

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

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- Dr Durgavati Yadav
- Mr Pradeep Kr Sharma
- Ms Sindhu Gupta

In this issue

- Skill Trainings by CSIR
- Upcoming Events
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- General Events
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IMAGES: Various Skill Development Training Programs at different CSIR Labs.

SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-IIIM, Jammu organized a 3-days Hands-on Training Program on “Synthesis of Key Intermediates & Active Pharmaceutical Ingredients (APIs) from 3rd-5th February 2025. 25 participants gained pharma skills & were awarded certificates by Director Dr Zabeer Ahmed, recognizing their excellence in mastering Pharmaceutical Synthesis Techniques.



CSIR-NIO, Goa organized 3-days Training Program on “Mass Spectrometry for Proteomics” from 29th-31st January 2025. Total 28 participants participated from Goa, Vellore and Lucknow colleges. Mass spectrometry is an analytical technique that is used to measure the mass-to-charge ratio of ions. The results are presented as a mass spectrum, a plot of intensity as a function of the mass-to-charge ratio. Mass spectrometry is used in many fields and applied to pure samples and complex mixtures. Dr SK Singh, Director, CSIR-NIO graced the Valedictory function and presented Certificates to all the trainees. The Skill Program was coordinated by Dr Rakhee Khandeparkar (Skill Nodal & Principal Scientist, Biological Oceanography Division) and Dr Supriya Tilvi (Principal Scientist, Chemical Oceanography Division).



CSIR-NGRI, Hyderabad organized a training program on "Groundwater Quality Monitoring and Assessment (GWQMA)" from 3rd-13th February 2025. 16 participants from various Universities and Institutes across India, including Assam University, Aligarh Muslim University, Hydrominviron Consultancy, Farook College, and Andhra University, took part in the program. The program was inaugurated by Dr Prakash Kumar, Director CSIR-NGRI. The program provided comprehensive groundwater monitoring and assessment training, covering site selection, field sampling techniques, and laboratory procedures for sample preparation and analysis. Participants benefited from theoretical lectures and practical demonstrations of advanced analytical instrumentation, including titration, spectrophotometry, fluorimetry, ICP-OES, and HR-ICP-MS.



CSIR-NGRI, Hyderabad organized a training course on "Python in Geosciences" from 02nd-10th January 2025. The training program was inaugurated by Dr Prakash Kumar, Director, CSIR-NGRI. The main motivation of conducting the course was to teach how mathematical and physical concepts of earthsciences can be coded using python and their application on the real dataset. This course was one of its kind in geophysics where participants could understand the concepts deeply and learnt to solve the real world problems through coding in python. Total 30 participants from different research and academic Institutes across India took part in the course.



CSIR-IICT, Department of Oils Lipid Science and Technology, Hyderabad organized a Training Program titled "Analytical Techniques in Food and Nutritional Chemistry" from 3rd-10th February 2025. 29 U.G Students in Food Science from VeeraNaari Chakali Ilamma Women's University (Telangana Mahila University) attended the weeklong training. Course completion Certificates were distributed to all the Trainees by Dr. A. Gangagni Rao – Director in-charge, Dr Pradosh P. Chakrabarti – Chair, Dept. of Oils, Lipid Science & Technology, Dr. M.S.L. Karuna – Course Coordinator, Mr Anil Kumar Pulipaka – Nodal Officer, Skill Development, Dr Debasish Swain Coordinator – Skill Development along with other colleagues and team members of OLST Dept. present during the event.



CSIR-IIP, Dehradun organized a training program on 'Analysis using Chromatography and Mass-spectrometry' from 3rd -14th Feb, 2025. 15 participants participated in this training program



CSIR-IITR, Lucknow organized a workshop on “Oxidative and Cellular Stress Assays” from 23rd-25th January 2025. The workshop hosted 17 participants from different Universities. The inaugural session of the workshop began with welcome by Dr. Pradeep K. Sharma (Convenor) and remarks by Dr. Bhaskar Narayan (Director, CSIR-IITR). The Course coordinators for the workshop were Dr. Sachi S. Smita and Ms. Mirat ul Fatima. The workshop motto “For the students, by the student” empowered students to take charge of their learning experience. Day 1 of the workshop began with theoretical explanation which continued to practical demonstration for the students and hands-on training for them. Participants gained experience for all the three days. The three-day program ended with a valedictory session and feedback from the students.



CSIR-AMPRI, Bhopal organized a Workshop on “Advanced Materials Processing and Characterization & Students-Scientists Interaction” in association with INYAS – Indian National Young Academy of Sciences on 11th February 2025. About 200 students and faculties from various institutes in Nagpur, Rewa and Bhopal joined the event. The workshop focused on imparting skills among Postgraduate and Graduate students through lectures on advanced topics like Piezoelectric Flexible Nanogenerators.



CSIR-IIIM, Jammu organized The Hands-on Training Program on “Advanced Techniques in Industrial Microbiology” from 10th-14th February 2025. Around 20 participants from different parts of the country participated in the Training Program. The sessions comprised expert lectures and practical demonstrations on advanced techniques in industrial microbiology. On the first day, Dr. Syed Reyaz Ul Hassan, Senior Principal Scientist gave Introductory Lecture on PCR & Real-Time PCR: Applications in Microbiology, followed by practical sessions in Microbial Biotechnology Lab.



CSIR-IIIM, Jammu organized the 5-day Hands on Training on “Upstream and Downstream Processing of Industrially Important Products” from 10th-14th February 2025. The event concluded with a valedictory function, where Director Zabeer Ahmed awarded certificates to the 17 participants.



UPCOMING EVENTS

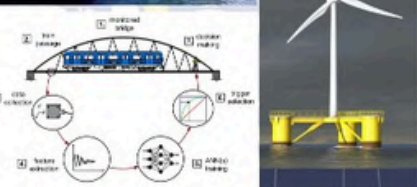
आगामी आयोजन

CSIR-SERC Skill Development Program 2024-2025



AI Assisted Techniques for Health Monitoring & Assessment of Special Structures (AI-SHM '25)

27 & 28 February 2025



Organised by :
CSIR-Structural Engineering Research Centre
(An ISO 9001-2015 Certified Organization)
CSIR Campus, CSIR Road, Taramani
Chennai -600 113, India

About CSIR-SERC

CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai is one of the national laboratories under the Council of Scientific & Industrial Research (CSIR), India. CSIR-SERC has built-up excellent facilities and expertise for analysis, design and testing of structures and structural components. Services of CSIR-SERC are being extensively sought by the Central and State Governments and public and private sector undertakings. Scientists of CSIR-SERC serve on many national and international committees and the Centre is recognized at the national and international levels as a leading research institution in the field of structural engineering. Special & Multifunctional Structures and Structural Health Monitoring Laboratories of CSIR-SERC are working in the areas of AI/ML focusing on the structural health monitoring and assessment of different types of critical structures

About the Course

This course is designed to provide a comprehensive introduction to the fundamental concepts of artificial intelligence (AI) and machine learning (ML), with a primary focus on their applications in health monitoring and assessment of special structures. Participants will gain an in-depth understanding of how AI and ML techniques can be leveraged to enhance the reliability, safety, and efficiency of infrastructure systems. The course offers a unique opportunity for engineering professionals to explore the latest advancements in the integration of AI with structural health monitoring, particularly in the context of complex and specialized structures. Emphasis will be placed on experimental and computational approaches to assess the health and performance of these structures. Topics covered during the course will include:

- ◆ Introduction to health monitoring & special structures
- ◆ Sensors & data acquisition for health monitoring
- ◆ Fundamentals of AI and Machine Learning for SHM
- ◆ AI-Driven Analysis and Diagnostics Techniques
- ◆ Predictive Analysis and Decision Support Systems
- ◆ Case Studies & Real-World Applications
- ◆ Advanced AI Techniques for SHM
- ◆ AI Tools/Software for SHM

Scan the QR Code for Course Promo Video



Participation

- The course is open to practicing engineers, researchers, academicians, consultants, research scholars, stake holders and decision makers in public and private sector organizations.
- The course will include visit to Special & Multifunctional Structures Laboratory and other prominent laboratories at CSIR-SERC.
- The participation certificate will be provided to all the registered participants.

Venue & Duration

Training and Development Complex, CSIR-SERC, Chennai
27 & 28 February 2025; Time: 09.30 a.m. to 5.00 p.m.

Registration & Fee

The registration fee for the course is Rs. 2,000/- (inclusive of GST) per participant for Indian delegates and US \$300/- for foreign delegates. Presentation material (pdf format) shall be provided to all the registered participants. The brochure and details of the registration can be downloaded from the CSIR-SERC web site <https://serc.res.in/course>

Boarding & Lodging

The participants or their sponsoring organizations must bear travel, boarding and lodging expenses. Limited accommodation in the Guest House/Trainee Hostel at CSIR-SERC campus may be arranged on first come-first-served basis.

Prerequisites

The course registrants can ensure adequate knowledge on the background to course contents through academic qualifications/working experience to fully exploit the benefits of attending advanced courses.

For further details, please contact:

Dr. Srinivasa B. Ramisetty /
Dr. A. Thirumalaiselvi
Coordinators, AI-SHM '25
CSIR-Structural Engineering
Research Centre [CSIR-SERC]
CSIR Campus, CSIR Road
Taramani, Chennai - 600 113, India
Tel.: +91 44 22549113/5725
E-mail: ramisetty@serc.res.in /
selvi@serc.res.in
Mobile Nos.: 8185920120 /
7708910636
Website: <https://www.serc.res.in>



ADVANCED ESDP

Entrepreneurship and Skill Development Programme



UP-GRADATION OF SKILL & TECHNIQUE TOWARDS MANUFACTURING FOR AGRICULTURAL IMPLEMENT CLUSTER

17 - 21 FEBRUARY 2025

who can Apply

- Existing startups / Budding entrepreneurs
- MSME representatives / Govt. officials
- Agricultural Engineers/MBA Graduate / Post-Graduate Students

Application Guidelines

- No registration fee
- Limited Seats: 20
- Free Boarding & Lodging to the selected candidates
- Interested candidates apply online

Contact Details

Dr. Subrata Kumar Mandal
Senior Principal Scientist,
Technical Co-Ordinator, A-ESDP
Email: cmeri.msme.aesdp@gmail.com



Last date for application :
12.02.2025

<https://shorturl.at/q4CZB>

More Information

Contact us
9434592007

Visit Our Website
www.cmeri.res.in

Location
Palakkad, Kerala



Synthesis and In vitro Toxicity Analysis of Gold Nanoparticles using Eco-Friendly Cappings

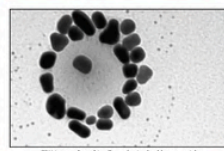
Program Coverage

- ▲ Skills in the wet chemical approach of synthesizing nanoparticles
- ▲ Hands-on training on synthesizing gold nanoparticles
- ▲ Protocol for synthesizing gold nanoparticles using eco-friendly cappings
- ▲ Introduction to mammalian cell culture and in vitro assays for toxicity evaluation
- ▲ Evaluation of toxicity of gold nanospheres via MTT/Alamar Blue assays

February 24-25, 2025

Benefits of Workshop:

- ✓ The participants will gain an understanding and hands-on training in synthesizing metal gold nanoparticles via the solution phase
- ✓ Understand the cytotoxicity of metal nanoparticles when exposed to cancer cells
- ✓ This will allow them to look forward into the field of nanomaterial-cell interactions that can bring new avenues for translational technologies



Venue
CSIR-IITR
M. G. Marg, Lucknow

- Eligibility:- M.Sc. / M. Tech / Ph. D in Life sciences or chemical sciences

- Course Fee:-
For academia- Rs.3000/-
For industry- Rs.5000/-

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

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

COURSE COORDINATORS

Dr. R. Raja Gopal
Dr. Pradeep K. Sharma

STUDENT COORDINATORS
Monika Yadav - 7905199463
Sadiya Zafar - 9838608758

Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236



scan / click here to register
<https://itr.res.in/ESDP.aspx>



click here to Fee Payment
<https://www.onlinesbi.sbi/sbi/collect/home.htm>



Share
f in X

*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) Vishvgyan Bhawan, 31 Mahatma Gandhi Marg, Lucknow-226001

SKILL DEVELOPMENT PROGRAMME

Microscopic and Diffraction Techniques for Materials Characterization

Our training program is meticulously crafted to introduce you to the fundamental principles and practical applications of microscopic and diffraction techniques, which are essential for unravelling the mysteries of materials.

What You'll Explore:

- Microscopic Marvels:** Exploring the hidden microscopic world through techniques like Transmission Electron Microscopy (TEM), Scanning Electron Microscopy (SEM), Atomic Force Microscopy (AFM), and Optical Polarizing Microscopy (OPM). Witness the intricate structures of materials with clarity and precision.
- Crystal Clarity:** The realm of crystallography with Powder X-ray Diffraction (PXRD) and Single Crystal X-ray Diffraction (SXRD). Learn to decipher the atomic arrangements of crystals, unlocking their secrets with finesse.

Course fee Rs. 7500/-

Why Choose This Course:

- Practical Learning:** Training sessions that blend theory with real-world application. Gain confidence as you navigate through practical experiments under expert guidance.
- Career Advancement:** Equip yourself with skills highly valued in both academic research and industrial settings. Expand your career opportunities and make significant strides towards your professional goals.

Networking Opportunities:
Connect with fellow participants and experts, fostering valuable collaborations and expanding your professional network.

Interactive Sessions:
Engage in lively discussions and interactive sessions designed to deepen your understanding of complex concepts.

Cutting-Edge Facilities:
Access state-of-the-art equipment and facilities that simulate real-world scenarios, ensuring a seamless learning experience.

Course Experts: Dr. Biswapriya Deb, Dr. Adersh Asok, Dr. Praveen V. K., Dr. Satyajith Shukla, Dr. Surendran K. P., Dr. Sunil Varughese, Dr. Subrata Das, Mr. Chandrakanth C. K., Mr. Kiran Mohan, Mr. Harish Raj V.

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

COURSE COORDINATORS:
DR. BISWAPRIYA DEB
DR. SUNIL VARUGHESE

DATE:
17th - 28th February 2025

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

CSIR-NIIST THIRUVANANTHAPURAM

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

CSIR-Indian Institute of Integrative Medicine, Jammu

Skill Development Training Program

Hands on Training Program on Plant Tissue Culture Techniques

Who can Apply?

Ph.D, PG, and UG students Pursuing Degree in:

- Biological Sciences
- Agricultural Sciences
- Working Professional with a Same background in any above of the fields are also eligible.

18th Feb - 20th Feb, 2025

ABOUT OUR TRAINING PROGRAM

- Registration Kit and Food for all participants shall be provided by Host Institute.
- Candidates should apply through Google forms available on website www.iiim.res.in till 15th February 2025 (4:00 PM).
- A registration fee of Rs 1180/- (Rs 1000 + 18% GST) must be paid in Institute's account and the receipt needs to be uploaded in the online registration/Google form.
- Maximum 15 seats are available on First Come First serve.

Scan To Register

CONTACT US

skilliiim2025@gmail.com

CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu, Jammu & Kashmir (U.T.) - 180001

www.iiim.res.in

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. I. 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/eCdDfckfYLuWD1P2A>

Join the WhatsApp Group:
<https://chat.whatsapp.com/Ez4ZMTitCp86RoKVz2YfYi>

Reference Material / Certificates are Issued

Contact Email: newipr2024@gmail.com 8008105781

A/C NAME : IMMT
ACCOUNT NO : 30267734773
BANK : SBI
ACCOUNT TYPE : SAVINGS
IFSC CODE : SBIN0007499
BANK BRANCH : RRL CAMPUS

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

CSIR INTEGRATED SKILL DEVELOPMENT PROGRAM

Women's Day Special Batch

"Polymer Characterisation by GPC techniques"

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

ABOUT COURSE
Gel permeation chromatography is used as a value addition in the polymer, pharmaceutical, food, materials etc. It is the essential and important laboratory techniques used for material characterization. GPC is the most powerful method for determining sample molecular weight and polydispersity of polymer samples. This course provides a detailed knowledge of theory, sample preparation, data generation, analysis, result presentation and trouble shooting w.r.t. gel permeation chromatography after successful completion of the course the candidate will be able to analyse and interpret the data and acquire sufficient expertise.

COURSE CONTENT
GPC - Introduction to GPC Technique, History and development, Pump, Column and detectors, Sample method development, Live demonstration of sample run, Analysis and troubleshooting etc.

FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

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

PRIME INSTRUCTOR & TEAM
Mrs. Poorvi Purohit
Sr. Technical Officer
Polymer Science And Engineering
Mr. Kalpesh Boidke
Project Associate

COURSE DETAILS
Duration: 3 Days
Dates: 03rd March - 05th March 2025
No. of Seats: 08
Eligibility: M. Sc., M. Pharm., B. E., B. Tech., M. E., M. Tech
Course Fees: Free of cost on the occasion of Women's Day
Accommodation: 500 /- for 3 days

Here is the reason why WHY CHOOSE US

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

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

ncl.sdtc@ncl.res.in

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

Envalor
Imagine the Future
CSR Sponsor

CSIR- INDIAN INSTITUTE OF INTEGRATIVE MEDICINE, SRINAGAR (Br).

SKILL DEVELOPMENT TRAINING PROGRAMME

Hands on Training on Advanced Techniques in Natural Products and Medicinal Chemistry

19 - 21 FEBRUARY 2025
CSIR-IIIM, SRINAGAR (Br).

WHO CAN PARTICIPATE ?
Ph.D, PG & UG Students who have Completed / Pursuing Degrees in Chemical Sciences & Chemical Engineering / Biological and Pharmaceutical Sciences. Working Professionals having same Background are also Eligible.

Registration fee 1000+18% GST = 1180/-

SCAN TO REGISTER

Instructions

- ✓ Registration Kit and Food for all participants shall be provided by Host Institute.
- ✓ Candidates should apply through Google Form available on website www.iiim.res.in till 17 Feb 2025 (4.00 PM)
- ✓ A Registration Fee of Rs 1180/- (Rs 1000 + 18% GST) must be paid in Institute's account and the receipt needs to be uploaded in the online Registration/Google Form.
- ✓ Maximum of 15 Seats are available on First Come First serve.

CSIR INTEGRATED SKILL INITIATIVE

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

CSIR-NCL SKILL DEVELOPMENT PROGRAM

Women's Day Special Batch

"HPLC & LC-MS"

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 brief training on HPLC & LC-MS.

COURSE CONTENT

- High Performance Liquid Chromatography (HPLC)
- Liquid Chromatography-Mass Spectrometry (LC-MS)

FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

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

PRIME INSTRUCTOR & TEAM
Dr. Nilakshi Sedevarte
Dr. Snehal More
Ms. Shital Nivdunge
Ms. Megha Mali
Mrs. Mrudula Apte

COURSE DETAILS
Duration: 2 Days
Dates: 19th March- 21st March 2025
No. of seats: 10
Eligibility: M.Sc./Chemical & Life Sciences, M.Pharm.
Course Fees - Free of cost on the occasion of Women's Day
Accommodation- \$100/- for 2 days

Here is the reason why

WHY CHOOSE US

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

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

ncl.sdtc@ncl.res.in

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

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NEWS CLIPPINGS

न्यूज़ क्लिपिंग

Increase in outlay for higher education and global skilling

M. Kalyanaraman
CHENNAI

The 2025-26 Union Budget's education-related announcements largely pertained to high-end capabilities. This Budget has proposed to set up an AI Centre of Excellence on Education, allocating ₹500 crore to it.

The Budget speech noted that the total number of students in 23 IITs has more than doubled – from 65,000 to 1.35 lakh stu-



Focus on tech: Students participating in a Smart India Hackathon on the IIT Tirupati campus in 2024. FILE PHOTO

dents in the past 10 years. This year, 10,000 more seats in medical colleges and hospitals will be added

as part of an initiative to add 75,000 seats in the next 10 years. Outlay increases have been seen in

higher education, Indian Knowledge Systems (IKS), Central universities, centrally sponsored schemes, and students' financial aid. Higher education received about 7.7% more this year compared to last year. A Bharatiya Bhasha Pustak Scheme will provide Indian language books in digital form to schools. "This move will significantly boost UGC's (University Grants Com-

mission) efforts to prepare 22,000 textbooks for UG (undergraduate) and PG (postgraduate) studies in 22 Indian languages," UGC Chairperson M. Jagadeesh Kumar said.

To foster skills

In a key new initiative, 50,000 Atal Tinkering Labs will be set up in government schools "to cultivate the spirit of curiosity and innovation, and foster a scientific temper among young

minds". This will come over and above providing broadband connectivity to all government secondary schools and Primary Health Centres in rural areas. The Budget talks about setting up five National Centres of Excellence for skilling, and partnerships to equip youth with skills required for 'Make for India, Make for the World' manufacturing. The partnerships will cover curriculum design, training of trainers etc.

STATE TIMES • Sunday • February 9, 2025

Dr Jitendra flags off CEL, CSIR supported Women Entrepreneurs for Leather Skill Development Training

STATE TIMES NEWS

JAMMU Union Minister, Dr Jitendra Singh on Saturday flagged off an Industrial Training Program on Leather Goods Manufacturing for women entrepreneurs from the J&K.

The initiative aims to empower women by providing them with skill development opportunities in the leather sector. The training program is being organized by the CSIR-Indian Institute of Integrative Medicine (IIIM), Jammu which was financially supported by Central Electronic Limited (CEL).

This employment generation programme is the Corporate Social Responsibility (CSR) initiative of CEL through which the project titled "Employability to Women Through Skill Development and Entrepreneur Support in Manufacturing & Designing of Leather Goods and Garments" was granted to CSIR-IIIM, Jammu.



Union Minister for Science and Technology, Dr. Jitendra Singh flagging off women entrepreneurs for Skill Development Training in Leather

While addressing the gathering, Dr. Jitendra highlighted that this is a unique initiative of first of its kind where three organizations viz., CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), CSIR-Central Leather Research Institute (CSIR-CLRI) and Central Electronic Limited (CEL) have collaborated to strengthen the entrepreneurial ecosystem in the Union Territory of J&K.

Dr Singh also commended the institutions like CEL

which has funded this special project for imparting training to women with a focus on their employability, the CSIR-CLRI, globally renowned institution for conducting the training at its satellite centre at Jalandhar. This effort, spearheaded by CSIR-IIIM, aims to empower women in J&K and is expected to significantly benefit startups registered under the Atal Innovation Centre at CSIR-IIIM.

Dr Jitendra emphasized that Jammu & Kashmir

region has vast potential in the leather goods industry due to the availability of raw materials, traditional craftsmanship, and growing demand for handmade, high-quality leather products.

Proper training in this sector can significantly contribute to economic growth and livelihood generation, especially to unemployed women.

Earlier, Dr. Zaheer Ahmed, Director, CSIR-IIIM, Jammu, while welcoming the Union Minister, apprised him about the training focused on various aspects of leather goods manufacturing, including design, production, and marketing, with the goal of equipping women with the necessary skills to establish their own startup and businesses enterprise.

During next one week, the participants will receive hands-on training from industry experts at CSIR-CLRI, Jalandhar

and will be guided in modern techniques to ensure their competitiveness in the market, he informed.

Dr. Ahmed also underscored the significance of utilizing scientific research and innovation to boost entrepreneurship and support local talent in the country as a whole.

The program is expected to create new opportunities in the leather sector and contribute to the economic growth of the region.

The training program was organized under the guidance of Dr. Zaheer Ahmed, Director, CSIR-IIIM, Jammu & Chairman, Atal Incubation Centre.

The event was attended by officers of CSIR-IIIM including Er Abdul Rahim, Head Er Srinagar & Vice-Chairman, Atal Incubation Centre, Dr. Saurabh Saran, Pr. Scientist, PI, Atal Incubation Centre, Dr. Shalad Jibran, CEO, Atal Incubation Centre.

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.

Making examinations less stressful for the students

Till some years ago, I remember waking up to the occasional dream featuring an upcoming exam that I wasn't adequately prepared for, or even worse, that somehow, I had studied for the wrong subject. It is a fairly common dream and is believed to reflect some anxiety that we may be experiencing. Experiencing this particular manifestation of stress is at complete odds with my basic nature as I try to not be anxious even in the most trying circumstances. In fact, I remember going with a friend to see Jurassic Park on the eve of an exam as I thought I was adequately prepared. As the father of two teenage girls, one in Class 9 and the other in Class 11, I am not pacing in the corridors awaiting their exam results either. Don't get me wrong, I care deeply about the quality of their education and understand that the assessment process is designed to highlight learning outcomes. It's just that I realised that my role as a parent to school-going children isn't to be my children's personal stress amplifier. The thrust of Prime Minister (PM) Narendra Modi's message to students and parents at the annual Pariksha Pe Charcha (PPC) event captures this spirit of the thought that "education is a journey, and exams are just one chapter of the story".



Jayant Chaudhary

Exams are a snapshot of a child's understanding of academic concepts and their applications. But can one exam truly capture the qualities and attributes that shape a fulfilling life? Today's students face unprecedented pressures, from social media amplifying every achievement to the hustle culture urging them to build empires between classes. The quantification of worth—through likes, followers, and grades has created an environment where stress is magnified. Education should never feel like a spectator sport where our children's efforts are scrutinised like performances on a stage. So, what can we do? As parents, our foremost role is to act as anchors. We must balance ambition with acceptance, encouraging our children to strive while letting them know it's okay to fall short.

Even his staunch political adversaries will admit privately that as an ideator and communicator, PM Modi sets the bar high. Whether it's the Swachh Bharat Mission, International Yoga Day, or the recent Viksit Bharat Young Leaders Dialogue, these programmes share a common goal of involving youth—Yuva Shakti—as the main stakeholders at every level in shaping the nation's future. Among such initiatives, PPC, launched back in 2018, creates some-

thing rare: a space where anxiety can be voiced without judgment. Students get to engage with the PM and draw the attention of the stakeholders in the entire education ecosystem and the nation. This dialogue-based approach marks a departure from the traditional top-down model of educational reform.

As India opens its doors to foreign universities, the existing education ecosystem also looks to revamp our traditional reliance on singular, high-stakes examinations. Such efforts are fortified through initiatives like Manodarpan, which addresses mental health concerns, and PARAKH, which reimagines assessment methodologies. By integrating credits for non-academic pursuits, Automated Permanent Academic Account Registry (APAAR) has reimagined a framework that will shape the future of education in India. The development of 360-degree Holistic Progress Cards signals a move toward more nuanced evaluation systems.

But the question remains, can PPC, a programme held annually, single-handedly eliminate the anxiety surrounding exams? PPC attempts a shift in the mindset—to view exams not as life-defining hurdles but as a process. It inspires all stakeholders to take collective responsibility for creating an environment where academic challenges are approached with confidence, resilience, and a sense of perspective. However, beyond the day of PPC, real change requires consistent effort—at home, in schools, and in how we define success and failure. William Blake, in his poem *The Schoolboy*, wrote, "How can the bird that is born for joy, sit in a cage and sing?" Stress, like a cage, stifles potential, and when freed from it, students often surpass expectations and break glass ceilings. When not weighed down by fear, their true abilities shine.

We don't have all the answers, and perhaps that's the point. Our role as parents, teachers, and policymakers is to listen, to let go, and to trust that our children are resilient and stronger than we often believe. We need to recognise that vulnerability is not a weakness and that is what makes us human. Let's celebrate the diverse paths our children take towards success and build the perspective of education as an enriching, empowering, and liberating journey.

Jayant Chaudhary is minister of State (Independent charge), ministry of skill development and entrepreneurship, and minister of State, education. The views expressed are personal

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- MoT committee approves technical textiles, educational courses grants and skill development courses
- Jayant Chaudhary Inaugurates NSDC International Academy to Empower Indian Youth for Global Opportunities
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