

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

## Editorial Team

- Dr Vinay Kumar
- Ms Neeti Sagar
- Dr Durgavati Yadav
- Mr Pradeep Kr Sharma
- Ms Sindhu Gupta

## In this issue

- Skill Trainings by CSIR
- Upcoming Events
- News Clippings
- General Events
- Glimpses
- Useful Links



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 "Basic Bioinformatics and Cheminformatics" from 03rd-13th March 2025. 27 participants from B.V. RAJU COLLEGE, Bhimavaram, Andhra Pradesh attended this training. The training program was formally inaugurated by Dr A. G. Rao, Director, In-Charge, CSIR-IICT. Dr Shashi V K, Head Applied Biology, Dr Ramars A, Course Coordinator, Dr Debasish Swain, Coordinator-Skill Development along with other associated team members and invitees were present during the inaugural event.



CSIR-IICT, Hyderabad organized a Finishing School Training on “Advanced Synthetic Organic Chemistry” from 03rd December 2024-3rd March 2025, conducted to the First Batch of 43 participants from Aurigene Pharmaceutical Services Limited. As a part of training conclusion, a formal Certificate Distribution event was organized, and Course completion certificates were distributed to all the trainees. Dr D. Srinivasa Reddy, Director, CSIR-IICT, Dr Shahadat Ahmed, Head-IDDR & Growth Technologies, Sri Anuj Singh, Head-HR along with invited guests from Aurigene Pharmaceutical Services Limited graced the occasion. Mr Anil Kumar Pulipaka, Nodal Officer-Skill Development, Dr Debasish Swain, Coordinator-Skill Development, Dr M. Sridhar Reddy & Dr S. Suresh Course coordinators along with associated Scientists and invitees from CSIR-IICT were present on the occasion.



CSIR-IICT, Hyderabad organized a Training Program Advance E-SDP on “Peptide Synthesis” sponsored by Ministry of Micro, Small and Medium Enterprises, Govt of India, from 03rd-07th March 2025. 20 participants attended this training. The training was formally inaugurated by Dr A. G. Rao, Director, In-Charge, CSIR-IICT. Dr S. Bharate, Head-Department of Natural Products and Medicinal Chemistry, Dr Debabrata Maity, Course Coordinator, Dr Debasish Swain, Coordinator - Skill Development, Mr Anil Kumar Pulipaka, Nodal Officer-Skill Development along with other associated team members and invitees were present during the inaugural event.



CSIR-IIP, Dehradun organized a Five-day training program on “Spectroscopic Analytical Techniques using IR - FTIR” from 3rd-7th March 2025. The training program dealt with the introduction to the concepts of Analytical Chemistry, Spectroscopic analysis, FTIR spectroscopic theory, various sampling methods, interpretation of FTIR Spectra and Spectral analysis by NMR & its related instrumentation along with Hands-on practice for the students. During Valedictory Session, Director IIP-Dr Harender Singh Bisht, HOD-Analytical Sciences-Dr Rajesh Kumar, Head of Training Division-Dr Ajay Kumar Gupta and other Senior faculties of Analytical Science division - Dr Babita Behera & Team have delivered a talk and interacted with the students. Director IIP has distributed the certificates, and the training program successfully ended with positive feedback from the students. The training program was attended by 11 students.



CSIR-CIMFR, Dhanbad organized a One-week Program on “Analytical Chemistry and its Applications in Soil and Water Analysis” inaugurated at Digwadih Campus from 03rd-07th March 2025. This program aims to equip students with practical knowledge and hands-on experience in Analytical Chemistry, focusing on soil and water analysis. The inaugural session commenced with a Welcome address by Dr A.K. Mishra, Director, CSIR-CIMFR, who greeted the esteemed guests, Prof Ram Kumar Singh, Vice Chancellor, BBMKU, and Dr Ramanuj Narayan, Director, CSIR-IMMT. The skill development initiative by CSIR-CIMFR was expected to significantly enhance the technical expertise of students and contribute to their professional growth in the field of Analytical Chemistry. 21 students from different Colleges and Universities of Jharkhand participated in the event.



CSIR-NEERI, Nagpur organized a Green Skill Training Program on “Environmental Impact Assessment (EIA)” from 05th-07th March 2025. 29 participants from rural and urban areas of 11 states of India (Maharashtra, Rajasthan, TN, UP, Chhattisgarh, WB, Telangana, MP, Gujarat, Uttarakhand, & Kerala) belonging to different organizations participated in this program that covers EIA Methodology, Regulations, Air Quality, Air Pollution Modelling, Water Pollution, Noise & Vibration, Ecology & Biodiversity, Socio-Economics, Soil Conservation, Advance Analytical Instrumentation, Land Use, Geology, Hydrology, Environmental Modelling, Waste Management, EIA Case Studies, Environmental Audit, EMP, Reconnaissance/Site Selection Survey etc. Dr S. Venkata Mohan, Director, CSIR-NEERI inaugurated the skill training program and addressed the participants on issues related with Environmental Impact Assessment (importance, scientific & engineering tools, regulatory compliance, etc.). Dr Harshvardhan Singh, Sr Principal Scientist & In-charge, Skill Development Centre (SDC) and Course Coordinator welcomed the participants and briefed about Green Skill Development activities & Course contents. Dr T.V.B.P.S. Rama Krishna, Sr Principal Scientist, Hyderabad Zonal Centre briefed about EIA Methodology and Importance of Air Environment.



CSIR-AMPRI Bhopal, organized an Expert Lecture cum Industrial Visit and hands-on workshop at Rabindranath Tagore University, Bhopal, on “Current Global Demand: Energy Storage Devices for Electrical Vehicles” on 07th, March 2025. During the event Dr Sandeep Singhai, Nodal Scientist, Skill Development program, delivered a talk on CSIR-AMPRI Technologies and Opportunities. The introduction to the AcSIR was given by the AcSIR coordinator Dr Prabhat Kumar Baghel. Further, Dr Surendra Kumar, Senior Scientist, delivered an expert lecture on ‘Current Global Demand: Energy Storage Devices for Electrical Vehicles’. The workshop included lectures and hands-on sessions for the participants. The workshop successfully ended with feedback from the participants. The workshop was attended by 44 Students.



CSIR-IITR, Lucknow organized a workshop on “Synthesis In-Vitro and Toxicity Analysis of Gold Nanoparticles using Eco-Friendly Capping” from 24th-25th, February 2025. 10 participants from different Universities participated in the workshop. Dr Ravi Ram Kristipati, Nodal Scientist, Skill Development Programs CSIR-IITR did the inauguration. The introduction to the workshop was given by the course coordinators Dr Pradeep K Sharma and Dr R Rajagopal. The workshop included lectures and Hands-on sessions for the participants. The program included Hands-on training on Synthesizing Gold nanoparticles, evaluation, and Toxicity of Gold Nanospheres via MTT/Alamar Blue Assays & Introduction to mammalian cell culture & In-Vitro assays for toxicity evaluation. The workshop ended successfully with feedback from the participants and a Valedictory session.



CSIR-CIMAP, Lucknow organized a Six-day Skill Upgradation training workshop on “Essential oil Processing Technologies (EOPT-2025)” under the CSIR Aroma Mission and CSIR Skill Upgradation Program was organized in Chemical Engineering, Phytochemistry Division from 3rd to 8th March 2025. 26 candidates representing over 13 states of India actively took part in the workshop. The workshop was specially designed to give the participants a systematic knowledge on the processing technologies for aromatic plants and familiarize them with the technical and practical aspects which covered distillation, fractionation, concrete & absolutes, menthol production, herbal formulations and supercritical extraction with particular emphasis on the quality analytical techniques. The participants visited Kannauj to have a view on the traditional and modern processing technologies of essential oils which included a visit to an industry, FFDC and the Museum of Kannauj.



CSIR-IIP, Dehradun organized a special skill development training program for women on the occasion of International Women's Day, on the process of making biodegradable sanitary napkins. In this program, women participants have got in-depth knowledge about the process of making biodegradable sanitary napkins from agricultural residues and also gained practical experience on it. Director, CSIR-IIP, Dr Harender Singh Bisht has appreciated the women who participated in the program & termed this initiative as an important step towards women empowerment and bringing positive change in the society. Dr Bisht congratulated the women for their efforts and encouraged them to participate in similar skill development programs in future. CSIR-IIP's women scientists Dr Babita and Dr Kirtika provided technical information to the women on making biodegradable products. At the end of the program, CSIR-IIP 's Training Head Dr Ajay Gupta said that CSIR-IIP will organize more such training programs in the future so that women can not only enhance their skills but also become capable of bringing positive change in the society. Director IIP has distributed the certificates during the Valedictory function and the 1-day training program successfully ended with positive feedback from the participants. Total participants in this training program were 25.



CSIR-CBRI, Roorkee organized a Two-day workshop on "Advanced Construction Technologies & RCC Mix Designs" from 11th-12th March 2025 for the MES and Uttarakhand PWD engineers. In the program, a total 45 engineers participated. The program was designed to provide information regarding advancements in building construction technologies, RCC mix designs, hands-on experience, and preparation of DPR for buildings constructed using such technologies.



CSIR-NGRI, Hyderabad organized an advanced training Program on "Analytical Geochemistry" on 3rd-11th March 2025. A total of 24 participants from leading Earth Science Universities and Research Institutes across India attended the course. The participating institutions include IISER Berhampur, Parvatibai Chowgule College of Arts and Science, Patna University, Govt SKSJTJ Bangalore, Gauhati University, IPE Vizag, IIT (ISM) Dhanbad, Aligarh Muslim University, Nagaland University, University of Delhi, University of Hyderabad, IISER Bhopal, MES Ponnai College (Calicut), IISER Thiruvananthapuram, Banaras Hindu University, Amity University (Kolkata), and Alagappa Government Arts College (Karaikudi). The training program focuses on four key modules: Whole-Rock Geochemistry and Instrumentation, Petrology and Mineral Chemistry, Isotope Geochemistry and Geochronology. The primary objective of this program was to equip participants with hands-on training in sophisticated analytical instruments and fundamental aspects of analytical geochemistry. This initiative aims to enhance their expertise in addressing complex challenges in geochemical research.



## UPCOMING EVENTS

### आगामी आयोजन

**CSIR-IMMT: InTEC**

# IP GEM 2025

*Generate, Exploit and Monetize through IP*

**March 17-22, 2025 (4:00 – 6:00 PM)**

One Week Online Workshop on IPR by  
Innovative Technology Enabling Center -InTEC  
CSIR – Institute of Minerals and Materials Technology, Bhubaneswar, INDIA

**Organizing Structure**

Chief Patron	Patron/s		Convener
 Dr Ramanuj Narayan Director, CSIR - IMMT	 Dr L D Besra Head -MCD, CSIR-IMMT	 Mr J Mallick Head -PME, CSIR-IMMT	 Dr T Pavan Kumar Principal Scientist, CSIR-IMMT

**Topics Covered (with Hands-On Training)**

Locating IPRs, Trademark & Copyright  
Patent Search / Patent Drafting / IPR Filing  
Claim Construction / FER & After effects  
Technology Transfer / Case-studies / Q&A

**Registration – Rs 200/-**

Lectures / Interaction / Q&A every day

**Registration Link:**  
<https://forms.gle/eCdDfxkFYLuWDIP2A>

Join the WhatsApp Group:  
<https://chat.whatsapp.com/EzdZMtTcP86RoKVz2YfYi>

**Reference Material / Certificates are Issued**

Contact Email: [newipr2024@gmail.com](mailto:newipr2024@gmail.com); 8008105781

**A/C NAME : IMMT**  
ACCOUNT NO : 3026773473  
BANK : SBI  
ACCOUNT TYPE : SAVINGS  
IFSC CODE : SBIN0007499  
BANK BRANCH : RRL CAMPUS

Details on Expert Speakers/Trainers will be updated very soon!

## SKILL DEVELOPMENT PROGRAMME

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

### Introduction to Industrial Adhesives

**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

**Course fee: Rs. 3000/-**

**Classroom Course: 2 Days**

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

**CSIR-INTegrated Skill Initiative**

**CSIR-NIIST**  
THIRUVANANTHAPURAM

**niist**  
Innovative Technology Enabling Centre

**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@niistres.in](mailto:sdp@niistres.in)

**Course Coordinator:**  
Dr. Riju Davis

**DATE:**  
20<sup>th</sup> - 21<sup>st</sup> March 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/-

**Course Coordinators**  
Dr. Alok K. Pandey  
Dr. Prabhanshu Tripathi  
Dr. Puneet Khare

**Eligibility**  
M.Sc/Ph.D scholars/Technical Faculty/Faculty

**19- 21 March, 2025**

**9:30 AM ONWARDS**

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

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

SCAN HERE FOR PAYMENT-

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](mailto:sdp1.iitr@iitr.res.in) . [sdp1iitr@gmail.com](mailto:sdp1iitr@gmail.com)

• Certificates will be provided to all participants

## WORKSHOP ON PRESENTATION SKILLS

**Course fee -**  
For Academic -Rs.1000/-  
For Industry -Rs.2000/-

• Eligibility- Bachelor's degree in any stream

• Last date of registration- January 6, 2025

**March 20, 2025**

**Course Coordinator**  
Dr. Ravi Ram Kristipati

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

• Certificates will be provided to all participants

**LEARN WITH US :-**

- Insights on preparing an impactful presentation
- Prepare/format slides using PowerPoint
- Structure presentation by preparing mind maps
- Verbal and non-verbal skills for effective presentation
- Engage the audience and handle their questions.
- Ways to overcome fear and anxiety associated with presentations.

scan /click here to register

**Share**

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

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

COURSE FEE IS ONLY FOR IMPARTING TRAINING. ADDITIONALLY, WHEREVER APPLICABLE, CANDIDATES HAVE TO MAKE THEIR OWN ARRANGEMENTS (RELATED TO LODGING/BOARDING, TRAVEL, LOCAL TRANSPORTATION, ETC.) AND BEAR THOSE EXPENSES ON THEIR OWN. THE FEE ONCE PAID IS NOT REFUNDED, UNLESS THE COURSE IS CANCELLED.



**CSIR INTEGRATED SKILL INITIATIVE**

**CSIR-NCL SKILL DEVELOPMENT PROGRAM**

*"Chromatographic Techniques"*

<https://nclsdnp.ncl.res.in/>





Skill India  
कौशल भारत - कुशल भवत



**ABOUT COURSE**  
Chromatography, a crucial technique extensively employed in industry and research that facilitates the separation, identification and purification of components of mixture for both qualitative and quantitative analysis. This course offers comprehensive training on these various chromatographic techniques.

**COURSE CONTENT**

- Gas Chromatography
- Gas Chromatography-Mass Spectrometry
- High Performance Liquid Chromatography
- Liquid Chromatography-Mass Spectrometry

**COURSE DETAILS**

Duration: 2 Weeks  
Dates: 21 April 2025 - 02 May 2025  
No. of Seats: 10  
Eligibility: M.Sc (Chemical & Life Sciences) (Completed), M.Pharm (Completed)  
Last date of registration: 07 April 2025

**PRIME INSTRUCTOR & TEAM**

Dr. Sanjay Borikar  
Dr. Nilakshi Sadavarte  
Dr. Snehal More  
Dr. Mahesh Kulkarni

**FOR WHOM**

- Students
- Academic Researchers
- Industrial Professionals

**HOW TO APPLY**  
Application form is available at - <http://www.ncl-india.org/files/SDP/Default.aspx>

**WHY CHOOSE US**


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

Here is the reason why **WHY CHOOSE US**

<https://nclsdnp.ncl.res.in/>  
[ncl.sdct@ncl.res.in](mailto:ncl.sdct@ncl.res.in)

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

**Envalior**  
Imagine the Future  
CSR Sponsor



Skill India  
कौशल भारत - कुशल भवत



**WORKSHOP ON NANOMATERIAL CHARACTERIZATION**

**PROGRAM COVERAGE**

- Hands-on Training session on Characterization Techniques of Nanomaterials
- Technical Knowledge of TEM & SEM, BET, FTIR
- Learn about Dynamic Light Scattering and Nanosight
- Knowledge about Nanoscience with reference to medicine and consumer products

**Date:-17.03.25-18.03.25 ( 2 Days )**

**Eligibility:-M. Sc.**

**Course Fee:-**  
For academia- Rs.2,000/-  
For industry- Rs.5,000/-

**Last date of registration:- 10.03.2025**

**Time :- 9:00 AM-5:30 PM**

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

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

**SCAN HERE FOR PAYMENT -**

**COURSE COORDINATORS**  
Dr. Alok K. Pandey  
Dr. S. Patnaik  
Dr. Nidhi Gupta

**STUDENT COORDINATORS**  
Monika Yadav - 7905199463  
Sadiya Zafar - 983608758  
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236

✓ Certificates will be provided to all participants  
✓ Exposure to Scientific approach

\*Course fee is only for imparting training. Additionally, wherever applicable, candidates have to make their own arrangements (related to lodging/boarding, travel, local transportation, etc.) and bear those expenses on their own. The fee once paid is not refunded, unless the course is canceled.  
\*Do not Book your tickets until you get a confirmation mail from our end

**CSIR-Indian Institute of Toxicology Research, (CSIR-IITR) Vishvaygan Bhawan, 31 Mahatma Gandhi Marg, Lucknow-226001**



**CSIR INTEGRATED SKILL INITIATIVE**

**CSIR-NCL SKILL DEVELOPMENT PROGRAM**

*"Mass Spectrometry based proteomics"*

<https://nclsdnp.ncl.res.in/>





Skill India  
कौशल भारत - कुशल भवत



**ABOUT COURSE**  
CSIR-National Chemical Laboratory Pune has a state of art. Mass Spectrometry facility comprising of high-end mass spectrometers such as LC-HRMS (Thermo Q-Exactive hybrid Quadrupole Orbitrap MS), Triple TOF MS (SCIEX 5600) and MALDI TOF/TOF-MS (SCIEX 5800). These mass spectrometers cater to various applications.

**COURSE CONTENT**  
This SDP workshop provides an introduction to various technologies of proteomics including peptide mapping, protein identification, characterization of post-translational modification, quantitative proteomics approaches like TMTA, SILAC, SWATH, MRM and PRM.

**COURSE DETAILS**

Duration: 2 Months  
Dates: 01 April to 30 May 2025  
No. of Seats: 2  
Eligibility: Masters or higher degree (completed) in Biological Sciences or equivalent.

**PRIME INSTRUCTOR & TEAM**

Dr. Mahesh Kulkarni  
Dr. Nilakshi Sadavarte

**FOR WHOM**

- Students
- Academic Researchers
- Industrial Professionals

**HOW TO APPLY**  
Application form is available at - <http://www.ncl-india.org/files/SDP/Default.aspx>

**WHY CHOOSE US**


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

Here is the reason why **WHY CHOOSE US**

<https://nclsdnp.ncl.res.in/>  
[ncl.sdct@ncl.res.in](mailto:ncl.sdct@ncl.res.in)

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


**Envalior**  
Imagine the Future  
CSR Sponsor



CSIR-Indian Institute of Chemical Technology  
Uppal - Tarnaka Road, Hyderabad - 500 007, Telangana

**Advanced Biocatalysis & Biotransformation**  
- from Theory to Practice

*Unlock the Power of Biocatalysis for Sustainable Chemical Transformations!*



**Who Should Attend ?**

- Final year students in Chemistry, Biotechnology and Pharmaceutical sciences (M.Sc / M.Tech / B.Tech students, Researchers & Academicians)

**Batch size - 20 (limited seats)**

**Course Fee : Rs. 12,000/- (inclusive of Food & Accommodation)**

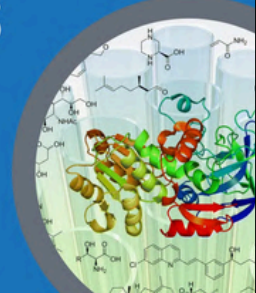
**Important dates**

- Online Registration : 14th March 2025 - 14th April 2025
- Communication to Shortlisted Participants : 18th April 2025
- Course Duration : 5th May 2025 - 16th May 2025 (10 days)

**REGISTER NOW**

**Course Co-ordinator**  
Dr. T. Kumaraguru  
Sr. Scientist, Dept of OSCP

**Nodal Officer**  
Mr. Anil Kumar  
Principal Scientist





# Employment News



WEEKLY

Login to <https://eneversion.nic.in/> to subscribe @ ₹ 530 per annum (with complimentary e-version)

VOL. XLIX ISSUE NO. 48 PAGES 44

NEW DELHI 1 - 7 MARCH 2025

₹12.00

## Skill India: Breaking Barriers, Building Skills

**Bhupendra Singh**

Are you fresh out of school or college looking to enhance your employability, or a mid-career professional aiming to pivot into high-growth industries? No matter where you stand in your professional journey, one truth remains constant: the right skills open the right doors.

The rapid rise of automation, digital transformation, and new business models has reshaped industries overnight, leaving yesterday's skills struggling to keep up with tomorrow's demands. According to the World Economic Forum's Future of Jobs Report 2025, employers anticipate

that 39% of the key skills required in the job market will change by 2030. This shift underscores the urgent need for continuous learning and adaptability.

So, how do you acquire the right skills? The answer is simple- by aligning with the demands of today and tomorrow. Among the evolving skill sets, technological skills are projected to gain prominence more rapidly than any other over the next five years. At the forefront of this transformation are areas such as Artificial Intelligence (AI) and Big Data, which top the list of in-demand skills. These are closely followed by networks and cybersecurity and overall technological literacy. However, the future of work isn't solely defined by technical expertise. Employers are placing increasing value on creative thinking, resilience, flexibility, and agility. Skills like curiosity and a commitment to lifelong learning are also becoming crucial, reflecting the need for professionals who can adapt to and thrive in an ever-changing environment.

In response to these emerging trends, the Government of India has not only



sustained but also restructured its flagship skill development initiative - the Skill India Programme - to ensure it remains relevant and impactful in this dynamic environment.

On February 7, 2025, the Union Cabinet, chaired by Prime Minister Shri Narendra Modi, approved the continuation and restructuring of the Skill India

Programme (SIP) until 2026. With a substantial outlay of Rs. 8,800 crore for the period 2022-23 to 2025-26, this move aims to integrate demand-driven, technology-enabled, and industry-aligned training, making skilling the backbone of the country's economic growth.

Continued on page 3



### Be Employment-Ready with Skill India Digital Hub Skill, Upskill, Reskill and Thrive!

<p><b>Hydrocarbon</b> Hydrocarbon Sector Skills are broadly divided into three sub-sectors, namely,</p>	<p><b>IT-ITES</b> IT-ITES is the fastest-growing sector in India and provides job opportunities.</p>	<p><b>Indian Plumbing</b> The plumbing and water management sector is a hugely diversified field with</p>	<p><b>Information Technology</b> IT-ITES is the fastest-growing sector in India and provides job opportunities.</p>
<p><b>Leather</b> Leather is a prominent sector in India and comprises of sub-sectors such as</p>	<p><b>Logistics</b> The logistics sector in India is the backbone of the manufacturing</p>	<p><b>Management &amp; IT</b> With progression in technology and fast-changing jobs, management</p>	<p><b>Management - Security</b> Management - Security</p>
<p><b>Media &amp; Entertainment</b> The Indian Media and Entertainment (M&amp;E) industry is one of the fastest</p>	<p><b>People with Disability</b> People with Disability</p>	<p><b>Production and Manufacturing</b> Production and Manufacturing</p>	<p><b>Retailers Association's</b> Indian retail industry accounts for over 15% of the country's gross domestic</p>

**Ranjana Kumari**

Launched in 2023 as part of the Skill India Mission, the Skill India Digital Hub was created to bridge the skill gap and improve employability across various industries. Developed by the Ministry of Skill Development and Entrepreneurship (MSDE), this all-in-one digital platform brings together government initiatives, industry leaders, and training providers to offer free or affordable skill development programmes. Beyond just learning, the

platform helps job seekers find relevant employment opportunities through AI-powered job matching, where machine learning matches candidates with suitable roles based on their skills and experience. It also uses skill-based profiling to ensure job seekers are connected to the right careers. The platform offers personalised learning paths, gap analysis to identify areas for improvement, digital screening tests to assess problem-solving skills, and AI-powered virtual interviews to help

recruiters select the best candidates. With more than 28 industry-specific training categories, government-recognised certifications, and direct access to apprenticeships and job listings, the Skill India Digital Hub is a game-changer for students, fresh graduates, and professionals, making upskilling, career growth, and employment more accessible than ever.

By December 2024, the Skill India Digital Hub (SIDH) has recorded over 1 crore registrations, marking a major milestone in India's skilling initiative. By June 2024, around 88 lakh candidates had signed up, and by August 2024, the platform had engaged over 60 lakh active learners, highlighting its growing popularity in providing skill development opportunities across various industries.

#### How Does the Skill India Platform Match Learners with Job Opportunities?

Understanding skill gaps is essential in today's fast-changing job market, where industries demand new skills faster than ever before. Technology plays a key role in identifying these gaps and connecting job seekers with the right skilling opportunities. AI-powered assessments analyse a person's current skills, pinpoint areas for improvement, and suggest

personalised learning paths. Big data and labour market analysis track industry trends, helping training providers align courses with in-demand skills. AI-driven job matching connects candidates with roles suited to their abilities, while virtual training platforms offer flexible and interactive courses. Chatbots and career guidance tools recommend skilling programmes based on individual profiles, and blockchain-based digital certificates ensure quick verification of skills for employers. By combining these technologies, job seekers can upskill efficiently, gain recognised certifications, and access better job opportunities, making career growth more accessible than ever.

The Skill India Digital Hub employ all these technologies to connect learners

Continued on page 2

**EN QUESTION OF THE WEEK**  
Readers' views elicited on important issues  
Last date for entry submission: 12/3/2025  
**FREE SUBSCRIPTION FOR WINNERS**  
Details on page 43

Follow us @Employ\_News  
Follow us @Employmentnews

# Boost Your Career Prospects with the Prime Minister Internship Scheme

## EN TEAM

Calling all career seekers! Don't miss your chance to gain real-world industry experience with the Prime Minister Internship Scheme (PMIS) Round 2. Registrations are open until 12th March, offering over one lakh internship opportunities in more than 730 districts across India. Following an overwhelming response of over six lakh applications in Round 1, this phase brings an even greater chance for young professionals to enhance their employability.

The scheme provides young individuals with an opportunity to gain practical experience, industry exposure, and professional networking in over 300 leading companies from sectors such as Oil & Energy, Banking, Automotive, Manufacturing, FMCG, and many more. These internships aim to enhance employability and skill development, preparing candidates for future career prospects.

Eligible applicants, aged 21-24 years and not currently enrolled in full-time education or employment, can apply for up to three internships based on their preferred sector, district, and state. Interns will receive Rs. 5,000 per month as financial assistance, along with a one-time grant of Rs. 6,000. Each internship includes at least six months of professional experience and relevant training to ensure meaningful skill-building.

To maximise outreach, over 70 Information, Education, and Communication (IEC) events are being conducted in colleges, universities, Industrial Training Institutes (ITIs), and employment fairs (Rozgar Melas) across districts with the highest number of internship opportunities.



Additionally, a nationwide digital campaign is in progress to ensure aspiring candidates can access relevant information about the scheme.

Announced in Budget 2024-25, the scheme aims to provide one crore internships in top 500 companies over five years. Spearheaded by the Ministry of Corporate Affairs, the Prime Minister's Internship Scheme is distinct from other existing skill development, apprenticeship, internship, and student training programmes implemented across States and Union Territories in India. It operates autonomously and remains independent of all ongoing Central and State government initiatives.

### Who Can Avail the Internship Scheme?

- Applicants must be Indian nationals aged between 21 and 24 years as of the last date of application submission.
- They should not be engaged in full-time employment or full-time education.
- However, candidates enrolled in online or distance learning programmes are eligible to apply.

- Candidates must have completed at least High School (Class 10) or Higher Secondary School (Class 12).
- Those holding qualifications such as:
  - ITI certificates
  - Diplomas from Polytechnic Institutes
  - Undergraduate degrees (e.g., BA, B.Sc, B.Com, BCA, BBA, B.Pharm, etc.) are eligible for the scheme.

### Who is Not Eligible?

- Graduates from premier institutes such as IITs, IIMs, National Law Universities, IISERs, NIDs, and IIITs.
- Candidates holding professional or higher qualifications, including CA, CMA, CS, MBBS, BDS, MBA, or any master's or higher degree.
- Individuals currently enrolled in any skill development, apprenticeship, internship, or student training programme under any Central or State Government scheme.

Continued on page 3

**EN Question of the week**  
Readers' views elicited on important issues  
Last date for entry submission: 12/3/2025  
**FREE SUBSCRIPTION FOR WINNERS**  
Details on page 39

Follow us  @Employ\_News

Follow us  @EmploymentNews

## Cabinet nod to rejig skilling initiatives with a combined scheme

**The Hindu Bureau**  
NEW DELHI

The Union government has decided to restructure its skilling initiatives, combining three of them into the Skill India Programme, a Central Sector scheme, with the Cabinet on Friday approving an outlay of ₹8,800 crore for a three-year period ending in 2025-26.

The Pradhan Mantri Kaushal Vikas Yojana 4.0 (PMKVY 4.0), the Pradhan Mantri National Apprenticeship Promotion Scheme (PM-NAPS), and the Jan Shikshan Sansthan (JSS) Scheme will now become the three key components of the composite Skill India Programme.

These initiatives aim at providing structured skill development, on-the-job training, and community-based learning, ensuring

**These steps aim at providing structured skill development, on-the-job training, and learning**

that both urban and rural populations, including marginalised communities, have access to high-quality vocational education, according to an official statement.

More than 2.27 crore people have benefited from these three flagship schemes of the Ministry of Skill Development and Entrepreneurship so far, it added. The programme will directly contribute to the Periodic Labour Force Survey (PLFS) data, ensuring that workforce development policies remain aligned with economic and industrial trends, the statement added.

## GENERAL EVENTS

सामान्य आयोजन

(Please click on the link to view the details)

- [NSDC setting up Centre for Future Skills at Chaudhary Charan Singh University](#)
- [KP Group Signs Mou With Sri Sri Trust For Setting Up Skill Training Centres](#)
- [Jayant hails NEP as progressive, forward-looking](#)
- [Jammu & Kashmir, Telangana, West Bengal And The Northeast In India Redefine Hospitality Workforce Excellence With South Asia And Radisson Hotels' Skill Revolution](#)
- [Swavalambini: A Game-Changing Women Entrepreneurship Programme](#)
- [Creating Opportunities for India's Youth: Why Skill-Building in Construction Can Drive Economic and Social Change](#)
- [President of India Droupadi Murmu visits the GMRVF-run Ekta Skill Development Center in Ekta Nagar \(Kevadia\), Gujarat](#)
- [10 skill development centres to come up in Assam with Rs 90 crore investment](#)
- [Madhya Pradesh Committed to Fostering a Business-Friendly Environment Through Skill Development: Gautam Tetwal at 5th APAC National Skill Conclave](#)
- [PM Modi urges stakeholders to invest in people, innovation to create jobs](#)
- [NITI Aayog recognises TASK as best practice in Skill Development](#)
- [NSDC to implement AI, ML, Robotics skilling programmes in schools](#)
- [IHCL and Ministry of Skill Development & Entrepreneurship Sign an MOU for Hospitality Skill Development Centre in Goa](#)
- [Tamaram schools to focus on security and skill development](#)
- [CM Rekha meets Mandaviya, discusses employment generation, skill development](#)
- [India's Roadmap to Economic Power: Skills, Innovation & Self-Reliance](#)
- [Pannaben Shukla's Journey: Empowering Women In Suredranagar Through Skill Training And Self-Reliance](#)
- [AI, 5G Skills Boost: Skill India Targets Industry Demands, Over 6.15 Million Beneficiaries Trained Till 2024](#)
- [Free livelihood skill development courses for youth in southern Chhattisgarh](#)
- [HAL and IIT Dharwad Sign MoU for Collaborative Research and Skill Development](#)
- [Tourism Department in Coordination with RLSS Organises Skill Development Training Programme on Beach Lifeguarding](#)
- [Nagaland budget focus on Skill Training, Solar Power](#)
- [HSBC India and Concern India Foundation join hands to provide EV Motor Skill Training and Sustainable Employment for Women](#)
- [Adani Centre empowers rural women with gift of skills for self reliance](#)
- [Graduate Skills Gap: A reality check for India's graduates](#)
- [Skill India programme provides training to 570 candidates in DK: MP](#)
- [India poised to become global skill capital: Prof. Duncan Bentley](#)
- [Zimbabwe gov't-sponsored skill training flagged off at Centurion University](#)
- [KidZania Transforms Learning for Young Minds in India as Global COO Hernan Barbieri Highlights the Future of Edutainment and Real-World Skill Development](#)
- [India's Ministry Of Tourism Spearheads Pioneering Skill Enhancement Initiatives To Supercharge Local Employment And Elevate Tourism Industry](#)

# GLIMPSES

## झलकियां



**CSIR-IICT**



**CSIR-AMPRI**



**CSIR-NEERI**



**CSIR-IIP**



**CSIR-CIMAP**

## USEFUL LINKS

### उपयोगी लिंक्स

<https://www.csir.res.in/csir-labs-units>

<https://msde.gov.in>

<https://nsdcindia.org>

<https://ncvet.gov.in>

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

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

## FEEDBACK

### प्रतिक्रिया

**From:** "Mahender Singh" <[mahender@csirhrdg.res.in](mailto:mahender@csirhrdg.res.in)>

**To:** "Neeti Sagar" <[neetisagar@csirhrdc.res.in](mailto:neetisagar@csirhrdc.res.in)>

**Sent:** Tuesday, March 4, 2025 10:44:56 AM

**Subject:** CSIR Skill Bulletin

Respected Madam,

In this "CSIR Skill Bulletin", I found "Useful link" most useful and important topic. It keeps familiar everyone with day-to-day activities of Government organization with important information.

Thanks & Regards,

MAHENDER SINGH

Sr. Technician

Award Section, CSIR-HRDG

CSIR Complex, Pusa Campus

New Delhi-110012



#### 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](mailto: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  
गानियाबाद- 201002 (यूपी) भारत

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

हमें फ़ॉलो करें



(CSIR Integrated Skill Initiative)

Detailed Brochure

