



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

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
- Nodal Office Updates
- Upcoming Events
- News Clippings
- General Events
- Glimpses
- Useful Links

SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR NIIST, Thiruvananthapuram organized a three-day long training program on "Advances in Polymer Material Science" from 27th to 29th May 2024. 29 participants took part in the program.



CSIR-CECRI, Karaikudi organized a one-week training Program on "Basics of High-Resolution Imaging Techniques and their Application to Science and Technology" from 3rd-7th June 2024. This program aims to provide the latest knowledge & Imaging techniques allow neuroscientists to visualize the anatomy and physiology of the available materials. This program was attended by 51 participants by covering different parts of India.



CSIR-IICT, Hyderabad organized an inaugural event of Finishing School on "Advanced Synthetic Organic Chemistry Trainings" on 3rd June 2024. 18 PG students in Chemistry attended this advanced skill development training.



CSIR-CBRI, Roorkee organized a training program on "Design, Construction and Systematic Operating Procedures of High Draught Brick Kilns" on 9th June 2023 for the brick kiln owners and operators, at Lucknow. Around 150 participants from different Districts of Uttar Pradesh participated in the program.



CSIR-CECRI, Karaikudi organized a training program on "Paints and Coatings for Corrosion Protection" during June 10th-14th, 2024. This program aims to provide the latest knowledge & skills of the Paints and Coatings. This program was attended by 49 participants by covering different places of Tamil Nadu, India.



CSIR-NPL, New Delhi organized a two-day training program on "AI in Healthcare and Its Applications" from 10th-11th June 2024. 32 participants took part in this program from the Institute of Information Management and Technology, Aligarh.



CSIR-NPL, New Delhi organized a two-day training program on "Materials Characterization from June 12th-13th, 2024. Total 22 students participated, where 11 from DTU, 8 from NPL, 1 from Ramjas College, and 2 from Jawaharlal Nehru Inter College.



CSIR-NBRI, Lucknow is organizing a month-long Program on "Bio-Inoculant Producer for Agricultural Application" from 4th June to 5th July 2024. Around 30 students participated in this program.



CSIR-NBRI, Lucknow is organizing a month-long training program on "Plant Tissue Culture Technician" from 14th June to 12th July 2024. Around 15 students participated in this program.



(Please click on the link to view the details)

- CSIR-IHBT, Palampur organized a three-day capacity building program on "Hands-on Training in Gene Cloning and Sequencing" from 29th-31st May 2024. 10 students of Botany and 01 faculty member from Sardar Patel University, Mandi (H.P.) participated in this program.
- CSIR-IITR, Lucknow organized a one-day workshop on "Presentation Skills" on 24th May 2024 at Era College of Pharmacy, ERA University. The objective of the program was to provide a complete roadmap to the students regarding their presentation skills which will benefit them in their future endeavors.

NODAL OFFICE UPDATES

नोडल कार्यालय अपडेट

- On 11th June 2024, the Skill Nodal Office Team at HRDC visited NCVET office, New Delhi and met with Dr Nirmaljeet Singh Kalsi (Chairperson) and other officials on special invitation. During the meeting various Skill modalities were discussed to improve the project performance.
- On 11th June 2024, CSIR-HRDC Skill Nodal Team visited CSIR-NPL, New Delhi in the closing session of two-days training program on "AI in Healthcare and Its Applications" & interacted with the participants.

Upcoming event of CSIR-IICB under CSIR Integrated Skill Initiative



Please click this link to view the details

SKILL DEVELOPMENT PROGRAMME

Introduction to Life cycle assessment studies on bioprocessing and chemical engineering - Phase I

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

To impart basic knowledge and awareness about the various LCA tools and techniques for the study of the impact of multiple processes.

ONLINE EVENT ON: June 28, 2024

Course fee: Rs. 750 + 18% GST (For Post-graduate and Ph D Scholars) Rs. 1000 + 18% GST (For Industries)

Residential 4 days Phase II of the LCA training program is scheduled on July-August 2024 and the people who attended the online Phase I training program will be given first preference and concession to register for a limited seated 4-day Phase II offline program at NIST.

What do you learn in a day?

Morning Session (10:00 AM - 12:30 PM)

- Introduction to Life Cycle Assessment (LCA)
- Need of LCA with respect to industrial scenario
- Various tools for LCA

Afternoon Session (2:00 PM - 4:00 PM)

- Demonstration of LCA in both paid and free software
- Sample publications on LCA and how to write manuscripts on LCA-based studies.
- Demonstration of LCA studies on bioethanol production, cement manufacturing and electricity generation.

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.

ACCOUNT DETAILS
The Director, CSIR-NIST
Account No: 67047723825
IFSC Code: SBI00070030
Bank: State Bank of India (SBI)
Address: Pappanamcode, Industrial Estate

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

Course Coordinator:
Dr. T. Venkatesh
Dr. P. Binod

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

SKILL DEVELOPMENT PROGRAMME

Structure elucidation of organic molecules by NMR

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

TOPICS TO BE COVERED

- Types of 1D and 2D NMR experiments required for structure elucidation
- Case studies of structure elucidation of natural products and synthetic molecules
- Using TOPSPIN software for publication of NMR data

COURSE BENEFITS

- Interpretation of 1D and 2D NMR data
- Develop expertise in structure elucidation of natural products and synthetic organic molecules

ACCOUNT DETAILS
The Director, CSIR-NIST
Account No: 67047723825
IFSC Code: SBI00070030
Bank: State Bank of India (SBI)
Address: Pappanamcode, Industrial Estate

Course fee: Rs. 10,000/-

To develop expertise in structure elucidation of organic molecules by interpretation of both 1D and 2D NMR techniques

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

No. of Seats: 10

Course coordinator:
Dr. Ravi Shankar Lankalapalli

DATE:
24-28 June 2024 (5 days)

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

SOIL AND WATER TESTING LAB ANALYST (AGR/Q8103)

Learn with us -

- AGR/NS101 Adhere to sanitation & safety guidelines of the lab
- AGR/NS108 Conduct soil physical & chemical analysis
- AGR/NS109 Conduct water sample analysis
- AGR/NS110 Prepare soil & water health card
- AGR/NS111 Supervise & train lab assistant in good lab practices

DATE- 27.06.24 - 26.07.24(4-5 WEEKS)

ELIGIBILITY- B.Sc(Agriculture/Chemistry) with 6 months of experience in soil & water testing

COURSE FEE- For Academia: Rs.5000/- For Industry: Rs.10000/-

LAST DATE OF REGISTRATION - 25.06.24

COURSE COORDINATORS
Dr. Nasreen Ghazi Ansari
Dr. S. Patil

STUDENT COORDINATORS
Manika Yadav - 7903199463
Sodhya Zafar - 9838608758
Dr. Revi Ram Kritipal (Nodal Scientist) - 9307449236

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

Click/Scan here to register

VERVE
CSIR-ITR
M.G. Marg,
Lucknow

CSIR - Indian Institute of Technology Research, (CSIR-ITR) Vikas Nagar, Block-21, Mahatma Gandhi Marg, Lucknow - 226001

NATIONAL WORKSHOP ON WATER QUALITY MONITORING FOR SUSTAINABLE AQUACULTURE

EVENT DATE: 26-28 June 2024, VENUE: CSIR-NIO GOA.

Last date for registration : 19 June 2024
Selected participants intimation: 21 June 2024
Confirmation by selected participant: 23 June 2024
Note: Selected candidates are required to confirm their registration via mail. No accommodation will be provided.

Target Participants: BSc/MSc students and Research scholars

REGISTER NOW

<https://forms.gle/wk1s3n2sjkDazCbP8>

Contact Phone Number:
Dr. Rakhee Khandeparkar: 9423319253
Mr. Parag Acharekar: 7020334021

CSIR INTEGRATED SKILL INITIATIVE

CSIR-NCL SKILL DEVELOPMENT PROGRAM

"X-Ray Techniques"

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

ABOUT COURSE
X-ray diffraction (XRD) is a powerful technique used to determine the crystal structure of a material. It involves the diffraction of X-rays by the atomic planes in a crystal lattice. The resulting diffraction pattern is analyzed to determine the spacing and orientation of the crystal planes. XRD is widely used in materials science, chemistry, and physics to study the structure of various materials, including metals, polymers, and minerals.

COURSE CONTENT

- Practical X-ray diffraction technique (XRD)
- X-ray fluorescence (XRF)
- X-ray photoelectron spectroscopy (XPS)

COURSE DETAILS
Duration: 10 days
Batch size: 10-15
Fee: 5000/-
Scholarship: 10000/-
Mode: On-site
Location: NCL, Sector-10, Gurgaon, Haryana

FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

PRIME INSTRUCTOR & TEAM
Dr. S. Mishra and Team

HOW TO APPLY
Application form is available at: <https://www.ncl.res.in/Files/SDD/Default.aspx>

Here is the reason why WHY CHOOSE US

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

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

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

Envulior
CSIR Sponsor

SEMICONDUCTOR HIGH-IMPACT LEARNING PROGRAM

SHILP

More than 500 participants tested in state-of-the-art semiconductor device fabrication

HERE'S WHY YOU SHOULD JOIN OUR TRAINING:

- State of the art hands-on training program
- Learn from the leaders of the semiconductor technology
- Comprehensive Curriculum
- More than 90% hands-on training
- Affordable price for the course

EMPLOYING SEMICONDUCTOR'S BROTHERS: MASTER THE FUTURE WITH HIGH-IMPACT SEMICONDUCTOR LEARNING!

CSIR-CEERI welcomes graduate students to enter into the world of semiconductors for a self-reliant India

Practical sessions on:

- Water Cleaning
- Sputter Coating
- Etch
- Photo Lithography
- Metallization
- Die Attach
- Wire Bonding
- Final Characterization

वेबसाइट: Website: <https://www.ceeri.res.in/shilp/>
For queries contact
Dr. Manish Mathew: +91-9414393664 Dr. Vijay Chatterjee: +91-9996203670

BIostatISTICS FOR BEGINNERS

LEARN WITH US-

- Collection /compilation of data
- Hands on data analysis with dummy data sets
- Introduction & hands on data analysis using statistical software packages
- Description statistics & inferential statistics
- Generation of hypothesis, accept/reject null hypothesis (including Type I & Type II errors)
- Parametric & Non Parametric statistical tools
- Analysis of variance (ANOVA), one way & two way post hoc tests

Date: 24.06.24 - 27.06.24 (04 days)

Time: 9:00 AM onwards

Course fee: For Academia-Rs.5000/-
For Industry-Rs.10000/-

Eligibility: M.Sc./Research Scholars

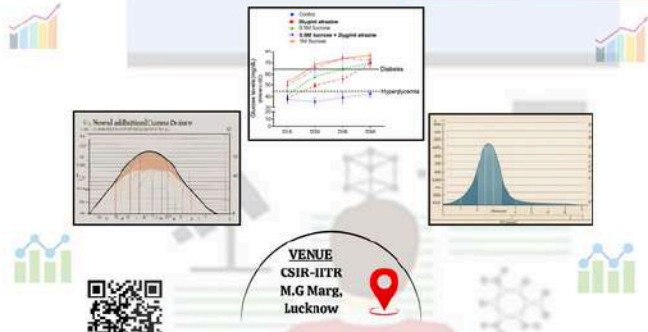
Last date of registration: 20.06.24

Limited Seats Only

Course Coordinators

Dr. Ravi Ram Kristipati - Senior Principal Scientist
Dr. Aruna Sethi - Principal Scientist
Dr. Debabrata Ghosh - Principal Scientist

Certificates will be provided to all participants



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



STUDENT COORDINATORS
Monika Yadav - 7905199463
Sadiya Zafar - 9836008798
Dr. Ravi Ram Kristipati (Nodal Scientist) - 9307449236

VENUE
CSIR-IITR
M.G Marg,
Lucknow



*Workshop 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 refundable, unless the course is cancelled.

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

Dr. R. Jayaram			
6	Electroplating and metal finishing <i>Dr. N. Rajasekaran Dr. C. Jayabharathi</i>	24 - 28 June 2024	10 th / 12 th pass or fail / ITI / Polytechnic / Diploma pass or fail
7	Chromatography and spectroscopy <i>Mr. V. Saravanakumar Mr. T. Muruganandan</i>	01 - 05 July 2024	Bachelor Degree in Chemistry, Biotechnology, Biomedical/ Biochemistry, Pharmacy or Engineering sciences
8	Cathodic protection and pipeline corrosion <i>Ms. R. Monika Dr. S.M. Ganesan</i>	08 - 12 July 2024	ITI / Polytechnic / Diploma pass or fail

कौशल विकास प्रशिक्षण कार्यक्रम (2024 - 2025)
SKILL DEVELOPMENT TRAINING CALENDAR (2024 2025)

सीएसआईआर-केंद्रीय विद्युतरसायन अनुसंधान संस्थान
(पैदागिक तथा औद्योगिक अनुसंधान परिषद)
कारकूडी-630003, तमिलनाडु, भारत

CSIR-Central Electrochemical Research Institute
(Council of Scientific & Industrial Research)
Karakudi-630003, Tamil Nadu, India

CSIR - Integrated Skill Initiative
Workshop On
Instruments and Techniques for Sampling, Monitoring, and Analysis of Environmental and Industrial Pollution - Hands-on Training

26-28 June, 2024 | 9:30 AM onwards

REGISTER NOW

VENUE: CSIR-IITR CRK CAMPUS

REGISTRATION FEES:
[For Academia- Rs.3000/-]
[For Industry- Rs.6000/-]

Last Date for registration-20.06.2024

Learn with us

- Monitoring and sample collection for the stack emissions and ambient air, and physico-chemical speciation analysis of air pollutants
- Data extraction, statistics, and assessment practices on environmental pollution measurements, sources, meteorological and terrain data products
- Dispersion and receptor modeling techniques for emission inventory, and identification and apportionment of environmental pollution sources

Eligibility:
Sciences or Engineering graduates in B.Tech./M.Sc./M.Tech. of Environmental/Civil/Chemical/Computers/Mechanical/Chemistry/Physics/ Mathematics/Statistics

Course Coordinators
Dr. B. Sreeharth
Er. A. H. Khan

STUDENT COORDINATORS
Monika Yadav - 7905199463
Sadiya Zafar - 9836008798
Dr. Ravi Ram Kristipati (Nodal Scientist) - 9307449236

✓E- Certificates will be provided to all successful participants
✓Exposure to research methods and scientific labs

CSIR-Indian Institute of Toxicology Research
C.R. Krishnamurti (CRK) Campus, Sarojini Nagar Industrial Area, Gheru, Lucknow - 225 008

SKILLING PARTNERS OF CSIR-IITR

ASCI, IISDC, KANSOL BHARAT, KUSHAL BHARAT

FRESH/UP/RE-SKILL YOURSELF WITH CSIR-ITR TO REALIZE YOUR DREAM CAREER IN INDUSTRY/ACADEMY

More than 2000 students trained in last 4 years

PEOPLE TRAINED OVER THE YEARS

CSIR-IITR IN SERVICE TO HEALTH AND ENVIRONMENTAL SAFETY SINCE 1965

CSIR-IITR is a well-recognized laboratory and has also received Good Laboratory Practices (GLP) certification for various scientific studies. CSIR-IITR has been implementing Skill Development Programs to generate skilled human resources under the CSIR integrated skill initiative. To enhance the industry skills among their students, experience and prepare them for careers in their future industries, CSIR-IITR has implemented skill training for students under the Skill India CSIR Development Council (SDC) and the Agriculture Skill Council of India (ASCI). To offer job orienting training, CSIR-IITR is offering professional development training (PDT) in collaboration with the Ministry of Micro, Small, and Medium Enterprises, Government of India. Hands-on practical and specialized training programs in different technological techniques and environmental monitoring systems are in place to train budding scientists and students and working professionals.

SUCCESS STORIES:
EMPLOYMENT ORIENTATION/PLACEMENT OF TRAINEES:
*Sales Officer at Lotus Beauty Care Products Pvt. Ltd., Haridwar
*Manager Environment at STRABAI India Pvt. Ltd., New Delhi
* 71 participants benefited from our courses in their job placement.

CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH

JUNE 2024

Hands-on training in Microbiology and Molecular Techniques
Date: 18.06.24 - 21.06.24 (04 days)
Eligibility: B.Sc./M.Sc. in life sciences
Course Fee : For Academia: Rs. 2000/- For Industry: Rs. 5000/-
Course Coordinator: Dr. Preeti Chaturvedi

Biostatistics for beginners
Date: 24.06.24 - 27.06.24 (04 days)
Eligibility: M.Sc./ Research Scholar
Course Fee : For Academia: Rs.5000/- For Research: Rs.10000/-
Course Coordinators: Dr. Ravi Ram Kristipati,

Lab Technician-Research & quality control (LFS/Q0509)
Date: 25.06.24 - 25.07.24 (05 weeks)
Eligibility: 12th Pass
Course Fee : For Academia: Rs. 5000/- For industry: Rs.10000/-
Course Coordinators: Dr. Alok K Pandey, Dr. Vikas Srivastava

Instruments and Techniques for Sampling, Monitoring, and Analysis of Environmental and Industrial Pollution - Hands-on Training
Date: 26.06.24 - 28.06.24 (03 days)
Eligibility: B.Tech / M.Tech in Environmental/ Civil/Chemical/ Mechanical Engineering Dr M.Sc. In Environment/ Chemistry/ Physics
Course Fee : For Academia: Rs. 3000/- For industry: Rs.6000/-
Course Coordinators: Dr B. Sreekanth, Er A H Khan

Upskilling in AI and ML makes students ready for the future

Opening the doors for competitive careers, these courses will give students a chance to be a part of the emerging industry, writes **Ketan Rajawat**

The world around us is being reshaped at breakneck speed. Artificial Intelligence (AI) and Machine Learning (ML) are at the forefront of this transformation, with a fundamental shift in approaching complex problems. For professionals seeking to remain relevant and competitive in their careers, upskilling in AI and ML is essential, especially with compelling career opportunities that require these skills.

The curriculum helps students to establish a strong foundation in data analytics, machine learning, deep learning fundamentals, and role of statistics

Computer Vision covers teaching machines to 'see' and interpret visual information. Natural Language Processing (NLP) is an area that bridges the gap between human language and machine understanding. The study of ML with large datasets helps students to tackle the challenges and opportu-

nities presented by big data. Students also explore the applications of AI in various industries, such as healthcare, the Internet of Things (IoT), and industrial automation.

Career opportunities
Graduates of the e-Masters program at IIT Kanpur emerge confident to face any challenge. With an emphasis on hands-on learning and real-world projects, students are also equipped to tackle advanced research roles in academia or industry. Career opportunities include: AI Researcher: Pushing the boundaries of AI through research and development.

Global relevance
The skills acquired are not limited by geographical boundaries. Graduates can find opportunities in tech hubs like Silicon Valley, Berlin, and Singapore.

The e-Masters programme is open to individuals with a Bachelor's or Master's degree in fields such as Computer Science, IT, or MCA holding a minimum of 65% marks or a 5.5/10 CGPA.

(The article is a professor at Department of Electrical Engineering and Professor-in-Charge at Office of Digital Learning, IIT Kanpur)



Exploring the curriculum

Students establish a strong foundation in data analytics, linear algebra, machine learning basics, optimisation techniques, deep learning fundamentals, and the crucial role of probability and statistics in ML. They learn to delve deeper into specialised areas based on their interests and career aspirations. ML is a subset of AI that includes techniques that allow computers to improve at tasks with experience.

Women reshaping industry by foraying into male-dominated trades

Priyadarshini Gupta
@timegroup.com

The recently concluded IndiaSkills Competition 2024 witnessed an increased participation of women in trades that were previously dominated by men. More than 170 women participated in trades like logistics and freight forwarding, web technologies, visual merchandising, industrial design technology, renewable energy. New-age skills, including autonomous mobile robotics, automobile repairing, cloud computing, and mechatronics garnered a lot of popularity in this edition.

Atul Kumar Tiwari, secretary, Ministry of Skill Development and Entrepreneurship, says, "Empowering women in traditionally male-dominated trades is not just about breaking barriers; it is about reshaping industries. The competition, this year, saw a remarkable surge in female participation across male-dominated sec-

tors. This surge also reflects the collaborative efforts of MSDE in fostering gender inclusivity." Representation from Tamil Nadu, Odisha, Sikkim and Maharashtra confirmed that women from across India are not just competing, they are paving the way for a more diverse and dynamic workforce. "Their journey from underrepresentation to over 170 this time, underscores the transformative power of skill development. Among them, 20 women gold winners in skills like robot system integration, logistics and freight forwarding, plumbing, and heating, and shoemaking, stand as shining examples of excellence. Beyond the competition, the participants hold the keys to a future marked by employment opportunities, advanced training, and recognition," he says.

Evolution is promising

Urging women to break free from societal constraints, Rinki Mahato, a national-level winner in the plumbing section in 2022, says, "Women not only competed but also excelled in fields such as plumbing and heating, shoemaking, robot system integration, and logistics and freight forwarding. This year's competition marked a significant shift, showcasing women's capabilities and determination to succeed in these areas."

Seeing more women enter and succeed in this male-dominated trade is inspiring.
—Rinki Mahato



Vol 24, No. 44, PNN No. DELE/ENG/2001/4848. Published for the proprietors, Bennett, Coleman & Co. Ltd. by Rajeev Vaidya at Times House, 7 Bahadurshahi Zafar Marg, New Delhi and printed by him at Times of India Press, 3, Site 1 Industrial Area, Sahibabad (UP). Editor: Priyanka Sinhasrawa. All rights reserved. Reproduction in whole or part without written permission of the publisher is prohibited.

Short-term courses for 2024-25 by CFTRI

MYSURU, DHNS: CSIR-Central Food Technological Research Institute (CFTRI) is conducting short-term courses for the year 2024-25.

The institute is organising 27 regular training programmes, skill development programmes and short-term courses this year, under the CSIR integrated skill initiative, in Food Science and Technology.

Due to its short duration and capsulated syllabus, the short-term courses are well received by the students, academicians, em-

ployed and entrepreneurs. The programmes are also beneficial for unemployed youth to enhance their skill towards employability, to establish their startup venture, based on food processing.

Successful participants will be given participation certificates at the end of the course.

Apart from the regular training programmes, the CFTRI arranges custom-made programmes exclusively designed for academic institutions, government departments or agencies, industries, FPOs, SHGs, for their students, staff,

sponsored-participants or members in the area of food processing.

CSIR-CFTRI has trained more than 1,800 personnel in 2023-24, under various training streams such as Pradhan Mantri Formalisation of Micro Food Processing Enterprises (PMFME) Scheme, farmer-centric training programmes and short-term courses.

For information and registration, visit: <https://stc.cftri.res.in>; E-mail: stc@cftri.res.in; contact: 0821-2514 310, according to a press release.

Interactive AI teachers enhance communication skill

The AI teacher Iris can enhance classroom learning, take attendance and address queries to unburden the students

There has been a huge demand for AI, which costs around \$2 lakh. Schools from remote places are also planning to introduce Iris.

The AI teacher Iris can enhance classroom learning, take attendance and address queries to unburden the students. It is a virtual teacher that can interact with students, take attendance, and answer queries. It is a virtual teacher that can interact with students, take attendance, and answer queries. It is a virtual teacher that can interact with students, take attendance, and answer queries.



Popular among primary class students, Iris can interact with students, take attendance, and answer queries. It is a virtual teacher that can interact with students, take attendance, and answer queries. It is a virtual teacher that can interact with students, take attendance, and answer queries.

TO TAP INT'L JOB OPPORTUNITIES FOR THE YOUNG... India, UK Begin Talks on Recognising and Mapping Skill Gaps

India eyes possibility of linking its National Career Service portal with the UK gov't's job portal



New Delhi: India has begun discussions with the UK on mapping of skill gaps and mutual recognition of skills between the two countries looking to tap international job opportunities for its young and growing workforce.

MSME TECHNOLOGY CENTRE
GOVERNMENT TRAINING PROGRAM ON **SOLAR ENERGY**

HOW TO STARTUP YOUR OWN SOLAR BUSINESS

Course Duration: 2 Days (ONLINE) | Date: 08 & 09 June 2024 | Time: 9:30 PM to 2:30 PM

Course Content: Prospects for Start-ups in Solar Energy Technologies, Components of Solar Systems, Business Opportunities for Newcomers in Solar Energy, On-Grid & Off-Grid Systems, Calculation & Design of Solar System, Minimum Investment & Maximum Return on Investment, Success Story in SOLAR BUSINESS and NEW POLICY IN SOLAR ROOFTOP COMMERCIAL.

Fees: Rs. 3,000/- (Study material in soft copy shall be provided)

Coordinator: 9971875996, 9910948732

Government of India certificate will be awarded

Enrolments in apprenticeship scheme surge



Number has grown threefold in last three years to 900K in FY24

MANU KAUSHIK
New Delhi, June 11

THE NATIONAL GOVERNMENT-RUN apprenticeship promotion scheme (NAPS) is seeing a makrupick. In the past 3 years, the total enrolments have grown threefold to touch 900,000 in FY24.

Officials in the ministry of skill development and entrepreneurship (MSDE) said that a slew of factors have resulted in the sharp jump. "Today, over 3.2 million people have participated in apprenticeship programmes. We have promoted apprenticeship training in more than 110 industry clusters, covering one-third of the districts in the country, and established 22 state apprenticeship monitoring cells. The direct benefit transfer (DBT) of stipends has significantly boosted the NAPS," Atul Kumar Tiwari, secretary at MSDE told FE.

Additionally, the ministry has actively engaged with multiple stakeholders to increase participation, including sending consistent reminders to companies as hiring apprentices is mandatory, he said.

Currently, the scheme mandates all establishments having work force (regular and contract employees) of 30 or more to hire apprentices in a range of 2.5-15% of their workforce every year. For instance, an establishment with total strength of 100 has to engage a minimum of 3 apprentices and a maximum of 15. As per the scheme, there are 7 slabs under which the apprentices are paid by their employers. It ranges from ₹5,000-9,000 per month based on their qualifications. The government reimburses 25% of the stipend up to a maximum of ₹1,500 per month per apprentice.

Even though the companies, particularly in the private sector, are engaging apprentices in large numbers but the stipends are paid to candidates with National Skills Qualifications Framework (NSQF)-aligned courses. "Just about 30% of the apprentices draw stipend support by those which opt for government support. In the next phase of NAPS, we expect this number to go up significantly," said Tiwari.

In the recent years, MSDE has brought in comprehensive changes to the Apprentices Act 1961 and Apprenticeship Rules (1992). For instance, in 2019, it had notified changes in Apprenticeship Rules (1992) to raise the monetary compensation of apprentices.

Not just the higher overall enrolments, there has been a notable increase in the participation of women apprentices. For instance, the percentage of women apprentices has grown from 18% in FY21 to 21% in FY24, highlighting a positive trend towards gender inclusivity under the scheme. Launched in 2016, the NAPS has about 260,000 establishments registered under it, and the government has disbursed claims of ₹30 crore so far.

(Please click on the link to view the details)

- ◆ [Assam Rifles inks MoU to enhance skill development](#)
- ◆ [Activity books readied for work-integrated education in schools](#)
- ◆ [Odisha Skill Development Authority's 'Swakalpa' Project Transformed 90+ Rural Retail Businesses In Odisha](#)
- ◆ [Swarnim University And CSRBOX Foundation Ink Strategic Partnership To Enhance Digital Skill Development](#)
- ◆ [Why tech workers must reskill, upskill in the age of AI](#)
- ◆ [New ITIs, international skill centres part of 100-day agenda of skill development ministry.](#)
- ◆ [From tech to talent: Decoding hiring & learning trends in the BFSI sector in the age of AI](#)
- ◆ [How digital learning enhances summer vacations with skill building](#)
- ◆ [JK Samadhan, Kisan Khidmat Ghar, Youth Skill App: CS reviews progress](#)
- ◆ [The role of workplace assessments in driving employee growth and development](#)
- ◆ [Amazon study reveals most European employees favour on-the-job skills training or apprenticeships over university degrees for a successful career start](#)
- ◆ [Jayant Chaudhary assumes leadership of MSDE, pledges revolution in skill development](#)
- ◆ [NTPC Mining Limited \(NML\) offers skill training to youths of mining areas](#)
- ◆ [NABARD launches 30-day skill development program for women](#)
- ◆ [DC B'pora chairs Distt Skill Committee meet, Emphasizes efficient & accountable implementation of skill development Progs](#)
- ◆ [Survey for Skill Hub project in Kalamassery to be held soon](#)
- ◆ [Skill Development & Entrepreneurship\(SDE\) organised training for ITI instructors in Itanagar, Arunachal Pradesh](#)
- ◆ [Navigating the GenAI Era: Enabling organisational transformation with skill-focussed strategies](#)
- ◆ [Tourism and Hospitality Industry in India: Opportunities for Skills, Training, Jobs and Entrepreneurship](#)
- ◆ [IoT Labs in Skill Education: Bridging the Gap Between Knowledge and Application](#)
- ◆ [AI is No Match for This Ancient Skill-Building Strategy.](#)
- ◆ [The Power of Skill Assessments and Automation in Training](#)
- ◆ [Second Steering Committee Meeting for PMKVY 4.0 was held under the chairmanship of Shri Atul Kumar Tiwari, Secretary, MSDE, to review the progress and discuss the policy interventions to further enhance the effectiveness of the scheme](#)
- ◆ [65% Of Hiring Managers Will Hire You For Your Skills Alone, Study Finds](#)
- ◆ [AI skills that are essential for career success and growth](#)
- ◆ [The skills needed to lead in the age of AI and analytics](#)
- ◆ [Skill ministry to train 150K women under PMKVY in first 100 days](#)
- ◆ [Survey finds strong interest among institutions to integrate tech skills in curriculum](#)
- ◆ [Women reshape industry norms by foraying into new-age, male-dominated trades](#)
- ◆ [North Bengal University's extended wing COFAM launches farm-fresh agricultural courses](#)
- ◆ [Indian Electronics and Electric Vehicle Manufactures hire apprentices to fill Skill gaps](#)
- ◆ [Want To Work In BFSI Sector? Check These Most-demanded Tech & Soft Skills.](#)

- ◆ [India, UK begin talks on recognising and mapping skill gaps](#)
- ◆ [CM attends skill development meet in Germany online](#)
- ◆ [Shortage of Skilled Plant Breeding Scientists Threatens Global Food Security, New Study Finds](#)

CSIR-NIIST



CSIR-CECRI



CSIR-IIGT



CSIR-CBRI



CSIR-IITR



CSIR-NPL



CSIR-CECRI



CSIR-NPL



CSIR-NBRI



<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 SKILL BULLETIN

SCAN QR CODE TO ACCESS

Newsletter (Volume-II; Issue-10th)







CSIR INTEGRATED SKILL INITIATIVE IS NOW ON WHATSAPP CHANNEL

SCAN QR CODE TO JOIN OUR

WhatsApp Channel







csir integrated skill initiative

(Bridging Indian Skill-gaps in Scientific Disciplines)

Like and subscribe our YouTube channel



(to get yourself updated on our Skill Development Programs) (SDPs)

Mail us at csirskill@gmail.com for detailed Brochure & Fortnightly e-Newsletter

CLUSTER COVERED

- Biological
- Chemical
- Engineering
- Physical
- Info-Tech

**SKILLING
UPSKILLING
RESKILLING**

(A COMPREHENSIVE YOUTUBE CHANNEL ACTING AS A SINGLE WINDOW TO DISPLAY SDPS FROM ALL 37 CSIR LABS.)

CORRIGENDUM

Program no. 3, page no. 01 (MAY, 2024 Volume-II; Issue 10) may be read as....

“CSIR-CEERI, Pilani successfully completed the SHILP program for 24 students from DA-IICT, Gujarat from May 13th – 24th, 2024. These students actively engaged in hands-on training sessions focused on semiconductor device fabrication.”

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
गाजियाबाद- 201002 (यूपी) भारत

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

हमें फॉलो करें



(CSIR Integrated Skill Initiative)

