MAY 2025
(VOLUME-III; ISSUE 09)
मई 2025
(खण्ड-III; अंक 09)

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

In this issue

IMAGES: Various Skill Development Training Programs at different CSIR Labs

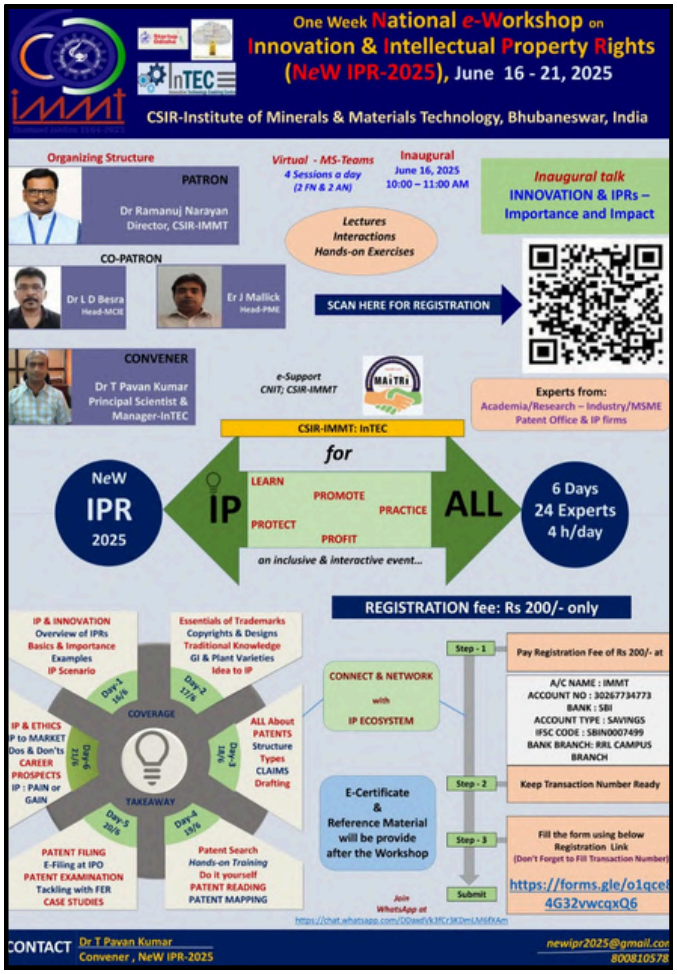
SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR
सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-CECRI, Karaikudi and the Rural Training Centre (RTC) conducted a one-week Skill Development Training Program on "Corrosion Protection Technologies for the Construction of Buildings and Structures" during 5th - 9th May, 2025. This programme aimed to provide participants with the latest knowledge and skills in corrosion protection. A total of 33 participants from various parts of Tamil Nadu and Odisha, India attended the training. The program was inaugurated by Dr. D. Jonas Davidson, Chief Scientist and Head of the Project Planning and Monitoring Group Division at CSIR-CECRI, Karaikudi. The event was coordinated and hosted by Dr. S.M. Rajendran, Chief Scientist & Nodal Officer, CSIR-ISI.

The welcome address was delivered by Mrs. G. Alamelu, the newly appointed Director of the Rural Training Centre (RTC), Amaravathiputhur, followed by an overview of RTC's training activities presented by Mr. P. Arumugam, Director of RTC, Amaravathiputhur. The program was technically convened by Dr. J. Daniel Ronald Joseph, Principal Scientist, who also delivered a lecture on divisional activities. The formal vote of thanks was given by Dr. M. Ashok, Senior Scientist. Several faculty members were present during the inaugural function.

CSIR-IICT, Hyderabad conducted a two-week Skill Development Training Program on "Advanced Biocatalysis and Biotransformation" during 5th - 16th May. 2025 . A total of 15 participants attended the program. Dr D. Srinivasa Reddy, Director, CSIR-IICT delivered inaugural address. Dr. T. Kumaraguru, Course Co-ordinator briefed about the course while Mr. P Anil Kumar, Nodal Officer- Skill Development gave Welcome remarks. Chief Scientists Dr. Pravin R. Likhar, Dr. A. Krishnaiah, Dr K. Yamuna Rani along with invited colleagues and other team members present on the occasion. Dr. S. Nishant Jain, Principal Scientist proposed vote of thanks.

UPCOMING EVENTS
आगामी आयोजन



CSIR-CCMB

Skill Development Program

on

"Molecular Cloning and Protein Expression"

21st July – 05th Aug 2025

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

Duration	:	16 days
No. of seats	:	10-12
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Dates	:	21st July – 05th Aug 2025
Mode of the Course	:	In-house training at CCMB
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	30,000/- INR (Including Accommodation & GST)

Training Curriculum for Course:

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

Salient Features of the Training:

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

Apply Here!

Contact details:

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

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

SKILL DEVELOPMENT PROGRAMME

Microscopic and Diffraction Techniques for Materials Characterization

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.

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.

CSIR Integrated Skill Initiative

CSIR-NIIST
THIRUVANANTHAPURAM

niist

Course fee Rs. 7500/-

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

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.

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.

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.

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

COURSE COORDINATORS:
DR. BISWAPRIYA DEB
DR. SUNIL VARUGHESE

Date : 16th to 27th June 2025

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

Skill India

IITR

WORKSHOP ON ESSENTIAL MOLECULAR TECHNIQUES IN APPLIED MICROBIOLOGY

Program Coverage

- *Bacterial cultures and maintenance*
- *Nucleic acid extraction and purification method*
- *PCR operation and gene amplification*
- *Molecular identification of bacteria and phylogenetic analysis*

PCR

Phylogenetic Analysis

Benefits

- *Theoretical and practical knowledge*
- *Hands-on sessions in lab setting*
- *Essential molecular techniques like nucleic acid extraction, Gel electrophoresis, PCR.*

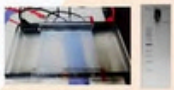
Bacterial Culture and maintenance

Course Fee:
For Academia - Rs. 2000/-
For Industry - Rs. 4000/-

Eligibility:
B.Sc./M.Sc./Ph.D.

Course Coordinator:
Dr. Abhay Bajaj

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



Gel Electrophoresis

SCAN HERE FOR PAYMENT-

16-17 June, 2025
9:30 AM ONWARDS

Venue
CSIR- IITR
M.G. Marg Campus

Share

For queries, contact:
Monika Yadav (Project Associate-I)- 7905199463
Sadiya Zafar (Project Associate-I)- 9838608758
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236
sdp1.iitr@iitr.res.in , sdpiitr@gmail.com

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 CANCELED.
DO NOT BOOK YOUR TICKETS UNTIL WE SEND YOU A CONFIRMATION MAIL FROM OUR SIDE

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

Skill India

IITR

Environmental Monitoring Instruments and Analyzers for Assessment of Air and Water Pollution – Hands-on Training

Learn With us :

- Instrumental techniques for sampling and monitoring of environmental pollution and industrial emissions
- Computational tools for analysis and assessment of environmental monitoring data
- Collection of samples, and physico-chemical characterization of environmental and industrial pollution samples
- Identification and analysis of micro-organisms from the ambient air samples
- Generation of aerosols and size distribution analysis of atmospheric particle pollution

DATE: 18.06.25 - 20.06.25 (3 days)

-TIME: 10:00 AM ONWARDS

-ELIGIBILITY: B.Tech. / M.Tech. in Environmental/Civil/Chemical/ Mechanical Engineering Or M.Sc. in Environment/Chemistry/ Physics

-REGISTRATION FEES:
(For Academia-Rs.3000/-)
(For Industry-Rs.6000/-)

-*LAST DATE OF REGISTRATION:
09.06.25

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

SCAN HERE FOR PAYMENT-

STUDENT COORDINATORS
Monika Yadav - 7905199463
Sadiya Zafar - 9838608758
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236

COURSE COORDINATORS
Dr. G. Sreekanth
Dr. Abhay Raj

Venue
CSIR- IITR
C.R. Krishnamurti (CRK) Campus Gheru, Lucknow

Share

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 CANCELED.
DO NOT BOOK YOUR TICKETS UNTIL YOU GET A CONFIRMATION MAIL FROM OUR END

CSIR- Indian Institute Of Toxicology Research, CRK Campus, Gheru, Lucknow- 226401

Training for whom

The programme gives knowledge, competency and hands on experience to fresh degree/diploma holders for the operation of sophisticated equipments. After the successful completion of the course, the candidate may be able to apply for various scientific and technical positions in different organizations and colleges spread across the country.

Methods of Teaching

The theory classes will be taught in English. Smart classroom tools will be used for conducting theory classes and course materials will be given to candidates. Hands on experience in operation and maintenance of sophisticated instruments will be done at the state-of-the-art laboratories.

Faculty

The scientists will teach the theory and take practical classes for the enrolled students.

Selection Procedure

The selection will be purely based on merit and reservation of seats as per GOI rules. The list of shortlisted candidates will be published in the website. The selection of sponsored candidates will be done separately.

Payment Details

The list of selected candidates for different courses will be published in the CSIR NIIST website and they will be intimated by e-mail and the payment to the proposed course should be made by drawing a DD in favour of Director, CSIR-NIIST, payable at Thiruvananthapuram.

The Director,
CSIR-NIIST (Regional Research Laboratory)
Account No: 67047723825
IFSC Code: SBIN0070030
Bank : State Bank of India, Pappanamcode Industrial Estate

Sponsorship

Industries, non-profit making social organizations, state and central Government organizations, academic institutions are welcome to sponsor candidates of their interest.

CONTACT US

Co-ordinator (Skill India Initiative)
CSIR-NIIST Thiruvananthapuram,
Kerala, India

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

Vision

Envision new challenges and opportunities in areas of core strength of the institution and thereby emerging as:

- Institution of international reputation through symbiotic alliance with industries and academia for high impact science, techno commercially important IP, technologies and products with direct impact on society.
- Pioneers in delivering innovative, cost competitive and environmentally acceptable processing technologies based on the expertise in functional materials, agro-products, bioactive molecules and mineral processing.
- Center of Excellence fo advanced materials in energy, security, diagnostics and strategic applications.
- Consultant and service provider to MSMEs and industries thus becoming a solution provider to societal and environmental issues such as (air/water) pollution, waste

Mission

To remain as a dynamic, vibrant and responsive public organization serving public, private, social and strategic goods through Interdisciplinary research areas of Chemical Science & Technology, Agro-processing & Technology, Microbial Processes and Technology, Environmental Technology and Phytopharmaceuticals & drug intermediates

Course Objectives

The course targets graduates and diploma holders in various disciplines of Science and Engineering. Basic knowledge generation, hands on experience in operation and maintenance of sophisticated equipment's are the highlights of the course. The aim is to develop qualified manpower to cater to the needs of scientific organizations and industries.

Technical Expertise

- Agro-processing and Technology
- Microbial Processes and Technology
- Chemical Sciences and Technology
- Materials Science and Technology

Salient Features of the Course

- Theory : Practical = 25:75
- Small groups for individual attention
- Lectures assisted with modern teaching tools
- Troubleshooting related to instruments
- Facilitates in better interpretation of the results and communication of the same to the end users
- Interactive sessions, group discussions

CSIR-NIIST

THIRUVANANTHAPURAM

Council of Scientific & Industrial Research (CSIR),
National Institute for Interdisciplinary Science and Technology (NIIST),
Ministry of Science and Technology, Govt of India.

CSIR Integrated
Skill Initiative

SKILL DEVELOPMENT TRAINING CALENDAR 2025-26

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

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

SKILL DEVELOPMENT TRAINING CALENDAR 2025-26

Diffraction & Microscopy Techniques for Material Characterization
Duration : 10 Days | Start Date : June 2025
Fees : Rs. 7500 | Mode : Offline

Spectroscopic Techniques (FT-IR, UV-Vis & Fluorescence Spectroscopy) for Researchers
Duration : 2 days | Start Date : May 2025
Fees : As part of SSR of CRG Project | Mode : Offline

Research-linked Innovative Learning Techniques for High School and Higher Secondary School Students from Rural Villages
Duration : 3 Months | Start Date : May 2025 – March 2026
Fees : As part of CSR activities of MC Dean Systems Private India Limited (Applied for Funds) | Mode : Offline * Four batches of 25 No's each

Career Guidance and Soft-Skill Training Program for High School & Higher Secondary School Students from Rural Villages
Duration : 1 Day | Start Date : May 2025 – March 2026
Fees : As part of CSR activities of MC Dean Systems Private India Limited (Applied for Funds) | Mode : Offline

Advanced Metal Casting and Manufacturing Technology
Duration : 3 days | Start Date : June 2025
Fees : Rs. 3000 | Mode : Offline

Course on Circular Economy and Sustainable Technologies
Duration : 2 days | Start Date : June 2025 (1st Session) November 2025 (IInd Session)
Fees : Rs. 5000 | Mode : Offline

Structure Elucidation of Organic Molecules by NMR
Duration : 5 days | Start Date : June 2025
Fees : Rs. 10,000 | Mode : Offline

Introduction to Industrial Adhesives
Duration : 2 days | Start Date : July 2025
Fees : Rs. 3000 | Mode : Offline

Hands-On Training in Bacterial Outer Membrane Vesicles (OMVs) isolation & Basic Molecular Biology Techniques
Duration : 5 days | Start Date : July 2025
Fees : Rs. 2500 | Mode : Offline

Phytochemical Analysis and Characterization Using Chromatographic Techniques
Duration : 4 days | Start Date : July 2025
Fees : Students: Rs. 3,500 Faculty - Rs. 5,000, Industry- Rs. 6000 | Mode : Offline

Algal Lipidomics: Scaleup and FAME Profile by GC-MS
Duration : 5 days | Start Date : 27 - 31 August 2025
Fees : Rs. 5000 (Academia) Rs. 7500 (Industry) | Mode : Offline

Intellectual Property Rights, Patents and Practice
Duration : 3 Months | Start Date : August 2025
Fees : Rs. 3000 /- (Only for students of CSIR-NIIST) | Mode : Offline

SKILL DEVELOPMENT TRAINING CALENDAR 2025-26

Remote Sensing and GIS Applications in Environmental Impact Assessment and Management
Duration : 5 days | Start Date : August - September 2025
Fees : Rs. 1500 (Students) Rs. 5000 (Sponsored) | Mode : Online

Printed Electronics Based Advanced Device Fabrication
Duration : 2 days | Start Date : August 2025
Fees : Rs. 1500 (students) Rs. 3000 (Industry) | Mode : Offline

Workshop on Atomic Absorption Spectrophotometer (AAS)
Duration : 3 days | Start Date : August or September 2025
Fees : Rs. 1000 | Mode : Offline

Value Addition of Fruits and Vegetables
Duration : 3 Days | Start Date : August 2025
Fees : Students: Rs. 5,000 Faculty - Rs. 7,500, Industry- Rs.10,000 | Mode : Offline

Techniques of Phycochemical Profiling & Characterization
Duration : 1 Month | Start Date : August - September 2025
Fees : Rs. 5000 | Mode : Offline

Characterization of Plant Based Proteins for Sustainable Food Formulation
Duration : 5 Days | Start Date : August / September 2025
Fees : Rs. 3000 | Mode : Offline

Surface Engineering and Corrosion
Duration : 3 days | Start Date : September 2025
Fees : Rs. 3000 | Mode : Offline

Magnetic Characterisation Using PPMS
Duration : 2 days | Start Date : September 2025
Fees : Rs. 1500 (students) Rs. 3000 (Industry) | Mode : Offline

Advanced Skill Training on Spectroscopic techniques (FT-IR, UV-Vis & Fluorescence Spectroscopy)
Duration : 10 Days | Start Date : Sep 2025 & Dec 2025
Fees : Rs. 3000 | Mode : Offline

Nutritonal Analysis (Includes Proximate, HPLC , GC)
Duration : 1 Month | Start Date : September 2025
Fees : Rs. 10,000/- | Mode : Offline

Training Program on Baking Technology
Duration : 3 Days | Start Date : September 2025
Fees : Rs. 3000 | Mode : Offline

Value Addition of Spices
Duration : 3 Days | Start Date : October 2025
Fees : Students: Rs. 5,000 Faculty - Rs. 7,500, Industry- Rs.10,000 | Mode : Offline

SKILL DEVELOPMENT TRAINING CALENDAR 2025-26

Synthetic Organic Chemistry – Hands-on Training on Fundamentals and Specialized Reactions
Duration : 2 Months | Start Date : October - November 2025
Fees : Rs. 15,000/- | Mode : Offline

Catalysing Careers: Opportunities in Chemical, Pharmaceutical, and Life Sciences
Duration : 1 Day | Start Date : October 2025
Fees : Rs.1000 | Mode : Online

Mechanical Testing and Thermal Characterisation
Duration : 3 days | Start Date : November 2025
Fees : Rs. 3000 | Mode : Offline

Food Packaging
Duration : 10 Days | Start Date : November 2025
Fees : 10,000/- +GST | Mode : Offline

Training Program On Comprehensive Herbal Drug Development
Duration : 5 Days | Start Date : November 2025
Fees : Students: Rs. 5,000 Faculty - Rs. 7,500, Industry- Rs. 10,000 | Mode : Offline

Hands on Training in Immunology Techniques and qPCR
Duration : 5 Days | Start Date : November 2025
Fees : Rs. 3000/- | Mode : Offline

Application of process engineering in Sustainable Energy & Environmental Management
Duration : 1 Day | Start Date : November 2025
Fees : Student/Research Scholar- Rs.1,000/-; Faculty- Rs. 2,000/-; Industry personal Rs. 3,000/- | Mode : Offline

Environmental Microbiology Techniques and Biosafety Practices
Duration : 2 days | Start Date : December 2025
Fees : Rs. 1500 | Mode : Offline

Basic Training on Spectroscopic techniques (FT-IR, UV-Vis & Fluorescence Spectroscopy)
Duration : 10 days | Start Date : Jan - Feb 2026
Fees : Rs. 3000 | Mode : Offline

Training Programme on Analysis of Fats and Oils
Duration : 3 Days | Start Date : January 2026
Fees : Students: Rs. 5,000 Faculty - Rs. 7,500 Industry- 10,000 | Mode : Offline

Construction of Genetically Engineered Microorganism
Duration : 5 Days | Start Date : January 2026
Fees : Rs. 10,000 & Rs. 15,000 for Sponsored Candidates | Mode : Offline

Sol Gel Synthesis and Coatings
Duration : 5 Days | Start Date : January 2026
Fees : Rs. 5,000 | Mode : Offline

Skill Development Training Calendar 2025-26

CSIR-National Physical Laboratory, New Delhi

Training Fee/Charges: Per Participant:

One Day Course	Two Days Course	Three Days Course	Four Days Course	Participants
₹3,000 + GST (@18%)	₹4,000 + GST (@18%)	₹5,000 + GST (@18%)	₹6,000 + GST (@18%)	Professionals
₹500 + GST (@18%)	₹1000 + GST (@18%)	₹1500 + GST (@18%)	₹2000 + GST (@18%)	Students and college Faculties

TDS: CSI-NPL is exempted from Tax Deduction at Source under Section 35(1)(ii) of the IT Act 1961. The Training Fee includes Course materials, Training Kit, Lunch, Tea/Coffee, Certificate etc.

After confirming with HRD, preferably training fees should be sent at least two weeks prior to the commencement of the desired training program through a **Demand Draft** drawn in favor of the **"DIRECTOR NATIONAL PHYSICAL LABORATORY"**, payable at **"NEW DELHI"**

Online Transfer is also acceptable through Canara Bank Account No. 91002010030018, NPL Campus, National Physical Laboratory, Dr. K. S. Krishnan Marg, New Delhi-110012. **IFSC Code CNRB0019100, MICR no. 110015428**. Kindly confirm the NEFT transfer details through e-mail. In the remarks column of NEFT, please mention "STP No. & Name of the Participants, HRD, NPL"

All STP courses will be conducted in offline mode, unless there is any inescapable situation. Participants are requested to check their schedules before applying for any course. No request from participants for changes in venue, date, or mode of training will be entertained.

Lodging & Boarding: Participants are expected to arrange their own accommodations as limited seats are available at NPL Guest House. However, after the payment of registration fees, requests may be sent to nplguesthouse@nplindia.org with HRD in cc. Please note that guest house charges have to be borne by the trainees – at the prevailing rates of NPL Guest House.

For registration kindly fill the following Google form link:

https://forms.gle/4XcYoTdujGZckqmR8

For any enquiry, the Participants may contact: -

Mr. Pushkar Joshi
Sr. Technician, HRD Office,
National Physical Laboratory, New
Delhi Pin: - 110012
Ph: - 011-4560 9361, / 011-4560 9366(O)
E-Mail: - hrd@nplindia.org

S. No.	Title of Training Program on	Tentative Dates, Duration
STP-1	Workshop on Advanced Instrumentation Techniques for Material Analysis	18-20 June, 2025, 3 days
STP-2	Training program on mass and dimensional metrology: calibration and measurement uncertainty evaluation.	21-25 July, 2025, 5 days
STP-3	Biomedical Metrology	17-18 July, 2025, 2 days
STP-4	DC Metrology	12-13 August, 2025, 2 days
STP-5	Training Programme on Fluid Flow Metrology	18-20 August, 2025, 3 days
STP-6	Air Quality Measurements	10-12 September, 2025, 3 days
STP-7	Training Program on Plastic Processing, Waste Management and Recycling	8-10 September, 2025, 3 days
STP-8	Force, Torque and Hardness Metrology	17-18 September, 2025, 2 days
STP-9	Impedance Metrology	29-30 September, 2025, 2 days
STP-10	Temperature, Humidity and Moisture Metrology	12-14 November, 2025, 3 days
STP-11	Awareness Program on E-waste Management and Recycling	17-18 November, 2025, 2 days
STP-12	Optical Radiation Metrology	19-21 November, 2025, 3 days
STP-13	Acoustic and Vibration Metrology	26 November, 2025, 1 day
STP-14	Material Metrology	3-4 December, 2025, 2 days
STP-15	Time & Frequency Metrology	19-21 January, 2026, 3 days
STP-16	Symposium Battery Testing and Calibration	22-23 January, 2026, 2 days
STP-17	Training Program on Advance Materials Characterization Techniques	11-13 February, 2026. 3 days
STP-18	Laser Interferometer and Dimensional metrology	18-20 February, 2026, 3 days
STP-19	Workshop on terahertz technologies	4-6 March, 2026, 3 days
STP-20	Scientific Communications	12-13 March, 2026, 2 days

Free Skill Training Programme on 2025-2026

S. No.	Title of Training Program on	Tentative Dates, Duration
FSTP-1	Awareness about Basic Metrology	3-4 February, 2026, 2 days

S. No.	Title of Training Program on	Tentative Dates, Duration	Content of the Training Programme	Technical Coordinator's
STP-1	Workshop on Advanced Instrumentation Techniques for Material Analysis	18-20 June, 2025, 3 days	This workshop offers a specialized, hands-on learning experience (for few equipment) focused on advanced techniques for materials characterization. This programme is designed to equip participants with both theoretical knowledge and practical skills in the use of state-of-the-art tools essential for analyzing and understanding the properties and behavior of advanced materials.	Dr. N. Vijayan nvijayan@nplindia.res.in Ph: - 011-45608263
STP-2	Training program on mass and dimensional metrology: calibration and measurement uncertainty evaluation.	21-25 July, 2025, 5 days	Calibration of weights employing substitution method, Volumetric glassware and balances, Vernier caliper, micrometer, gauge blocks, height gauges and angle gauges etc., followed by measurement uncertainty evaluation for all the parameters.	Dr. Nidhi Singh Singhnidhi.Nplindia@Csir.Res.In Ph 01147091139
STP-3	Biomedical Metrology	17-18 July, 2025, 2 days	Biomedical Metrology: Biomedical parameters, uncertainty evaluation, Calibration of medical device analyzers & simulators and testing of medical devices	Dr. Sudesh Yadav sudesh.yadav@nplindia.res.in Ph: 01145609362
STP-4	DC Metrology	12-13 August, 2025, 2 days	Metrological traceability and Calibration of Digital Multimeter, Multifunction Calibrator, DC Voltage, Current and Resistance, Low Value Resistance and High Value Resistance, DC Voltage Ratio, DC High Voltage/ Current along with uncertainty in measurement	Dr. Hemavathi A. hkarthik.nplindia@csir.res.in
STP-5	Training Programme on Fluid Flow Metrology	18-20 August, 2025, 3 days	Introduction to fluid flow measurements, types of fluid flow standards (primary, secondary, reference/ transfer standards), various types of flow-meters and their applications, testing and calibration procedures of water meters, water flowmeters and gas flowmeters	Dr. Shiv Kumar Jaiswal skjaiswal@nplindia.org Ph: 011-45609426/8583
STP-6	Air Quality Measurements	10-12 September, 2025, 3 days	National ambient air quality standards (NAAQS), quality infrastructure (as per ISO/IEC 17025), general definitions, gas measurement techniques (greenhouse and pollution gases), PM10 and PM2.5 measurements and their calibration (gravimetric sampler, FRM, BAM), particle size concentration measurement, gas standard preparation (ISO 6142, ISO 17034) and analysis (by GCs and CRDS), calibration of analyzers, dilutors, primary techniques of gaseous pollutant measurements (including wet chemical), airflow measurement techniques, analysis of particulate bound chemicals using ICP-OES, measurement uncertainty estimations, with hands-on training on most of the parameter of NAAQS. Noise pollution and ambient sound standard and measurement techniques.	Dr. Shankar G. Aggarwal aggarwalsg.nplindia@csir.res.in
STP-7	Training Program on Plastic Processing, Waste Management and Recycling	8-10 September, 2025, 3 days		Dr. Parveen Saini pksaini@nplindia.org 011-45609505/8627
STP-8	Force, Torque and Hardness Metrology	17-18 September, 2025, 2 days	Calibration of Force, Torque and Hardness parameters along with laboratory demonstration and followed by measurement uncertainty evaluation for all the parameters.	Dr. Rajesh Kumar kumarr@nplindia.res.in Ph: 1145608680 01145608674
STP-9	Impedance Metrology	29-30 September, 2025, 2 days	Metrological traceability and Calibration of LCR Meter, AC Resistance, Capacitance, Inductance with various techniques along with uncertainty in measurement	Dr. Satish satish.nplindia@csir.res.in
STP-10	Temperature, Humidity and Moisture Metrology	12-14 November, 2025, 3 days	Calibration and Testing in Temperature, Humidity and Moisture Metrology	Dr. D. D. Shivagan shivagand@nplindia.res.in

STP-11	Awareness Program on E-waste Management and Recycling	17-18 November, 2025, 2 days		Dr. Parveen Saini pksaini@nplindia.org 011-45609505/8627
STP-12	Optical Radiation Metrology	19-21 November, 2025, 3 days	Basics in calibration and measurement of parameters of optical radiation metrology and related standards0	V K Jaiswal jaiswalvk@nplindia.res.in
STP-13	Acoustic and Vibration Metrology	26 November, 2025, 1 day	Acoustic and Vibration Metrology, Uncertainty evaluation	Dr Naveen Garg ngarg.nplindia@csir.res.in
STP-14	Material Metrology	3-4 December, 2025, 2 days	Dielectric Constant Measurement, Electrolytic Conductivity, Resistivity and Conductivity of Solid Reference Materials along with uncertainty in measurement	Dr. Satish satish.nplindia@csir.res.in
STP-15	Time & Frequency Metrology	19-21 January, 2026, 3 days	Basics of atomic clocks, measurement & dissemination techniques, and applications of T&F Metrology	Dr. Poonam Arora arorap@nplindia.res.in
STP-16	Symposium Battery Testing and Calibration	22-23 January, 2026, 2 days	Battery Testing and Calibration: Present and Future	Dr. Satish satish.nplindia@csir.res.in
STP-17	Training Program on Advance Materials Characterization Techniques	11-13 February, 2026. 3 days		Dr. Parveen Saini pksaini@nplindia.org 011-45609505/8627
STP-18	Laser Interferometer and Dimensional metrology	18-20 February, 2026, 3 days	Laser Interferometer, GBI, LMM, ZyGO etc.	Dr. Mukesh Jewariya jewariya.mukesh@nplindia.res.in
STP-19	Workshop on terahertz technologies	4-6 March, 2026, 3 days	Basics of terahertz technologies, spectroscopy and Imaging	Dr. Mukesh Jewariya jewariya.mukesh@nplindia.res.in
STP-20	Scientific Communications	12-13 March, 2026, 2 days	Scientific Writing, Ethics, Plagrism etc.	Dr. Mukesh Jewariya jewariya.mukesh@nplindia.res.in

Free Skill Training Programme for 2025-2026

S. No.	Training Program	Dates & Duration	Content of the Training Programme	Technical Coordinator
FSTP-1	Awareness about basic metrology	3-4 February 2025, Two Days	This program is intended to provide awareness about basic metrology. The sessions shall cover basics of measurement systems both at national and international level. In addition, it shall summaries an overview of SI units before and after redefinition. Also, metrological terms will be introduced along with requirement on equipment. Furthermore, basics of measurement uncertainty will be discussed in detail. This online training program has specifically designed for accredited labs, students, researchers, and academicians.	Dr. Nidhi Singh Ph: 011-47091139/2139 singhnidhi@nplindia.org

NEWS CLIPPINGS
न्यूज़ क्लिपिंग

JAMMU, TUESDAY, MAY 6, 2025
Daily Jammu JOTTINGS
We makes things happen

NEEDS URGENCY!

Skill Development Department ascribes familiarity to top-pick

INDULGES IN SKILL-RETARDATION TO A CLASS OF EMPLOYEES CAUSES DISGUISING DEMOTION TO CLERICAL STAFF

JJ CORRESPONDENT

Jammu, May 05: Distribution of work in any office is based on the requirement of an organisation and availability of the skilled force in a particular field. That is why advertisement for a particular post is made with the qualification and experience required for the job. Vocational Instructors in Skill Development Department are recruited to train the given manpower in different skills, in Industrial Training Institutes and ministerial staff is required and recruited to do the official work, at these centers or in related administrative offices. Why Directorate of Skill Development Department, JK UT deploys the Vocational Instructors in place of the Ministerial staff at the Directorate is a question that needs a serious thought.

R A Fazili is appointed as Junior Instructor (Painting General), temporarily as Migrant Substitute in 1990's in ITI Bandipora, Kashmir and his cadre is changed to Jr. Instructor, COPA, (VI) on the basis of qualification, acquired by attending regular classes for it, in ITI Srinagar but without permission/leave obtained from relevant authorities while not regularised as a permanent employee, reveal the documents and is attached to Directorate of the department vide order No 528 of 2006, dated 28-10-2006 by Director, Skill Development to perform ministerial work in Establishment Section of the same office.

Suresh Kumar is appointed as a Librarian in Women ITI Surankote, Poonch, Jammu, on Direct Quota post and is attached in Directorate, Establishment Section since 2015 vide order No. 601 of 2015, dated 06-10-2015 by Director and another Librarian, a fresh appointee at ITI Darmadi, Riasi, Jammu is attached in Directorate since first appointment, 09-2023, drawing salary from ITI Darmadi.

Instructor Fazili and Librarian, Suresh Kumar are drawing pay against posts of polytechnic colleges giving a chance to some phantom employees to draw their salary against their posts at their actual places of postings in ITIs. It means literally 2 persons are drawing salary against one sanctioned post of Jr. Instructor (Vocational Instructor), by leaving the actual place of posting and providing a chance to engage next one there to perform their fixed task.

The staff from Ministerial Cadre whose field of work is encroached upon by these attachments are in a way demoted. Their right to work in their specified field, dignity and performance graph is in a way challenged, though in a disguised way. The department

CONTD ON PAGE 2

CABINET DECISIONS

Cabinet approves ₹60,000-cr scheme for upgrading ITIs, setting up 5 skilling centres

PRESS TRUST OF INDIA
NEW DELHI, MAY 7

THE GOVERNMENT on Wednesday approved National Scheme for Industrial Training Institute Upgradation and setting up of five National Centres of Excellence for Skilling with a total outlay of ₹60,000 crore, in a major step towards transforming India's vocational education.

The decision was taken at a meeting of the Union Cabinet chaired by Prime Minister Narendra Modi.

"The scheme will focus on upgradation of 1,000 government ITIs in hub and spoke arrangement with industry aligned revamped trades (courses) and Capacity Augmentation of five National Skill Training Institutes (NSTIs), including setting up of five National Centres of Excellence for Skilling in these institutes," an official statement said.

Prime Minister Narendra Modi with Defence Minister Rajnath Singh, Union Home Minister Amit Shah, Union Ministers Nitin Gadkari, Shivraj Singh Chouhan and others in New Delhi on Wednesday. *PTI*

It will be implemented as a Centrally-sponsored scheme as per the announcement made in Budget 2024-25 and Budget 2025-26 with an outlay of ₹60,000 crore. This includes central share of ₹30,000 crore, state share of ₹20,000 crore and industry share of ₹10,000 crore with co-financing to the extent of 50 per cent of Central share by Asian Development Bank and the World Bank, equally.

"The scheme aims to position existing ITIs as government-owned, industry-managed aspirational institutes of skills, in collaboration with the state governments and industry. Over a five-year period, 20 lakh youth will be skilled through courses that address the human capital needs of industries," it said.

The scheme adopt an industry-led Special Purpose Vehicle (SPV) model for an outcome-driven implementation strategy.

The infrastructure upgradation for improved Training of Trainers (ToT) facilities will be undertaken in five NSTIs, namely Bhubaneswar, Chennai, Hyderabad, Kanpur, and Ludhiana.

"... it is perhaps, the best time to scale incremental efforts of the last decade through a nationally scalable program for ITI re-imagination with... design aligned with industry needs to create a pool of skilled workforce as one of the key enablers to realize the goal of Viksit Bharat," the statement said.

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

- RCNV donates Rs1 lakh to Symbiosis Centre for Skill Development
- Ludhiana: New skill-based courses draw Class 11 admission seekers
- FUJIFILM India Launches "Fujifilm Skill Club": Transforming Healthcare with Knowledge, Collaboration, and Resources
- CSR News: Collaboration with Healthcare Sector Skill Council to strengthen India's healthcare workforce
- Telangana: Skill training centres in every district headquarters soon
- Kerala's skill development initiative gives job aspirants a STAR-rating
- Empowering special children through skill training in Mandi
- India at TiEcon 2025: AI Skilling and Deep-Tech Goals in spotlight
- APSSDC Inks Pact With Oracle To Up-Skill Youths
- Uttrakhand में कौशल विकास को बढ़ावा देने का केंद्र का संकल्प
- Ajit Pawar calls for AI-based skill development courses across key sectors in Maharashtra
- AP Govt, Schneider Electric India Foundation ink MoU for skill training
- युवाओं के लिए खुलेंगे रोज़गार के नए द्वार! CM साय ने कौशल विकास को लेकर किए 4 महत्वपूर्ण MOU, जानें
- Admissions To Commence For Training Under Craft Instructor Training Scheme
- Arunachal Govt Launches 3-Day Training for ITI Faculty on 21st Century Employability Skills
- UNESCO & partners drive innovation in skill building to promote inclusive, green, and digital skills across India
- MoRD official reviews skill development programmes in Haryana
- DREAM initiative launched to empower PwDs through research and inclusive skill development
- Adapting to AI revolution: Top 5 skills techies need to maximize appraisals this season
- Bridging the Skills Gap: How SAP Learning Hub, Student Edition Empowers the Next Generation
- Entrepreneurship devpt prog for youth
- लखनऊ, प्रमुख संवाददाता उत्तर प्रदेश कौशल विकास मिशन की ओर से मंगलवार को उद्यमिता
- PM Kaushal Vikas Yojana Registration: पीएम कौशल विकास योजना रजिस्ट्रेशन
- Rubber Production: पूर्वोत्तर में प्राकृतिक रबर उत्पादकों के कौशल विकास के लिए नई पहल शुरू, जानें सब कुछ
- German and Indian delegates discuss industrial innovation and skill development in Coimbatore
- Massive corruption in women's skill training programme: YSRCP
- Skill Development Training in Handicrafts Concludes at Kanyapuram Panchayat
- छात्रों को दिया कौशल विकास प्रशिक्षण
- Lucknow News: बीबीएयू के अमेठी कैंपस में शुरू होंगे कौशल विकास आधारित कोर्स
- Skill Mitra Portal: UP Govt To Create Digital Skill Database To Boost Youth Employment Opportunities | Details

- NBCC and CII Partner to Launch Multi-Skill Training Institute in Delhi
- High-level Japanese delegation reviews skill development project in Amingaon
- World Skill Center Bhubaneswar: One Day Left to Apply for Global Skill Courses
- Young Talent Should Prepared For Age Of Creative Collaborations Through Relevant Skill Development: EAM Dr. S. Jaishankar
- India and Egypt Strengthen Ties with Skill Development Partnership
- SSPU and UNESCO collaborate for skill based programme

GLIMPSES
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हमें फ़ॉलो करें

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Detailed Brochure