th - 18th Dec, 2026
33	Creative Attributions and Mapping Productivity - IP interface (IP CAMP)	21st - 22nd Dec, 2026
34	Battery materials and recycling Phase 1 and Phase 2	7th - 11th Dec, 2026
35	Biophysical and Microbiological Techniques in Biotechnology (BMT- 2027)	21st - 23rd Jan, 2027
36	Skill Development Program on Advanced techniques of Materials Characterizations	4th - 8th Jan, 2027
37	Finding Attributions & Creating Technology Opportunities from Research for Youth - IP interface (IP FACTORY)	7th - 9th Jan, 2027
38	Sustainable Materials for Technological Applications	27th - 29th Jan, 2027
39	Appropriate Technologies for Rural Development at Bhubaneswar	03rd - 04th Feb, 2027
40	Build Research, Achieve Innovation and Navigate through IP (IP BRAIN)	22nd - 24th Feb, 2027
41	Biochar from Waste Biomass	25th - 26th Feb, 2027
42	Preventive Maintenance & Troubleshooting of Thermal and Laboratory Equipment	15th - 17th Feb, 2027
43	Navigating Opportunities for Wealth through IP	04th - 05th Mar, 2027

**CSIR - IICB SKILL DEVELOPMENT PROGRAMME  
ANNUAL TRAINING CALENDAR 2026-27**

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Separation techniques for organic molecules	08th June - 19th June 2026
2	Gas Chromatography Mass Spectrometry	08th June - 19th June 2026
3	NMR spectroscopy	08th June - 19th June 2026
4	Real Time RT-PCR	15th June - 19th June 2026
5	X-ray crystallography-Small molecules	08th June - 19th June 2026
6	High-end equipments for clinical applications-Optical Microscopy	08th June - 19th June 2026
7	High-end equipments for clinical applications-Flow Cytometry	08th June - 19th June 2026
8	Advanced Bioinformatics	08th June - 19th June 2026
9	Clinical Biochemistry, Microbiology & Pathology Techniques for biomedical Applications	08th June - 19th June 2026
10	Basic Plant Tissue Culture Technique	08th June - 19th June 2026
11	Molecular Cloning, Protein Expression and Structural Characterization	08th June - 19th June 2026
12	Liquid Chromatography-Mass Spectrometry	08th June - 19th June 2026
13	Technique for 3D structure reconstruction from Cryo EM dataset of biological samples	08th June - 19th June 2026
14	protein X-ray crystallography	08th June - 19th June 2026
15	Separation techniques for organic molecules	7th Sept - 18th Sept 2026
16	Gas Chromatography Mass Spectrometry	7th Sept - 18th Sept 2026
17	NMR spectroscopy	7th Sept - 18th Sept 2026
18	Real Time RT-PCR	14th Sept - 18th Sept 2026
19	X-ray crystallography-Small molecules	7th Sept - 18th Sept 2026
20	High-end equipments for clinical applications-Optical Microscopy	7th Sept - 18th Sept 2026
21	High-end equipments for clinical applications-Flow Cytometry	7th Sept - 18th Sept 2026

**CSIR - IICB SKILL DEVELOPMENT PROGRAMME  
ANNUAL TRAINING CALENDAR 2026-27**

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
22	Advanced Bioinformatics	7th Sept - 18th Sept 2026
23	Clinical Biochemistry, Microbiology & Pathology Techniques for biomedical Applications	7th Sept - 18th Sept 2026
24	Basic Plant Tissue Culture Technique	7th Sept - 18th Sept 2026
25	Molecular Cloning, Protein Expression and Structural Characterization	7th Sept - 18th Sept 2026
26	Liquid Chromatography-Mass Spectrometry	7th Sept - 18th Sept 2026
27	Techniques for 3D structure reconstruction from Cryo EM dataset of biological samples	7th Sept - 18th Sept 2026
28	protein X-ray crystallography	7th Sept - 18th Sept 2026
29	Separation techniques for organic molecules	15th Feb - 26th Feb 2027
30	Gas Chromatography Mass Spectrometry	15th Feb - 26th Feb 2027
31	NMR spectroscopy	15th Feb - 26th Feb 2027
32	Real Time RT-PCR	22th Feb - 26th Feb 2027
33	X-ray crystallography-Small molecules	15th Feb - 26th Feb 2027
34	High-end equipments for clinical applications-Optical Microscopy	15th Feb - 26th Feb 2027
35	High-end equipments for clinical applications-Flow Cytometry	15th Feb - 26th Feb 2027
36	Advanced Bioinformatics	15th Feb - 26th Feb 2027
37	Clinical Biochemistry, Microbiology & Pathology Techniques for biomedical Applications	15th Feb - 26th Feb 2027
38	Basic Plant Tissue Culture Technique	15th Feb - 26th Feb 2027
39	Molecular Cloning, Protein Expression and Structural Characterization	15th Feb - 26th Feb 2027
40	Liquid Chromatography-Mass Spectrometry	15th Feb - 26th Feb 2027
41	Techniques for 3D structure reconstruction from Cryo EM dataset of biological samples	15th Feb - 26th Feb 2027
42	protein X-ray crystallography	15th Feb - 26th Feb 2027



### CSIR - CEERI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Advance Industrial IoT	01st Apr - 01st May, 2026
2	PCB design, fabrication and testing	06th - 11th Apr, 2026
3	Embedded system hands-on training	13th - 19th Apr, 2026
4	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	14th - 15th Apr, 2026
5	Advance Industrial IoT	11th May, 2026
6	PCB design, fabrication and testing	18th May, 2026
7	Embedded system hands-on training	25th May, 2026
8	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	19th May, 2026
9	45 Days Industrial training	15th May - 28th June, 2026
10	Advance Industrial IoT	12th June, 2026
11	PCB design, fabrication and testing	19th June, 2026
12	Embedded system hands-on training	26th June, 2026
13	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	22nd June, 2026
14	Hands-on Training on PLC	12th June, 2026
15	Semiconductor high impact learning program (SHILP)	13th - 27th July, 2026
16	Advance Industrial IoT	20th July, 2026
17	PCB design, fabrication and testing	26th July, 2026
18	Embedded system hands-on training	27th July, 2026
19	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	31st July, 2026
20	Hands-on Training on PLC	20th - 26th July, 2026
21	Semiconductor high impact learning program (SHILP)	3rd Aug, 2026
22	Advance Industrial IoT	20th Aug, 2026
23	PCB design, fabrication and testing	26th Aug, 2026
24	Embedded system hands-on training	31st Aug, 2026
25	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	12th Aug, 2026

### CSIR - CEERI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
26	Hands-on Training on PLC	20th Aug, 2026
27	Hands on training on Smart Farming	24th - 30th Aug, 2026
28	courses on VLSI	26th - 28th Aug, 2026
29	Semiconductor high impact learning program (SHILP)	07th Sep, 2026
30	Advance Industrial IoT	21st Sep, 2026
31	PCB design, fabrication and testing	28th Sep, 2026
32	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	17th Sep, 2026
33	Hands-on Training on PLC	21st Sep, 2026
34	SDP on THz technologies	21st - 27th Sep, 2026
35	Vigyan Gaan ki Aar	19th - 20th Sep, 2026
36	Semiconductor high impact learning program (SHILP)	05th Oct, 2026
37	Advance Industrial IoT	21st Oct, 2026
38	PCB design, fabrication and testing	28th Oct, 2026
39	Embedded system hands-on training	21st Oct, 2026
40	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	15th Oct, 2026
41	SDP on AI/ML	10th Oct, 2026
42	Embedded system hands-on training	05th Oct, 2026
43	Hands-on Training on PLC	12th Oct, 2026
44	Semiconductor high impact learning program (SHILP)	02nd Nov, 2026
45	Advance Industrial IoT	23rd Nov, 2026
46	Embedded system hands-on training	30th Nov, 2026
47	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	04th Nov, 2026
48	SDP on AI/ML	07th Nov, 2026
49	SDP on Analytical Equipments	08th - 14th Nov, 2026

### CSIR - CEERI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
50	Hands-on Training on PLC	23 Nov, 2026
51	Semiconductor high impact learning program (SHILP)	07th Dec, 2026
52	Advance Industrial IoT	24th Dec, 2026
53	PCB design, fabrication and testing	09th Dec, 2026
54	Embedded system hands-on training	31st Dec, 2026
55	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	11th Dec, 2026
56	SDP on THz technologies	32th Dec, 2026
57	SDP on Analytical Equipments	21st Dec, 2026
58	Hands-on Training on PLC	24th Dec, 2026
59	Semiconductor high impact learning program (SHILP)	04th Jan, 2027
60	Advance Industrial IoT	25th Jan, 2027
61	PCB design, fabrication and testing	25th Jan, 2027
62	SDP on Analytical Equipments	10th Jan, 2027
63	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	10th Jan, 2027
64	courses on VLSI	09th Jan, 2027
65	Semiconductor high impact learning program (SHILP)	08th Feb, 2027
66	Advance Industrial IoT	26th Feb, 2027
67	Hands-on Training on PLC	01st Feb, 2027
68	Embedded system hands-on training	08th Feb, 2027
69	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	17th Feb, 2027
70	Semiconductor high impact learning program (SHILP)	01st Mar, 2027
71	Advance Industrial IoT	29th Mar, 2027
72	PCB design, fabrication and testing	08th Mar, 2027
73	Embedded system hands-on training	05th Mar, 2027
74	One/two days immersive workshop covering ATMP/Analytical equipments Familiarization	24th Mar, 2027
75	Hands-on Training on PLC	22nd Mar, 2027

### CSIR - CCMB SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Skill Development+B2C20st Program on "Project Based Student Training Programme"	01st - 30th Apr, 2026
2	Skill Development Training Program on "Introduction to IPR & Patents"	23rd - 25th June, 2026
3	Skill Development Training Program on "Basic Techniques in Animal Cell Culture"	29th June - 03rd July, 2026
4	Skill Development Training Program on "Rice Re-Imagined: Hands on Genome Editing Masterclass"	08th - 10th July, 2026
5	Skill Development Training Program on "LC-MS based Proteomics"	20th - 25th July, 2026
6	Skill Development Training Program on "Molecular Cloning and Protein Expression"	27th July - 22nd August, 2026
7	Skill Development Program on "Project Based Student Training Programme"	1st - 31st July 2026
8	Skill Development Program on "Environmental DNA & its Applications"	31st Aug - 03rd Sep, 2026
9	Skill Development Program on "Wildlife DNA Forensics"	07th - 12th Sep, 2026
10	Skill Development Program on "CCMB Microscopy Course - 2026"	07th - 12th Sep, 2026
11	Skill Development Program on "Genetic and Microbial Monitoring of Laboratory Animals"	05th - 13th Oct, 2026
12	Skill Development Program on "Project Based Student Training Programme"	01st - 31st Oct, 2026
13	Skill Development Program on "Engineering Zebrafish with CRISPR Tools"	26th Oct - 07th Nov, 2026
14	Skill Development Program on "Advanced Biophysical tools for Protein-DNA/ Biomolecular Interactions"	16th - 20th Nov, 2026
15	Skill Development Program on "Identification of Medicinal and Herbal Plant Using DNA-Barcode Analysis"	30th Nov - 04th Dec, 2026
16	Skill Development Program on "Medical students Research Training"	07th - 19th Dec, 2026
17	Skill Development Program on "Project Based Student Training Programme"	01st - 31st Jan, 2027
18	Skill Development Program on "Nanotechnology for Biomedical Applications"	18th - 22nd Jan, 2027
19	Skill Development Program on "R for Biologists"	01st - 05th Feb, 2027



### CSIR - IHBT SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Medicinal and Aromatic Plants Grower (Course Code- AGR/Q0901, NSQF Level-04)	20th Apr - 10th June, 2026
2	Bamboo Cultivator (Course Code- AGR/Q6101, NSQF Level-03)	29th April - 2nd June, 2026
3	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	29th April - 17th June, 2026
4	Bamboo Work Artisan (Course Code- HCS/Q8702, NSQF Level-03)	13th May - 1st July, 2026
5	Beekeeper (Course Code- AGR/Q5301, NSQF Level-03)	19th May- 22nd June, 2026
6	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	1st June - 20th July, 2026
7	Herb Grower (Course Code- AGR/Q0903, NSQF Level-02)	2nd June- 29th June, 2026
8	Basics of High-Performance Liquid Chromatography (HPLC) Analysis (Course Code- LFS/N0361, NSQF Level-5.5)	2nd June- 14th June, 2026
9	Biologist/Biotechnologist (Course Code- LFS/Q4101, NSQF Level-05)	3rd June - 10th August, 2026
10	Bamboo Cultivator (Course Code- AGR/Q6101, NSQF Level-03)	10th June - 14th July, 2026
11	Floriculturist (Course Code- AGR/Q0701, NSQF Level-04)	15th June - 3rd August, 2026
12	Design and Construct Vertical Garden (Course Code- AGR/N0856, NSQF Level-04)	15th - 20th June, 2026
13	Master Gardener (Course Code- AGR/Q0801, NSQF Level-04)	15th June - 3rd August, 2026
14	Chemical Laboratory Technology (Course Code- LFS/Q0314, NSQF Level-4.5)	8th July - 10th September, 2026
15	Bamboo Cultivator (Course Code- AGR/Q6101, NSQF Level-03)	22nd July - 25th August, 2026
16	Basics of High-Performance Liquid Chromatography (HPLC) Analysis (Course Code- LFS/N0361, NSQF Level-5.5)	4th - 16th August, 2026
17	Bamboo Work Artisan (Course Code- HCS/Q8702, NSQF Level-03)	5th August - 23rd September, 2026
18	Bioinformatics Associate/Analyst (Course Code- LFS/Q3904, NSQF Level-05)	16th August - 19th October, 2026
19	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	18th August - 6th October, 2026
20	Chemical Laboratory Technology (Course Code- LFS/Q0314, NSQF Level-4.5)	8th September - 11th November, 2026
21	Design and Construct Vertical Garden (Course Code- AGR/N0856, NSQF Level-04)	18th September - 23rd September, 2026
22	Beekeeper (Course Code- AGR/Q5301, NSQF Level-03)	22nd September - 26th October, 2026
23	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	22nd September - 9th November, 2026
24	Floriculturist (Course Code- AGR/Q0701, NSQF Level-04)	4th October - 22nd November, 2026

### CSIR - IHBT SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
25	Master Gardener (Course Code- AGR/Q0801, NSQF Level-04)	4th October - 22nd November, 2026
26	Medicinal and Aromatic Plants Grower (Course Code- AGR/Q0901, NSQF Level-04)	12th October - 30th November, 2026
27	Vermicompost Producer (Small Unit) (Course Code- AGR/Q1209, NSQF Level-02)	13th October - 23rd November, 2026
28	Pesticide and Fertilizer Applicator (Course Code- AGR/Q1202, NSQF Level-2.5)	13th October - 16th November, 2026
29	Herb Grower (Course Code- AGR/Q0903, NSQF Level-02)	21st October - 16th November, 2026
30	Bamboo Work Artisan (Course Code- HCS/Q8702, NSQF Level-03)	18th November - 5th January, 2027
31	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	4th November - 23rd December, 2026
32	Essential Oil Extractor (Course Code- AGR/Q0902, NSQF Level-03)	19th November - 23rd December, 2026
33	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	5th January - 23rd February, 2027
34	Basics of High-Performance Liquid Chromatography (HPLC) Analysis (Course Code- LFS/N0361, NSQF Level-5.5)	5th January - 17th January, 2027
35	Biologist/Biotechnologist (Course Code- LFS/Q4101, NSQF Level-05)	12th January - 21st March, 2027
36	Medicinal and Aromatic Plants Grower (Course Code- AGR/Q0901, NSQF Level-04)	12th January - 2nd March, 2027
37	Master Gardener (Course Code- AGR/Q0801, NSQF Level-04)	19th January - 9th March, 2027
38	Floriculturist (Course Code- AGR/Q0701, NSQF Level-04)	19th January - 9th March, 2027
39	Design and Construct Vertical Garden (Course Code- AGR/N0856, NSQF Level-04)	19th January - 24th January, 2027
40	Herb Grower (Course Code- AGR/Q0903, NSQF Level-02)	5th January - 31st January, 2027
41	Essential Oil Extractor (Course Code- AGR/Q0902, NSQF Level-03)	21st January - 24th February, 2027
42	Plant Tissue Culture Technician (Course Code- AGR/Q8101, NSQF Level-04)	23rd March - 11th May, 2027
43	Biologist/Biotechnologist (Course Code- LFS/Q4101, NSQF Level-05)	3rd March - 10th May, 2027

### CSIR - IIM 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 Program on Plant Tissue Culture Techniques	15th - 17th Apr, 2026
2	NCVET approved Skill Development Job Role on Lab Technician	11th May - 31st July, 2026
3	Hands on Training Program on Biomedical Research & Drug Discovery (Biological assays/cell based & mice experiments)	20th - 22nd May, 2026
4	NCVET approved Skill Development Job Role on HPLC (Analyst/Chemist QC HPLC)	11th May - 31st Oct, 2026
5	NCVET approved Skill Development Job Role on Research Associate API synthesis and Medicinal Chemistry	11th May - 31st Aug, 2026
6	Skill Development Training Program On Laboratory Animal Techniques For Preclinical Experiments	10th - 12th June, 2026
7	Skill Development Program On Downstream Processing Of Medicinal & Aromatic Plants. (Extraction, GC & HPLC Techniques)	17th - 19th June, 2026
8	NCVET approved Skill Development Job Role on Production Machine Operator	01st June - 31st Sep, 2026
9	Research and Training Program in Natural products and medicinal chemistry.	01st June - 31st Nov, 2026
10	NCVET approved Skill Development Job Role on GC (Analyst/Chemist QC GC)	06th - 08th July, 2026
11	Skill Development Training Program on Upstream and Downstream Processing of Industrially Important Products	15th - 17th July, 2026
12	Research and Training Program in plant sciences and agriculture.	01st July - 31st Oct, 2026
13	Research and Training Program in infectious diseases.	01st July - 31st Sep, 2026
14	Skill Development Program on AI in Health and Agriculture	04th - 06th Aug, 2026
15	NCVET approved Skill Development Job Role on HPLC (Analyst/Chemist QC HPLC)	01st Aug 2026 - 30th Jan, 2027
16	NCVET approved Skill Development Job Role on GC (Analyst/Chemist QC GC)	01st Sep, 2026 - 24th Feb, 2027
17	NCVET approved Skill Development Job Role on Research Associate- Pharma & Biological Products: API Synthesis & Medicinal Chemistry	01st Sep - 30th Dec, 2026
18	NCVET approved Skill Development Job Role on Production Machine Operator Non-Sterile Formulation: Granulation, Packaging (Tablets & Capsules)	01st Oct 2026 - 30th Mar, 2027
19	NCVET approved Skill Development Job Role on Lab Technician - Pharma, Biologics and Medical Devices: Wet Lab	15th Oct 2026 - 15 Jan, 2027
20	Skill Development Training Program on Advanced Techniques in Industrial Microbiology	03rd - 05th Nov, 2026

### CSIR - IIM SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
21	Skill Development Training Program on Value Addition, Processing & PHT in MAPs	25th - 27th Nov, 2026
22	Skill Development Program on Informatics in Drug Discovery	07th - 09th Dec, 2026
23	Skill Development Training Program on Real Time-PCR	16th - 18th Dec, 2026
24	Research & Training Program in pharmacology.	01st Dec 2026 - 31st May, 2027
25	Research & Training Program in Biotechnology.	01st Dec 2026 - 31st Mar, 2027
26	Research & Training Program in Fermentation & molecular biotechnology	01st Jan - 31st Mar, 2027
27	NCVET approved Skill Development Job Role on Medicinal and Aromatic Plant Grower	10th Jan - 31st Mar, 2027
28	NCVET approved Skill Development Job Role on Floriculture Training	01st Feb - 31st Apr, 2027
29	Hands on Training on Advance Techniques in Natural Products and Medicinal Chemistry	10th - 12th Feb, 2027
30	3-Day Skill Development Training Program on GC (Gas Chromatography)	17th - 19th Feb, 2027
31	NCVET approved Skill Development Job Role on Assistant Gardener	01st Mar - 31st May, 2027
32	Skill Development Training Program on Research Methodology, Science Communication & IPR- A Futuristic Perspective	17th - 19th Mar, 2027
33	1-Day Skill Development Training Program on HPLC (High Performance Liquid Chromatography)	24th - 24th Mar, 2027

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**NATIONAL**

- ▶ [PW Skills Launches PW Skillshala: A Network of Offline Upskilling Centres Across India](#)
- ▶ [Union Minister Shri Jayant Chaudhary Sends Off India Contingent for 2026 Taipei Capital Cup WorldSkills Invitational Tournament](#)
- ▶ [AI shift forces skills rethink at India tech hubs, Kimberly-Clark executive says](#)
- ▶ [Ericsson and Telecom Sector Skill Council partner to upskill 10,000 ITI students on 5G](#)
- ▶ [ISSO Launches programme to upskill PE Educators and boost school sports in India](#)
- ▶ [Skill India Mission 2026: Free Courses, Certificate, Jobs & Salary. \(Apply Online\)](#)
- ▶ [NITI Aayog CEO calls for aligning education, skilling with economic needs](#)
- ▶ [Skilling India for a future-ready workforce by enhancing skills and employability of the working age population - Part - II](#)
- ▶ [Telangana youth to get training in AI and Lifeskills](#)
- ▶ [HMCGSSC invites RFP from agencies to conduct skill assessments in home management](#)
- ▶ [NCVET convenes first meeting of Research Advisory Committee](#)
- ▶ [Haryana focuses on AI, Digital Skillinf and ITI reforms to bulid future ready workforce](#)
- ▶ [Meghalaya expands Skill Development, Entrepreneurship push through Skillerate 2026](#)
- ▶ [Karnataka to host 2<sup>nd</sup> Bengaluru Skill Summit to advance workforce 2030 Agenda](#)
- ▶ [Essci to train youth, supply skilled manpower for ESDM Industry](#)
- ▶ [EOI invited for implementation of DDUGKU 2.0 in Nagaland](#)
- ▶ [Skill enhancement training for SHG women under NABARD-supported M-SUWIDHA in Warangal](#)
- ▶ [ASDC, CBSE Launch National Automobile Olympiad 2026 to drive Youth interest in mobility careers](#)
- ▶ [Haryana Skilling for tomorrow](#)
- ▶ [हजारीबाग जिला प्रशासन ने आत्मनिर्भर भारत के सपने को साकार करने के लिए युवाओं के लिए निःशुल्क कौशल विकास प्रशिक्षण कार्यक्रम शुरू किया है](#)
- ▶ [पाटन में कौशल विकास शिविर का शुभारंभ:हस्तकला और लघु उद्योग का प्रशिक्षण शुरू किया, विजेता प्रतिभागी होंगे सम्मानित](#)
- ▶ [उत्तर प्रदेश कौशल विकास मिशन ने युवाओं को रोजगारपरक प्रशिक्षण प्रदान करने के लिए कार्ययोजना तैयार की है](#)
- ▶ [टोंक में अभिरुचि कौशल विकास प्रशिक्षण शुरू, विकसित भारत की दिशा में अहम](#)
- ▶ [प्रशिक्षण एवं सेवायोजन स्थायी समिति के सदस्यों के साथ मंत्री कपिल देव अग्रवाल की हुई बैठक](#)
- ▶ [कौशल विकास शिविर का अधिकारियों ने किया निरीक्षण](#)
- ▶ [अदाणी स्किल डेवलपमेंट सेंटर में ऑपरेटर कोर्स की ट्रेनिंग फ्री:युवाओं को रोजगार के नए अवसर मिल रहे, 9 लोगों का नोएडा की कंपनी में सेलेक्शन](#)
- ▶ [उद्योगों के साथ जोड़कर अब निखारे जाएंगे शिक्षक, AICTE ने शुरू किया इंडस्ट्री फेलोशिप प्रोग्राम](#)
- ▶ [कौशल विकास प्रशिक्षण 2026-27 के लिए 12 जून तक करें ऑनलाइन आवेदन ,39 ट्रेडों में प्रशिक्षण उपलब्ध](#)

**INTERNATIONAL**

- ▶ [Kenya TVET Department presents Ksh 24.8 billion budget plan to advance skill development agenda](#)
- ▶ [Philippines advances digital construction skills](#)
- ▶ [Japan Expands Skilled Workforce Access with NSDC Support for Indian Professionals](#)
- ▶ [ILO strengthens core skills in Ethiopia's vocational training system to boost employability](#)
- ▶ [India-EU Mobility Migration Talks Advance at UN Forum: Key Updates 2026](#)



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