

### CSIR SKILL BULLETIN

(A FORTNIGHTLY E-PUBLICATION)

# सीएसआईआर कौशल पत्रक

(पाक्षिक ई-प्रकाशन)

October 2024 (Volume-II; Issue 19) अक्टूबर, 2024 (खण्ड-II; अंक 19)





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# SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-CGCRI, Kolkata, Membrane & Separation Technology Division (MSTD), organized a program on "Ceramic Membrane, Drinking Water, Wastewater and Water Analysis" from 30th September-01st October 2024. 22 participants from different academic background in Science & Engineering subjects participated. Different aspects of drinking water and wastewater was highlighted to add to their knowledge. They attended the program with curiosity and found it informative as well as of practical importance and appreciated this training module.









CSIR-NIIST, Thiruvananthapuram organized a Two-month long training program on "Synthetic Organic Chemistry - Hands-on-Training on Fundamentals and Specialized Reactions" from 24th July-26th September. 08 number of participants got benefitted from this training program.









CSIR-CBRI, Roorkee organized a Hands-on training program on "IoT and Data processing" from 09th-11th October 2024. 25 students from all across the country participated in the program.



CSIR-IIP, Dehradun organized a One-week training Program for BSc-II year students of SGRR University Dehradun from 30th September-04th October 2024. The training imparted in the petroleum testing area. 44 participants joined the training and got benefitted from this program.



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

- <u>CSIR-NEERI, Nagpur organized a Training Program on "Development of Capacity on Climate Change in Water Sector" from 03rd-04th October 2024. Participants from rural and urban areas of Maharashtra, Uttarakhand, Tamil Nadu, Telangana and Andhra Pradesh from different organizations had participated in the skill training program.</u>
- <u>CSIR-CEERI, Pilani organized a One-day scientific workshop on "State-of-the-Art Technology and its Industrial Applications" on 04th October 2024. As part of a One-day immersive Scientific Workshop, 50 students and 7 Faculty members from the JECRC Foundation, Jaipur, attended the workshop.</u>
- <u>CSIR-IITR, Lucknow organized a workshop on "Histopathological Techniques and Procedures for Preclinical Studies"</u>
   <u>from 25th-27th, September 2024. 21 Participants from various Institutes of the country participated in the workshop.</u>
   <u>Three-day workshop included lectures and practical sessions. An interactive session between the Faculty and participants was the highlight of the final day of the workshop. The workshop successfully ended with feedback from the participants and Valedictory session.
  </u>
- <u>CSIR-IITR, Lucknow organized a workshop on "The Principles and Application of Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) Emerging Contaminants Analysis" from 07th-09th October 2024. 14 Participants from various Institutes of the country participated in the workshop. The workshop successfully ended with feedback from the participants and Valedictory session.</u>

### NODAL OFFICE UPDATES

नोडल कार्यालय अपडेट

The Skill Nodal Office at CSIR-HRDC organized a virtual meeting with Management & Entrepreneurship and Professional Skills Council (MEPSC) on 15th October 2024 to have an initial interaction and explore possibilities for joint program by signing a collaborative MoU. The meeting went well and MEPSC has invited CSIR-HRDC Skill Team to visit them to proceed further in this matter. MEPSC is leading Skill Development Initiatives in following key segments namely: -

- Training & Assessment
- Office Management
- Professional Skills (including Security)
- Non-Teaching job roles in the Education Sector
- Entrepreneurship



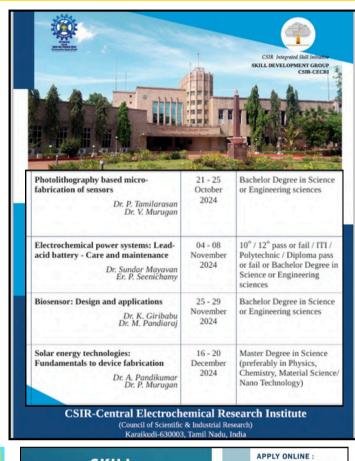
#### **UPCOMING EVENTS**

## आगामी आयोजन





ground cutty urse Fee : For Academia: Rs.3000/-r industry: Rs.5000/-surse Coordinators: Dr Alok K Pandey,





# SKILL **DEVELOPMENT PROGRAMME**

"Determination of Active Principals of Spices: A Theoretical Approach

and Practical **Demonstration**"





Course fee: Rs. 5000/-

http//sdp.niist.res.in

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

#### Objectives:

The objective of the current course is to familiarize the attendees with the active principles of spices their importance, extraction, separation, and purification techniques, and qualitative and quantitative evaluation of the spices' bloactives using sophisticated analytical instrumentation methods (UV-visible spectrophotometer and Chromatographic techniques) wherever possible.

The Course is designed in such a way that first, the participants will get the introductory information through theory classes about Spices active principals, and further they would be exposed to the practical demonstration.

No. of Seats: 5-10

Course coordinator: Dr. Tripti Mishra

04-08 November 2024 (5 days)

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





# **NEWS CLIPPINGS** न्युज़ क्लिपिंग





more - 500 cos across verticals list as 'partners' on MCA's portal

ranging from sales, marketing, entrepreneurship to farm

The scheme offers a monthly sti-pend of ₹5,000 for a year to 10 mil-tion interns in 500 companies over five years. A senior executive at a large hi-ring firm said the stipend needs to

A senior case and the stipend needs to be increased.

"The stipend amount is minimal and should be definitely increased to help youth who are not employed and should be definitely increased to help youth who are not employed and incentivise applicants. Considering that large companies have onbourded as partners in the may themselve the companies have onbourded as partners in the may themselve the companies have onbourded as partners in the may themselve the companies are in the process of finalising on condition of anonymity.

A PepsiCo spokesperson saidt is A PepsiCo spokesperson saidt is their hiring plans und the scheme announce the sc

The scheme offersa monthly

stipend of ₹5,000 for a year to 10 million interns in 500 companies over five years

which companies will be able to se-lect and hire them.

The Mahindra Group will hire
2,00 interns across multiple busi-nesses, a company spokesperson said. Of these, the auto and farm



Some compa-nies caid to nies said they

their hiring plans under the scheme announced by the FM in the budget

# स्किल इंपैक्ट में 29 हजार को प्रशिक्षण

नई दिल्ली, विसं। नेशनल स्किल डेवलपमेंट कॉरपोरेशन (एनएसडीसी) ने स्किल इम्पैक्ट बॉण्ड के तहत 24 राज्यों और केंद्रशासित प्रदेशों के 29 हजार से अधिक युवकों प्रशिक्षित किया। यह प्रशिक्षण 18 क्षेत्रों में कम आय वाले परिवारों में नौकरी चाहने वाले युवाओं के लिए किया गया।

इनमें से 73 फीसदी युवक कार्यरत हैं। इस पहल का उद्देश्य कौशल और रोजगार के बीच की खाई को पाटकर 50 हजार युवा भारतीयों को कौशल युक्त प्रशिक्षण से तैयार करना है। इनमें महिलाओं की भागीदारी 60 प्रतिशत है। स्किल इम्पैक्ट बॉण्ड की एक प्रमुख विशेषता यह है कि इसमें महिलाओं को भी बराबर अवसर दिए जाते हैं।

# 100 days completed, but the work has just begun

ith great responsibility comes an obligation to deliver what is best for our youth and to ensure their futures are bright, productive, and successful. In just 100 days, our government is well on its way to fulfilling its responsibility of making India a global skilling hub and setting an example of excellence at scale through our comprehensive skilling roadmap. I am fortunate to have the additional responsibility of being a Minister of State for Education, and the synergies between education and skilling for livelihoods are significant. There have been many highlights over the last 100 days, but from our nation's perspective, the work of being a skilling superpower has just begun.

In many ways, the Union Budget announcement, which gave tremendous support and responsibility to our Ministry, with the Prime Minister's clarion call for how skilling and India are integrated and synonymous with India's growth story during his 15th August address, have been encouraging and humbling. I am tasked not just with ensuring our children receive the best education and life skills that our government can offer, but also ensure that they are prepared for successful careers through a comprehensive skilling platform that we are putting in place.

Education and skill development have always been the twin pillars of any nation's progress. Together, they bridge the gap between the dreams of youth and the reality of a prosperous, self-reliant India. Since assuming charge, the learning curve has been steep. However, one thing became clear early on: government reports, numbers, and policies alone cannot capture the full picture. We need to understand lived experiences and learn from them to understand the impact and opportunity within the National Education Policy 2020 and other Central Schemes. To do



Jayant Chaudhary

Minister of State for Skill Development and Entrepreneurship and Minister of State for Education, Government of India. Views are personal

The future of youth lies in the meeting of education and skill development, where schools nurture creativity and values, and skill programmes prepare young professionals to lead in emerging industries

so, it was essential to step beyond the confines of the written word and spend extensive time with the key stakeholders and beneficiaries. I have enjoyed and learned from my engagement with students, teachers, and industry leaders alike.

A glimpse of this impact was witnessed in schools like the PM Shri Kendriya Vidyalaya, Gomtinagar, Lucknow, where students were excelling not only academically but also in extracurricular activities. For example, Ashish Pandey, an extraordinary artist who aspires to be a 3D artist. His portrait of my grandfather, former Prime Minister Shri Chaudhary Charan Singhji, felt lifelike as if he were present in the room. Similarly, my visit to JNV Palghar was highly personalised, as I was accompanied by the MP, who is an alumnus of the institution. One student, Akshita, brilliantly balanced tradition and modernity in her paintings, embodying what India's education system aims to foster – an appreciation for heritage while embracing the future. This narrative of success extends beyond classrooms to the realm of skill development, where young Indians are shaping industries. At the National Skill Training Institute in Noida, two young women who had completed training in Artificial Intelligence (AI) developed a chatbot. Their achievement demonstrated the immense potential of India's youth, and their dedication to mentoring others was a testament to the transformative power of skill development.

Education goes beyond academics; it is about preparing youth to engage with the world, to think critically, and to solve problems creatively. Likewise, skill development is more than technical training – it is about empowerment and ensuring that young people have the tools they need to adapt and thrive in a rapidly changing global landscape. This is the time to identify and support high-impact sectors such

as sports among others, from school to skilling to livelihoods, and having these benefit the personal development of individuals.

In skill development, significant strides have been made. One of the highlights was India's participation in the WorldSkills competition in Lyon, France, where I watched proudly as 60 of our most skilled participants competed across 50 disciplines. Their remarkable performance showcased India's potential to become the skill capital of the world. The vision is to see India rise to the top of the WorldSkills leaderboard and perhaps be engaged beyond just as a participant. Another key milestone was revamping the Model Skill Loan Scheme. In alignment with the goals of the 2024-25 Budget, the loan limit for skilling was increased to ₹7.5 lakh, up from ₹1.5 lakh, with a broader lending network that now includes small finance banks and additional courses.

An industry-driven approach has been central to all these efforts. New partnerships are set to enhance our outreach and, partnering with countries such as our recent collaboration with Malaysia aims to strengthen workforce development and expertise exchange. The future of India's youth lies in the meeting of education and skill development, where schools nurture creativity and values, and skill programmes prepare young professionals to lead in emerging industries such as AI, robotics, and renewable energy. The work ahead is critical but we have reason to be optimistic.

Reflecting on such stories of resilience, talent, and determination evokes a deep sense of responsibility. These encounters have left a profound impact, renewing the commitment to serve with even greater dedication. Let us continue our work to build a nation where every dream has the chance to flourish, and every talent is given the opportunity to shine.



### **GENERAL EVENTS**

सामान्य आयोजन



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

- Union Minister Jayant Chaudhary
  launches 30 Entrepreneurship
  Development Centres at Skill
  Conclave 2024
- Govt to launch PM Internship scheme on October 3
- 111 private sector companies join govt's PM Internship Scheme; Pilot launched in 4 states
- Knauf Launches Exclusive Training Academy in Gorakhpur, Partnering with Pratham and National Skill Development Corporation
- Skill Development & Entrepreneurship Department organizes training for entrepreneurs of Arunachal Pradesh at Delhi
- Union Minister underlines need for Northeast roadmap for skill development
- Tripura University inaugurated Shanti Kali Skill Development Centre
- Assam Rifles organizes introductory skill development session in Manipur
- Making investments in Online Safety, Skill Development and Green Energy to ensure longterm growth with Al

- PM Modi inaugurates Indian
  Institute of Skills (IIS)
  Mumbai
- NDA Government Strives to Empower Andhra Youth Through Skill Development
- BMC And NSDC Collaborate
  To Establish Skill Centre In
  Kandivali, Aiming To Train 1
  Lakh Youth In One Year
- IlS Mumbai To Train 5,000
  Students Annually In
  Industry 4.0 Skills
- Adani Foundation at ACC

  Kymore empowers young

  women through skill

  development
- Skill Impact Bond enables over 29,000 youths with skills training & jobs
- International Day Of The Girl
  Child: The Power of Skills
  Training for Adolescent Girls
- Diageo India partners with the Skill Council for Persons with Disabilities (SCPwD) to train and place over 300 students under its 'Learning for Life' Program
- Three-day workshop on life skill development concludes

- Empowering India's
  Workforce Through Skilling
  and Development Programs
- MSDE Partners With Meta For
  Al Assistant In Skill India
  Mission And 5 Centers Of
  Excellence In NSTIs
- Maharashtra Govt To
  Rename Skills Development
  University After Ratan Tata
- Aligning EV courses with NSQF levels a path to high quality practical training
- ## HUD aims to tackle AI skills

  gap with new assessment

  approach
- Indian Army establishes
  modern computer lab, skill
  development centre in
  Senapati, Manipur
- 161 Qualifications approved in the 39th meeting of the National Skills Qualifications Committee (NSQC) held on 25th July 2024(Phase-I) & 27th August 2024 (Phase-II)
- Jayant Chaudhary
  Inaugurates National Skill
  Training Institute Extension
  Centre at AMTZ Campus,
  Visakhapatnam
- <u>CM Pema Khandu advocates Australian Partnership for Skill Development in Arunachal Pradesh</u>
- <u>MEP 2020 the game changer for Indo-German collaboration</u>
- Registrations for the PM Internship Scheme have begun, offering 80,000+ opportunities in India's top 500 companies
- undia Development Foundation launches method to distinguish games of skill from chance



# GLIMPSES झलकियां















# **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.ngr.gov.in







#### **CSIR-Human Resource Development Centre** (Skill Nodal Office)

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

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(CSIR Integrated Skill Initiative)

