

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

Editorial Team

- Dr Vinay Kumar
- Ms Neeti Sagar

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IMAGES: Various Skill Development Training Programs at different CSIR Labs

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

CSIR-NPL, New Delhi conducted The Skill Training Programme (STP) of "Advanced Instrumentation Techniques for Materials Analysis" during 18th - 20th June 2025 and offered a comprehensive overview of structural characterization techniques for materials, integrating fundamental principles with practical applications to provide both theoretical knowledge and hands-on experience. This course primarily focused on imparting basic knowledge of Powder X-ray Diffraction, TEM, SEM/EDX, EPR, PSA, DLS, NMR, FTIR, X-ray Fluorescence, and related techniques. Research scholars and Post Graduate Students from various educational institutions across India had participated in this programme.



CSIR-IIP, Dehradun conducted a two-week Skill Development Training Program on "Analysis with Elemental, Microscopic, and Thermo-gravimetric Tools" during 16th - 27th June 2025. The training program provided a basic overview of Analytical Chemistry, including qualitative and quantitative analysis. Director-IIP had distributed the participation certificates and the 10-day training program successfully ended with an overwhelmingly positive response from the participants. The training program was attended by 17 participants.



CSIR-CECRI, Karaikudi and the Rural Training Centre (RTC) conducted a one-week Skill Development Training Program on “Paints and Coatings for Corrosion Protection” for the “Construction of different steel and civil Structures” during 16th - 20th June 2025. This program aimed to provide participants with the latest knowledge and skills in corrosion protection by various kinds of Paints and Coatings. A total of 43 participants from various parts of Tamil Nadu, India, attended the training. The program was inaugurated, 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.



CSIR-CBRI, Roorkee conducted a five-day workshop on “Low-Cost Construction Techniques Derived from the North-Western Himalayan Region” during 23rd - 27th June 2025, The inaugural session began with a cordial welcome and a detailed overview of the workshop’s objectives by Ar. Anup Kumar Prasad, followed by a welcome address by Ar. S. K. Negi. The event was graced by the presence of Prof. R. Pradeep Kumar, Director, CSIR-CBRI, Roorkee, who delivered the inaugural remarks, highlighting the expert engagement aimed at addressing construction challenges in the Himalayan region through innovative, low-cost solutions. The training program was attended by 35 participants.



CSIR-NIIST Thiruvananthapuram conducted a training program on "Value addition in food processing" during 24th - 25th June 2025 agricultural assistants and staff from the State Agricultural Management and extension Training Institute (SAMETI), Department of Agriculture, Government of Kerala. The training program was attended by 30 participants.



CSIR-CECRI Karaikudi and the Rural Training Centre (RTC), jointly conducted a one-week Skill Development Training Program on “Chromatography and Spectroscopy” during 30th June - 04th July 2025 under the aegis of the CSIR Integrated Skill Initiative. This programme aimed to provide the latest knowledge & Chromatography. Chromatography was based on the principle where molecules in a mixture applied onto the surface or into the solid, and fluid stationary phase (stable phase) were separated from each other while moving with the aid of a mobile phase. A total number of 57 participants from various parts of Tamil Nadu and Karnataka attended this training program. The program was inaugurated by Dr. M. Raju, Chief Scientist and Head of the Central Instrumentation Facility at CSIR-CECRI, Karaikudi.



NODAL OFFICE UPDATES




नोडल कार्यालय अपडेट

The Third Phase of the Project: CSIR Integrated Skill Initiative (2025-30) was formally launched by Dr. N. Kalaiselvi, DG CSIR & Secretary DSIR at CSIR-National Physical Laboratory of India (CSIR-NPL), New Delhi on 20th June, 2025. The presence of esteemed dignitaries Sh Mahendra Kr Gupta, JS CSIR/DSIR, Dr Souvik Maiti, Director, CSIR-IGIB, Dr. T. S. Rana, Head, CSIR-HRDC, Dr. Anirban Pal, Head, CSIR-CPD, Dr. Vinay Kumar, Sr. Principal Scientist, CSIR-HRDC, and other senior officials from CSIR added grace to the launch event.



UPCOMING EVENTS

आगामी आयोजन

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	: 21 st July – 05 th 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.
- Polymersase 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

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

Skill Development Program On "Genetic & Microbial Monitoring of Animals" (GMMA-II) 08th - 16th September 2025

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

No. of seats	: 10-15
Minimum Qualification	: Bachelors/Masters in any branch of Life Science/Allied areas
Dates	: 08 th - 16 th September 2025 [8 days]
Mode of the Course	: In-house training at CCMB, Hyderabad
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (including accommodation & GST)
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum: (lectures and hands-on sessions)

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

Hands-on:

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

Demos:

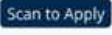

- Primer sequence selection, primer design and synthesis
- Basic PCR programming, uses of real time(qPCR) and reverse transcriptase (RT PCR) types
- Buffers and Master mix preparation for DNA, RNA isolations and PCR
- Skin and hair scrapping to identify the presence of ecto-parasites
- Basic histo-pathological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




Salient Features of the Training:

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

Training Coordinator:
Dr. Jerald Mahesh Kumar
Chief Scientist, In-charge
Animal House, CSIR-CCMB,
Hyderabad.

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

Skill Development Program On Basic Techniques in Animal Cell Culture 04th to 08th August 2025

CSIR-Center for Cellular and Molecular Biology shall conduct a 5-days hands-on-training workshop on 'Basic Techniques in Animal Cell Culture'(BTACC-6) targeted to faculty/ researchers 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 in animal cell culture using the human/cancer cell lines for various experiments. It will be supported by lectures on basic cell culture techniques, media preparation, gene/protein expression, and cancer cells.

Duration	: 05 days
No. of seats	: 06
Target Audience	: Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 04 th to 08 th August 2025
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs.18000/- including GST & Accommodation
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum for Course: (Includes lectures and hands-on sessions)

- Overview of cell culture laboratory, equipment, and applications
- Description of tissue culture: area design & required equipment
- Importance of sterility
- Do's & Don'ts in a Tissue culture lab

Hands-on:

- Aseptic techniques and good cell culture practice (GCCP)
- Animal cell culture techniques, passaging and maintenance of cell lines
- Preparation of medium and sterility testing
- Cryopreservation (freezing and thawing of cell lines)
- Sub culturing, determination of confluency, cell counting, and viability testing

Demos:



- Demonstration of different cell types and culture procedures.
- Transfection electroporation of cells.
- Cell fusion techniques and collection of feeder cells (macrophages).
- Demonstration of protein expression by transfection through immunofluorescence.
- Mycoplasma testing, MTT Assay.
- Hybridoma Technology




Salient Features of the Training:

- Skilled resource persons will provide lectures and laboratory training
- Certificate of participation will be issued to the participants
- Exposure to laboratory safety regulations

Training Coordinators:
Mrs. Zareem Begum
Principal Technical Officer
Tissue Culture Facility
CSIR-CCMB, Hyderabad

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

Carbohydrates as capping for metal nanoparticles and their in vitro cytotoxicity analysis

Program Coverage

- Skills in the wet chemical process of synthesising metal nanoparticles
- Understanding the role of carbohydrates as stable capping for metal nanoparticles
- Hands-on training for participants on nanoparticle synthesis in the solution phase
- Protocols for synthesising metal nanoparticles using functional carbohydrates
- Introduction to mammalian cell culture and in vitro assays for toxicity evaluation
- Evaluation of the toxicity of silver nanospheres via MTT/Alamar Blue assays

July 03-04, 2025

- Eligibility: B.Sc. /M.Sc. /B.Tech./M. Tech/ Ph. D in Life Sciences /Nanotechnology or chemical sciences/Forensic Science
- Course Fee: For academia- Rs.3000/- For industry- Rs.3000/-
- Time :- 9:30 AM-5:30 PM
- Venue: CSIR-IITR, M. G. Marg, Lucknow

Last Date of Registration - 22.06.25

Benefits of Workshop:

- Easy protocols for handling and forming nanoparticles in solution
- Potential of carbohydrates role in nanotechnology and further use in diagnostics and translational research for futuristic applications
- Impact of nanoparticles on exposure to cancer cells and their cytotoxicity


COOURSE COORDINATORS
Dr. R. Raja Gopal
Dr. Pradeep K Sharma

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


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/traveling, travel, local transportation, etc.) and bear those expenses on their own. The fee once paid is not refunded, unless the course is cancelled.
You will receive your tickets and you get a confirmation mail from our end.

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



SCAN HERE FOR PAYMENT-





**BASIC SKILL DEVELOPMENT TRAINING ON
"Testing of Petroleum Products"
(14th to 25th July 2025)**

CSIR-INDIAN INSTITUTE OF PETROLEUM

INTRODUCTION

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

CSIR-IIP conducts skill development programs under 'CSIR Integrated Skill Initiatives (ISI)' applications are invited from eligible participants for basic skill development training program on "Testing of Petroleum Products".

Our Analytical Sciences Division is equipped with range of analytical instruments and our Scientists having vast knowledge and Working Experience. The participants will have the opportunity to obtain a broad working knowledge of petroleum product testing and analysis.

CSIR INTEGRATED SKILL INITIATIVE

GET IN TOUCH

Sh Premchand Nerusu
Co-ordinator, Skill Development Training Program
CSIR-Indian Institute of Petroleum Mohkampur,
Haridwar Road Dehradun - 248005

E-mail: premchand.nerusu@iip.res.in
Sh Premchand Nerusu,
Tel No 0135-2625952(O), M- 9481709662
Sh Rajnish Bhatnagar,
Tel No 0135-2625951(O), M-8218559825

**BASIC SKILL DEVELOPMENT TRAINING ON
"TESTING OF PETROLEUM PRODUCTS"**

OBJECTIVES & SCOPE
Detailed introduction to petroleum and petroleum product specifications, hands on experience on various analytical techniques / standard test methods for its evaluation.

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

CONTENTS

- Chemistry of crude oil
- Lab Distillations & Physico-chemical Test Procedures
- Testing of Key parameters of Naphtha, Kerosene / ATF / Gasoline / Diesel
- Challenges in Petroleum Testing & Future trends

CSIR INTEGRATED SKILL INITIATIVE

IMPORTANT DATES

Last date for submission of Application : 10th July 2025
Course Duration : 14th to 25th July 2025
Seats are limited to a maximum of 15 participants. Register early!

PRE-REQUISITES / QUALIFICATION
Having Post graduation in Chemical Sciences.
Age : 20-40years

WHO SHOULD JOIN
Resident Indian having desire to excel in the area of R&D/ Quality Control OR wants to acquire broad knowledge of testing and evaluation for competitive examinations.

SALIENT FEATURES OF THE PROGRAM

- Theory : Practical : 40 : 60
- Interactive sessions for in-depth knowledge sharing.
- Evaluation of trainees will consist of both Theory & Practical component.
- Certificates will be awarded on successful completion of the training.
- Exposure to R&D labs

COURSE FEES / TERMS AND CONDITIONS

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

A non-refundable course fee of ₹ 5000 (Rupees Five Thousand only) per person is applicable for students/unemployed candidates, and ₹ 20,000 (Rupees Twenty thousand only) for sponsored candidates.
The SC/ST/EWS candidate will get 25% discount in the above fee structure.
Course Fee shall be paid through electronic mode after confirmation only.
Boarding & Lodging charges extra as per the prevailing rates of IIP Hostel and subject to availability.

Name of Bank : State Bank of India
Name of the account holder : Director, Indian Institute of Petroleum, Dehradun.
Bank Account No : 30266912400
Branch : IIP Township, Mohkampur Dehradun, India
SWIFT Code : SBININBB380
11 Digit IFS Code : SBIN0002359

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

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 will 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.

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 for 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 equipments 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	SKILL DEVELOPMENT TRAINING CALENDAR 2025-26	SKILL DEVELOPMENT TRAINING CALENDAR 2025-26
Diffraction & Microscopy Techniques for Material Characterization Duration : 10 Days Start Date : June 2025 Fees : Rs. 7500 Mode : Offline	Remote Sensing and GIS Applications in Environmental Impact Assessment and Management Duration : 5 days Start Date : August - September 2025 Fees : Rs. 1500 (Students) Mode : Online Rs. 5000 (Sponsored)	Synthetic Organic Chemistry - Hands-on Training on Fundamentals and Specialized Reactions Duration : 2 Months Start Date : October - November 2025 Fees : Rs. 15,300/- 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	Printed Electronics Based Advanced Device Fabrication Duration : 2 days Start Date : August 2025 Fees : Rs. 1800 (students) Mode : Offline Rs. 3000 (Industry)	Catalysing Careers: Opportunities in Chemical, Pharmaceutical, and Life Sciences Duration : 1 Day Start Date : October 2025 Fees : Rs. 1000 Mode : Online
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 Mode : Offline * Four batches of MC Dean Systems Private India Limited 25 No's each (Applied for Funds)	Workshop on Atomic Absorption Spectrophotometer (AAS) Duration : 3 days Start Date : August or September 2025 Fees : Rs. 1000 Mode : Offline	Mechanical Testing and Thermal Characterisation Duration : 3 days Start Date : November 2025 Fees : Rs. 3000 Mode : Offline
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 Mode : Offline MC Dean Systems Private India Limited (Applied for Funds)	Value Addition of Fruits and Vegetables Duration : 3 Days Start Date : August 2025 Fees : Students: Rs. 5,000 Mode : Offline Faculty - Rs. 7,500, Industry- Rs. 10,000	Food Packaging Duration : 10 Days Start Date : November 2025 Fees : 10,000/- +GST Mode : Offline
Advanced Metal Casting and Manufacturing Technology Duration : 3 days Start Date : June 2025 Fees : Rs. 3000 Mode : Offline	Techniques of Phytochemical Profiling & Characterization Duration : 1 Month Start Date : August - September 2025 Fees : Rs. 5000 Mode : Offline	Training Program On Comprehensive Herbal Drug Development Duration : 5 Days Start Date : November 2025 Fees : Students: Rs. 5,000 Mode : Offline Faculty - Rs. 7,500, Industry- Rs. 10,000
Course on Circular Economy and Sustainable Technologies Duration : 2 days Start Date : June 2025 (1 st Session) Fees : Rs. 5000 Mode : November 2025 (2 nd Session) Offline	Characterization of Plant Based Proteins for Sustainable Food Formulation Duration : 5 Days Start Date : August / September 2025 Fees : Rs. 3000 Mode : Offline	Hands on Training In Immunology Techniques and qPCR Duration : 5 Days Start Date : November 2025 Fees : Rs. 3000/- Mode : Offline
Structure Elucidation of Organic Molecules by NMR Duration : 5 days Start Date : June 2025 Fees : Rs. 10,000 Mode : Offline	Surface Engineering and Corrosion Duration : 3 days Start Date : September 2025 Fees : Rs. 3000 Mode : Offline	Application of process engineering in Sustainable Energy & Environmental Management Duration : 1 Day Start Date : November 2025 Fees : Student/Researcher Mode : Offline Faculty- Rs. 2,000/-, Industry person- Rs. 3,000/-
Introduction to Industrial Adhesives Duration : 2 days Start Date : July 2025 Fees : Rs. 3000 Mode : Offline	Magnetic Characterisation Using PPMS Duration : 2 days Start Date : September 2025 Fees : Rs. 1500 (students) Mode : Offline Rs. 3000 (Industry)	Environmental Microbiology Techniques and Biosafety Practices Duration : 2 days Start Date : December 2025 Fees : Rs. 1500 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	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	Basic Training on Spectroscopic Techniques (FT-IR, UV Vis & Fluorescence Spectroscopy) Duration : 10 days Start Date : Jan - Feb 2026 Fees : Rs. 3000 Mode : Offline
Phytochemical Analysis and Characterization Using Chromatographic Techniques Duration : 4 days Start Date : July 2025 Fees : Students: Rs. 3,500 Mode : Offline Faculty - Rs. 5,000, Industry- Rs. 6000	Nutritional Analysis (Includes Proximate, HPLC, GC) Duration : 1 Month Start Date : September 2025 Fees : Rs. 10,000/- Mode : Offline	Training Programme on Analysis of Fats and Oils Duration : 3 Days Start Date : January 2026 Fees : Students: Rs. 5,000 Mode : Offline Faculty - Rs. 7,500, Industry- 10,000
Algal Lipidomics: Scaleup and FAME Profile by GC-MS Duration : 5 days Start Date : 27 - 31 August 2025 Fees : Rs. 5000 (Academia) Mode : Offline Rs. 7500 (Industry)	Training Program on Baking Technology Duration : 3 Days Start Date : September 2025 Fees : Rs. 3000 Mode : Offline	Construction of Genetically Engineered Microorganism Duration : 5 Days Start Date : January 2026 Fees : Rs. 10,000 & Rs. 15,000 Mode : Offline for Sponsored Candidates
Intellectual Property Rights, Patents and Practice Duration : 3 Months Start Date : August 2025 Fees : Rs. 3000/- Mode : Offline (Only for students of CSIR NIIST)	Value Addition of Spices Duration : 3 Days Start Date : October 2025 Fees : Students: Rs. 5,000 Mode : Offline Faculty - Rs. 7,500, Industry- Rs. 10,000	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. 110018428. 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
FSSTP-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. Nidha Singh NidhaSingh@nplindia@Csir.Res.I 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 psaini@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 kumar@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 shivagan@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, Plagism 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



MoRD & MSDE sign an MoU to mark a strategic convergence to empower SHG women through structured skilling, entrepreneurship development, and market-aligned livelihood interventions

Union Minister for Rural Development, Shri Shivraj Singh Chouhan, graces the MoU signing ceremony in the presence of Minister of State for Rural Development, Dr. Chandra Sekhar Pemmasani, and Union Minister of State (Independent Charge) for Skill Development and Entrepreneurship, Shri Jayant Chaudhary

This collaboration reinforces our commitment to transform rural women into confident entrepreneurs. It is a step forward in realizing the vision of three crore Lakhpati Didis across rural India – Shri Shivraj Singh Chouhan

This collaboration is an important step in realising our vision for an inclusive Viksit Bharat – Dr. Chandra Sekhar Pemmasani

Together, we are aligning the skill development infrastructure with rural aspirations to ensure every woman has the opportunity to grow, earn, and lead - Shri Jayant Chaudhary

In a significant step towards realizing the vision of Viksit Bharat@2047 and fast-tracking the Lakhpati DiDi mission, Deendayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM) under the aegis of Ministry of Rural Development and the Ministry of Skill Development & Entrepreneurship (MSDE) signs a Memorandum of Understanding (MoU) at Krishi Bhawan, New Delhi. The MoU marks a strategic convergence to empower the women of Self-Help Groups through structured skilling, entrepreneurship development, and market-aligned livelihood interventions.



The MoU signing ceremony was graced by Minister for Rural Development, Shri Shivraj Singh Chouhan along with Minister of State for Rural Development, Dr. Chandra Sekhar Pemmasani, and Union Minister of State (Independent Charge) for Skill Development and Entrepreneurship, Shri Jayant Chaudhary. Secretary, MoRD, Shri Shallesh Kumar Singh and Secretary, MSDE, Shri Atul Kumar Tiwari along with other senior officials from both the Ministries were also present during the ceremony.



Addressing the ceremony, Shri Chouhan said that this collaboration reinforces our commitment to transform rural women into confident entrepreneurs and together we are taking a step forward in truly realizing the vision of three crore Lakhpati Didis across rural India.



He also congratulated both ministries on formalizing this MoU to empower women at the last mile. This initiative, he added, will help build a rural India where women are at the center of economic transformation.

The minister said, "The rural economy is changing, and women are driving this change—be it in agriculture, services, or enterprises. Today, under DAY-NRLM, we have 10 crore women who are part of 91 lakh Self Help Groups. The social capital formed through this programme is unmatched. In every sphere of development, these women are the torchbearers and leaders."

The Minister stated that Prime Minister Narendra Modi had set a vision to enable 3 crore Lakhpati Didis, and affirmed the government's commitment to this goal. He added that efforts were also underway to create "Millionaire Didis" as the next milestone.

MoS (Rural Development) Dr. Pemmasani stated that this collaboration is an important step in realising our vision for an inclusive Viksit Bharat.

Setting the context, Shri Jayant Chaudhary emphasized the convergence approach, stating, together we are aligning the skill development infrastructure with rural aspirations to ensure every woman has the opportunity to grow, earn, and lead.

The MoU will remain in effect for three years, with a Joint Review Committee constituted for quarterly monitoring of progress and outcomes. By bridging institutional expertise with community-level mobilization, this MoU marks a bold step toward unlocking the economic potential of rural women and creating sustainable rural enterprises.

The partnership aims to bring together the grassroots mobilization and livelihood promotion expertise of MoRD with the skilling ecosystem and institutional capabilities of MSDE, aiming to strengthen rural livelihoods through tailored, market-oriented training and entrepreneurship support.

Highlights of the MoU:

- Customized training modules for SHG women based on emerging economic sectors, including digital and financial literacy, compliance, and market access.
- Delivery of Training of Trainers (ToT) programs and skilling of SHG cadres using institutions like JSS, RSETIs, NIESBUD, and NSTIs.
- Formal certification through the Skill India Digital Hub (SIDH) to recognize skills of SHG members.
- Integration of SHG skilling into District Skill Development Plans (DSDPs) via collaboration with District Skill Committees (DSCs).
- Joint outreach initiatives including livelihood fairs, awareness campaigns, and mentorship programs.

The new website of the Ministry and the revamped website of the Department of Rural Development, developed under the Digital Brand Identity Manual (DBIM) was also launched during the ceremony by the Ministers. The newly launched portals aim to provide citizens with a unified, accessible, and user-friendly digital interface for rural development services and information.

NEWS CLIPPINGS

न्यूज़ क्लिपिंग

02/05, 11:47 AM Press Release Press Information Bureau
Ministry of Women and Child Development

Government Launches 'NAVYA' – A New Skilling Initiative for Adolescent Girls Under Viksit Bharat@2047

NAVYA marks a milestone in our shared mission to empower adolescent girls:
Smt. Savitri Thakur

Girls identified by MWCD will be trained through short-term skill development courses under the Pradhan Mantri Kaushal Vikas Yojana

Posted On: 24 JUN 2025 7:40PM by PIB Delhi

In a significant step towards empowering young girls and furthering the vision of Viksit Bharat@2047, the Ministry of Women and Child Development (MWCD), in convergence with the Ministry of Skill Development and Entrepreneurship (MSDE), launched 'NAVYA' (Nurturing Aspirations through Vocational Training for Young Adolescent Girls) today in Sonbhadra, Uttar Pradesh.



Launched jointly by Shri Jayant Chaudhary, Minister of State (Independent Charge), Ministry of Skill Development and Entrepreneurship, and Smt. Savitri Thakur, Minister of State, Ministry of Women and Child Development, the NAVYA programme aims to equip adolescent girls aged 16 to 18 years with vocational training mainly in non-traditional and emerging job roles. Adolescent girls from across the country participated virtually through webinar, marking their enthusiastic presence from every part of India.



Speaking at the launch, Shri Jayant Chaudhary highlighted that the NAVYA is not just about employment—it is about building confidence, economic independence, and entrepreneurial spirit among young girls, especially in Aspirational and tribal districts like Sonbhadra. Girls identified by MWCD will be trained through short-term skill development courses under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY), with the potential to eventually establish small businesses of their own.

<https://www.pib.gov.in?resid=releases%20-%20PRC-213041>



Smt. Savitri Thakur stated that the NAVYA marks a milestone in our shared mission to empower adolescent girls. Through vocational training, we aim to help them become self-reliant and confident citizens. This initiative will not only provide them with valuable skills but also guide them toward a life of dignity, independence, and self-belief.



हिन्दुस्तान

देश के 19 राज्यों के 27 आकांक्षी जनपदों में इस विशेष कार्यक्रम को एक साथ किया जाएगा लामू

बेटियां बनेंगी आत्मनिर्भर: जयंत चौधरी

बोले मंत्री

सोशल, मीडिया, टेलीकॉम, ग्राफिक डिजाइन, टेलेकॉम और वित्तीय सेवाओं में नवजात शक्ति को बढ़ावा देने के लिए 19 राज्यों के 27 आकांक्षी जनपदों में एक साथ कार्यक्रम का शुभारंभ किया गया।

सोशल, मीडिया, टेलीकॉम, ग्राफिक डिजाइन, टेलेकॉम और वित्तीय सेवाओं में नवजात शक्ति को बढ़ावा देने के लिए 19 राज्यों के 27 आकांक्षी जनपदों में एक साथ कार्यक्रम का शुभारंभ किया गया।

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प्रशिक्षण देकर उपलब्ध कराएं रोजगार

सोशल, मीडिया, टेलीकॉम, ग्राफिक डिजाइन, टेलेकॉम और वित्तीय सेवाओं में नवजात शक्ति को बढ़ावा देने के लिए 19 राज्यों के 27 आकांक्षी जनपदों में एक साथ कार्यक्रम का शुभारंभ किया गया।

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02/05, 11:47 AM Press Release Press Information Bureau

In its pilot phase, NAVYA is being rolled out across 27 Northeastern and Aspirational districts in 19 states. Each participating district has designated training centres offering job-role-specific vocational courses tailored to the needs of adolescent girls.

Under the NAVYA programme, adolescent girls are being trained in skills such as graphic design, telecom and financial services, smartphone and drone assembly, solar PV and CCTV installation, and hand embroidery—empowering them for emerging opportunities in a rapidly evolving job market.

Training under NAVYA will be implemented using existing resources from flagship schemes of MSDE like PMKVY and PM Vishwakarma Yojana.



The event also included certificate distribution ceremonies for successful trainees under PMKVY and PM Vishwakarma, as well as interactive sessions with beneficiaries who shared their journeys of transformation through skill development.

With NAVYA, the Government of India reaffirms its commitment to inclusive development—ensuring that every girl, regardless of geography or background, is equipped with the skills, opportunities, and confidence to contribute meaningfully to the country's growth story.

SS/MS

(Release ID: 2130241)
Read this release in: Malayalam, Urdu, Hindi

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- [Skill development is empowerment, says Welspun Living CHRO Rajesh Jain](#)
- [Customized Skill Development Training for Rural Women organized](#)
- [CM inaugurates Khajya Naik memorial in Jalgaon, assures skill development and food processing training for tribal community members](#)
- [MSDE moots new skills policy for 2025-35; seeks comments on the draft National Policy for Skill Developmen](#)
- [APSSDC chief directs officials to focus on youth skill training and employment opportunities](#)
- [Skill development initiative launched at Navjeevan Centre](#)
- [Union Secy Reviews Skill Scheme Progress In J&K](#)
- [Mira-Bhayandar News: Mira-Bhayandar Municipal Corporation hosts women's skill development workshop](#)
- [CS explores ways to boost J&K's skill ecosystem with Union Secy MSDE](#)
- [AND Academy Recognized as an Exceptional Vocational & Skill Development Platform at the Economic Times Education Excellence Awards](#)
- [Skill Development Needs Flexibility, Not Fixed Templates: Jayant Chaudhary](#)
- [Skill Training Program for Water Distribution Operators under NaJalMitra initiative](#)
- [Skill development programme gets underway at CET](#)
- [Rural development and skill development ministries sign agreement to train women SHG members](#)
- [MSDE and Ministry of Rural Development Signed Landmark MoU](#)
- [Cabinet okays Rs 5,940-cr revised Jharia Master Plan, with focus on skill training & livelihood support](#)
- [Shoolini University Partners with IIT Madras to Launch Joint Degree and Skill Development Programmes](#)
- [उत्तर प्रदेश के सोनभद्र में 24 जून को धरती आबा जनजातीय ग्राम उत्कर्ष अभियान \(DAJGUA\) के तहत माननीय कौशल विकास और उद्यमशीलता राज्य मंत्री \(स्वतंत्र प्रभार\) श्री जयन्त चौधरी 30 ट्राइबल स्किलिंग सेंटर का उद्घाटन करेंगे।](#)
- [The 16th FICCI Global Skills Summit will take place on 7-8 Aug in New Delhi. Don't miss the session on "Infrastructure in Skill Education: The Cornerstone of Ongoing Reforms" exploring how upgrading skill infrastructure](#)
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- [Skill development prog conducted in Zunheboto](#)
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हमें फॉलो करें



(CSIR Integrated Skill Initiative)

Detailed Brochure

