CSIR SKILL BULLETIN

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SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-NEERI, Nagpur organized a Skill Training Program on "Energy, Environment & Resources: Monitoring, Control and Management Options" during February 15-16, 2024. 28 participants from rural and urban areas of different states had participated in this skill training program. Participants also visited emissions monitoring laboratory of small combustion devices Demonstration of drone-sensor-Al based environmental applications was also made.



(Please click on the link to view the details)

- CSIR-IICT, Hyderabad conducted a Skill Development Program on "Animal Cell Culture Techniques" for 20 students from GSBTM, Gujarat under CSIR-Integrated Skill Initiative from 8th January to 16th Feb 2024.
- CSIR-CRRI, New Delhi inaugurated a FIVE-DAY customized Training Program on "Design of Flexible and Rigid Pavements" for the officials of NRIDA from 26th Feb- 01st March 2024.
- <u>CSIR-CLRI, Chennai Inaugurated a MSME Entrepreneurship cum skill development program (E-SDP) on "GAIT Analysis" on 19th Feb. 2024.</u>
- CSIR-IHBT, Palampur organized fifteen-days training program for employees of Horticulture Department of Himachal Pradesh from 5th to 19th February 2024. The trainees studied foot tissue enrichment technology and its quality, virus testing and applications for production of quality planting materials in the biotechnology department.
- <u>CSIR-NEERI, Nagpur organized a CPCB sponsored residential training program on "Environmental Damage and Restoration</u> and Cost/Compensation with related legislation" during February 22–23, 2024.
- CSIR-CLRI, Chennai organized a Management Development Training Program funded by MSME in association with CLE during Feb 20 - 24, 2024 at CLE Auditorium (KLC Complex). Program was attended by 47 participants from the leather and allied sector.
- CSIR-CFTRI, Mysore organized a training program on "Rice Milling and Value Addition to Rice" for Guyanese Delegates, under ITEC network sponsored by MEA India during 27th Feb to 18th Mar 2024.
- CSIR-IMTECH, CHANDIGARH organized a FIVE-DAY workshop on "Understanding the Methodologies and Biosafety-Practices in Animal Research"(UMBAR) from 26 Feb to 1st MARCH 2024. This workshop was attended by 63 participants.
- CSIR-CMERI, COEFM Ludhiana organized Advanced Entrepreneurship Skill Development Program on "Precision Agriculture" from 26th Feb-1st March, 2024 sponsored by MSME, Gol to encourage Graduates in <u>Agriculture & allied fields, Engineers & MBAs to start entrepreneurship.</u>
- CSIR-CLRI, Chennai organized a 6-week E-SDP training program on "Testing and Calibration for Leather Sector" (2nd Batch) on February 26, 2024.

CSIR-IHBT, Palampur organised a 10 days capacity building program entitled "Hands-on training in the area of Biotechnology" from 31st Jan 2024-09th Feb 2024, under the CSIR-Integrated Skill Initiative, this program conducted for 13 UG students from GGDSD College Rajpur, Kangra, HP



"Six-week CSIR-CLRI. Chennai conducted Entrepreneurship cum Skill Development Program (E-SDP)" from 8th January 2024 to 16th February 2024 on "Leather and Non-Leather Goods Manufacture."



CSIR-CECRI, Karaikudi organized a one-week program on "Photolithography based Microfabrication of sensors" during February 19-23, 2024. 43 participants attended in covering different region of India. This program aims to provide the latest knowledge & skills of the Photolithography.



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CSIR-NPL, New Delhi conducted an online skill training on "Awareness about Basic Metrology" on 06-07 Feb 2024 attended by 79 participants . The sessions covered basics of measurement systems both at national and international level. In addition, it summarizes an overview of SI units, metrological terms along with the requirement on equipment.



CSIR-CGCRI, Kolkata organized a "Two-day" skill development program on "Drinking water & water quality parameters: Theory & Practical" at the Institute during 30-31 January 2024.





CSIR-CIMAP, Lucknow organized a five days "Entrepreneurship **Development Hands on Training** Program" from 12th-16th February, 2024 under CSIR-Skill Integrated Initiative Participants program. from different states took part in this who program, were entrepreneurs, starts up and faculty members.

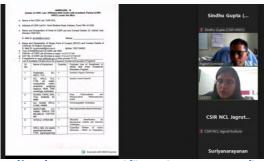


- <u>CSIR-CRRI, New Delhi organized a Training on "Road Safety Audit and road safety related ASPECTS" on 27th-</u> 29th Feb 2024.
- CSIR-NEERI, Nagpur organized a Skill Training Program on "An Understanding of Mitigating Greenhouse Gas Emissions" during February 27-28, 2024 at Mumbai Zonal Centre (MZC).

NODAL OFFICE UPDATES

नोडल कार्यालय अपडेट

◆ As MoU has been signed with some of the SSCs that has opened new opportunity for CSIR Labs, the Skill Nodal office at HRDC has started linking the SSC & individual labs through virtual sessions. The following sessions were organized during the report period. Detailed discussions took place regarding course affiliation & accreditation for CSIR Skill Programs.



Life Sciences Sector Skill Development Council (LSSSDC) & CSIR-National Chemical Laboratory (NCL), Pune on 19th February 2024.



Life Sciences Sector Skill Development Council (LSSSDC) & CSIR-National Institute of Oceanography (NIO), Goa on 20th February 2024.



Hydrocarbon Sector Skill Council (HSSC) & CSIR-Indian Institute of Petroleum (IIP), Dehradun on 21st February 2024.



Capital Goods & Strategic Skill Council (CGSSC) & CSIR-Central Mechanical Engineering Research Institute (CMERI), Durgapur on 22nd February 2024.



Mr. Sanjay Bhardwaj from Capital Goods & Strategic Skill Council (CGSSC) visited CSIR-HRDC on 29th Feb. 2024 to discuss opportunities & new areas in the skill arena for CSIR Labs. Possibilities for individual Labi-visit jointly by CSIR-HRDC & CGSSC was also discussed.

During the meeting various issues being faced by some of the Labs regarding ToT, Affiliation/Accreditation were also addressed by Mr.

Sanjay Bhardwaj through a virtual session.



GENERAL EVENTS

सामान्य आयोजन



(Please click on the link to view the details)

- ♦ PM Modi inaugurates country's first
 ♦ UPS

 Indian Institute of Skills in Kanpur
 Deve
- ◆ <u>Dharmendra</u> <u>Pradhan</u> <u>Launches</u> <u>India's First Skill India Centre in Odisha</u> <u>to Empower Youth Capacities</u>
- ♦ SCCL sets up skill development training center for unemployed youth in Mandamarri
- Prime Minister Modi Unveils
 Educational and Skill Development
 Milestones Across India
- ★ Team Lease Edtech, NSDC enter partnership to foster employability through skill development.
- World Bank approved the \$100 million Sikkim INSPIRES project to upskill 300,500 women and youth for high-growth sectors.
- ★ U.P. to enhance youth's skill development through ITIs, polytechnics.
- Jobs for local youth boost Melghat's save tiger mission.
- ♦ NLC India and NPTI Join Forces for Skill Development in Tamil Nadu
- ◆ NSDC And Autodesk Partner with Upskilling Startup Novatr to Foster Skill Development and Employment in Architecture, Engineering, And Construction (AEC) Industry

- ◆ UPS And National Skill
 Development Corporation Partner
 To Improve Technology, Logistics,
 And Supply Chain Management
 Skills Among India's Youth
- ◆ Government ties up with industry for youth skill development
- → Flipkart Partners With National Skills Development Corporation (NSDC) For Skill Development And Employment Opportunities: Empowering India's Youth
- Empowerment through skills:
 Shaping the future workforce
- ◆ NSDC Announces Vacancies for Vocational Trainers in the UT of Jammu and Kashmir
- ◆ India Seeks to Become 'Skill Capital' of the World as Skill India Initiative Goes Global
- ◆ Skill development: Key to India's shifting job market
- <u>↑ Telangana announces ₹2,000-</u>
 <u>crore plan for skill development</u>
- ◆ The 5 Most Comprehensive Online Courses for Skill Development
- ◆ CSR initiative Equip Rural Youth with Job-Ready Skills
- ◆ <u>Udemy Announces Generative Al</u> <u>Roadmap For Accelerated,</u> <u>Personalized Skills Development</u>

- ◆ <u>Director</u> <u>Sericulture</u> <u>inaugurates</u> <u>Skill Development Training Prog at</u> <u>GDC Kangan</u>
- Demand for cloud skills on the rise as leaders look to fight off rising competition
- ◆ "Skillerate Connect" kick started at Turaby by the Meghalaya State Skill Development Society (MSSDS)
- Ambuja Foundation partners with Skill Development Network to Equip Rural Youth with Job-Ready Skills
- ◆ <u>Skill development training centre</u> <u>hall inaugurated in Doomdooma,</u> <u>Assam</u>
- Skill development training made mandatory for cracker unit staff in TN's Virudhunagar
- Dir Sericulture presides over Skill Development Training Programme under HADP at Anantnag
- <u>★Karnataka to equip youngsters</u>
 <u>with employment skills: CM</u>
- Advanced entrepreneurship and skill development programme kicks off at NIT
- Many students across the USA are taking control of their learning by opting for Career and Technical Education with Skills USA breaking free of traditional formats to become architects of their futures.
- IIT Kanpur and NMTronics India to establish 'NMTronics Center of Excellence for Electronics Manufacturing and Skills Development'
- ▼ Union Minister Annpurna Devi Flags Off Kaushal Rath To Empower Youth With Industry Relevant Skills in remote areas at Jhumri Telaiyain Jharkhand's Koderma
- → LinkedIn: Skill Development Tops Agenda For 94% Of Indian Companies In 2024
- → Skill Development Academy to train first batch of students in new fiscal



UPCOMING EVENTS

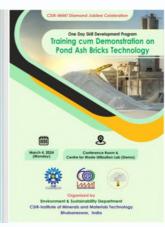
आगामी आयोजन













NEWS CLIPPINGS

न्यूज़ क्लिपिंग

{ INTERVIEW } RAJEEV CHANDRASEKHAR, MoS FOR SKILL DEVELOPMENT Leather Institute to develop healthcare footwear, models to be ready in a year, says official

N. Kalaiselvi, Director-General, Council for Scientific and Industrial Research (CSIR) on Tuesday said that the Central Leather Research Institute (CLRI) here will develop health-care footwear.

Interacting with presspersons, she said CLRI had already begun working

y begun working doctors and other care professionals same and the mo-e likely to be ready

children, the problem can be corrected. Trials are to be done for these. We are looking at footwear that will be motorised," ex-plained CLRI Director K. J.

plained CLRI Director K. J. Sreeram.

Dr. Kalaisevis also went on to explain that in 18 months' time, CLRI would get the Indian Footwear Sizing system ready. "We have collected over one lakh samples and are processing the data. We have submitted the sizes to the Bureau of Indian Standards (BIS). Now, we will manufacture shoes and footwear along with shoe manufacturers and then conduct user trials for six months' the explained.

The Director-General said the CLRI, which hand-holds the footwear industry from end to end, would also look at making sports shoes that are suited to Indian feet.

She said that she would consist to the Ministry.

She said that she would soon write to the Ministry of Road Transport and Highways to adopt the technology that CSIR had perfected to use slag, a waste product from steel industry in laying roads. "The lifetime of such steel slag roads is three times more and is economically viable. We have region-specific data about where slag is available. We have perfected paver rejuvenation technology," she said.

'India saw transition from jobless to job-led growth'

NEW DELHI: India has seen a transition from jobless to job-led growth under the central govern-ment, minister of state for skill ment, minister of state for skill development and entreprencuship Rajeev Chandrasekhar said in an interview to Farceha Iftikhar. Around 45 million youth have been trained under various government schemes between 2014 to the time before the pandemic, he said. The focus will now be on skilling people in future requirements, including artificial intelligence, semiconductors, cybersecurity and high-performance computing, the minister said. Edited excerpts:

What are the biggest achievements of the govern-ment in skill development? We started with the huge dis-



advantage of having a predomi-nantly unskilled workforce. In 2014, the total workforce in India was about 42 crore and of them, 30 crore had no formal skills or education. Besides, access to skill was limited... They were educated but unskilled, requiring substantial, expensive transi-tions to make them industry ready. It was one of the reasons ready. It was one of the reasons why China was attracting huge

Prime Minister Narendra Modi brought a focus on skilling and launched The Skill India Mis-sion... Combining schemes of all of the central ministries, between 2014 and pre-Covid times, around 4.5 crore youngsters were skilled. were skilled.

Besides, the National Educa-Besides, the National Educa-tion Policy 2020, for the first time, made skilling and vocational training a part of the school cur-riculum. Therefore, the Modi-led government addressed the yawn-ing deficit in skills and education within our workforce because an unskilled uneducated workforce cannot make a country competi-tive vis-a-vis China or Vietnam, which is what most investors were looking at as alternatives. were looking at as alternatives. We have wit from jobless to job-led growth

under the government in the past 10 years.

While the Centre says jo creation has increased, the opposition says otherwise. What has been done in the last

What has been done in the last lo years to enhance the workforce and skills in the workforce was not done in the 65 years since Independence. When people talk about employment, you're talking about employment in the context of the fact that you left behind 10 years ago, an extremely unaligned workforce, the workforce that was not consistent with what the economy expected, wanted and required.

Is our society ready for mainstreaming skill education?

We have been conditioned for 65 years that a degree was every-thing, and it is not unique to India. But what our PM has been saying since 2015, and that is true in the present context, is that no employer employs based on your degree... Therefore, it is important to make skilling a part of educa-tion as it gives you experience.

The government has a lot of emphasis on startups. What do we expect next in that direction?

The Prime Minister was of the view that we should diversify the economy and economic activities significantly. So he launched the Startup India campaign... From 100 startups in 2014, we now have 1.18 lakh (118,000)... (118,000)

पांच दिवसीय प्रबंधन विकास कार्यक्रम का उद्घाटन सीएलआरआई ने लेंद्रर उद्यमियों के लिए प्रारंभ किया पोषित प्रबंध विकास





चमड़ा उद्योग में डिजाइन की संभावनाएं



Govt ties up with industry for youth skill development

TIMES NEWS NETWORK

New Delhi: Education and skill development minister Dhar-mendra Pradhan On Thurs-day launched an initiative for empowering India's Yuva Shak-ti', to give a freel importus to ti' — to give a fresh impetus to
skill development
of youth. To-



of youth. To-wards this end. govt firmed up number of in-dustry partners-hips with compa-

nies like Google, Microsoft, Flipkart, Teamlease, Upgrad, Reliance Foundation and Infosys

Emphasising on a compre-hensive and results-oriented strategy to enhance accessibi-lity, innovation, and flexibility in skilling ecosystem, these collaborations are expected to mark a transformative period in connections between educa-tion, and industry-academia. in connections between educa-tion and industry-academia. Pradhan said: "Partnerships forged today will lead Skill In-dia Mission forward and build a capable, productive and effi-cient workforce ready to em-brace global opportunities." He added: "India will beco-me unstoppable by embracing mantra of skilling, reskilling, and upskilling. We have laun-ched many digital initiatives in skilling coosystem which

in skilling ecosystem which are ensuring skills anywhere, anytime and skills for all. As India marches towards to be a India marches towards to be a developed nation, by levera-ging technology, scale and sus-tainability. Indian workforce will meet not only domestic de-mand but also global demand, setting new benchmarks."



GLIMPSES

झलिकयां





































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





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(CSIR Integrated Skill Initiative)

Detailed Brochure

