

# Happy New Year 2024



IMAGES: Various Skill Development Training Programs at different CSIR Labs.

## Editorial Team

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## SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

### सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-CGCRI, Kolkata organized a "Two-day" skill development program on "Drinking water & water quality parameters: Theory & Practical" at the Institute during 14-15 December 2023 as a part of the CSIR Integrated Skill Initiative Program.



CSIR-CDRI, Lucknow conducted a three-week basic training program in Electron Microscopy Techniques for Life Sciences from 20th Nov-8th Dec, 2023 under CSIR Integrated Skill Initiative.



CSIR-NIScPR, New Delhi organised a two days training on "Basics of Koha Software" Sixteen BLIS students from Delhi Skill Entrepreneurship University (DSEU), Vivek Vihar Campus, New Delhi attended the training during 14 - 15th December 2023.



CSIR-CCMB, Hyderabad conducted a two week MedSRT-Medical Students Research Training Program from 18th to 30th Dec 2023 under the aegis of CSIR Integrated Skill Initiative.



CSIR-CIMFR, Dhanbad conducted a five-day skill development program on "Analytical Chemistry and its Application in Soil and Water Analysis" during 11th-15th DECEMBER 2023.



CSIR-AMPRI, Bhopal participated in Bhartiya Vigyan Sammelan from 21st -24th Dec 2023, at Science City Ahmedabad, Gujrat. Participants from Sardar Patel University, Entrepreneurship Development institute of India and other Science & Engineering Institute gathered to learn from AMPRI Skill platform.



- [CSIR-4PI, Bengaluru organized a Session on Network telescope deployment at cybersecurity testbed for surveillance of Indian cyberspace. Feedback from participants and Valedictory of Data Science workshop on 15th dec. 2023](#)
- [CSIR-IITR, Lucknow inaugurated a two-day workshop program on Synthesis and In vitro Toxicity Evaluation of Silver Nanoparticles from 18th-19th Dec, 2023. 13 people participated in the workshop program.](#)
- [CSIR-CMERI, Durgapur organized a program on integrated Municipal Solid & Liquid Waste Management SYSTEM IN association with M/s Ecosafe Zero Waste Solutions Private Limited, Patna, Bihar from 6th-15th Dec, 2023. 14 participants took part in it.](#)
- [CSIR - CBRI, Roorkee organized TWO days' Training Program on "Building Construction Practices" commenced AT ON December 21, 2023, under the aegis of CSIR Integrated Skill Initiative. The program was being attended by 08 officers of Border Security Force \(BSF\).](#)
- [CSIR-CEERI, Pilani organized A one-day SDP outreach PROGRAM on "Semiconductor High Impact Learning Program" for Arya College of Engineering & Information Technology, Jaipur. Nearly 300 students participated in the event on 20th Dec.2023.](#)
- [CSIR-CRRI, New Delhi conducted 15 day Certification Skill Development course on Road Safety Audit & Other Road Safety Related aspects PROGRAM FROM 15-30 Nov. 2023, attended by 68 Participants including 10 women Participants.](#)

CSIR-CFTRI, Mysore conducted a workshop on the occasion of Janjatiya Gaurav Divas 2023, on "Opportunities in Food Processing for Tribal Empowerment" for the tribal women on 24th November 2023. Hands on demonstration arranged at various pilot plants by expert faculty members covering different types of food processing techniques. Participation certificates were distributed in the concluding session. As it was a Societal Outreach, no fees were charged for this training program.



CSIR-AMPRI, Bhopal conducted 2 days training program on "CNC Turner & Conventional Turner, Welder, Fitter" on 27th-28th December 2023.



- [CSIR-CMERI, Durgapur organized 5th batch of Skill Development Training Program on "Plastic Waste Disposal & Fuel Recovery- Characterization Through Gas Chromatography" from 20th-22nd December 2023. 30 MSc/M.Pharm/B.Tech students are attending the program.](#)
- [CSIR- NIIST, Thiruvananthapuram conducted a skill training program on "Microscopy and X-Ray Diffraction Methods in Materials Characterization" during the period from 4th-22nd December 2023 as part of CSIR Skill Initiative](#)
- [CSIR-NEERI, Nagpur had organized a Skill Training Program on "Water Safety / Security Plan" during December 19-20, 2023](#)
- [CSIR-CEERI, Pilani organized a Hands-on training for AI in agril, funding schemes and basic knowledge of IoT for agriculture from 27-29 Dec, 2023 under the CSIR skill initiative.](#)



## GENERAL EVENTS

### सामान्य आयोजन



**PM's Youth Skill Development Programme launched: PM describes skilled human resource as 'most important' asset of a nation**

**Ministry of Human Resources and Social Development KSA collaborates with NSDC to enhance skill development**

**IN-SPACE in collaboration with ISRO launches skill development courses**

**Only 45% job seekers employable in Indian IT-tech sector amid skill crunch**

**Anert launches EV skill development programme for polytechnic faculty**

**U.P. to enhance youth's skill development through ITIs, polytechnics**

**Assam Rifles establish women skill development centre**

**More girls keen to pursue skill training in Bhubaneswar**

**Skill Mapping at the Global Level for a Resilient, Equitable, Inclusive, Sustainable Future**

**CSR Foundations come together to launch future IT skills course for underprivileged youth**

**Virtual school offers skill development courses through local career centers**

**Skills and Education in India's Ascent to Global Leadership**

**Toyota Launched 64th T-TEP Institute in Uttar Pradesh, Bridging Skill Gaps in India's Auto Industry**

**Director Sericulture inaugurates Farmer Skill training programme at Manasbal, Jammu & Kashmir**

**Impact of soft skills development on improving university**

**Skill Development Seminar on Building Workforces for Future to take place on January 11**

**Tata Power and Odisha govt sign MoU to boost skill development in power sector**

**Ministry of Skill Development and Entrepreneurship reports growth in training institutes and seating capacity in Year-End**

**Ambuja Foundation and HDFC Bank Parivartan collaborate to skill 1700 youth in Delhi NCR in next 3 years**

**Andhra govt to train high school students in future skills; scheme to be rolled out on Jan 6**

**BSNL signs MoU with IIT-M, Anna University for skill development**

**Empowering women entrepreneurs under PM Vishwakarma Yojana. The 5-day training program at PNB RSETI Cachar, Assam**

**Skill India with IIT to offer specialised courses to upskill local youth as per industry needs**

**Lt Governor inaugurates temporary Composite Regional Centre for skill development, rehabilitation and empowerment of Divyangjan at Jammu**

**Hon'ble Minister of MESDE Dharmendra Pradhan's Visionary Discourse at IIM Jammu ignites young minds for Viksit Bharat @ 2047**

**World Bank greenlights USD 100M project to boost skill development, employment for women and youth in Sikkim**

**WorldSkills Asia's youth shine in Abu Dhabi.**



### CSIR-National Institute for Interdisciplinary Science and Technology Practical Course

### Microbial Identification: From Sequences to Species

08-11 January 2024, Trivandrum, India

#### SPEAKERS

- Dr. Ramon Rosello-Marro, Institut Marítim d'Estudis Avançats (CSIC-UIB), Spain
- Dr. Rakesh Sharma, CSIR-IGIB, New Delhi
- Dr. Syed Dastagir, CSIR-NCL, Pune
- Dr. Krishnamurthi Shanivasan, CSIR-IMTECH, Chandigarh

#### TOPIC COVERED (Theory and Rigorous Practical Session)

- Phylogenetic gene marker selection
- Multifocus sequence analysis/strain typing
- Microbial DNA/RNA extraction and purification
- Amplification/Purification/Gene clone library construction
- Amplification sequencing (DNA ABI 3500 sequencer operation and handling)
- Gene sequence and phylogenetic analysis

#### PRACTICAL COURSE FEE

UG/PG/PHD Students : Rs. 6000  
Industry : Rs. 10000

#### NO. OF SEATS : 12

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

#### PAYMENT DETAILS

The Director, CSIR-NIIST (Regional Research Laboratory-RRL)  
Account No: 67047723825  
IFSC Code: SBIN0703030  
Bank: State Bank of India (SBI)  
Address: Pappannanode, Industrial Estate  
Email: [sdp@nlist.res.in](mailto:sdp@nlist.res.in)

#### CONTACT DETAILS

Skill Development Coordinator  
Phone: 0471-2515326  
Email: [sdp@nlist.res.in](mailto:sdp@nlist.res.in)

#### COURSE COORDINATOR

Dr. N. Ramesh Kumar,  
Phone: 09946529175  
Email: [rameshkumar@nlist.res.in](mailto:rameshkumar@nlist.res.in)

CSIR-National Institute for Interdisciplinary Science and Technology  
Thiruvananthapuram-695 019, Kerala, India

### Advanced Course on Analysis and Design of Steel Structures for Extreme Loads (ADSSE-2024)

22<sup>nd</sup> - 24<sup>th</sup> January 2024

**Topics Covered:**

- Basics of design of steel structures for extreme loads
- Seismic resistant design of components, connections and structures
- Fire and Blast resistant design of steel structures
- Vibration Control of steel structures
- Design, analysis, testing, repair and retrofitting of transmission line towers, etc.

**For more details:**

**Course coordinators:**  
Dr. A. Cinthia and Dr. J. Pravin  
[cynthia@serc.res.in](mailto:cynthia@serc.res.in), [jpravin@serc.res.in](mailto:jpravin@serc.res.in)

**Venue:**  
Training and Development Complex  
(TDC), CSIR-SERC, Chennai.

**For registration:**  
<https://serc.res.in/course>

### CSIR-CEERI Skill Development Program ON BASIC TRAINING ON SMART FARMING FOR ENTREPRENEURSHIP

10-12 JANUARY, 2024  
09:30AM-05:30 PM

**REGISTRATION LAST DATE : 7 JAN, 2024  
SHORTLISTING : 8 JAN, 2024  
MAIL TO SELECTED CANDIDATES: 09 JAN, 2024**

**Who can apply**  
Persons from Industry, MSMEs, Agri-start-ups, faculty members, trainers, incubators, Graduates (Engineering/ Sciences)

**For queries:**  
contact: [headtbd@ceeri.res.in](mailto:headtbd@ceeri.res.in), [vc@ceeri.res.in](mailto:vc@ceeri.res.in)  
+91-9414390684, +91-9996203470

## NEWS CLIPPINGS

### न्यूज़ क्लिपिंग

### SETTING TARGETS FOR PHASE-4 OF PM KAUSHAL VIKAS YOJANA

## National Skill Plan in Works to Map HR Needs in Each District

Targets based on sector-wise demand till now; steering committee soon

Yogita.Sharma@timesgroup.com  
**Back to the Roots**  
Candidates to be trained for local industry, domestic and global markets  
**Scheme to run for four years from 2023, train 15 million**  
**Ministry aims to train 2 million candidates in current year**

PMKVY 1.0 (2015-16)	Trained	Certified	Placed
1.98	1.45	0.26	
PMKVY 2.0 (2016-20)	11.0	9.1	2.1
PMKVY 3.0 (2020-22)	0.73	0.43	0.04

**The move signals a strategic shift** since targets have so far been based on sector-wise demand, said to a senior government official.  
**"The idea is to expand outreach of the Skill India Mission** and ensure employment generation even at the district level and below while also preventing large-scale migration to urban centres for work," said the official, who did not wish to be identified.  
**The proposed plan will focus on**

## 21.15 lakh applications received under PM Vishwakarma Scheme, says Skill Ministry

**Main Paragraph**  
The PM Vishwakarma Scheme, launched by the Centre on September 17, has received over 21 lakh applications in two-and-a-half months, data from the Ministry of Skill Development and Entrepreneurship (MSDE) show. The scheme, aimed at supporting and providing skill upgrade training to artisans and craftsmen, was announced by Prime Minister Narendra Modi.

The highest number of applications had come from Karnataka (6.28 lakh), followed by West Bengal (4.04 lakh), Assam (1.83 lakh), Uttar Pradesh (1.53 lakh) and Andhra Pradesh (1.21 lakh). In contrast, 15 States including Haryana, Kerala, Chhattisgarh, Himachal Pradesh, Uttarakhand, and north-eastern States have seen fewer than 10,000 applications each.

Atul Kumar Tewari, Secretary of Vishwakarma Scheme, said over 4.013 applications for the trade of armorer. It was thought that this was an ancient and redundant profession but it seems armors are in demand for making movie costumes," Mr. Tewari added.

The Vishwakarma Scheme provides formal training for upgrade and modernisation of traditional skills amid a changing economic landscape. It also offers financial assistance and creates avenues of "market linkage" for persons working in 18 trades and crafts. These include carpenter, boat maker, armorer, blacksmith, hammer and tool kit maker, locksmith, goldsmith, pointer, scissor, cobble-stone, basket-maker, doll and toy-maker, barber, garment maker, washerman, taker, and fishing net-maker.

Mr. Tewari further added that while lakhs of persons have applied across the country, they are being vetted at three levels — by village committees and district and State levels.

"As of December 1, 17.75 lakh candidates are ready to undergo training from 21 States. The target is to cover 4.72 lakh beneficiaries in FY 2023-24," Mr. Tewari said. Of these, Karnataka has locked 7,924 candidates, followed by Assam (4,989), Andhra Pradesh (2,771), Uttar Pradesh (1,613). "After the applications are thoroughly vetted, they will attend basic training of five to seven days and advanced training of 15 days with a stipend of 2500 per day that will expose them to modern tools, latest technologies, design elements, and digital and financial skills," Mr. Tewari said.

The budget envisaged for the scheme from financial year 2023-24 to 2027-28 is 21,33,000 crore. While 4.04 lakh candidates have applied from West Bengal, the State has not put in place village, district- and State-level committees for vetting candidates yet, officials said.

Lockwood-based Jit Kumar Tiwari, one of the master trainers, who is also on the training panel of Department of Housing and Urban Planning in Uttar Pradesh, told The Hindu that he will train some of the early batches of Vishwakarma applicants at Ballia district of Uttar Pradesh, later this month.

## Plan to Recognise Skill Certification of MNCs, Top Cos

**Going Global**  
Big cos to award government recognised skills certificates  
Will align training to global standards, give credits under NCFE

**HOW WILL IT HELP?**  
Enhanced employability and mobility for candidates  
EMPLOYERS WILL HAVE ACCESS TO INDUSTRY-RELEVANT SKILLED WORKFORCE  
Creation of a talent pool suited for global requirements

Microsoft, IBM, HCL Tech, CII on board; talks on with Google, Meta, Cisco  
Yogita Seth

New Delhi: The government has initiated a plan to recognise skill certifications awarded by top corporates, including multinationals to their employees by standardising and assigning credits to their skills training and benchmarking it to international standards.

While Microsoft, IBM, HCL Tech and the Confederation of Indian Industry (CII) have come on board, talks are on with Google, Meta, Cisco and various sector leaders, a senior government official told ET.

The plan is to have at least 10 international awarding bodies in the next two months and double this to 20 by July 2024, the official said. The National Council for Vocational Education and Training (NCVET), under the government's Skill India Mission driven by the Ministry of Skill Development and Entrepreneurship, would provide the recognition to these entities. Officials said government recognition would lend credibility to the certification given by private entities and enable greater mobility for employees.

Small start-ups to the companies did not elicit any response till the press time Friday. Typical large corporates undertaking skilling, reskilling and upskilling for their new recruits and existing workforce while also providing inter-ship and apprenticeship.

## IIT, IIM, DU में पढ़ने का सपना होगा पूरा

**कई IIA के साथ हुए MoU: अतुल तिवारी**  
अतुल कुमार तिवारी ने कहा कि इन सौ सालों के बाद जब भारत में एक ऐसा हीरो का जन्म हुआ है जो न केवल भारत में बल्कि दुनिया भर में पहचान बना रहा है। उन्होंने कहा कि वे इन सौ सालों के दौरान हीरो बनने का सपना देख रहे थे और वे इसे पूरा करने में मदद करने के लिए IIT, IIM और DU से सहयोग, वित्त और शिक्षा को आमंत्रित करने के लिए हैं।

कई IIA के साथ हुए MoU: अतुल तिवारी ने कहा कि इन सौ सालों के बाद जब भारत में एक ऐसा हीरो का जन्म हुआ है जो न केवल भारत में बल्कि दुनिया भर में पहचान बना रहा है। उन्होंने कहा कि वे इन सौ सालों के दौरान हीरो बनने का सपना देख रहे थे और वे इसे पूरा करने में मदद करने के लिए IIT, IIM और DU से सहयोग, वित्त और शिक्षा को आमंत्रित करने के लिए हैं।

## कोशल विकास पर पांच दिवसीय कार्यशाला संपन्न

**सिफर**  
कोशल विकास पर पांच दिवसीय कार्यशाला संपन्न

कोशल विकास पर पांच दिवसीय कार्यशाला संपन्न। इस कार्यक्रम में मन्नाकांत रावण, मुख्य सचिव, कोशल विकास, और अन्य अधिकारियों ने भाग लिया। कार्यक्रम का उद्देश्य किसानों को आधुनिक तकनीक अपनाने में मदद करना है।

## स्किल डवलपमेंट प्रोग्राम का समापन आधुनिक तकनीक अपनाने के लिए किसान बन सकते हैं उद्यमी : डॉ. पंचारिया

**पिलानी @ पत्रिका. स्मार्ट व आधुनिक तकनीक अपनाने के लिए किसान बन सकते हैं। यह बात डॉ पीसी पंचारिया, निदेशक, सीएसआईआर-सीरी ने कही। वे उद्यमिता के लिए स्मार्ट कृषि विषय पर कोशल विकास कार्यक्रम में बोल रहे थे। दरअसल, राष्ट्रीय अनुसंधान प्रयोगशाला सीएसआईआर-सीरी में 27 से 29 दिसंबर, 2023 तक छात्र-छात्राओं के लिए उद्यमिता के लिए स्मार्ट कृषि विषय पर कोशल विकास कार्यक्रम का आयोजन किया गया था। 29 दिसंबर को इसका विदाई सत्र था। कार्यक्रम के मुख्य अतिथि नेशनल इंस्टीट्यूट ऑफ एग्रीकल्चरल मार्केटिंग (नियाम), जयपुर के चीफ ऑफरेंटिंग ऑफिसर डॉ रवि कुमार गोयल थे।**







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## CSIR INTEGRATED SKILL INITIATIVE

*Bridging Indian Skill-gaps in Scientific Disciplines*

### 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>

#### 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

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हमें फॉलो करें



(CSIR Integrated Skill Initiative)