DECEMBER 2025
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दिसंबर 2025
(खण्ड-III; अंक 23

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-NCL, Pune conducted a Skill Development Program on "Materials Characterisation Using Powder X-Ray Diffraction (WMC-PXRD)" from 27th - 28th November, 2025 under the CSIR-Skill Development Initiative. A total of 88 Master's Students, research students, as well as faculty and industry representatives attended the workshop. This workshop emphasized the techniques and applications of powder X-ray diffraction (PXRD), a powerful method for structural analysis and material characterization. Special focus had been placed on its applications in pharmaceutical research, including phase identification, polymorphism studies, and quality control.

CSIR-CECRI, Karaikudi and the Rural Training Centre, Amaravathipudur jointly conducted a one-week Skill Development Training Program on "Additive Manufacturing: A technology of rapid customization" during 1st- 5th December, 2025 under the initiative of CSIR Integrated Skill Initiative-Phase III. This programme aimed to provide the latest knowledge & skills in the area of 3D printing technology using Additive manufacturing. This process makes it quick and cost-effective to produce bespoke items, accelerating product development by enabling designers to quickly test multiple versions of a product and make refinements in a fraction of the time it would take with conventional methods. This programme was attended by 43 participants by covering different parts of Tamil Nadu.

CSIR-CECRI, Karaikudi conducted a one-week Skill Development Training Program on “Biosensor: Design and applications” during 1st - 5th December, 2025 as a part of the CSIR Integrated Skill Initiative-Phase III. This programme aimed to provide the latest knowledge & skills in the area of Biosensor. A biosensor's design involves a bioreceptor (like an enzyme or antibody) that specifically binds to a target molecule (analyte) and a transducer that converts this biological interaction into a measurable signal. Applications are widespread, including medical diagnostics for diseases like diabetes, food safety, and environmental monitoring for pollutants. This programme was attended by 57 participants, covering different parts of Tamil Nadu.

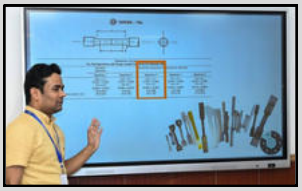


CSIR-IICT, Hyderabad launched a four-day Skill Development Training Programme on "Protein extraction, separation and analysis from Mammalian cancer cell lines" during 2nd - 5th December, 2025 under the CSIR Integrated Skill Initiative (Phase-III). This training programme was attended by 23 PG students in Life Sciences from Aurora Degree and PG College, Hyderabad fostering hands-on expertise in cutting-edge biological techniques. The inaugural session was graced by Dr. A. Gangagni Rao, In-Charge Director, CSIR-IICT and delivered the inaugural address.The inaugural event was attended by invited colleagues and team members associated with the skill training.



CSIR NIIST, Thiruvananthapuram conducted a skill training program on "Mechanical Testing and Thermal Characterization" during the period from 26th - 28th November, 2025 as part of CSIR Skill Initiative. 23 candidates participated and got benefitted out of this program.



CSIR-IICT, Hyderabad successfully conducted a four-day hands-on training in “Protein lysate preparation, quantification , SDS-PAGE and Western blotting” under the CSIR Integrated Skill Initiative during 2nd - 5th December, 2025. This programme was attended by 23 participants. The program opened with remarks by Dr. T. Anjana Devi, Senior Principal Scientist and Course Coordinator, followed by participant feedback and addresses from distinguished guests including Dr. M. C. Ajay Kumar, Dr. A. Gangagni Rao, Dr. K. Rajender Reddy, and Dr. Shashi Vardhan Kalivendi. Certificates were distributed, and the session concluded with a vote of thanks by Dr. C. Yogesh. The training enhanced participants’ laboratory skills and research readiness.




CSIR-NIIST, Thiruvananthapuram successfully conducted its first MSME-sponsored Skill & Entrepreneurship Development Program on “Biofuels: Opportunities and Pilot-Scale Operations” during 1st - 05th December, 2025. The 5-day program featured hands-on sessions with 1000 L reactors, 150 L fermenters, distillation units, and key process utilities. Participants also received insights on bank loans, MSME schemes, incubation support, and emerging opportunities in bioenzymes, biochemicals, and nutraceuticals under the BioE3 policy. The program concluded with participant presentations on bioethanol.




CSIR-IIP, Dehradun, conducted a three days Skill Development Training Program on "Spectroscopic Analytical Techniques-NMR" during 08th - 10th December, 2025 under the aegis of CSIR IIP Integrated Skill Initiative. This training program provided basic overview of Spectroscopy Theory about NMR Instrumentation & demonstration techniques, preparation of samples- solid & liquid, data collection & analysis along with hands on practice on 500MHz NMR Spectrometer. Total 6 candidates participated and got benefitted out of this program.



CSIR-CECRI, Karaikudi conducted a one-week Industry Oriented Refresher course on "Waste Water Treatment Technologies" during 08th - 12th December, 2025 under the aegis of CSIR Integrated Skill Initiative-Phase III. This programme provided the latest knowledge & skills in the area of Waste Water Treatment Technologies. Wastewater treatment technologies include physical, chemical, and biological methods, often used in primary, secondary, and tertiary stages to remove contaminants. Common biological processes are the Activated Sludge Process (ASP) and Moving Bed Biofilm Reactor (MBBR), while chemical methods like oxidation and reverse osmosis are used for disinfection and removing dissolved solids. Advanced technologies include Membrane Bioreactors (MBRs) for high-quality effluent and Zero Liquid Discharge (ZLD) systems to eliminate liquid waste. This programme was attended by 5 Industry participants covering two different parts of India.



CSIR-CECRI, Karaikudi conducted a one-week Industry Oriented Refresher course on "Corrosion Control using Protective Coatings and Cathodic Protection" during 08th - 12th December, 2025 under the aegis of CSIR Integrated Skill Initiative-Phase III. This programme provided the latest knowledge & skills in the area of Protective Coatings and Cathodic Protection. Protective coatings and cathodic protection (CP) are dual corrosion control methods: coatings act as a physical barrier, while CP changes the metal's electrical potential to stop corrosion, making it as the cathode in an electrochemical cell, with both often combined for superior, cost-effective protection of structures like pipelines, tanks, and ships by preventing rust and extending asset life. This programme was attended by 33 Industry participants covering different parts of India.




CSIR-CIMAP, Lucknow conducted a three-day National Metabolomics Workshop during 09th - 11th December, 2025. Around 40 participants from across the country joined the event. The inaugural session was graced by Director Sir, CSIR-CIMAP, Prof. Ute Höcker, Dr. A. S. Negi Sir, and Dr. Laiq Ur Rehman Sir, who formally opened the workshop with lamp lighting, welcomed all participants, and addressed the gathering. Prof. Raja Roy delivered the inaugural lecture on NMR metabolomics, followed by Prof. Dinesh, who spoke on chemometrics in metabolomics. Dr. Sangeeta presented insights on TOF-MS–based metabolomics, and Dr. Ratnasekhar discussed LC-MS workflows and associated challenges.



CSIR-IMTECH, Chandigarh conducted a hands-on workshop on "Leveraging Artificial Intelligence (AI) in Research" during 11th - 12th December, 2025. The workshop was organised by the Business Development Group (BDG) under the CSIR Integrated Skill Initiative Program. A total of 31 participants from various universities participated in this workshop.




CSIR-CIMAP, Lucknow conducted a five-day Skill Development Training Program on "Cultivation, Primary Processing, Valorisation, Quality and Marketing Aspects of Commercially Important Medicinal and Aromatic Crops" commenced during 1st - 5th December, 2025 under CSIR Integrated Skill Development Program. A total of 35 participants attended this training, represented diverse sectors iThis initiative aimed to enhance practical skills and technical knowledge contributing to capacity building and promoting livelihood opportunities in the sector.



CSIR-AMPRI, Bhopal conducted a two, five days Skill Development Training Programme titled "Synthesis, Characterisation and Application of Nanomaterials" and "Materials Development & Characterisation" under the CSIR Integrated Skill Initiative during 08th - 12th December, 2025 . The former programme was attended by 25 Students from various institutions and the later one was attended by 16 Students - Jointly with INYAS & IISER Bhopal. These programs were designed to provide the students with skills to do state of art R&D and work for innovations.




CSIR-CRRI, New Delhi conducted a Customized Training Programme on "Road Safety Audit and Other Road Safety Related Aspects" for the Engineers of Odisha Works Department (OWD) at Nirman Soudha, Bhubaneswar during 08th - 12th December, 2025, inaugurated by Principal Secretary Sh, Snajay Kumar Singh OWD, Odisha and Sh. Amitav Thakur Transport, Commissioner, Odisha. The programme was attended by 50 Engineers from OWD, Odisha.




CSIR-CIMAP, Lucknow conducted a training program on "Application of Chemistry and high end tools in MAPs research", held during 17th November - 05th December, 2025. The valedictory function was chaired by Director CSIR-CIMAP, who distributed certificates to the participants. Dignitaries interacted with participants and highlighted the importance of research and development accomplished by CSIR-CIMAP.




CSIR- NML, Jamshedpur conducted a five-day training program on "Ultrasonic and Electro-Magnetic NDE" during 17th -21st November, 2025. Total no. of 18 students from Srinath University, Jamshedpur, pursuing a Diploma in Mechanical Engineering participated in this programme. Participants appreciated the practical exposure and interactive learning environment. The program commenced with an inaugural address by Dr S. Sagar, Head of the IMDC Division. Practical demonstrations and hands-on training were carried out in the Eddy Current, Ultrasonic, and Thermography laboratories.




CSIR-CGCRI, Kolkata conducted a skill development programme on "Skill Development Training on Ceramic Membrane Technology, Water & Wastewater Analysis using Advanced Instrumental Techniques" at the Institute during 09th - 12th December, 2025 as a part of the CSIR Integrated Skill Initiative Programme. Total no. of 21 Engineering and science pursuing students from Calcutta Institute of Technology, Uluberia, Howrah 711316, W.B., Ranchi University, Jharkhand and Banaras Hindu University, Varanasi, UP have successfully completed the training programme.




CSIR-NIIST, Thiruvananthapuram in collaboration with the Ministry of MSME, successfully conducted the second training program on "Patents, Copyrights, GI, and Trademarks for Entrepreneurship" during 8th – 12th December 2025. The program saw 47 participants (29 offline, 18 online) from diverse backgrounds. Expert-led sessions and participant presentations highlighted the practical role of IPR in entrepreneurship.



CSIR-CDRI, Lucknow conducted a course on Skill Development Program in "Advanced Spectroscopic Techniques" from 22nd October - 12th December, 2025 under the CSIR-Integrated Skill Initiative. A total of 15 participants participated in this training program that provided understanding and hands-on experience in elucidating the chemical structure of various molecules using advanced spectroscopic techniques in drug discovery and biological science. The convocation took place on December 12, 2025.

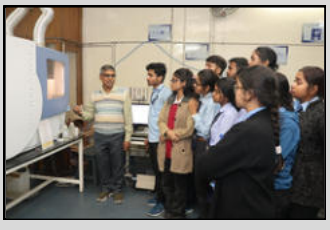



CSIR-CEERI, Chennai conducted a three-day hands-on training program on "THz Imaging and Spectroscopic Applications" during 08th - 10th December, 2025, under the CSIR-Integrated Skill Initiative (Phase-III). This program focused on a nationally important and emerging technology area, attracting pan-India participation. A total of 16 participants joined the intensive training, ensuring effective interaction and personalized hands-on exposure. The course was mentored by Dr. A. Mercy Latha, Senior Principal Scientist, and Mr. Rishi Ranjan, Principal Scientist. The training combined core theoretical concepts with extensive practical sessions, covering THz imaging systems, spectroscopic techniques, instrumentation, measurements, and data interpretation, along with discussions on current and future applications.



CSIR-CGCRI, Kolkata conducted a three-days skill development training programme on "Instrumental Methods for Chemical Characterization of Glass & Ceramic Materials & Testing & Calibration Techniques Related to Temperature Measurement and Control" in the analytical chemistry laboratory of the 4M Division during 3rd - 5th December, 2025. A total of 12 engineering diploma students participated in the training programme. The students were given demonstration and hands on training on analytical instruments for chemical characterization used in laboratory for chemical analysis of glass, ceramic and allied materials followed by training on testing and calibration techniques related to temperature measurement and control and, basic instrumentation measurements and techniques.






CSIR-NML, Jamshedpur organised Skill Development Program on "Materials for Additive Manufacturing (MAM - 2025)" during 8th - 12th December, 2025, under the CSIR Integrated Skill Initiative. The Program was coordinated by Principal Scientist Mr. Premkumar Murugaiyan (Course Coordinator) and Dr. Animesh Jana (Training Coordinator). The objective of this program was to provide participants with an in-depth understanding of additive manufacturing (AM) technologies, powder metallurgy, and advanced material characterization methods, combining theoretical lectures with practical demonstrations. A total of 28 students were selected and attended the program.



CSIR-IMMT, Bhubaneswar conducted a two-phase programme on Opportunities in “Battery Materials and Recycling” during 8th - 9th December, 2025 under the CSIR Integrated Skill Initiative. The programme comprised a two-day workshop for MSMEs, start-ups, and researchers on 8th to 9th December 2025, followed by a three-day hands-on skill development programme for postgraduate students. About 65 participants attended, supported by nearly 35 resource persons, including scientists and technical staff. The inaugural session was attended by Shri P K Gupta, Joint Director and Head of Office, MSME Development Institute, Cuttack. Practical training included battery discharging, coin cell assembly, materials characterization, mineral processing techniques, and fabrication and electrochemical testing of metal-air batteries. The programme concluded with a quiz, feedback session and an eminent lecture by Nobel Laureate Prof. Joachim Frank.

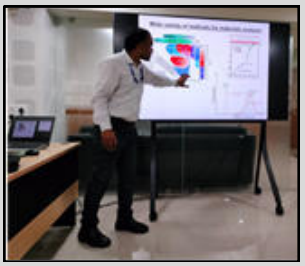


CSIR-IMMT, Bhubaneswar conducted skill development program on “Semiconductor materials preparation and characterization” during 11th - 12th December, 2025. A total of 32 students from 12 institutes around Bhubaneswar were registered for this program. Various aspects of semiconductor materials preparation and characterizations were covered during this skill development program. Eight invited talks were delivered by the speakers with diverse expertise in various interconnected domains of semiconductor technology. Also, the participants visited to eight different labs at CSIR-IMMT, gained practical exposure on TEM, FESEM-EBSD, bulk crystal growth if semiconductors, CVD growth of thin films, introduction to Density Functional Theory calculations, laser induced graphene, and perovskite material preparation.



CSIR-IMMT, Bhubaneswar conducted three-day skill development program on “Advanced Electron Microscopy” during 3rd -5th December 2025. The programme was attended by 29 participants, comprising 17 Ph.D. students and 12 Master students. The participants were from various premium academic institutions such as NISER-BBSR, IIT BBSR, Ramadevi University, Institute of Physics-Bhubaneswar, ICT-IOCL-Bhubaneswar, IISER-Kolkata, KIIT University and Parala Maharaj Engineering College- Berhampur.

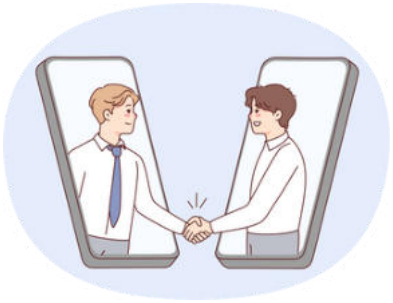


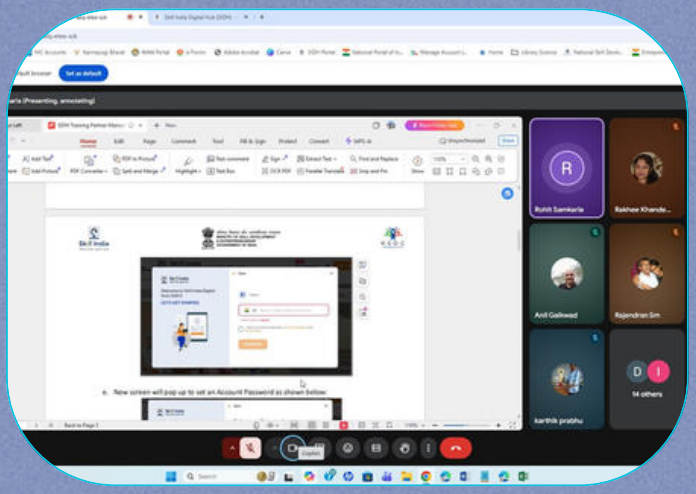



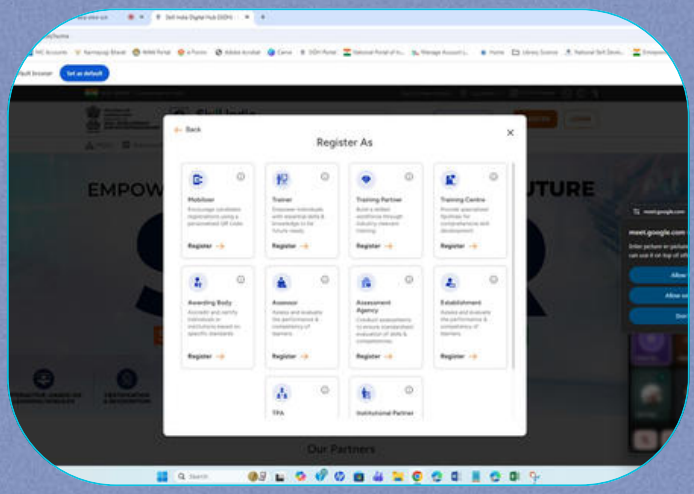
NODAL OFFICE UPDATE
नोडल कार्यालय अपडेट

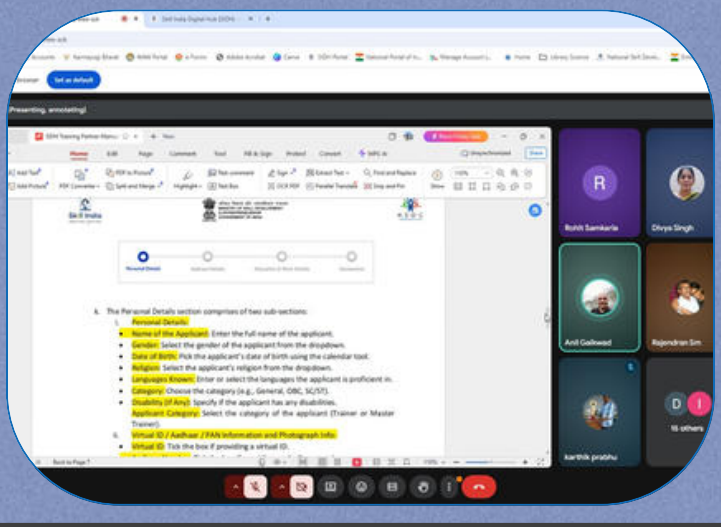
ToT ORIENTATION SESSION ON SIDH REGISTRATION

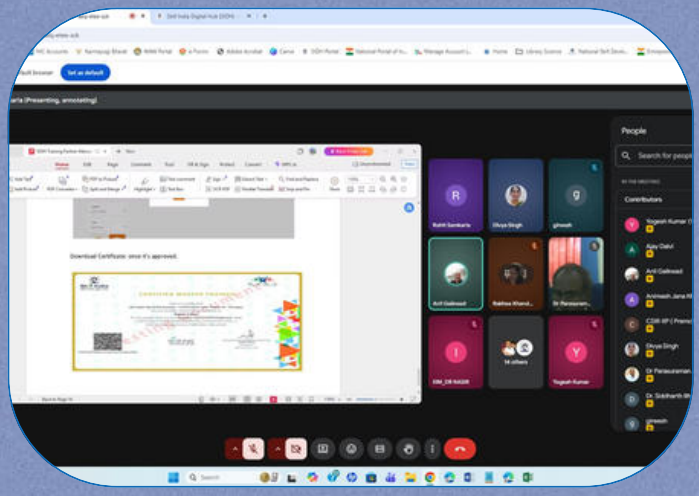
A Training of Trainers (ToT) Orientation Session for registration on the SIDH portal as a Trainer was conducted virtually by the Life Sciences Sector Skill Development Council (LSSSDC) for CSIR labs on 10 December 2025. The objective of the session was to orient prospective trainers on the SIDH (Skill India Digital Hub) registration process, eligibility requirements, necessary documentation and certification. The session provided detailed guidelines and emphasized the importance of SIDH in enhancing the quality and standardization of skill training. Participants actively engaged in the session and benefited from the clarifications provided.



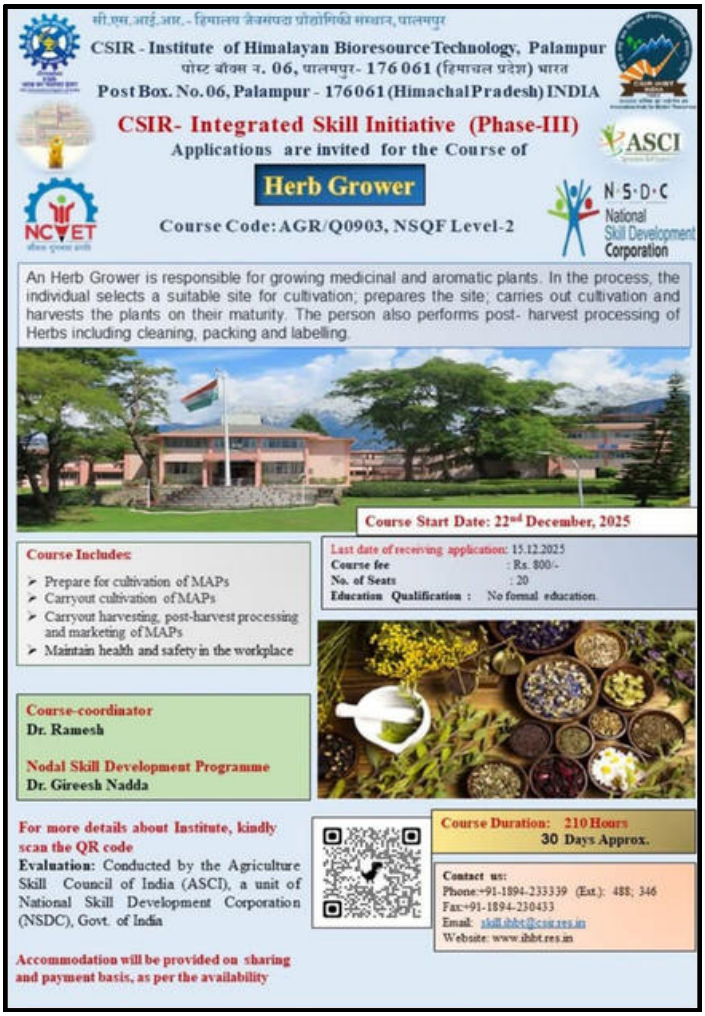




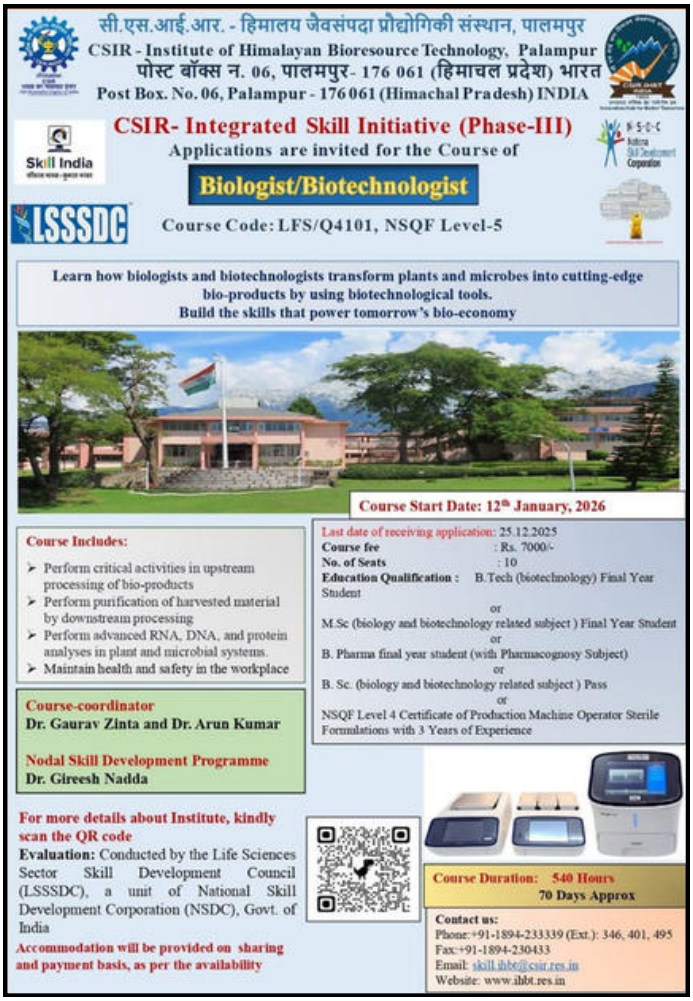




UPCOMING EVENTS
आगामी आयोजन




Advanced Course on
Engineering of Special Concretes with focus On Sustainability, Rheology and Microstructural characterisation (ESCOSURM)
07-09 January 2026
(under CSIR Integrated Skill Initiative)
Organised by
About CSIR-SERC
Advanced Materials Laboratory (AML)
Background
Objectives
Faculty
Prerequisites
Venue & Duration
Registration and Fee
Travel, Boarding and Lodging Arrangements
Scan QR code for course promo
Contact Us


सी.एस.आई.आर. - हिमालय जैवसंपदा प्रौद्योगिकी संस्थान, पालमपुर
CSIR - Institute of Himalayan Bioresource Technology, Palampur
पोस्ट बॉक्स न. 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
Biologist/Biotechnologist
Course Code: LFS/Q4101, NSQF Level-5
Learn how biologists and biotechnologists transform plants and microbes into cutting-edge bio-products by using biotechnological tools.
Build the skills that power tomorrow's bio-economy
Course Start Date: 12th January, 2026
Course Includes:
Course-coordinator
Dr. Gaurav Zinta and Dr. Arun Kumar
Nodal Skill Development Programme
Dr. Gireesh Nadda
For more details about Institute, kindly scan the QR code
Evaluation: Conducted by the Life Sciences Sector Skill Development Council (LSSSDC), a unit of National Skill Development Corporation (NSDC), Govt. of India
Accommodation will be provided on sharing and payment basis, as per the availability
Last date of receiving application: 25.12.2025
Course fee : Rs. 7000/-
No. of Seats : 10
Education Qualification : B.Tech (biotechnology) Final Year Student
or
M.Sc (biology and biotechnology related subject) Final Year Student
or
B. Pharma final year student (with Pharmacognosy Subject)
or
B. Sc. (biology and biotechnology related subject) Pass
or
NSQF Level 4 Certificate of Production Machine Operator Sterile Formulations with 3 Years of Experience
Course Duration: 540 Hours
70 Days Approx
Contact us:
Phone:+91-1894-233339 (Ext.): 346, 401, 495
Fax:+91-1894-230433
Email: skill.ihbt@csir.res.in
Website: www.ihbt.res.in


सीएसआईआर - राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान
CSIR - NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY (NIIST)
Industrial Estate, Pappanamcode, Thiruvananthapuram
APPLIED SPECTROSCOPY SKILL ENHANCEMENT PROGRAM FOR FYUGP STUDENTS
29th December 2025 - 2nd January 2026
HIGHLIGHTS
Fundamentals and Applications of
IR Spectroscopy
UV-Visible Spectroscopy
Fluorescence Spectroscopy
Hands-on Training
Discussions
REGISTER HERE:
http//sdp.niist.res.in
FEES
Rs. 2500/- Incl. GST
(Food & Registration Material included)
ACCOUNT DETAILS
The Director, CSIR-NIIST
Account No: 67047723825
IFSC Code: SBIN0070030
Bank: State Bank of India (SBI)
Address: Pappanamcode, Industrial Estate
IMPORTANT DATES
Last Date to Apply: December 20, 2025
Confirmation will be sent by: December 21, 2025
COURSE COORDINATOR
Dr. Joshy Joseph
Senior Principal Scientist, CSTD, CSIR-NIIST
Ph: 9495611444
*Registration is limited to 50 Students.
*Participants are required to arrange their own accommodation.
*Certificates will be issued upon successful completion


SHORT TERM TRAINING PROGRAMME
Development of Probiotic millet beverage and probiotic millet curd
07.01.2026 – 09.01.2026
CSIR-CFTRI is organizing a Three -day training programme on "Development of Development of Probiotic millet beverage and probiotic millet curd " at CSIR-CFTRI, Mysuru.
The training programme would focus on:
Basic microbiological techniques and microbial storage studies
Introduction to millets and their health benefits
Preparation of instant pour over millet powder
Millet milk extraction and primary inoculums preparation
Preparation of pour over millet beverage and curd Products evaluation
Proximal, Rheological, and Sensory analysis of the product.
Course Organizer:
Dr. Prakash M Halami
Microbiology and Fermentation Dept
ELIGIBILITY CRITERIA
Knowledge of the subject under focus and preferably a basic degree.
How to apply: Kindly register and apply online http://stc.cftri.res.in
Targeted Audience: Industry personnel, Students and Researchers.
Training Fee:
Rs. 18,000/- for industry/company sponsored candidates.
Rs 9,000/- for Government agencies/ Academic institutions and others.
(Fee Inclusive of GST, Registration kit, working lunch & Session tea.)
Certificate will be issued to the participants on successful completion of the training program.
Accommodation available on first-come-first-served basis (hostel facility with non-AC rooms on twin-sharing basis).
Contact us:
Coordinator, Short Term Courses,
C.F.T.R.I, Mysore – 570 020, India
: 0821 – 2514310,
Fax : 0821 – 2517233
E -: stc@cftri.res.in.

CSIR-NEERI, Nehru Marg, Nagpur-440020
Green Skill Training Program on
"Water Quality: Testing and Data Management
January 07-09, 2026

NEERI

OBJECTIVES

Water quality testing involves analysing water samples to determine the presence and concentration of various physical, chemical, and biological parameters. These tests help assess the suitability of water for specific uses, such as drinking, irrigation, or industrial processes, and ensure it meets safety standards.

This training module aims at peoviding the participants with following objectives:

- To produce valid data & information on the quality of water, for appropriate treatment and management
- To ensure meaningful water quality assessment
- To have confidence in results, based on standardized procedures for all components of water quality monitoring
- Validation of water quality data

COURSE CONTENTS

- Introduction to drinking water quality
- Important water quality parameters and their testing methods
- Hands on training for testing of water quality parameters
- Instrumentation techniques for water quality testing
- Water quality data management
- Ensuring Quality assurance and quality control (QAQC) in water quality data

VENUE: CSIR-NEERI, Nagpur

MODE OF TRAINING: Classroom lectures/ demonstration/ interaction. The lecture material shall be provided to the participants after the completion of the program.

REGISTRATION

- Interested candidates (Educational qualification: Graduate in Science / Engineering & above) can register through weblink: https://forms.gle/u2kA1RLcDKcVEuQy8
- Registration fees: Rs. 3000/-
- Closing Date: December 07, 2025
- Seats are limited (20 seats) and registration will be confirmed on first come first get basis by email. Registration weblink will be closed after receiving requisite registrations.
- Accommodation (twin sharing basis) at CSIR-NEERI Guest House can be arranged for registered participants only on payment basis, if available
- For query/assistance, contact on mobile no 9860248073, 9503138008

CERTIFICATE OF PARTICIPATION: Certificate of Participation will be issued on successful completion.

DIRECTOR	GREEN SKILLS COORDINATOR	COURSE COORDINATOR
Dr. S. Venkata Mohan Director CSIR-NEERI	**Dr. Harshvardhan Singh** Chief Scientist & In-Charge, Skill Development Centre (SDC)	**Dr. G.K.Khadse** Chief Scientist, Water Resources (WR)

CSIR- Centre for Cellular & Molecular Biology

Skill Development Program
On
Zebrafish Husbandry & Microinjection

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

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

Training Dates
05th to 10th January 2026

About the course:

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

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

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

Scan to Apply

MINISTRY OF MSME SPONSORED

TWO DAYS SKILL TRAINING PROGRAM
on
LIFE CYCLE ASSESSMENT STUDIES & CARBON CREDITS QUANTIFICATION
(Entrepreneurship Awarness Program)

(Selected Participants From The Course Will Be Eligible For Fully Funded 5 Days Residential Program At NIIST During February 2026)

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

Transaction details along with a resume (mentioning educational qualification and experience) must be sent by mail to: esdp.niist@gmail.com

To impart basic knowledge and awareness about the recently announced Carbon Credits Trading Scheme of Govt. of India and to impart knowledge on how LCA tools can be used for carbon credits study.

niist

Online event on: 28, 29 December 2025

Course fee:
Rs. 1000/- (UG/PG Students)
Rs. 1500/- (PhD Scholars)
Rs. 2000/- (Faculties and Industry Personals)*
*Fee is waived for Licencees of NIIST Technologies

The participants from the online course will be shortlisted and becomes eligible for the fully funded residential program on "Empowering MSMEs: Leveraging Life Cycle Assessment & Carbon Credits for Sustainable Growth and Market Advantage" with free boarding and lodging facilities.

Last Date to Apply: 26th December 2025

28 December 2025 (7:30 - 9:30 PM)
- Introductory class about the course
- Assistance in downloading openLCA & Simapro
- Discussion of problem statement

29 December 2025 (10.00 AM – 12.30 PM)
- Introduction to Life Cycle Assessment (LCA)
- Effectiveness of Carbon Credits Trading Scheme of GOI and How MSMEs can earn carbon credits

29 December 2025 (2.00 PM – 4.00 PM)
- Demonstration of LCA in SimaPro and OpenLCA
- Application of LCA in calculating Green House Gas emissions
- Demonstration of LCA studies on bioethanol production, cement manufacturing and electricity generation

Who can apply?
Government Officials involved with Policy Decisions, Scientists and Professionals from Govt Autonomous Bodies, Entrepreneurs and Industrialists, MSMEs/Start-ups, UG/PG and PhD scholars from relevant fields and others who wish to explore and practice LCA for their processes.

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

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

Course Coordinator:
Dr. T. Venkatesh (Senior Scientist)
Dr. V. Moni (Senior Principal Scientist)

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

CSIR-NEERI, Nehru Marg, Nagpur-440020
Green Skilling Training Program on
"Monitoring and Analysis of Volatile Organic Compounds as Air Pollutant and Control Measures"
January 29-30, 2026

NEERI

OBJECTIVES

Rapid urbanization and industrialization contribute to the growing emissions of Volatile Organic Compounds (VOCs) in air. Emission of VOCs can be from a wide range of outdoor and indoor sources. VOCs are a group of carbon-based chemicals that easily evaporate at room temperature. VOCs have been identified as highly toxic in nature and may have both short/ long term effect on human health as well as on environment. Identifying these VOCs becomes an important task in the process of monitoring and their control. This training programme aims to provide an insight on VOCs, sampling, analysis and control measures.

COURSE CONTENTS

- Introduction to VOCs as Air Pollutant
- Monitoring of VOCs (Instrumental training for selected VOCs)
- Analysis and Detection of VOCs (using Gas Chromatography)
- An overview on VOCs mapping and modelling
- Technology based control measures for VOCs

VENUE: CSIR-NEERI Hyderabad Zonal Centre, IICT Campus, Uppal Road, Hyderabad

MODE OF TRAINING: Classroom lectures/ demonstration/ interaction. The lecture material shall be provided to the participants after the completion of the program.

REGISTRATION

- Interested candidates (Educational qualification: Graduate in Science / Engineering & above) may submit the application through the web link: https://forms.gle/KoVzvyiARW6ddXNc8
- Email will be sent to screened applicants for payment of registration fees
- Confirmation of registration will be communicated after receipt of registration fees.
- Seats are limited and registration will be done on first-come-first get basis.
- Accommodation (twin sharing basis) at Guest House can be arranged for registered participants only on payment basis, if available

CERTIFICATE OF PARTICIPATION: Certificate of Participation will be issued on successful completion.

DIRECTOR	GREEN SKILLS COORDINATOR	COURSE COORDINATOR
Dr. S. Venkata Mohan Director, CSIR-NEERI	**Dr. Harshvardhan Singh** Chief Scientist & In-Charge, Skill Development Centre (SDC)	**Dr. Basha Shaik** Chief Scientist & Chair **Dr. TVBPS Ramakrishna** Senior Principal Scientist **Dr. Satinder Kaur** Senior Technical Officer (2) Hyderabad Zonal Centre

CSIR-CCMB

Skill Development Program
On
"Wildlife DNA Forensics" (WF-15)
27th – 31st January 2026

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

Eligibility:
1. **Working Officers:** Any officer working in wildlife and forest departments at/a over the Range Forest Officer, Police, coastguard, customs, central excise, Food safety authentication department, judiciary, law enforcement department, academic institution, university or a research laboratory
2. **Students:** B.Sc. degree holders and above

No. of seats	: 10-12
Target Audience	: Bachelors/Masters in any branch of Life Science/Allied areas
Mode of the Course	: In-house training at CCMB, Hyderabad
Mode of selection	: Application form & Statement of Purpose
Fee Particulars	: Rs.18,000/- (including accommodation & GST)
Course Code	: **WF-15**
Apply using the link	: http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum:
- Introduction to DNA, DNA technology and its applications including wildlife forensics
- Status of Wildlife crime in India and abroad
- Case Studies from LaCONES, CSIR-CCMB
- Demonstration of collection, preservation, packaging and transportation of biological samples collected in the field
- Isolation of DNA from various type of biological samples
- Quantification of DNA by spectrophotometric and in-gel methods
- Provide knowledge about the "Universal Primers" technology for Species Identification developed by CCMB.
- PCR amplification of the DNA isolated from various types of biological samples
- Sequencing and Data analysis of PCR products for Species Identification from various type of biological samples
- Understanding the use of Microsatellite markers and Sex specific markers for individual identification, relatedness, sexing and repatriation.
- PCR amplification using single/multiplex markers
- Genotyping and scoring of alleles: DNA profiling
- Data analysis for individual identification, relatedness, sexing and repatriation
- Troubleshooting & Report preparation
- Impart knowledge about the legal application and implication of the DNA analysis report generated

Salient Features of the Training:
- Expert instructors/Resource Persons will provide lectures and hands on training
- Exposure to laboratory safety regulations
- Interaction with the **leading scientists and experts** in the field
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Scan to Apply

Course Coordinator:
Dr. Ajay Gaur
Senior Principal Scientist
Wildlife Forensics
CSIR-CCMB, Hyderabad.

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

सी.एस.आई.आर. - हिमालय जैवसंपदा प्रौद्योगिकी संस्थान, पालमपुर
CSIR - Institute of Himalayan Bioresource Technology, Palampur
पोस्ट बॉक्स न. 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
Plant Tissue Culture Technician
Course Code: AGR/Q8101, NSQF Level-4

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

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

Course Start Date: 5th January, 2026

Last date of receiving application: 26.12.2025
Course fee : Rs. 10000/-
No. of Seats : 20
Education Qualification : 12 or equivalent (Science)
OR
10th Grade Pass with 3-year relevant experience
OR
Previous relevant Qualification of NSQF Level 3.5 with 1.5-year relevant experience in Agriculture and allied sectors
OR
Previous relevant Qualification of NSQF Level 3.0 with 3- year relevant experience in Agriculture and allied sectors

Course-coordinator
Dr. Ashish R. Warghat

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

Course Duration: 390 Hours
60 Days Approx.

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

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

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

CSIR-CCMB

Skill Development Program
On
"Introduction to IPR and Patents"
04th- 06th February 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	:	04th – 06th February 2026
Mode of the Course	:	Hybrid mode
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 7,500/- (including GST & Accommodation)
Apply using the link	:	http://recruitment.ccmb.res.in/training_programs/sdp/
Course Code	:	IPRPAT-3

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

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

Scan to Apply

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

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

CSIR-CCMB

Skill Development Program
On
"Next-Generation Sequencing and Bioinformatics: From Bench to Insight"
16th – 20th February 2026

The CSIR-Center for Cellular and Molecular Biology is organizing a hands-on training on **"Next-Generation Sequencing and Bioinformatics: From Bench to Insight"** (NGS-1) 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 advanced-level workshop is intended to train participants in the principles and practical aspects of Next-Generation Sequencing (NGS) using Illumina and Oxford Nanopore platforms. It will be supplemented with expert lectures, hands-on training in library preparation, sequencing run setup, and bioinformatics data analysis for comprehensive end-to-end learning

No. of seats	:	20
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Mode of the Course	:	In-house training at CCMB, Hyderabad
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18000/- (Including accommodation & GST)
Course Code	:	**NGS-1**

Training Curriculum:
- DNA/RNA quality control (QC) using Qubit and TapeStation, data interpretation, and sample preparation for sequencing
- Illumina library preparation, followed by library QC, sequencer setup and run demonstration
- Oxford-Nanopore library preparation, followed by flow cell loading, sequencer setup, and run demonstration
- Raw data QC and adapter trimming, followed by sequence alignment, SAM format, variant calling, VCF, variant annotation, and introduction to long-read sequencing (LRS) data analysis

Salient Features of the Training:
- Exposure to multiple sequencing platforms and comparison of short-read (Illumina) and long-read (Oxford-Nanopore) technologies
- Expert lectures from scientists, and experienced NGS facility staff on sequencing principles, emerging technologies, and real-world applications
- Training in basic bioinformatics tools for quality assessment, read alignment, annotation, variant calling and data analyses
- Exposure to laboratory safety regulations
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation

Apply using the link/scanner: http://recruitment.ccmb.res.in/training_programs/sdp/

Scan to Apply

Course Coordinators:
Dr. Subhajit Sen
Scientist, CSIR-CCMB, Hyderabad
Dr. Karthik Bharadwaj
Senior Scientist, CSIR-CCMB, Hyderabad
Dr. Divya Tej Sowpati
Senior Scientist, CSIR-CCMB, Hyderabad

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

CSIR-CCMB

Skill Development Program on "R in Biology"

23rd – 27th February 2026

The CSIR-Center for Cellular and Molecular Biology is organizing a hands-on training on **"R in Biology" (R-1)** 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 workshop intended to **equip researchers, students, and faculty with computational and analytical skills** necessary to handle, analyze, and interpret biological data using the **R programming language**.

No. of seats	:	20
Target Audience	:	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Mode of the Course	:	In-house training at CCMB, Hyderabad
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18000/- (Including accommodation & GST)
Course Code	:	**R-1**

Training Curriculum:

- Introduction to R, R Studio & Programming
- Introduction to tidyverse and dplyr
- Data Visualization with ggplot2
- More Data Visualization – Heat Maps Volcano Plots etc.,
- Case study - Analyzing real RNA-Seq data & Metgenomics data

R IN BIOLOGY

Salient Features of the Training:

- Bridge the gap between biology and data science
- Develop proficiency in data visualization, analysis, and modeling
- Gain foundational skills in R programming and environment configuration.
- Efficiently handle and process data using R's tools and structures
- Communicate findings visually through effective data visualizations in R.
- Lectures from experts of CCMB
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation

Scan to Apply

Apply using the link/scanner: http://recruitment.ccmb.res.in/training_programs/sdp/

Course Coordinator:
Dr. Nitesh Kumar Singh,
Senior Technical Officer,
CSIR-CCMB,
Hyderabad.

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

CSIR-CCMB

Skill Development Program On "LC-MS based Proteomics"

23rd – 28th March 2026

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for six days on **"LC-MS based Proteomics"** targeted to faculty/researchers from Universities/ institutesas well as people working in the industry in the field of Life Sciences, Medical Sciences, PharmaceuticalScience & allied areas. This introductory workshop is intended for beginners to teach and train them about the basics of proteomics and its applications in research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

Duration	:	6 days
No. of seats	:	8-10
Target Audience	:	Faculty/ Researcher from Academia/Industries/Institutes
Minimum Qualification	:	Masters in any branch of Life Science/Allied areas
Dates	:	23rd to 28th March 2026
Mode of the Course	:	In-house training at CCMB
Mode of selection	:	Application form & Statement of Purpose
Course Fee	:	Rs. 18,000/- (includes accommodation and GST)
Apply using the link	:	http://recruitment.ccmb.res.in/training_programs/sdp/
Course Code	:	**PROTEO-5**

Training Curriculum for Course:

- Basic operational fundamentals of liquid chromatography, mass spectrometry, and LC/MS interface
- Qualitative and quantitative aspects of LC- MS: from simple molecular weight determination to large scale proteome analysis
- Sample preparation of LC-MS, SDS PAGE, staining/destaining, processing of gel pieces towards in-gel trypsin digestion, extraction of peptides, desalting
- LC-MS run & interpretation & analysis of MS data

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
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions

Scan to Apply

Training Coordinator:
Dr. Swasti Raychaudhuri
Senior Principal Scientist,
Proteomics,
CSIR-CCMB Hyderabad.

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

NEWS CLIPPINGS
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the political and business daily
www.pbdodisha.in

CSIR-IMMT Bhubaneswar launches 5-Day workshop on "Opportunities in Battery Materials and Recycling"

PBD BUREAU
BHUBANESWAR, OCT 8

CSIR-INSTITUTE of Minerals and Materials Technology, Bhubaneswar inaugurated a 5-day Skill Development Programme and Workshop on "Opportunities in Battery Materials and Recycling" with a focus on MSMEs, entrepreneurs, and young researchers. The programme was formally inaugurated by PK Gupta, Joint Director and Head of Office, MSME Development Institute, Cuttack.

Coordinating the programme, Dr Umapathi Balaji, Principal Scientist, CSIR-IMMT, stated that the workshop has been structured in two phases. The first phase, being held during 8th and 9th December, is designed to provide MSMEs and entrepreneurs with a comprehensive understanding of emerging battery chemistries, material development, and recycling technologies aligned with the principles of circular economy. The second phase, to be held during 15 to 17 December, is dedicated to skill development of postgraduate students, offering fundamental concepts along with hands-on training in battery materials and recycling processes.

He also emphasised the growing business opportunities in next-generation batteries beyond lithium-ion, including aluminium-air systems, and highlighted multiple government schemes available to support MSMEs and start-ups in Odisha. The programme is being jointly conducted under the IMMT-DSIR-CRTDH (Common Research and Technology Development Hub), CSIR Integrated Skill Initiative and the Innovative Technology Enabling Center (InTEC) at CSIR-IMMT.

Dr YS Chaudhary, Chief Scientist, and Coordinator CRTDH informed that the IMMT-DSIR-CRTDH at CSIR-IMMT plays a crucial role in supporting entrepreneurs through access to common research facilities for battery materials fabrication and recycling, along with scientific and technical mentoring for start-up ventures.

Dr T. Pavan Kumar, Principal Scientist and Manager, InTEC, CSIR-IMMT, stated that 18 start-up ventures have already been incubated and supported by InTEC with guidance on technology development and intellectual property protection. He also mentioned that CSIR IMMT has been recently identified as a Technology Transfer Facilitation Center (TTFC) to assist MSMEs and startups to secure patents and enable commercialization.

Dr Mamata Mohapatra, Chief Scientist, highlighted the significant and ongoing research contributions of CSIR-IMMT in the battery and energy storage sector.

Senior-most Chief Scientist, Dr Laxmidhar Besra, thanked the participants for their enthusiastic participation and emphasised the importance of bringing students and MSMEs onto a common platform to promote meaningful exchange of ideas. He also encouraged participants to explore collaborative opportunities within Odisha for technology development and industrial growth.

While inaugurating the programme, PK Gupta appreciated CSIR-IMMT for organising a workshop exclusively focused on MSMEs, entrepreneurs, and students in a strategically important sector. He highlighted the various funding and policy support mechanisms available for MSMEs in Odisha and urged participants to leverage the opportunity for business growth, innovation, and technology adoption.

The workshop reflects CSIR-IMMT's commitment to strengthening Odisha's role in advanced battery materials, recycling technologies, and sustainable industrial development.

'कौशल विकास को उद्योग संग बढ़ाएंगे भागीदारी'

NBT रिपोर्ट, लखनऊ : व्यावसायिक शिक्षा एवं कौशल विकास विभाग ने मंगलवार को 'यूपी सीएसआर राउंडटेबल- 2025 ऑन स्किलिंग एंड एम्प्लॉयबिलिटी' का आयोजन किया। इसमें 30 से अधिक कंपनियों, संस्थाओं ने हिस्सा लिया। विभागीय मंत्री कपिलदेव अग्रवाल ने कहा कि प्रशिक्षण की गुणवत्ता सुधारना, उभरते कौशल क्षेत्रों में पहुंच का विस्तार और उद्योग-संलग्न प्रशिक्षण मॉडल को बढ़ावा देना विभाग की शीर्ष प्राथमिकताओं में शामिल है। इसी के अनुरूप उद्योगों संग भागीदारी और बढ़ाई जाएगी। प्रमुख सचिव हरिओम ने कहा कि सरकार कौशल-आधारित मानव संसाधन निर्माण के लिए व्यापक संरचनात्मक सुधार कर रही है। आईबीएम, लेनोवो, सीमेंस और बजाज ने लक्षित कौशल विकास पहलों के लिए लेटर ऑफ इंटेंट प्रस्तुत किए।

ସିଏସ୍‌ଆଇଆର –ଆଇଏମଏମଟି ପକ୍ଷରୁ ବ୍ୟାଟେରୀ ସାମଗ୍ରୀ ଓ ପୁନଃଚକ୍ରଣରେ ସୁଯୋଗ ଶୀର୍ଷକ କର୍ମଶାଳା

ଭୁବନେଶ୍ୱର,୧୦।୧୨(ନି.ପ୍ର): ସିଏସ୍‌ଆଇଆର -ଆଇଏମଏମଟି ଭୁବନେଶ୍ୱର ପକ୍ଷରୁ ଏମ୍‌ଏସ୍‌ଏମ୍‌ଇ , ଉଦ୍ୟୋଗୀ ଏବଂ ଯୁବ ଗବେଷକଙ୍କ ଉପରେ ଧ୍ୟାନ ଦେଇ ବ୍ୟାଟେରୀ ସାମଗ୍ରୀ ଏବଂ ପୁନଃଚକ୍ରଣରେ ସୁଯୋଗ ଶୀର୍ଷକ ଏକ ପାଞ୍ଚ ଦିନିଆ ଦକ୍ଷତା ବିକାଶ କାର୍ଯ୍ୟକ୍ରମ ଏବଂ କର୍ମଶାଳାର ଶୁଭାରମ୍ଭ ହୋଇଛି । ଏହି କାର୍ଯ୍ୟକ୍ରମକୁ ଏମ୍‌ଏସ୍‌ଏମ୍‌ଇ ବିକାଶ କଟକ ପ୍ରତିଷ୍ଠାନର ଯୁଗ୍ମ ନିର୍ଦ୍ଦେଶକ ଏବଂ କାର୍ଯ୍ୟାଳୟ ମୁଖ୍ୟ ପି. କେ. ଗୁପ୍ତା ଆନୁଷ୍ଠାନିକ ଭାବରେ ଉଦଘାଟନ କରିଏକ ରଣନୈତିକ ଭାବରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ କ୍ଷେତ୍ରର ଏମଏସଏମଇ, ଉଦ୍ୟୋଗୀ ଏବଂ ଛାତ୍ରଛାତ୍ରୀଙ୍କ ଉପରେ ସ୍ୱତନ୍ତ୍ର ଭାବରେ କେନ୍ଦ୍ରିତ ଏକ କର୍ମଶାଳା ଆୟୋଜନ କରିବା ପାଇଁ ସିଏସଆଇଆର-ଆଇଏମଏମଟିଙ୍କୁ ପ୍ରଶଂସା କରିଥିଲେ। ସେ ଓଡ଼ିଶାରେ ଏମଏସଏମଇ ପାଇଁ ଉପଲବ୍ଧ ବିଭିନ୍ନ ପାଣ୍ଠି ଏବଂ ନୀତିଗତ ସମର୍ଥନ ବ୍ୟବସ୍ଥା ଉପରେ ଆଲୋକପାତ କରିଥିଲେ ଏବଂ ଅଂଶଗ୍ରହଣକାରୀମାନଙ୍କୁ ବ୍ୟବସାୟ ଅଭିବୃଦ୍ଧି, ନବସୃଜନ ଏବଂ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ଗ୍ରହଣ ପାଇଁ ସୁଯୋଗର ସଦୁପଯୋଗ କରିବାକୁ ଅନୁରୋଧ କରିଥିଲେ। କାର୍ଯ୍ୟକ୍ରମର ସଂଯୋଜନା କରି ସିଏସ୍‌ଆଇଆର-

ଆଇଏମଏମଟିର ପ୍ରମୁଖ ବୈଜ୍ଞାନିକ ଡକ୍ଟର ଉମାପଥି ବାଲାଜୀ କହିଛନ୍ତି ଯେ, ଏହି କର୍ମଶାଳା ଦୁଇଟି ପର୍ଯ୍ୟାୟରେ ସଂଗଠିତ ହୋଇଛି। ପ୍ରଥମ ପର୍ଯ୍ୟାୟ ଚଳିତ ମାସ ୮ ଏବଂ ୯ ମଧ୍ୟରେ ଅନୁଷ୍ଠିତ ହେବାକୁ ଯାଉଛି, ଏହା ଏମ୍‌ଏସ୍‌ଏମ୍‌ଇ ଏବଂ ଉଦ୍ୟୋଗୀମାନଙ୍କୁ ଉଦୀୟମାନ ବ୍ୟାଟେରୀ ରସାୟନ ବିଜ୍ଞାନ, ସାମଗ୍ରୀ ବିକାଶ ଏବଂ ପୁନଃଚକ୍ରଣ ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ବିଷୟରେ ବ୍ୟାପକ ବୁଝାମଣା ପ୍ରଦାନ କରିବା ପାଇଁ ଡିଜାଇନ୍ କରାଯାଇଛି, ଯାହା ବୃତ୍ତାକାର ଅର୍ଥନୀତିର ନୀତି ସହିତ ସମନ୍ୱିତ। ଦ୍ୱିତୀୟ ପର୍ଯ୍ୟାୟ ଚଳିତ ମାସ ଡିସେମ୍ବର ୧୫ ରୁ ୧୭ ମଧ୍ୟରେ ଅନୁଷ୍ଠିତ ହେବ। ସିଆର୍‌ଟିଡିଏଚ୍‌ର ମୁଖ୍ୟ ବୈଜ୍ଞାନିକ ଏବଂ ସଂଯୋଜକ ଡକ୍ଟର ୱାଇ.ଏସ୍. ଚୌଧୁରୀ ସୂଚନା ଦେଇଛନ୍ତି ଯେ ସିଏସ୍‌ଆଇଆର-ଆଇଏମଏମଟି ରେ ଆଇଏମଏମଟି-ଡିଏସଆଇଆର୍-ସିଆରଟିଡିଏଚ ଷ୍ଟାର୍ଟ-ଅପ୍ ଉଦ୍ୟୋଗ ପାଇଁ ବୈଜ୍ଞାନିକ ଏବଂ ବୈଷୟିକ ପରାମର୍ଶ ସହିତ ବ୍ୟାଟେରୀ ସାମଗ୍ରୀ ନିର୍ମାଣ ଏବଂ ପୁନଃଚକ୍ରଣ ପାଇଁ ସାଧାରଣ ଗବେଷଣା ସୁବିଧା ଉପଲବ୍ଧତା ମାଧ୍ୟମରେ ଉଦ୍ୟୋଗୀମାନଙ୍କୁ ସମର୍ଥନ କରିବାରେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଭୂମିକା ଗ୍ରହଣ କରେ। ସିଏସ୍‌ଆଇଆର-ଆଇଏମଏମଟିର ଆଇଏନଟିଇସିର ପ୍ରମୁଖ ବୈଜ୍ଞାନିକ ଏବଂ ପରିଚାଳକ ଡକ୍ଟର ଟି. ପବନ କୁମାର କହିଛନ୍ତି ଯେ ଆଇଏନ୍‌ଟିଇସି ଦ୍ୱାରା ପ୍ରଯୁକ୍ତିବିଦ୍ୟା ବିକାଶ ଏବଂ ବୌଦ୍ଧିକ ସମ୍ପତ୍ତି ସୁରକ୍ଷା ଉପରେ ମାର୍ଗଦର୍ଶନ ସହିତ ୧୮ଟି ଷ୍ଟାର୍ଟ-ଅପ୍ ଉଦ୍ୟୋଗକୁ ପୂର୍ବରୁ ପ୍ରୋତ୍ସାହିତ ଏବଂ ସମର୍ଥନ କରାଯାଇଛି। ମୁଖ୍ୟ ବୈଜ୍ଞାନିକ ଡକ୍ଟର ମମତା ମହାପାତ୍ର ବ୍ୟାଟେରୀ ଏବଂ ଶକ୍ତି ସଂରକ୍ଷଣ କ୍ଷେତ୍ରରେ ସିଏସ୍‌ଆଇଆର-ଆଇଏମଏମଟିର ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଏବଂ ଚାଲୁଥିବା ଗବେଷଣା ଅବଦାନ ଉପରେ ଆଲୋକପାତ କରିଥିଲେ।ବରିଷ୍ଠତମ ମୁଖ୍ୟ ବୈଜ୍ଞାନିକ ଡକ୍ଟର ଲକ୍ଷ୍ମୀଧର ବେହେରା ଅଂଶଗ୍ରହଣକାରୀମାନଙ୍କୁ ସେମାନଙ୍କର ଉତ୍ସାହୀ ଅଂଶଗ୍ରହଣ ପାଇଁ ଧନ୍ୟବାଦ ଜଣାଇଥିଲେ ଏବଂ ଚିନ୍ତାଧାରାର ଅର୍ଥପୂର୍ଣ୍ଣ ଆଦାନପ୍ରଦାନକୁ ପ୍ରୋତ୍ସାହିତ କରିବା ପାଇଁ ଛାତ୍ରଛାତ୍ରୀ ଏବଂ ଏମଏସଏମଇଗୁଡ଼ିକୁ ଏକ ସାଧାରଣ ମଞ୍ଚକୁ ଆଣିବାର ଗୁରୁତ୍ୱ ଉପରେ ଗୁରୁତ୍ୱାରୋପ କରିଥିଲେ।

युवाओं को कौशल विकास से जोड़ने पर जोर, ओरिएंटेशन वर्कशॉप आयोजित

जन एक्सप्रेस । लखनऊ

■ प्रशिक्षणार्थियों के लिए सार्थक और टिकाऊ रोजगार के अवसर सुनिश्चित करना ही मिशन का मूल उद्देश्य है

वित्तीय वर्ष 2025-26 में प्रशिक्षण कार्यक्रमों के सुचारु संचालन हेतु उत्तर प्रदेश कौशल विकास मिशन एसडीएम द्वारा आज मिशन मुख्यालय, लखनऊ में ओरिएंटेशन वर्कशॉप का आयोजन किया गया। वर्कशॉप की अध्यक्षता मिशन निदेशक पुलकित खरे ने की।मिशन निदेशक ने प्रशिक्षण की गुणवत्ता को सर्वोच्च प्राथमिकता बताते हुए कहा कि प्रशिक्षणार्थियों के लिए सार्थक और टिकाऊ रोजगार के अवसर सुनिश्चित करना ही मिशन का मूल उद्देश्य है। उन्होंने स्पष्ट किया कि ट्रेनिंग ऑफ ट्रेनर्स को मजबूती दी जाएगी और केवल सेक्टर स्किल काउंसिल द्वारा प्रमाणित ट्रेनर ही प्रशिक्षण देने के पात्र होंगे।इस अवसर पर अपर मिशन निदेशक प्रिया सिंह ने प्रशिक्षण प्रदाताओं को निर्देशित किया कि वे अधिक से अधिक युवाओं को कौशल विकास कार्यक्रमों से जोड़ें, ताकि युवा सशक्त बनकर उत्तर प्रदेश की प्रगति में सहभागी बन सकें।वर्कशॉप में उपस्थित प्रशिक्षण प्रदाताओं को मिशन पोर्टल की विभिन्न गतिविधियों, प्रक्रियाओं और नवीन अपडेट्स की विस्तृत जानकारी प्रदान की गई।इस अवसर पर संयुक्त निदेशक मयंक गंगवार, सहायक निदेशक डॉ. एमके सिंह तथा सहायक प्रबंधक आईटी विनय नामदेव उपस्थित रहे।

A capacity-building workshop held at the Mission Headquarters

A capacity-building workshop was held at the UP Skill Development Mission Headquarters under the Chairmanship of Mission Director Pulkit Khare to strengthen the effective and results-oriented implementation of the state's youth skill development and employment initiatives. IIM professor conducted interactive sessions using the 'Richard Williams Case Study' to highlight the importance of strategic thinking, planning, and effective ground-level implementation to achieve the mission's goals. The Mission Director highlighted the importance of a clear vision, strategic planning, resource optimization, teamwork, timely implementation, and field monitoring for quality skill training of youth and to connect trained youth with employment and self-employment opportunities. The workshop provided officers with practical guidance, renewed motivation, and a broader perspective to achieve greater mission outcomes. The workshop was also attended by Additional Mission Director Priya Singh, Joint Director Mayank Gangwar, Assistant Directors Aashish Kumar and Dr. M.K. Singh, along with Assistant Managers and State Program Managers.

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कौशल विकास में सहयोग देंगी दिग्गज कंपनियां

• आइबीएम, लेनोवो, सीमेंस और बजाज ने जारी किए इच्छा पत्र

• जेनरेशन इंडिया फाउंडेशन ने रोजगार केंद्रित प्रशिक्षण को किया करार

राज्य ब्यूरो, जागरण• लखनऊ: प्रदेश में कौशल विकास और रोजगार सृजन को बढ़ावा देने के लिए राजधानी में आयोजित यूपी सीएसआर राउंड टेबल 2025 आन स्किलिंग एंड इम्प्लायबिलिटी में देश की 30 से अधिक प्रमुख कंपनियों ने हिस्सा लिया। इसमें उद्योग और सरकार के बीच प्रभावी साझेदारी के जरिये युवाओं को उद्योग-उन्मुख प्रशिक्षण से जोड़ने पर चर्चा हुई। आइबीएम, लेनोवो, सीमेंस और बजाज (टाटा ट्रस्ट्स) ने कौशल विकास कार्यक्रमों को सहयोग देने के लिए लेटर आफ इंटेंट (एलओआइ) जारी किए, जबकि जेनरेशन इंडिया फाउंडेशन ने रोजगार-केंद्रित प्रशिक्षण के लिए एमओयू पर हस्ताक्षर किए।

व्यावसायिक शिक्षा, कौशल विकास एवं उद्यमशीलता विभाग के प्रमुख सचिव डा. हरिओम व मिशन निदेशक पुलकित खरे मंगलवार को आयोजित कार्यक्रम में प्रमुख कंपनियों के प्रतिनिधियों के साथ वार्ता करते हुए। •सूचना विभाग

व्यावसायिक शिक्षा, कौशल विकास एवं उद्यमशीलता विभाग युवाओं को रोजगार के बेहतर अवसर देने के लिए कौशल शिक्षा को आधुनिक और उद्योग-संलग्न बनाने पर तेजी से काम कर रहा है। सरकार का लक्ष्य है कि प्रदेश के युवाओं में ऐसे कौशल विकसित किए जाएं, जिनकी बाजार में सीधी मांग हो। कार्यक्रम में प्रमुख सचिव डा. हरि ओम ने कहा कि राज्य सरकार कौशल-आधारित मानव संसाधन तैयार करने के लिए बड़े पैमाने पर सुधार कर रही है। जिलों और ब्लाकों तक प्रशिक्षण ढांचे को मजबूत किया जा रहा है। स्मार्ट लैब्स और आधुनिक उपकरण उपलब्ध कराए जा रहे हैं। उद्योगों की जरूरतों के अनुसार नए पाठ्यक्रम विकसित किए जा रहे हैं। उद्योग जगत की गहरी भागीदारी से युवाओं को उच्च गुणवत्ता वाले रोजगार अवसर मिलेंगे। मिशन निदेशक पुलकित खरे ने कहा कि सीएसआर साझेदारी से कौशल प्रशिक्षण और सशक्त होगा। मिशन डिजिटल कौशल, ग्रीन स्किल्स, एडवांस्ड मैन्युफैक्चरिंग, सर्विस सेक्टर आधारित नौकरियों और महिला-प्रधान आजीविका कार्यक्रमों पर खास फोकस कर रहा है। बहुराष्ट्रीय कंपनियों की भूमिका अप्रेंटिसशिप को भी और मजबूत करेगी।

राउंड टेबल में [illegible] बैंक, हुंडई, टाटा ट्रस्ट्स, रिलायंस फाउंडेशन, शिव नाडर फाउंडेशन सहित कई प्रमुख संस्थानों ने हिस्सा लिया।

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- India Skills 2025 inaugurated at Kohima
- CJI launches skill development centres, polytechnic courses for inmates across Haryana jails | Latest News Delhi
- Bridging the talent and skill gap is crucial: Sandeep Kumar, Chief Executive, L&T Semiconductor Technologies
- IGNOU partners with MSDE to establish 70 skill centres in nation
- How early exposure to skills shapes innovative mindsets
- Rustom Kerawalla Highlights the Growing Impact of Government Skill Development Programmes on India's Youth - PNN Digital
- AI won't take our jobs – if we train for the right ones
  The skills gap, not capital, is India's real green energy bottleneck
- Ministry of Labour, Microsoft partner to expand employment linkages, scale AI-led skilling
- Future Skills PRIME benefits over 15.78 lakh candidates in IT sector
- कौशल प्रशिक्षण कंपनियों पर कसेगा शिकंजा, बदली चयन प्रक्रिया।
- परियोजना प्रभावित युवाओं के लिए कौशल विकास प्रशिक्षण शुरू
- इंडस्ट्री के मांग की अनुसार आधुनिक ट्रेड्स में युवाओं को दिया जाए प्रशिक्षण : मुख्यमंत्री डॉ. यादव
- यूपी में कौशल प्रशिक्षण में अब गरीब परिवारों को दी जाएगी प्राथमिकता, लागू होगी ये नई व्यवस्था
- लखनऊ में युवाओं को रोजगार के लिए करेंगे प्रशिक्षित:कौशल विकास मिशन और फॉरेंसिक साइंस इंस्टीट्यूट की संयुक्त पहल
- Skill India : स्किल इंडिया पहल को बढ़ावा देने के लिए मिलाए हाथ, छात्रों का होगा कौशल विकास

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- Cognizant beats 1 mn AI skilling goal, doubles target to 2 mn; over 1.5 lakh Indians benefit
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- 66 yearsof NTTF: Nation building through industry- ready talent
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- IITM Pravartak in Partnership With Simplilearn, Launches 'The Smart Shield: AI-Powered Cybersecurity Mastery Program'
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- विकास के लिए कौशल आधारित शिक्षा जरूरी : अवस्थी
- प्रतियोगिता में 229 प्रतिभागियो ने दिखाया कौशल ।
- बदलता यूपी: डिग्री के साथ अब हुनर भी, राज्य में युवाओं के लिए खुले रोजगार के नए द्वार
- Lakhimpur Kheri News: एडेड स्कूलों के छात्रों को दिया जाएगा रोजगारपरक कौशल प्रशिक्षण

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- India–Australia roundtable charts path for future-ready workforce.
- 46% of US Gen Z emplyoees plan to quit their job: Here's what is pushing them to leave
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