



CSIR-IICT



CSIR-NEERI



CSIR-CECRI



CSIR-NGRI

Editorial Team

- Dr Vinay Kumar
- Ms Neeti Sagar
- Sh J. Suriyanarayanan
- Dr Durgavati Yadav
- Mr Pradeep Kr Sharma
- Ms Sindhu Gupta

In this issue

- Skill Trainings by CSIR
- Upcoming Events
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- General Events
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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-IICT, Hyderabad organized a Training Program on "Animal Cell Culture Techniques" from 11th November to 16th December 2024 in association with Gujarat State Biotechnology Mission (GSBTM), Gujarat. 19 Postgraduate students in Life Sciences/ Biotechnology from different Universities / Institutions of Gujarat participated in this training. Dr D. Srinivasa Reddy Director, CSIR – IICT addressed the participants and course completion certificates were distributed to all the trainees. Dr Sistla Rama Krishna, Chair – Applied Biology Department, Dr D. Shailaja, Chair-Business Development and Research Management Division, Dr Sumana Chakravarty – Course Coordinator, Mr Anil Kumar Pulipaka, Nodal Officer-Skill Development, Dr Debasish Swain, Coordinator – Skill Development along with other colleagues and team members were present during the event.



CSIR-CECRI, Karaikudi organized a Two-day DST-SERB sponsored Research Facility Training (RFT) for Graduates from 16th-17th December 2024, and a Two-day DST-SERB sponsored upskilling FDP training workshop during 16th-17th December 2024, on "Solar Energy Technologies: Fundamentals to Device Fabrication". This program aims to provide the latest knowledge & skills about Solar Energy Technologies. This program was participated by 71 (Skill Development Program – 36, Research Facility Training-10, and upskilling FDP training workshop by 25) participants by represents different states of India viz. Tamil Nadu, Kerala, Karnataka, Uttarakhand, Telangana, Gujarat, Puducherry and Maharashtra.



CSIR-NGRI, Hyderabad organized a program on "Seismology-Theory, Practice and Applications" from 16th-27th, December 2024. Approximately 40 participants took part in the training program. A total of 18 participants from academic institutes or universities across India attended the skill development program. The primary goal of the course was to train a cadre of skilled seismologists who could conduct advanced research enquiries to better understand the seismogenesis of the Indian plate.



CSIR-NEERI, Nagpur organized a Training Program on "Ecology and Biodiversity Studies for EIA Projects" from 17th-19th, December 2024. Er Padma Rao, Chief Scientist & InCharge EIAAP, CSIR-NEERI Inaugurated the skill training program and addressed the participants. Dr S.Y. Bodkhe, Chief Scientist & Co chair, EIAAP welcomed the participants. Dr Sharda Kosankar, Principal Scientist, EIAAP & Course Co-Ordinator briefed about course details. Participants from rural and urban areas of different states (Maharashtra, Uttar Pradesh, Haryana, West Bengal, Telangana Tamil Nadu and Gujarat) had participated in the skill training program comprising technical presentations and Field studies in Aura Conservation Park & Buffer zone of Bor Tiger Reserve for Plankton, Macroinvertebrates, floral and faunal studies.



CSIR-CIMFR, Dhanbad organized a Training Program on “Fundamentals on Coal and Hydrocarbon Geosciences” from 16th- 17th December 2024. This program was attended by 30 MSc /PhD students from Vinoba Bhave University, Ranchi University, and IIT (ISM) Dhanbad.



UPCOMING EVENTS आगामी आयोजन

CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY
(Under Ministry of Science & Technology, Govt. of India)
Tarnaka, Uppal Road, Hyderabad - 500007, Telangana, India

CSIR-Indian Institute of Chemical Technology (CSIR-IICT) is a premier National R&D Institute having Eight decades partnership with Industry and contribution to the society. The Institute is located in a sprawling campus in the knowledge innovation hub of the city. CSIR-IICT is equipped with expert pool of scientists in Chemical, Biological, Analytical, Engineering, Environmental Research areas etc.

The **SKILL INDIA** Program at CSIR-IICT aims to create opportunities, space & scope for development of talents in the Indian Youth in the sectors which provide Employment and Entrepreneurial skills. The idea is to raise confidence, improve productivity, provide direction with a balanced growth.

Skill India

CSIR Integrated Skill Initiative

Courses

- Finishing School to Post-Graduates in Chemistry (16 weeks) (June 2024 - Oct 2024)
- CRISPR/Cas9 Mediated Gene Knockout in Cell Lines (2 weeks) (Aug 2024 - Sep 2024)
- Organic Coatings & Paints (1 week) (Sept 2024)
- Analytical Techniques in Food and Nutritional Chemistry (4 weeks) (Sep 2024 - Oct 2024)
- Animal Cell Culture Techniques (6 weeks) (Sep 2024 - Nov 2024)
- Powder X-Ray Diffraction-Hands on Training (1 week) (Oct 2024)
- Conventional Chromatographic and Spectral Analysis of Oil & Fats (3 days) (Oct 2024)
- Certificate Course in Basic Bioinformatics & Cheminformatics (2 weeks) (Jan 2025 - Feb 2025)

Salient Features

- Rigorous training in advanced topics by means of theory and Experimentation
- Personal Attention during Hands on sessions
- Exposure to Research areas in the Institute
- Evaluation of knowledge gained by weekly assignments
- Course completion **CERTIFICATE** to all the Trainees

Target Beneficiaries

Graduates & Post Graduates in Chemical / Biological / Environmental Sciences, etc.,

Nodal Officer- Skill Development
CSIR-Indian Institute of Chemical Technology, Tarnaka-Uppal Road, Hyderabad - 500 009, Telangana, India

Follow us... [sdp@iict.res.in](https://www.sdp@iict.res.in) [sdp@iict.res.in](https://www.facebook.com/sdp.iict) [sdp@iict.res.in](https://www.instagram.com/sdp.iict) [sdp@iict.res.in](https://www.linkedin.com/company/sdp-iict)
040-2783146

**Training on
“NMR - based Metabolomics”**

27th - 31st January 2025

The CSIR-Center for Cellular and Molecular Biology is conducting a hands-on training on “NMR - based Metabolomics” targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science, Chemistry & allied areas. This training caters to individuals with varying levels of expertise, offering education and training in a range of NMR Spectroscopy and demonstrating its applications in Metabolomics. The program includes informative lectures, practical hands-on sessions, and in-depth instructions on data collection and analysis using High Field NMR Spectrometer.

No. of seats	: 10-12
Minimum Qualification	: Masters in any branch of life Science/Chemical Sciences/Allied areas
Dates	: 27 th - 31 st January 2025
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (Including GST and Accommodation)

Training Curriculum:

Curriculum includes lectures and hands-on sessions on:

- Basics of NMR Spectroscopy
- Sample Preparation for Metabolomics
- Data Acquisition 1D and 2D NMR Experiments
- Data Processing and Analysis including Metabolites Identification and Quantification for all participants

Salient Features of the Training:

- Expert instructors will provide lectures and hands-on 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

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

Training Coordinator: Dr. Anant Bahadur Patel
Chief Scientist, NMR Spectroscopy and Microimaging
CSIR-CCMB, Hyderabad

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

सी.एस.आई.आर- हिमालय जैवसंपदा प्रौद्योगिकी संस्थान, पालमपुर
CSIR - Institute of Himalayan Bioresource Technology, Palampur
पोस्ट बॉक्स नं०. 06, पालमपुर - 176 061 (हिमाचल प्रदेश) भारत
Post Box. No. 06, Palampur - 176 061 (Himachal Pradesh) INDIA

CSIR- Integrated Skill Initiative (Phase-II)
Applications are invited for the Course of
Plant Tissue Culture Technician

(Course Code: AGR/Q8101, NSQF Level-4)

A Plant Tissue Culture (PTC) Technician program, certified by the Agriculture Skill Council of India (ASCI). This program provides technical and practical exposure in essential skills of PTC to unemployed youth to excel in PTC industries or laboratories.

Course Duration: 390 Hours
(50 Days Approx.)

Course Start Date: 20th January, 2025

Course Include:

- Prepare for Plant Tissue Culture
- Carry out Plant Tissue Culture
- Transplant the tissue cultured plants and maintain records
- Communicate effectively at the workplace
- Maintain health and safety at the workplace

Course-Coordinator
Dr. Ashish R. Warghat

Nodal, Skill Development Programme
Dr. Gireesh Nadda

Last date for receiving application: 12th January, 2025
Course fee: Rs. 5000/-
No. of Seats: Limited
Education Qualification: 10+2

Contact us:
Phone: +91-1894-233339- (Ext.) 346
Fax: +91-1894-230433
E-mail: skillhbt@ihbt.res.in
Website: www.ihbt.res.in

For more details 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.

Entrepreneurship and Skill Development Training Programme on Processing of Plastic and Other Polymeric Materials

Program Coverage:

- ✓ Plastics and Polymeric Materials: characterization, regulatory requirements and Safety Evaluation.
- ✓ Simulant and Leachate Preparation for toxicity assessment of food packaging materials and colored plastic bottles
- ✓ Hands-on Experience and Troubleshooting of Atomic Absorption Spectroscopy (AAS)
- ✓ Specific migration tests for phthalates using HPLC
- ✓ UV-Vis Spectroscopy Analysis for monomers
- ✓ Overview of polymer processing and visit to CIPET, Lucknow

6 - 10 JANUARY, 2025

9:30 AM ONWARDS

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

scan /click here to register

LINK:- <https://iitr.res.in/En/SDP.aspx>

For queries, contact:
Monika Yadav (Project Associate-1)- 7905199463
Sadiya Zafar (Project Associate-1)- 9838608758
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236
sdp1.iitr@iitr.res.in, sdp1iitr@gmail.com

Course Coordinator
Dr. Rachana Kumar

Who can Apply:

- Engineer Graduate/ Post
- Research Scholars
- Industry Employees
- MSME Representative
- Govt. Officials

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

INTRODUCTION TO LIFE CYCLE ASSESSMENT STUDIES ON BIOPROCESSING AND CHEMICAL ENGINEERING - PHASE II

What do you learn in this program?

Day 1

- Session 1 (9:00 am-10:30 am)
Overview of sustainability: Definition of sustainability, various aspects of sustainability
- Session 2 (11:00 am -1:00 pm)
Technical Feasibility: estimating theoretical maximum and best-case scenarios.
- Practice Session 1 (03:00 pm -6:00 pm)
Super Pro OR DWSIM

Day 2

- Session 3 (9:00 am-10:30 am)
Resource Sustainability: Water availability, consumption patterns and discussions
- Session 4 (11:00 am -1:00 pm)
Economic Viability: Review of net present value, internal rate of return, payback period.
- Practice Session 2 (03:00 pm -6:00 pm)
Super Pro OR DWSIM

Day 3

- Session 5 (9:00 am-10:30 am)
Environmental Impacts Assessment: Overview, methods, ISO 14040, LCI databases such as US LCI, Digital Commons, and Ecoinvent, Challenges in LCA (part 1)
- Session 6 (11:00 am -1:00 pm)
Environmental Impacts Assessment: Overview, methods, ISO 14040, LCI databases such as US LCI, Digital Commons, and Ecoinvent, Challenges in LCA (part 2)
- Practice Session 3 (03:00 pm -6:00 pm)
Open LCA and SIMA PRO

Day 4

- Session 7 (9:00 am-10:30 am)
Environmental Risk Assessment
- Session 8 (11:00 am -1:00 pm)
Social Aspects of Sustainability: Policy and social aspects of sustainability.
- Practice Session 4 (03:00 pm -6:00 pm)
Project work

Day 5

- Session 9 (9:00 am-10:30 am)
Understanding Resilience and Resilience Thinking
- Session 10 (11:00 am -1:00 pm)
Understanding and solutions from Eurocentric and Bharateeya perspective
- Project Presentations (03:00 pm -5:00 pm)

Targeted Audience

PhD scholars in Chemical Engineering & Biotechnology, Entrepreneurs and Industrialists, post-graduate students and other R & D Managers and employees who wish to explore and practice LCA for their processes.

Course Fee

INR 10,000 (Including tax, for Post-graduate and Ph D Scholars)
INR 15,000 (Including tax, for industrial persons/academicians): For free accommodation with dinner and breakfast, 2000 INR needs to be paid extra.

Date:
06/01/2025 - 10/01/2025

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

Course Description

Assessing the sustainability of engineered systems is an integral part of engineering practice. This workshop will introduce multiple dimensions of sustainability analysis for engineered systems. Lectures and case studies will discuss methods and tools to perform technical feasibility and economic viability analysis, environmental risk, resource sustainability and life cycle assessments.

Course Learning Outcomes

- Describe various aspects of resilience and sustainability from multiple perspectives.
- Evaluate the technical feasibility of a technology.
- Assess the economic viability and resource sustainability of a technology.
- Evaluate the environmental impacts of a given product/process using the life cycle impact assessment method.

Objectives

- Selection of a problem. (Before coming to the workshop)
- Develop process models in SuperPro/DWSIM and OpenLCA
- Perform sensitivity analysis and determine the most sensitive parameters.
- Presentation of your reports to class.

Course Coordinator: Dr. T. Venkatesh (Senior Scientist, CSIR-NIIST)
Dr. P. Binod (Principal Scientist, CSIR-NIIST)
Resource Person: Prof. Ganti S. Murthy (Professor, Indian Institute of Technology, Indore)



CSIR – NATIONAL BOTANICAL RESEARCH INSTITUTE

Rana Pratap Marg, Lucknow



ONE YEAR CERTIFICATE COURSE ON

PROFESSIONAL GARDENING & NURSERY MANAGEMENT



Approved by National Council for Vocational Education and Training (NCVT),
Ministry of Skill Development and Entrepreneurship, Government of India

Date of Start of the Course: 18 January 2025

Key Features

- Expert Guidance**
Learn from experienced horticulturists and scientists
- Hands-on Training**
Gain practical skills in plant propagation, care & management
- Industry Exposure**
Visit to renowned nurseries and gardens
- Career Opportunities**
Open doors to various roles in gardening, nursery management, and landscaping
- Certification**
Certified by NCVT and organized by CSIR-NBRI
- Minimum Qualification Required**
Candidate must have passed 12th standard
- Fee Structure**
Rs. 30,000 (without boarding and lodging) for individuals & Rs. 60,000 for sponsored students
- Notional Hours**
1200 (Theory 340, Practical 530, Employability skills 60, OJT 270)
- Batch Size**
Maximum 20 students will be taken in one batch
- Certifying Body**
Agriculture Skill Council of India

SCAN the
QR CODE
for Registration



APPLY NOW

GROW YOUR SKILLS,
GROW YOUR FUTURE

NURTURE YOUR PASSION,
CULTIVATE A CAREER

DISCOVER THE BEAUTY OF
GARDENING WITH CSIR-NBRI



Last Date of Registration
**05 January
2025**

For further information/clarifications, please contact

Dr. S.K. Tewari

Chief Scientist & Head, Botanic Garden

CSIR-NBRI, Lucknow

Phone: +91-522-2297961, 960; +91-9918733338 (M)

E-mail: sktewari@nbri.res.in

For more details about the course, visit:

<https://www.nqr.gov.in/qualifications/9585>

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SKILL DEVELOPMENT PROGRAMME

Introduction to Industrial Adhesives

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



Objectives of the course

- Introduction to the world of adhesives
- Science, research and development, technologies and various applications of adhesives
- Understanding adhesives through hands-on activities

Topics to be covered

- Fundamentals of adhesives
- Adhesive technologies and product development
- Industrial applications of adhesives
- Future scope of adhesive research and products

CSIR-NIIST
THIRUVANANTHAPURAM



Course fee:
Rs. 3000/-

Classroom Course:
2 Days

ACCOUNT DETAILS

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

Course Benefits:

Adhesives do play an integral part in almost all objects used by mankind. Be it newspapers, mobile phones or space vehicles, adhesives are widely used to achieve properties and functionality of materials or devices in question. The global market size of adhesives is estimated at 68.88 billion USD in 2024, and is expected to reach 87.04 billion USD by 2028. The course is expected to provide a comprehensive understanding of adhesives, its science, properties, applications and market potential.

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

Course Coordinator:
Dr. Riju Davis

DATE:
16-17 January 2025

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



WORKSHOP ON FLOWCYTOMETRY

Program Coverage:

- Principles & Basics of Flowcytometry
- Spectral Overlap & Compensation
- Flow cytometry -based assays in cytotoxicity : ROS, cell cycle
- Flow cytometric evaluation of Apoptosis, Mitochondria membrane potential
- Flow micronucleus (MN) Assays
- Basic data analysis, interpretation and presentation of the data
- Basics of sorting principles

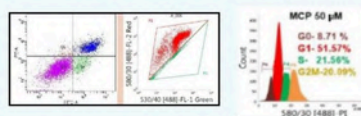
Course Fee:-
For academia-Rs.3000/-
For industry-Rs.5000/-
Last date of registration:-
03.01.25

Course Coordinators

Dr. Alok K. Pandey
Dr. Prabhanshu Tripathi
Dr. Puneet Khare

Eligibility

Ph.D scholars/Technical
Faculty/Faculty



8 - 10 JANUARY, 2025

9:00 AM ONWARDS

scan /click here
to register



LINK:- <https://iitr.res.in/En/SDP.aspx>

Payment link:-
<https://www.onlinesbi.sbi/sbicollect/collecthome.htm>

For queries, contact:
Monika Yadav (Project Associate-1)- 7905199463
Sadiya Zafar (Project Associate-1)- 9838608758
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236
sdp1.iitr@iitr.res.in, sdp1iitr@gmail.com

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

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

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

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

05



सी एस आई आर- भारतीय पेट्रोलियम संस्थान CSIR- Indian Institute of Petroleum



Skill Development Training on

❑ 'Analysis with Elemental, Microscopic and Thermo-gravimetric Tools' (January 06 - 17, 2025)

❑ 'Industrial Catalyst, Preparation and Micro- reactor Studies' (January 13 - 31, 2025)

under

CSIR-IIP Integrated Skill Initiative

For details visit www.iip.res.in/skill-development

For short queries : cdsharma@iip.res.in, M-9412028789 Landline: 01352525 950



A Four Day Training Programme

on

**GEO-SPATIAL TECHNOLOGY (GIS, GPS, RS etc.)
FOR ROADS AND TRANSPORTATION**

06-01-2025 to 09-01-2025

Call for Registration and Participation

Training Organizer:

Dr. Ravindra Kumar

Chief Scientist & Head

(Information Liaison and Training)

Training Coordinator:

Dr. Ravindra Kumar

Chief Scientist

(Transport Planning Division)

Organised by:



**सीएसआईआर-कें द्रीय सड़क अनुसंधान संस्थान
CSIR-CENTRAL ROAD RESEARCH INSTITUTE**

(Council of Scientific and Industrial Research)
DELHI - MATHURA ROAD, NEW DELHI - 110025, INDIA

TRAINING FEE:

The training fee is as given below:

Offline Mode	Online Mode
For Indian Participant: ₹ 20,000/- + 18% GST	For Indian Participant: ₹ 12,000/- + 18% GST
For SAARC Participant: US \$ 500/- + 18% GST	For SAARC Participant: ₹ 20,000/- + 18% GST (Equivalent US \$)
For Other Countries: US \$ 600/- + 18% GST	For Other Participant: ₹ 25,000/- + 18% GST (Equivalent US \$)
For Students (5 slots only) 25% of above cost, if MoU exists between CSIR-CRRI and the concern Institute/ organization (Minimum Qualification B. Tech. Civil.)	

All payments are to be made in advance through e-transfer to the bank account details given below. This includes training registration fee and the study material to be provided during the training.

Name of the Bank : State Bank of India	
Branch Address : Central Road Research Institute, P.O.: CRRI, Mathura Road, Delhi	
Account Number : 30268867237	CRRI TAN No : DELC00127B
Bank IFSC Code : SBI N0010442	GST No. (CSIR) : 07AAATC2716R1ZH

ACCOMMODATION:

Limited Guest house/hostel accommodation within the campus is available (on payment basis) for outstation participants on request. Institute canteen facilities are available at reasonable rates. The Guest house/hostel charges for trainees are as given below:

- ₹ 600/- per person per day for Indian Nationals;
- ₹ 2,000/- per person per day for participants from SAARC countries;
- ₹ 3,500/- per person per day for participants from other countries.

ABOUT CRRI:

The Central Road Research Institute, New Delhi, established in 1952 as a constituent laboratory of CSIR, is engaged in research and development work on roads, bridges and transportation engineering and related areas. The Institute provides technical support to large number of users organisations in the country.

One of the priority areas of the activities of CRRI has been to disseminate R&D results and innovations to the in-service engineers and other professionals in the field of highway engineering through a number of customised & regular training programmes. Over the years, more than 25,000 engineers have availed the training facilities. Presently, CRRI is conducting 10 regular training programmes of varying duration to suit the requirements of different levels of engineers. Participants to these training programmes are drawn from MoRTH, PWD, CPWD, BRO, Public Sector Undertakings, Town Planning, Traffic Engineering Agencies, Commercial Units, Traffic Police Department, Private Consultants and Individuals.

SPECIAL PROGRAMME:

Besides regular training programme, customized training programmes are also being organised on request to cater the needs of user organizations.

For more information Contact :

Training Organizer:

Dr. Ravindra Kumar
Chief Scientist and Head Information,
Liaison & Training Division CSIR -
Central Road Research Institute Delhi -
Mathura Road, P.O. - CRRI
New Delhi - 110025
Telephone: 011 + 26921939 (O), 9654732909 (M)
EPABX : 011 + 26832173, 26832427, 26832325
: Ext. 514

Email : headit.crri@gmail.com; headit.crri@nic.in
Website : <https://crriidm.gov.in/training-events>

Training Coordinator

Dr. Ravindra Kumar
Chief Scientist Transportation
Planning Division CSIR-CRRI,
New Delhi - 110025 Ph. No.
9654732909 (M)
Email : headit.crri@gmail.com,
headit.crri@nic.in



India has a unique opportunity to become the global hub for skilled talent

The Ministry of Skill Development and Entrepreneurship was established during Prime Minister Narendra Modi's first term to foster new skills and innovative thinking for existing and emerging jobs. **DH's Ajith Athradhy** spoke with Skill Development Secretary **Atul Kumar Tiwari** about the ministry's accomplishments and future challenges.

How will the ministry address skill deficiency in the Indian workforce?
The MSDE focuses on aligning skill development programmes with industry demands, promoting lifelong learning, and integrating emerging technologies like green skills, and advanced manufacturing into training curricula. Through initiatives like the Skill India Digital Hub, expanded apprenticeship programs, targeted skilling in aspirational and served districts, we aim to empower youth, enhance global employability, and bridge regional and gender disparities. Leveraging public-private partnerships and fostering innovation, we are building a future-ready workforce to drive India's growth into a developed nation.

The Skill Ministry is leading the government's efforts to upgrade industrial training institutes. When will the guidelines be finalised?

We are actively collaborating with state governments and industry leaders to finalise transformative guidelines for modernising 1,000 ITIs under the Rs 60,000 crore hub-and-spoke model, as outlined in the Union Budget 2024-2025. We are consistently holding policy workshops, and one such in Bengaluru, with participation from seven states, focused on key areas such as financial autonomy, governance reforms, sustainability models, ITI selection criteria, and course redesign aligned with industry needs. Insights from over 75 leading companies have further enriched this effort, emphasising industry-integrated training, faculty involvement, and alignment with sunrise sectors with high demand in the future, such as electronics, green energy, and advanced manufacturing. With partnerships involving stakeholders and associations like CII, we aim to shape ITIs into cutting-edge hubs of skill development, equipping a workforce ready to thrive in India's dynamic economic landscape.

The Tuesday Interview With Atul Kumar Tiwari Secretary, MSDE



With the rapid advancement of technology, particularly artificial intelligence and automation, the workplaces are likely to undergo massive changes in the coming days. How will the government address this?

Central to this effort is Government of India's IndiaAI Mission, a Rs 10,372-crore initiative aimed at promoting AI innovation and developing indigenous tools for ethical and safe deployment. MSDE is integrating emerging technologies like AI, machine learning, and cybersecurity into its training programmes through partnerships with industry leaders such as Microsoft, Meta, Cisco, and Adobe.

Notable efforts include the rollout of a 7.5-hour foundational AI module across 14,600 ITIs, giving students early exposure to AI's impact on the workforce.

Additionally, partnerships with Meta will help establish five Centres of Excellence in virtual and mixed reality to deliver specialised training in cutting-edge technologies across our National Skill Training Institutes located at Hyderabad, Bengaluru, Jodhpur, Chennai, and Kanpur.

Complementing these efforts are digital literacy initiatives on the Skill India Digital Hub platform, where students can take these courses online anytime, anywhere.

Skill India has completed 10 years. What challenges do you see in skilling India now and over the next decade? Are states keeping up with the Centre in skilling India?

The next decade offers immense potential to leverage advanced technologies like AI and blockchain, scale digital skilling, and foster innovation in curriculum design. With global trends such as the green economy and Industry 5.0 on the horizon, India has a unique opportunity to solidify its position as a hub for skilled talent. Every challenge we face is a chance to refine, innovate, and build a resilient, inclusive, and future-ready workforce. The rise of gig work and hybrid job models highlights the opportunity to develop modular, lifelong learning programmes that cater to evolving workforce dynamics.

In which sectors can India emerge as a supplier to the global skilled workforce?

Key sectors driving this growth include IT, healthcare, logistics, hospitality, engineering, oil and gas, construction, agriculture, and caregiving. The IT sector is in high demand globally, with countries like Germany, the UK, the US,

and Qatar seeking skilled professionals. Similarly, West Asian nations, particularly the UAE and Saudi Arabia, require workers for the oil and gas industry. Over 2.5 million Indians are employed in Saudi Arabia alone.

Germany is actively recruiting Indian professionals to address labour shortages in healthcare and engineering, raising the annual cap on skilled labour visas for Indian workers from 20,000 to 90,000. Additionally, the Indian government is establishing 30 Skill India International Centres (SIICs) to enhance training for candidates seeking overseas employment. The government aims to place 100,000 skilled workers abroad, ensuring India remains a key player in meeting global labour demands across diverse sectors.

MSDE has signed 11 government-to-government MoUs with countries like Australia, Belarus, China, Denmark, France, Germany, Japan, Qatar, Switzerland, the UAE, and the UK for skill development and vocational education training. We have successfully facilitated employment opportunities for approximately 100 youths in nursing care.

अमर उजाला

दिल्ली

युवा Youth

आतंक के साये से निकलकर हुनरमंद बन रहे युवा, 4 लाख ने लिया प्रशिक्षण

केंद्रीय कौशल विकास मंत्रालय की रिपोर्ट में खुलासा, ले रहे कौशल प्रशिक्षण, उठा रहे केंद्र की योजनाओं का लाभ

सीमा शर्मा

नई दिल्ली। जम्मू-कश्मीर के युवा आतंक के साये से निकलकर हुनरमंद बनकर रोजगार से जुड़ रहे हैं। प्रधानमंत्री कौशल विकास योजना (पीएमकेवीवाई) में अब तक 4 लाख 11 हजार से अधिक कौशल प्रशिक्षण ले चुके हैं।

जबकि सितंबर 2023 में शुरू पीएम विश्वकर्मा में अक्टूबर 2024 तक एक लाख 11 हजार से अधिक ने प्रशिक्षण लिया। प्रदेश के अति संवेदनशील अनंतनाग, बांदीपुरा, बडगाम, बारामुला, डोडा, पंछ, शोपियां, पुलवामा, कुपवाड़ा जिलों के युवा स्किल इंडिया योजना में प्रशिक्षण लेकर नए जमाने के रोजगार से जुड़ रहे हैं। यह खुलासा केंद्रीय कौशल विकास मंत्रालय की रिपोर्ट में हुआ है।

दिलचस्प यह है कि युवा पारंपरिक के साथ अत्याधुनिक

रोजगार देने वाले कोर्स की सबसे अधिक मांग

पीएमकेवीवाई में हैंडक्रॉफ्ट और कारपेट, आईटी, इलेक्ट्रॉनिक्स, मीडिया व इंटरटेनमेंट और अपरेल (वस्त्र या परिधान) कोर्सों की सबसे अधिक मांग है। इसमें पारंपरिक कश्मीरी हाथ की कढ़ाई, थ्रेड आईटी हेल्प डेस्क, सोशल मीडिया इन्फ्लुएंसर, उडी एनिमेशन एसोसिएट, केबलिंग टेक्नीशियन, सीसीटीवी इंस्टालेशन, टूरिज्म एंड होमिस्टेलिटी, सिलाई मशीन ठीक करने वाले ऑपरेटर आदि रोजगार से जोड़ने वाले कोर्स युवाओं की पहली पसंद हैं। पीएम विश्वकर्मा के तहत दर्जी, कारपेंटर, मिस्त्री, नाई, कश्मीरी टोकरी, खिलौने बनाने वाले कोर्स की भी मांग काफी अधिक है।

तकनीकी प्रधान क्षेत्रों में भी रुचि ले रहे हैं। वे बड़ी संख्या में सोशल मीडिया इन्फ्लुएंसर, आईटी जैसे दूसरे क्षेत्रों में कौशल प्रशिक्षण ले रहे हैं। फिर भी हथकरघा उनकी पहली पसंद बनी हुई है।

केंद्रीय कौशल विकास व उद्यमशीलता मंत्रालय के सचिव

अतुल कुमार तिवारी ने बताया कि जम्मू-कश्मीर के युवा सामाजिक-आर्थिक संरचना को भी पुनः परिभाषित कर रहे हैं। कौशल विकास की योजनाएं इनके लिए आत्मनिर्भरता और सशक्तिकरण का उपकरण बन चुकी हैं। प्रदेश के आर्टिआई, पॉलिटेक्निक, इंजीनियरिंग कॉलेज, खादी भवन

समेत अन्य संस्थानों में कोर्स चलाए जा रहे हैं। प्रदेश के युवाओं को यह कौशल प्रशिक्षण बिल्कुल निःशुल्क उपलब्ध हैं। अति-संवेदनशील जिलों में पीएम विश्वकर्मा योजना हिट केंद्र ने सितंबर 2023 में 18 ट्रेड में पीएम विश्वकर्मा योजना शुरू की थी। इसमें अभी तक



संकेतिक

जन शिक्षण संस्थान का लाभ उठा रहें महिलाएं

प्रदेश में 73.66 फीसदी महिलाओं ने जन शिक्षण संस्थान से कोर्स करके हुनरमंद बनने की राह चुनी है। जुलाई 2018 से लेकर अक्टूबर 2024 तक 15 से 45 आयु वर्ग में करीब 12 हजार से अधिक ने प्रशिक्षण लिया। इसमें से स्कूली शिक्षा बीच में छोड़ने वाली सामाजिक-आर्थिक रूप से कमजोर वर्ग की महिलाओं की संख्या सबसे अधिक है। इसमें से 2,155 एससी, 924 एसटी, 2,119 ओबीसी, 1,483 अल्पसंख्यक और 5500 अन्य महिलाएं शामिल हैं।

1,11,054 युवाओं ने प्रशिक्षण लिया है। यह योजना अनंतनाग, बांदीपुरा, बडगाम, बारामुला, डोडा, पंछ, शोपियां, पुलवामा, कुपवाड़ा, गंदरबल, श्रीनगर, किस्तवाड़ जिलों में सबसे अधिक पसंद की जा रही है। ये जिले प्रदेश में सबसे अधिक आतंक प्रभावित हैं।



GENERAL EVENTS

सामान्य आयोजन



(Please click on the link to view the details) *

- Indian Army Launches Skill Development Program for Youth in Southern Pir Panjal
- BluPine Energy Wins Environmental Finance Impact Award 2024 for Skill Development and Gender Inclusion in Renewable Energy
- Blue Ocean Corporation Partners with IILM University to launch NEP-Aligned Logistics and Supply Chain Skill Development Program
- India has a unique opportunity to become the global hub for skilled talent
- Kinetic Green Join Hands with VI&U to Boost Skill Development and Research
- Oberoi group has started an Employment and Skill Development Programme for Hospitality Industry
- Transformative Education And Skill Development Initiatives In 2024 For Future-Ready Youth
- Adani Foundation empowering rural youth through skill development in Tikaria
- Arunachal Pradesh Ushers in 'Year of Youth': Focus on Skill Development & Entrepreneurship
- National Skill Development Corporation (NSDC) recognized as Best Brands in 2024
- Magellanic Cloud Joins Skill India Mission as Recognized Training Provider for PMKVY 4.0, Backed by NSDC and TSSC
- AICTE and MyAnatomy Establish Strategic Alliance, Initiating a New Era for Skill Assessment and Development
- Udhayanidhi inaugurated 29 Skill Development and Placement centres across Tamilnadu
- Training Partners of Skill Training Council to be Exempted from GST: Finance Minister
- MSME Sector, Skill Development Take Center Stage At NDTV Emerging Business Conclave
- Workshop to empower rural India through skill training
- National Skill Development Corporation (NSDC) recognized as Best Brands in 2024
- Industry-led Skill Education and Viksit Bharat @2047
- Ambuja Foundation partners with Hero MotoCorp to Empower Rural Women in Chhindwara with Skill Development for Sustainable Employment
- Diageo India supports PwDs in Noida with skills for the hospitality industry
- PM Modi hails Indian diaspora's role in development of Kuwait, says India of future will be hub of global development
- India's Tourism Ministry Receives FHRAI's Vision for Hospitality Skill Development
- Nand Ghar, An Anil Agarwal Foundation (AAF) Initiative Expands with New Milestones in Education, Nutrition, and Skill Development for 2024
- IIT Patna Signs Strategic MoU with USDC Project India and Oneros Tech to Revolutionise Skill Development
- Government Initiatives on AI, Semiconductor Manufacturing and Skill Development Will Make India Global Technology Hub: MeitY
- Start Industry-aligned Skill Training in Jamshedpur : DC
- India To Launch Door-To-Door Pilot Project To Train 3,800 Adolescent Girls, Boosting Female Workforce Participation—Here's All About It
- Skill Development: NSDC Aims To Skill 1 Lakh Youth in AI, Drone Technology and Cloud Computing by End of 2025
- Impactful year for NSDC: Empowering India's workforce, driving skill development

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<https://ncvet.gov.in>

<https://www.education.gov.in>

<https://www.nqr.gov.in>



CSIR-Human Resource Development Centre (Skill Nodal Office)

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

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

सीएसआईआर-मानव संसाधन विकास केंद्र (कौशल नोडल कार्यालय)

सेक्टर -19, केंद्र सरकार एन्क्लेव,
कमला नेहरू नगर
गाजियाबाद- 201002 (यूपी) भारत

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

हमें फॉलो करें



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Detailed Brochure

