

CSIR SKILL BULLETIN

(A FORTNIGHTLY E-PUBLICATION)

सीएसआईआर कौशल पत्रक

(पाक्षिक ई-प्रकाशन)



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- Annual Skill Training Calendar by CSIR Labs: 15-16
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HIGHLIGHTS

- No. of SDP Conducted: 21
- No. of Participants Trained: 879
- No. of Upcoming Trainings: 14
- Skill Area Focus: 21
- Annual Skill Training Calendar : 6



IMAGES: Skill Development Training Programs at different CSIR Labs

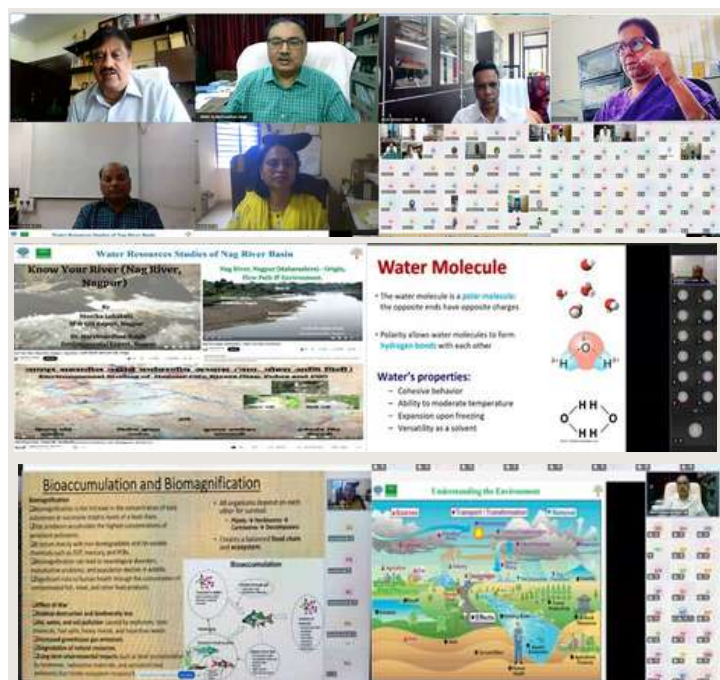
CSIR - Human Resource Development Centre, Ghaziabad
(Skill Nodal Office)

सीएसआईआर - मानव संसाधन विकास केंद्र, गाजियाबाद
(कौशल नोडल कार्यालय)



CSIR-NGRI, Hyderabad, organized a training program on **“Application of Remote Sensing & GIS in Earth Surface Processes”** during the period **6th - 10th July, 2026**. The program was attended by **23** participants from eight institutions across India, including Osmania University, Swami Ramanand Teerth Marathwada University, Chhatrapati Shahu Ji Maharaj University, Farook College, Pandit Ravishankar Shukla University, Sam Higginbottom University of Agriculture, Technology and Sciences, Barkatullah University, and the Central University of Punjab. The training program aimed to provide participants with practical knowledge and hands-on experience in Remote Sensing and GIS techniques, with special emphasis on their applications in Earth surface process studies. The program included lectures, practical sessions, and interactive discussions designed to enhance participants' technical skills and understanding of geospatial technologies.

CSIR-NEERI, Nagpur organized online Green Skill Training Program on **“Know Your Environment (KYE)”** during the period **15th - 16th July, 2026** under CSIR- Integrated Skill Initiative activities. Dr. S. Venkata Mohan, Director, CSIR-NEERI inaugurated the program and addressed the participants on importance of understanding of environment, monitoring & management of the environment towards sustainable development. Dr. Harshvardhan Singh, Scientist-G & In-charge, Skill Development Centre (SDC) and Course Coordinator informed Green Skill Development activities of CSIR-NEERI & briefed the course details. A total of **429** participants from rural and urban areas of 26 States/UTs of India (Maharashtra, Telangana, Uttarakhand, Uttar Pradesh, Kerala, West Bengal, Bihar, Madhya Pradesh, Rajasthan, Haryana, Chhattisgarh, Odisha, Jharkhand, Tamil Nadu, Delhi, Gujarat, Punjab, Jammu & Kashmir, Andhra Pradesh, Himanchal Pradesh, Karnataka, Dadar & Nagar Haveli and Daman & Diu, Tripura, Assam, Chandigarh and Manipur) of various organizations have taken benefit of the unique green skill program that covered quick and clear way to understand the environment towards environmental sustainable development and contribution to a healthier planet.



CSIR-CECRI, Karaikudi organised a one-week Skill Development Training Programme on **“Cathodic Protection and Pipeline Corrosion”** during **20th - 24th July, 2026**, under the aegis of the CSIR Integrated Skill Initiative (Phase III). A total of **42** participants from all over the State and other parts of the Country attended this training programme. During the Inaugural event, Dr. D. Jonas Davidson, Scientist-G & Head, Skill Development Group, welcomed the gathering and briefed on the Skill India Initiatives of the Govt. of India and CSIR. Dr. R. Monika Scientist-E & Coordinator of the course elaborated in detail on the Course contents and the various topics to be covered both theoretically and practically. The divisional activities were explained by Dr. Rakesh Chandra Barik, Scientist-F & Head, Corrosion and Materials Protection Division described the divisional R&D activities, especially on the various types of corrosion protection technologies developed at CSIR-CECRI and on the various ongoing R&D activities in this domain.

CSIR-CLRI, Chennai commenced its one-year Diploma in **"Leather Processing"** on **1st July, 2026** with a batch of **6** students. The autonomous vocational programme is aligned with NCVET norms and the NSQF Level 5 framework. On 16 July 2026, Dr. P. Thanikaivelan, Director, CSIR-CLRI, welcomed the 2026-2027 batch and encouraged the students to make the most of the institute's academic and research facilities. Students from the Kanpur and Kolkata leather clusters also received learning kits comprising workers' manuals, safety manuals, CSIR-CLRI monographs and laboratory overcoats.



CSIR-CSIO, Chandigarh conducted a three-day workshop on **"Fundamentals of Water Testing and Analysis"** during the period **21st - 23rd July, 2026**. Dr. Anupama Sharma delivered an expert lecture on Chromatography and its Techniques. She explained the fundamental principles of chromatography, its different types, and their applications in water quality testing and analysis. The session also included a practical demonstration of various chromatographic techniques and instruments, providing participants with hands-on exposure to sample preparation, analysis procedures, and result interpretation. The lecture was highly informative and helped participants gain both theoretical knowledge and practical understanding of chromatography in water analysis. Total no. of **8** participants attended this workshop.

CSIR-IIIM, Jammu conducted a four-Day Skill Development Training Programme on **"Laboratory Animal Imaging and Experimental Techniques for Preclinical Research"** during **21st - 24th July, 2026** under the CSIR-Integrated Skill Initiative. The programme was inaugurated by Dr Zabeer Ahmed, Director, CSIR-IIIM, with the release of the training material and souvenir. Bringing together researchers, faculty members and scholars from across India, the programme offered intensive hands-on training in laboratory animal handling, ethics, experimental design and advanced preclinical imaging techniques to strengthen research skills and promote scientific excellence. Total no. of **40** participants attended this programme.



CSIR-IHBT, Palampur conducted a **"Field-based training and plantation program"** at the Choglamsar Flower Garden Project, Ladakh during the period **15th - 17th July, 2026**, with a focus on capacity building in high-altitude floriculture under the CSIR-Integrated Skill Initiative (Phase-III). As part of the skill program, hands-on training was provided to **20** farmers and field participants, along with **8** officials, equipping them with scientific techniques for the planting and management of Lilium bulbs. The trainees were actively involved in the plantation operations, gaining practical exposure under real field conditions. The initiative was implemented under the technical supervision of CSIR-IHBT, Palampur, in collaboration with the Department of Agriculture, UT Ladakh. The program aimed to enhance farmers' skills, promote scientific floriculture practices, and support sustainable ornamental horticulture development in the unique agro-climatic conditions of Ladakh.

CSIR-CRRI, New Delhi successfully completed the Skill Development program on **"Geo Spatial Technology (GIS, GPS, RS, etc.) for Roads and Transportation"** sponsored by PWD, Madhya Pradesh for Madhya Pradesh, PWD Engineers during the period **13th - 17th July, 2026**, Total **50** Engineers attended from Madhya Pradesh Public works Department and including other Engineers all over India.



CSIR-NPL, New Delhi successfully conducted a three-day Skill Training Programme on **"Advanced Instrumentation Techniques for Materials Characterisation and Analysis (STP-2)"** during **8th - 10th July, 2026**. **35** faculty members, students, and research scholars from across India gained valuable insights through expert lectures by CSIR-NPL scientists, laboratory demonstrations, interactive sessions, and hands-on exposure to advanced materials characterisation techniques.

CSIR-CLRI, Chennai conducted a one-month Training Programme on **"Leather Processing: From Raw Hide/Skin to Finished Leather"** from **10th June - 09th July, 2026** for **5** girl students from the Government Leather Institute (GLI), Kanpur. The programme provided theoretical and hands-on training in leather processing, including beamhouse operations, tanning, post-tanning, finishing, leather testing, quality control, and environmental management, with practical exposure to laboratory- and pilot-scale leather manufacturing facilities.



CSIR-CLRI, Regional Centre, Kanpur, successfully organized a five-day Training Programme on **"Operation and Maintenance of Primary Effluent Treatment Plants (PETP) in the Leather Industry"** for **6** participants from **22nd June - 3rd July, 2026**. The programme aimed to strengthen the technical knowledge and operational skills of PETP operators, supervisors, and industry personnel. The training covered key aspects of wastewater treatment, environmental compliance, and the efficient and sustainable operation of Primary Effluent Treatment Plants in leather-processing units.

CSIR-CRRI, New Delhi successfully conducted the Skill Development program on **"Design of Bridge Structure and Foundation" for Madhya Pradesh, PWD Engineers** sponsored by Government of Madhya Pradesh from **06th - 10th July, 2026**, Total **57** Engineers attended from Madhya Pradesh Public works Department including other Engineers all over India.



CSIR-NIO, Goa, organized a three-day skill training program titled **"Hands-on Training on Chromatography Techniques"** during the period **14th - 16th July, 2026** at the Skill Development Centre. The program was designed to provide participants with theoretical knowledge and practical exposure to chromatographic techniques widely used for the separation, purification, and analysis of compounds and metabolites. The training attracted **17** students and researchers from academic institutions across India, reflecting the growing demand for analytical skill development. The program concluded with the certificate distribution ceremony, recognizing the successful completion of the training by all participants

CSIR-IHBT, Palampur conducted a four-day Skill Development Programme, **"Hands-on Training on Hydroponic and Aeroponic Cultivation"** during the period 21st – 24th July, 2026 under the CSIR Integrated Skill Initiative (Phase III). It was successfully completed with the participation of 10 trainees. Certificates were presented to the trainees by Dr. Sudesh Kumar Yadav, Director, CSIR-IHBT. During the closing ceremony, the Director interacted with the trainees and encouraged them to embrace innovation, strengthen their skills, adopt sustainable agricultural practices, and explore emerging career opportunities in modern agriculture. They also visited the Sagar Biotech, Nagri on 23 July, 2026 as a part of industrial exposure. The visit provided valuable practical exposure to advanced aeroponic potato cultivation and modern soilless farming techniques, thereby enriching their understanding of innovative agricultural technologies.



CSIR-NIIST, Tiruvanthampur conducted a five-day skill development program titled **"SPECTRA SKILLS 2026: Hands-on Training in Organic Spectroscopy"** during the period 20th – 24th July, 2026 as a part of the national flagship programme on "CSIR Integrated Skill Initiative". The program provided participants with theoretical knowledge and practical training in UV-Visible, FT-IR, and Fluorescence Spectroscopy, enabling them to understand the principles, operation, and applications of these analytical techniques through hands-on laboratory sessions. The program was inaugurated by the Director of CSIR-NIIST on 20 July 2026 and concluded with a valedictory session on 24 July 2026. 12 participants benefited from this training program.

CSIR-IHBT, Palampur successfully conducted a fifty days Skill Development Program on **"Plant Tissue Culture Technician"**, during the period 01st June – 29th July, 2026 under the CSIR Integrated Skill Initiative with the participation of 18 trainees from J&K, Himachal Pradesh, Jharkhand, Punjab and Chandigarh. During the programme, the trainees received extensive hands-on training in plant tissue culture techniques, laboratory practices, and quality control measures under the guidance of experienced scientists and technical experts.



CSIR-IIIM, Jammu conducted three-day Skill Development Training Programme on **"Gas Chromatography-Mass Spectrometry (GC-MS)"** under the CSIR-Integrated Skill Initiative during the period 28th – 30th July, 2026. Participants received comprehensive exposure to one of the most advanced analytical techniques widely used in pharmaceuticals, biotechnology, environmental science, food safety, forensic science, natural products research and chemical analysis through expert lectures, laboratory demonstrations and hands-on sessions. 15 participants benefited from this training program. The programme provided participants with practical exposure to sample preparation, instrument operation, data acquisition, and interpretation of GC-MS results under the guidance of experienced scientists.

CSIR-CSIO, Chandigarh and IEEE Nanotechnology Council (NTC) AcSIR Student Branch Chapter jointly organised three-Day Hands-on Workshop on **“Electrochemical Techniques and Instrumentation”** during the period **29th - 31st July, 2026**, under the CSIR Integrated Skill Initiative (CISI), and the Electrochemical Society of India (ECSI). A total of **30** participants were selected through a competitive process from a large number of applications received from across the country. Over the three-day programme, participants had gain both theoretical knowledge and practical experience in electrocatalysis, electrochemistry, batteries and supercapacitors, photoelectrochemistry, AI-assisted electrochemical data analysis, biosensors, in-situ electrochemistry, and electrochemical sensors. The workshop also included extensive hands-on laboratory sessions on electrodeposition, electrocatalysis, supercapacitors, hydroelectric cells, biosensor fabrication, and heavy metal sensing, along with a visit to the Central Analytical Facility (CAF) and interactions with leading experts from academia and industry.



CSIR-CCMB, Hyderabad, successfully conducted 6 days hands-on Skill Development Program/training on **“LC-MS Based Proteomics(Proteo-5)”** during the period **20th - 25th July, 2026**. The training provided an intensive blend of expert lectures and practical laboratory sessions covering the Basic operational fundamentals of liquid chromatography, mass spectrometry, and LC/MS interface, Qualitative and quantitative aspects of LC-MS: from simple molecular weight determination to large-scale proteome analysis, Sample preparation of LC-MS, SDS PAGE, staining/destaining, processing of gel pieces towards in-gel trypsin digestion, extraction of peptides, desalting LC-MS run & interpretation & analysis of MS data. Benefitting total **06** participants including PhD Scholars, Research Scientists and faculty across India.

CSIR-CCMB, Hyderabad, successfully conducted 5 days hands-on Skill Development Program/training on **“Rice Re-Imagined: Hands on Genome Editing Masterclass” (RICE-1)** during the period **06th - 10th July, 2026**. The training provided an intensive blend of expert lectures and practical laboratory sessions covering the fundamentals of CRISPR-Cas genome editing, guide RNA (gRNA) design using bioinformatics tools, cloning of CRISPR constructs, Agrobacterium-mediated rice transformation, rice tissue culture, molecular analysis and screening of edited lines, and discussions on the regulatory, ethical, and intellectual property aspects of genome editing. Participants also gained practical experience in designing genome-editing strategies, analyzing sequencing data, and interpreting mutation profiles. The programme benefitted a total of **09** participants, including PhD Scholars, Research Scientists and Faculty across India. The program successfully strengthened the technical capabilities of the participants by providing hands-on exposure to state-of-the-art genome editing workflows, fostering interdisciplinary learning, and promoting collaborations among researchers from academia, research institutes, and industry.



CSIR-HRDC, Ghaziabad, successfully organised a three-day Skill Development Programme on "Scientific Communication and Paper Writing" from 22nd- 24th July 2026 under the flagship CSIR Integrated Skill Initiative. The programme brought together 33 participants, including students, research scholars, and early-career researchers from CSIR and non-CSIR institutions across the country. The programme aimed to strengthen participants' scientific writing and research communication skills through sessions on scientific writing strategies, publication ethics, responsible conduct of research, patent writing, artificial intelligence in scientific writing, and popular science writing. Participants also received hands-on exposure to tools such as Grammarly and iThenticate for improving manuscript quality and originality. Expert lectures and interactive sessions by eminent speakers from CSIR-NPL, CSIR-NIScPR, CSIR-TKDL, BRIC-inStem, CSIR-HRDC, and other leading institutions provided valuable insights into manuscript preparation, publication practices, and effective science communication. The programme concluded with the distribution of certificates to the participants and reaffirmed the initiatives' commitment to strengthening scientific communication and research excellence among researchers.





The CSIR-Institute of Minerals & Materials Technology (CSIR-IMMT), Bhubaneswar, inaugurated its 'Advanced E-Learning Centre' under the CSIR Integrated Skill Initiative on 27th July 2026, marking a significant milestone in promoting digital learning, capacity building and skill development. The programme commenced with a tree plantation drive led by Dr. Vinay Kumar, Scientist-G and Nodal Scientist, CSIR Integrated Skill Initiative, CSIR-Human Resource Development Centre (CSIR-HRDC). The Advanced E-Learning Centre was formally inaugurated by Dr. Vinay Kumar in the presence of Dr. Ramanuj Narayan, Director, CSIR-IMMT. Welcoming the gathering, Dr. Ramanuj Narayan, Director, CSIR-IMMT, highlighted the institute's commitment to strengthening digital education, innovation and skill development through modern learning infrastructure. Delivering the keynote address, Dr. Vinay Kumar underscored the vision of the CSIR Integrated Skill Initiative in creating a nationwide ecosystem for technology-enabled education, digital learning and industry-relevant skill development. The newly inaugurated Advanced E-Learning Centre is equipped with modern digital infrastructure and is expected to significantly strengthen the institute's efforts in delivering high-quality online and hybrid training programmes under the CSIR Integrated Skill Initiative, thereby contributing to the development of a future-ready skilled workforce.





**Skill Development Program
On
"Environmental DNA (eDNA) and its applications" (eDNA-II)**
31st August to 03rd September 2026



The CSIR-Centre for Cellular and Molecular Biology is conducting a hands-on training on "Environmental DNA (eDNA) and its applications" (eDNA-II) targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This training is intended to cover the basics of eDNA and its applications in research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

No. of seats	10-15
Minimum Qualification	Masters in any branch of Life Science/Allied areas
Mode of the Course	In-house training at CCMB, Hyderabad
Mode of selection	Application form & Statement of Purpose
Course Fee	Rs.18,000/- (including accommodation & GST)
Apply using the link	http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum: (lectures and hands-on sessions)

- eDNA basics and study design
- Field sampling techniques
- eDNA isolation and laboratory techniques
- Species detection using qPCR
- eDNA meta-barcoding and bioinformatics

Salient Features of the Training:

- Expert instructors will provide lectures and hands on training
- One-to-one interaction with the trainers
- Exposure to laboratory safety regulations
- Evaluation assignments and trouble-shooting sessions
- Certificate of training will be issued to the participants

Training Coordinator:

Dr. G. Umapathy
Scientist-G
LaCONES,
CSIR-CCMB, Hyderabad.

Contact details:

Dr. Archana Bharadwaj Siva
Scientist-G
Nodal Scientist-Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

Scan to Apply



**Skill Development Program
On
"Advanced Biophysical Tools for Protein-DNA/Bimolecular Interactions"**
16th – 20th November 2026

The CSIR-Centre for Cellular and Molecular Biology is conducting a hands-on training on "Advanced Biophysical Tools for Protein-DNA/Bimolecular Interactions" (BIOPHY-III) targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This training caters to individuals with varying levels of expertise, offering education and training in a range of biophysical techniques within the domain of DNA/Protein Biophysics and demonstrating their applications in research projects. The program includes informative lectures, practical hands-on sessions, guidance on instrument setup, and in-depth instructions on data collection and analysis.

No. of seats	10-12
Minimum Qualification	Masters in any branch of life Science/Allied areas
Dates	16 th – 20 th November 2026
Mode of the Course	In-house training at CCMB
Mode of selection	Application form & Statement of Purpose
Course Fee	Rs. 18,000/- (includes GST & Accommodation)
Apply using the link	http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum:

Curriculum includes lectures and hands-on sessions on:

- Basics of Biophysics
- Instrument set-up for various biophysical techniques such as ITC, MST, BLI, Fluorescence Spectroscopy, CD Spectroscopy, DLS along with Protein Modeling
- Sample preparation along with tips and tricks
- Data collection and hands on for all participants
- Data analyses and presentation



Salient Features of the Training:

- Expert instructors will provide lectures and hands on training
- Certificate of participation will be issued to the participants
- Exposure to laboratory safety regulations
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions

Course Coordinator:

Dr. Shiv Pratap Singh Yadav
Scientist - C, Biophysics
CSIR-CCMB, Hyderabad

Program Coordinator:

Dr. Archana Bharadwaj Siva
Scientist - G
Nodal Scientist - Skill Development Program
CSIR-CCMB, Hyderabad sdp.ccmb@csir.res.in

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**Skill Development Program
On
"Genetic & Microbial Monitoring of Animals" (GMMA-IV)**
05th - 13th October 2026



The CSIR-Centre for Cellular and Molecular Biology is organizing a hands-on training on "Genetic & Microbial Monitoring of Laboratory Animals" (GMMA-IV) targeted to faculty members/researchers from universities/institutes/industries and interested individuals in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. It is intended to train people in monitoring and maintaining lab animals used for various experiments. The training would involve hands-on experiments and lectures on tissue collection, DNA isolation, genotyping, biochemical analyzers, microbial contamination detection and prevention.

No. of seats	10-15
Minimum Qualification	Bachelors/Masters in any branch of Life Science/Allied areas
Mode of the Course	In-house training at CCMB, Hyderabad
Mode of selection	Application form & Statement of Purpose
Course Fee	Rs.18,000/- (including accommodation & GST)
Apply using the link	http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum: (lectures and hands-on sessions)

- Quality control, both genetic & microbial to maintain genetically homogenous & germ free animals
- Immuno-genetic, biochemical and PCR based testing methods
- Disease screening of lab animals, sample collection & processing techniques for molecular & microbiological monitoring
- Things to sort out during standardization & Exposure to laboratory safety regulations

Hands-on:

- Genomic DNA isolation from tail samples and genotyping by standard PCR with gene specific and SSLP markers
- Biochemical markers (Hb, ALP, Albumin, SGPT, etc.) to assess the genotype or genetic contamination
- Tissue collection, DNA & RNA isolation, Complementary DNA synthesis for DNA & RNA viruses
- Identification of infective agents by PCR, RT-PCR and Real time PCR (qPCR)
- Preparation and observation of agar plates for microbial cultures from different platforms
- Microbial identification by different staining procedure, biochemical test and ARST
- DNA isolation from individual bacterial colonies and identification of bacteria by PCR
- Hematology by hematology analyzer and immunological testing of pathogen by ELISA
- Fecal examination for endo-parasites and skin scraping for ecto-parasites

Topics:

- Primer sequence selection, primer design and synthesis
- Basic PCR programming, uses of real-time (qPCR) and reverse transcriptase (RT-PCR) types
- Buffers and Master mix preparation for DNA, RNA isolations and PCR
- Skin and hair sampling to identify the presence of ecto-parasites
- Basic histo-pathological techniques involved in health monitoring program

Salient Features of the Training:

- Expert instructors will provide lectures and hands on training
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Course Coordinator:

Dr. Jerald Mahesh Kumar
Scientist-G & In-charge
Animal House, CSIR-CCMB,
Hyderabad.

Program Coordinator:

Dr. Archana Bharadwaj Siva
Scientist-G
Nodal Scientist - Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

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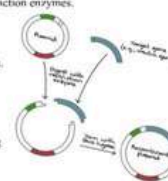
**Skill Development Program
On
"Molecular Cloning and Protein Expression"**
15th September to 01st October 2026

CSIR-Centre for Cellular and Molecular Biology shall conduct a hands-on training workshop for sixteen days on "Molecular Cloning and Protein Expression" (RECOMB-VI) targeted to faculty/researchers, Post graduates from Universities/Institutes as well as people working in the industry in the field of Life Sciences, Medical Sciences, Pharmaceutical Science & allied areas. This introductory workshop is intended for beginners to teach and train them about the basics of Molecular Cloning and Protein Expression in basic research for various experiments. It will be supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

Duration	15 days
No. of seats	10-12
Target Audience	Faculty/ Researcher from Academia/Industries/ Institutes
Minimum Qualification	Masters in any branch of Life Science/Allied areas
Dates	15 th September – 01 st October 2026
Mode of the Course	In-house training at CCMB
Mode of selection	Application form & Statement of Purpose
Course Fee	30,000/- INR (Including Accommodation & GST)
Apply using the link	http://11.171.19/training_programs/sdp/

Training Curriculum for Course:

- Media preparation, handling bacterial cell culture; reagents preparation and equipment use for cloning.
- Competent cell preparation for recombinant DNA cloning and protein expression.
- Polymerase Chain Reaction (PCR) - Its principle, working and designing of oligos for gene of interest.
- Plasmid vector preparation and restriction digestion of the plasmid by restriction enzymes.
- Ligation and transformation of the ligated recombinant gene.
- Screening for positive clones and confirmation using colony PCR or restriction enzyme digestion and DNA sequencing.
- Transformation of the confirmed clone into expression host bacterial strain.
- Protein expression standardization, optimization of purification strategies for the expressed protein and its analysis by SDS - PAGE.



Salient Features of the Training:

- Skilled resource persons will provide lectures and laboratory training
- Exposure to laboratory safety regulations
- One-to-one interaction with the trainers
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Course Coordinator:

Dr. Shobha Krupa Rani
Structural Biology Group
CSIR-CCMB, Hyderabad.

Program Coordinator:

Dr. Archana Bharadwaj Siva
Scientist-G
Nodal Scientist-Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in

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CSIR Integrated Skill Initiative Program

Certificate course on

Computational Approaches to Drug Design & Development (CAD)

17th August 2026 to 25th September, 2026

Salient Features of the Training

- Hands-on training on computational drug discovery tools
- Molecular modelling, docking & simulation
- Exposure to advanced software and techniques
- AI, machine learning & data mining in drug discovery
- Bioinformatics & chemoinformatics approaches
- Interactive sessions & expert guidance

Key Focus Areas

COMPUTER-AIDED DRUG DESIGN | MOLECULAR MODELLING | PROTEIN DOCKING & SIMULATION | AI & MACHINE LEARNING | BIOINFORMATICS & CHEMOINFORMATICS | SOLID FORM INFORMATICS | HANDS-ON SOFTWARE TRAINING | RESEARCH-ORIENTED LEARNING

DURATION 6 WEEKS | **NO. OF SEATS** 10 | **COURSE FEE** ₹ 10,000/- | **VENUE** Centre for Bioinformatics & Computational Biology, CSIR-CDRI, Lucknow

Admission Open | **Course Coordinator** Dr. M. I. Siddiqi (Email: m.i.siddiqi.cdri@csir.res.in) | **Last Date to apply** 21st July, 2026

Visit For Registration & Details

Phone: 0522-2771057 | Email: sdg@cdri.res.in | Website: www.cdri.res.in | Address: CSIR-Central Drug Research Institute, Sector 10, Jangpura Extension, New Road, Lucknow (226001) Uttar Pradesh

नैरी
NEERI

सीएसआईआर-नैरी, नेहरु मार्ग, नागपुर-४४००२० / CSIR-NEERI, Nehru Marg, Nagpur-440020
(विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार / Ministry of Science & Technology, Govt. of India)
हरित कौशल प्रशिक्षण कार्यक्रम / GREEN SKILL TRAINING PROGRAM
विषय / Topic: "मृदा गुणवत्ता एवं भूमि मूल्यांकन" / "Soil Quality and Land Assessment"
सितंबर १६-१७, २०२६ / September 16-17, 2026

पाठ्यक्रम विषय-सूची / COURSE CONTENTS

- भारतीय मिट्टी के प्रकार/ Categories of Indian Soils
- प्रयोगशाला विश्लेषण के लिए मिट्टी के नमूनों का संग्रह, संरक्षण और तैयारी/ Collection, Preservation and Preparation of Soil Samples for Laboratory Analysis
- मृदा गुणवत्ता मापदंड: भौतिक, रासायनिक और जैविक/ Soil Quality Parameters: Physical, Chemical and Biological
- विश्लेषण, सटीकता, परिशुद्धता और अनिश्चितता मापन की अवधारणाओं में गुणवत्ता मूल्यांकन/गुणवत्ता नियंत्रण प्रक्रिया/ QA/QC Procedure in Analysis, Accuracy, Precision and Concepts of Uncertainty Measurement
- मृदा परीक्षण रिपोर्ट तैयार करना / Preparation of Soil Test Report
- औद्योगिक भूमि प्रबंधन के लिए विनियम/ Regulations for industrial land management
- खनन अपशिष्ट ढेरों के पारिस्थितिक पुनर्स्थापन पर केस स्टडी/ Case Study on Ecological Restoration of Mine Spoil Dumps

आवेदक पात्रता / Applicant Eligibility

- भारतीय नागरिक (छात्र, बेरोजगार युवा, औद्योगिक कर्मी और कामकाजी पेशेवर, आदि) / Indian national (student, unemployed youth, industry personnel and working professionals, etc.)
- शैक्षणिक योग्यता: स्नातक (विज्ञान/ इंजीनियरिंग) / Educational qualification: Graduate (Science / Engineering)

पंजीकरण प्रक्रिया/ REGISTRATION PROCESS

- कृपया पंजीकरण वेबलिनक के माध्यम से पंजीकरण करें / Kindly register through registration weblink
- पंजीकरण शुल्क: ₹. २०००/- / Registration fees: Rs. 2000/-
- Payment Details: The Director, CSIR-NEERI, Nagpur, Account Number: 30266513766 Branch: NEERI SBI Branch, Nagpur (Maharashtra), IFSC, Code: SBIN0042424
- पंजीकरण की अंतिम तिथि अगस्त १६, २०२६ / Last date of registration August 16, 2026
- सीट सीमित हैं और पहले आओ पहले पाओ के आधार पर पंजीकरण किया जाएगा/ Seats are limited and registration will be done on first come first get basis.
- सीट भर जाने पर पंजीकरण वेबलिनक समय से पहले बंद कर दिया जाएगा / The registration link will be closed earlier once the seats are filled
- हेल्पलाइन नंबर / Helpline Number: 9860248073 / 9370753986

पंजीकरण वेबलिनक / REGISTRATION WEBLINK : <https://forms.gle/LkEKDe67tuf4fuFJ8>

निदेशक/ DIRECTOR	हरित कौशल समन्वयक/ GREEN SKILLS COORDINATOR	पाठ्यक्रम समन्वयक/ COURSE COORDINATOR
डॉ. एस. वेंकट मोहन Dr. S. Venkata Mohan निदेशक सीएसआईआर-नैरी Director CSIR-NEERI	डॉ. हर्षवर्धन सिंह Dr. Harshvardhan Singh वैज्ञानिक जी एवं प्रभारी, कौशल विकास केंद्र (एसडीसी) Scientist G & In-Charge, Skill Development Centre (SDC) EMAIL ID : greenskills.neeri@csir.res.in	डॉ. संजीव कुमार सिंह Dr. Sanjeev Kumar Singh वैज्ञानिक जी और प्रमुख, सीएसईए Scientist G and Head, Centre for Sophisticated Environmental Analyticals (CSEAs)



सीएसआईआर
CSIR
भारत का वैज्ञानिक इंजन
The Innovation Engine of India

**CSIR-Central Scientific Instruments Organisation
(CSIR-CSIO)**

Sector-30 C, Chandigarh-160030



CSIR-CSIO

CSIR INTEGRATED SKILL INITIATIVE

3D PRINTING TECHNIQUES

Explore. Design. Print. Innovate.

OBJECTIVE OF WORKSHOP

-  Understand the fundamentals of 3D Printing and Additive Manufacturing
-  Hands-on exposure to 3D Modelling and Slicing Software
-  Practical demonstration and hands-on printing experience
-  Explore real-world applications of 3D Printing in various industries

3D Modelling
Slicing
Material Science
Rapid Prototyping

Future
Layered Manufacturing
Prestige Geometries

CAD
Quality
Customization

3D Printing

Additive Manufacturing

Plastic Printing
Healthcare

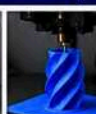


DATES
18 - 20 August, 2026
(Tuesday - Thursday)

VENUE
CSIR-CSIO, Chandigarh

LAST DATE OF REGISTRATION
10th August, 2026

Registration for this workshop is
FREE OF COST
certificate will be awarded and
to participants


CONTACT US :

 Dr. Narinder Singh Jassal
Scientist-G & Coordinator
CSIR Integrated Skill Initiative
nsjassal.csio@csir.res.in
<https://www.csio.res.in/>





CSIR
DEPARTMENT OF SCIENTIFIC AND
INDUSTRIAL RESEARCH



सीएसआईआर-सीएसआईओ
इंडो-स्विस् प्रशिक्षण केंद्र
INDO-SWISS TRAINING CENTRE
चंडीगढ़ / CHANDIGARH



सीएसआईआर-सीएसआईओ
इंडो-स्विस् प्रशिक्षण केंद्र
INDO-SWISS TRAINING CENTRE
चंडीगढ़ / CHANDIGARH

सीएसआईआर-नेरी, नेहरू मार्ग, नागपुर-४४००२० / CSIR-NEERI, Nehru Marg, Nagpur-440020

(विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार / Ministry of Science & Technology, Govt. of India)

हरित कौशल प्रशिक्षण कार्यक्रम / GREEN SKILL TRAINING PROGRAM

विषय / Topic: "जल गुणवत्ता निगरानी, जल सुरक्षा एवं संरक्षा योजना" / "Water Quality Monitoring, Water Safety and Security Planning"

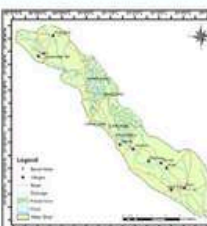
अक्टूबर १४-१५, २०२६ / October 14-15, 2026



NEERI

पाठ्यक्रम विषय-सूची / COURSE CONTENTS

- जल गुणवत्ता: सुरक्षित पेयजल आपूर्ति के लिए मुद्दे और विकल्प / Water quality: Issues and options for safe drinking water supply
- पेयजल गुणवत्ता निगरानी / Drinking water quality monitoring
- जल आपूर्ति प्रणाली और उससे जुड़े जोखिम और खतरों / Water supply system and associated risks and hazards
- जल सुरक्षा योजना (ड्रिंक्यूएसपी) / Water Safety Plan (WSP)
- जल आपूर्ति प्रणाली में खतरों और खतरनाक घटनाओं की पहचान करना और जोखिमों का आकलन करना / Identification of hazards and hazardous events and assess the risks in water supply system
- संयोजन क्षेत्र से लेकर उपभोक्ता तक पेयजल संदूषण की रोकथाम / Prevention of drinking water contamination from catchment to consumer
- नियंत्रण उपायों का निर्धारण और सत्यापन, जोखिम का पुनर्मूल्यांकन और प्राथमिकता निर्धारण / Determination and prioritization of the risk




अवेदक पत्रता / Applicant Eligibility

- भारतीय नागरिक (छात्र, बेरोजगार युवा, औद्योगिक कर्मों और कामकाजी पेशेवर, आदि) / Indian national (student, unemployed youth, industry personnel and working professionals, etc.)
- शैक्षणिक योग्यता: स्नातक (विज्ञान / इंजीनियरिंग) / Educational qualification: Graduate (Science / Engineering)

पंजीकरण प्रक्रिया / REGISTRATION PROCESS

- कृपया पंजीकरण वेबलिनक के माध्यम से पंजीकरण करें / Kindly register through registration on weblink
- पंजीकरण शुल्क ₹. २०००/- / Registration fee: Rs. 2000/-
- Payment Details: The Director, CSIR-NEERI, Nagpur, Account Number: 30266513766 Branch: NEE RI SBI Branch, Nagpur (Maharashtra), IFSC, Code: SBIN0004224
- पंजीकरण की अंतिम तिथि सितंबर १४, २०२६ / Last date of registration September 14, 2026
- सीट सीमित है और 'पहले आओ-पहले पाओ' के आधार पर पंजीकरण किया जाएगा / Seats are limited and registration will be done on first come first basis
- सॉफ्ट भर जाने पर पंजीकरण वेबलिनक समय से पहले बंद कर दिया जाएगा / The registration link will be closed earlier once the seats are filled
- हेल्पलाइन नंबर / Helpline Number: 9860248073 / 9370753986

पंजीकरण वेबलिनक / REGISTRATION WEBLINK : <https://forms.gle/9aFDLWNCtrhA8868>

निदेशक / DIRECTOR	हरित कौशल समन्वयक / GREEN SKILLS COORDINATOR	पाठ्यक्रम समन्वयक / COURSE COORDINATOR
डॉ. एस. वेण्कट मोहन Dr. S. Venkata Mohan निदेशक सीएसआईआर-नेरी Director CSIR-NEERI	डॉ. हर्षवर्धन सिंह Dr. Harshvardhan Singh वैज्ञानिक जी एवं प्रभारी, कौशल विकास केंद्र (एसडीसी) Scientist G & In-Charge, Skill Development Centre (SDC) E MAIL ID : green.skills.neeri@csir.res.in	डॉ. जी. के. खडसे Dr. G. K. Khadse वैज्ञानिक जी, ड्रिंक्यूएसपी Scientist G, WES





Skill Development Program On “Wildlife DNA Forensics” (WF-16) 07th – 12th September 2026

Objective: To sensitize and provide hands on training to participants on DNA Technology and its use in Wildlife Forensics.

Eligibility:

- Working Officers:** Any officer working in wildlife and forest departments at/a over the Range Forest Officer, Police, coastguard, customs, central excise, Food safety authentication department, judiciary, other enforcement departments, academic institutions, university or a research laboratory
- Students:** B.Sc. degree holders and above

No. of seats : 12-14
Target Audience : Bachelors/Masters in any branch of Life Science/Allied areas
Mode of the Course : In-house training at CSIR-CCMB, Hyderabad
Mode of selection : Application form & Statement of Purpose
Fee Particulars : Rs.18,000/- (including accommodation & GST)
Course Code : WF-16
Apply using the link : http://recruitment.ccmb.res.in/training_programs/sdp/

Training Curriculum:

- Introduction to DNA, DNA technology and its applications in wildlife forensics
- Status of Wildlife crime in India
- Case Studies from Wildlife DNA Forensics Lab, CSIR-CCMB
- Genetic Sampling Techniques, Proper collection, preservation, packaging and transportation of biological samples collected in the field
- Isolation of DNA from various type of biological samples
- Quantification of DNA by spectrophotometric and in-gel methods
- Selection of DNA Markers, Primer Designing.
- Provide knowledge about the “Universal Primers” technology for Species Identification developed by CSIR-CCMB.
- PCR amplification of the DNA isolated from various types of biological samples
- Sequencing and Data analysis of PCR products for Species Identification
- Understanding the use of Microsatellite markers and Sex specific markers for individual identification, relatedness and sexing
- PCR amplification using single/multiplex markers
- Genotyping and scoring of alleles: DNA profiling
- Data analysis for individual identification, relatedness, and sexing
- Troubleshooting
- Report Preparation

Salient Features of the Training:

- Expert instructors/Resource Persons will provide lectures and hands on training
- Exposure to laboratory safety regulations
- Interaction with the **leading scientists and experts** in the field
- Evaluation assignments and Trouble-shooting sessions
- Certificate of participation will be issued to the participants

Course Coordinator:
Dr. Ajay Gaur
Scientist-G
In-Charge - Wildlife Forensics
CSIR-CCMB, Hyderabad.

Program Coordinator:
Dr. Archana Bharadwaj Siva
Scientist-G
Nodal Scientist - Skill Development Program
CSIR-CCMB, Hyderabad.
sdp.ccmb@csir.res.in



Scan to Apply



CSIR Integrated Skill Initiative- Phase III



Skill Development Training Programme on “Physical Testing of Refractory Materials as per IS Standard” Date- 3rd to 6th August, 2026 Venue: RTCD, CSIR-CGCRI






CSIR-CGCRI Kolkata










CSIR-CGCRI Skill Development Training Centre
196 Raja S.C.Mullick Road, Kolkata 700032



DC-AC & Impedance Metrology

10th - 12th August, 2026



CSIR-INTEGRATED SKILL INITIATIVE, PHASE III

TRAINING MODULES

- 1 DC-AC and Impedance Metrology
- 2 Earth Resistance Testing, IS 3043
- 3 IS/ISO/IEC 17025:2017
- 4 Calibration of Digital Multimeter
- 5 Multi-function Calibrator
- 6 Calibration of LCR Meter for AC Resistance, Capacitance and Inductance

Scan for Registration



This program offers a unique opportunity to master your skills in DC-AC and Impedance Metrology.

- Highly Trained and Experienced Scientist/Faculty
- Master complex measurement uncertainty and traceability.
- Boost your employability in NABL-accredited labs and R&D sectors.

PROGRAM HIGHLIGHTS

- ✓ Hands-on Training
- ✓ State-of-the-art Laboratory
- ✓ Metrological Traceability
- ✓ Expert Faculty from CSIR-NPL



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📍 Dr. K.S. Krishnan Marg, New Delhi



CSIR-NPL

NMI of India



CSIR-Integrated Skill Initiative Program Training Program on IS/ISO/IEC 17025 : 2017 (General Requirements for the Competence of Testing and Calibration Laboratories) and Internal Audits (August 03-06, 2026)

Training objectives

To impart interactive experience to the participants in the quality system based on IS/ISO/IEC 17025 : 2017 standard and to conduct internal audits.

Program contents

- Understanding and implementation of IS/ISO/IEC 17025 : 2017 standard for Testing and Calibration Laboratories;
- Quality Management System documentation;
- Introduction to Risk-based thinking;
- Internal Audit techniques;
- Understanding requirements for Accreditation;
- Concepts of Measurement Uncertainty.

Contact persons

- Mr. Ajeet Singh, Scientist G & Head, HRD, hrd.nplindia@csir.res.in, 011-4560 9366 / 9361;
- Dr. Goutam Mandal, Scientist F & Deputy Quality Manager, goutam.nplindia@csir.res.in, 011-4560 9435;
- Dr. Saood Ahmad, Scientist G & Quality Manager, ahmads.nplindia@csir.res.in, 011-4560 9312.

Training fees and mode of payment

- ₹ 6,000 + GST (@18 %) including Course materials, Training Kit, Lunch, Tea/Coffee, Certificate etc.
- Trough online transfer at Canara Bank Account No. 91002010030018, IFSC Code CNRB0019100, MICR no. 110015428; or Demand Draft drawn in favor of the "DIRECTOR NATIONAL PHYSICAL LABORATORY", payable at "NEW DELHI".
- TDS: CSIR-NPL is exempted from Tax Deduction at Source under Section 35(1)(ii) of the IT Act 1961.
- After confirming with HRD, preferably training fees should be sent at least two weeks prior to the commencement of the desired training program.
- Kindly confirm the NEFT transfer details through e-mail. In the remarks column of NEFT, please mention "STP No. & Name of the Participants, HRD, NPL"

Who can participate?

Professionals working in testing and calibration laboratories having at least 5 years of work experience can participate.

Registration link: <https://forms.gle/L1kdHdb1ueC5ZVRM8>;

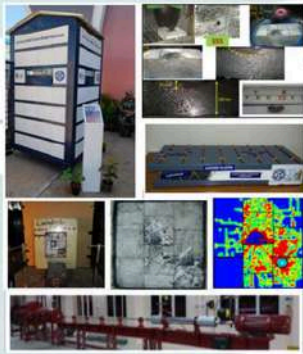
Program code: STP-05, Seats are limited and will be allocated on the first-come first-served basis.

Venue: HRD Wing, CSIR - National Physical Laboratory, Dr. K. S. Krishnan Marg, New Delhi - 110 012

A Short Term Advanced Course on

Fortified Futures: Next-Gen Hardened Protective Structures

September 21-25, 2026



Organized by
CSIR-Structural Engineering Research Centre
(An ISO 9001:2015 Certified Organization)
CSIR Campus, Taramani, Chennai-600113, India



About the Organization

CSIR-Structural Engineering Research Centre, 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 the analysis, design and testing of structures and structural components. Services of CSIR-SERC are being extensively used by the Central and State governments and public and private sector undertakings. Scientists of CSIR-SERC serve on many national and international committees and, this Centre has recognition nationally and internationally as a leading research institution in the field of structural engineering.

Background

Protective structures face unprecedented challenges in today's world, where extreme loadings such as impact, blast, explosions, and vehicle crashes continue to evolve with advances in technology and research. These events, though rare, often prove catastrophic—causing severe injuries, fatalities, economic losses, and social disruption. Designing resilient structures capable of withstanding multiple coupled extreme events is therefore one of the most demanding tasks for practicing structural engineers.

Traditional simplified approaches, including single-degree-of-freedom models and closed-form solutions, have long been used to predict structural responses under such conditions. However, modern advancements in computational and experimental mechanics now enable more reliable analysis and design. Techniques such as Smoothed Particle Hydrodynamics (SPH) and Peridynamics (PD) allow engineers to simulate complex responses under blast and impact loadings, while laboratory and field testing validate these models and provide deeper insights into real structural behavior.

The use of innovative materials and bio-inspired designs has further opened pathways to lightweight, shock-resistant, and structurally optimized protective systems. Coupled with advanced experimental facilities and instrumentation, these developments are reshaping our understanding of how materials and structures perform under extreme shock environments.

In this context, CSIR-SERC is organizing a five-day advanced offline course on 'Fortified Futures: Next-Gen Hardened Protective Structures.' The program will equip participants with cutting-edge knowledge of computational and experimental techniques, innovative materials, and resilient design strategies to address the pressing challenges of modern protective engineering.

Objectives

The advanced course 'Fortified Futures: Next-Gen Hardened Protective Structures' is designed to address the complex challenges in analyzing and designing protective systems against extreme loadings such as impact, blast, explosions, and crashes. It aims to provide students, consultants, practicing engineers, and professionals from both public and private sectors with a comprehensive overview of current trends and recent advancements in protective structural engineering. Participants will gain exposure to cutting-edge computational and experimental techniques, innovative material applications, and resilient design strategies, with emphasis on both numerical modelling and experimental validation. Through expert lectures, case studies, and demonstrations, the program will equip attendees with the knowledge and practical tools needed to critically evaluate protective structures and develop robust solutions that safeguard lives, assets, and infrastructure against modern extreme events.

Course Contents

- Introduction to protective structures
- Analysis of Protective structures under various loading conditions (Blast / Impact / Crash)

- Design philosophy & current practices for determination of impact, shock and blast loads
- Behavior of concrete/composite structures under high strain rate loadings
- Shock wave propagation in materials under impact/blast loading
- Numerical simulation of explosion and impact loading
- Innovative and bio-inspired materials for advanced protective structures with enhanced shock resistance
- Strengthening and mitigation measures for infrastructure protection
- Case-studies on protective structures
- Demonstration on instrumented impact machine and high velocity impact tests with gas gun facility at CSIR-SERC.

Faculty

Faculty for the course would comprise mainly scientists from CSIR-SERC and experts from reputed research/academic institutions/industry.

Prerequisites

The course registrants can ensure adequate knowledge on the background to course contents to fully exploit the benefits of attending the advanced course.

Venue & Duration

Training and Development Complex, CSIR-SERC, Chennai.
Timing: 10.00 a.m. to 5.00 p.m.

Registration and Fee

Registration fee is Rs. 5000/- per participant inclusive of GST for Indian delegates and US\$750/- for foreign delegates. Course material in pdf format and certificate of participation will be provided to all the registered participants. The above registration fee includes a kit, lunch and refreshments for five days. The course registration can be completed via online form in the URL below:
<https://serc.res.in/course>

Travel, Boarding and Lodging Arrangements

The participants or their sponsoring organizations must bear travel, boarding and lodging expenses. Limited accommodation in the Guest House/Trainee's Hostel at CSIR-SERC Campus may be arranged on a first-come-first-served basis at extra cost. Participants wishing to avail of this facility are advised to write to the course coordinator well in advance.

Course coordinators

Dr. Amar Prakash, Scientist-G
Shri V. Ramesh Kumar, Scientist -E
Advanced Protective Structures & Mechanics Laboratory

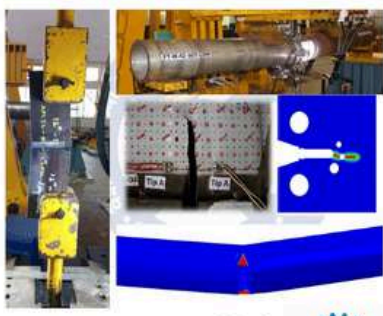
Contact

Tel.: +91-44-2254-9179/ 2254-9241
Fax: +91-44-2254-1508
E-mails: amar.serc@csir.res.in; rameshkumar.serc@csir.res.in
Website: <https://serc.res.in>



Scan QR Code for the Course Promo Video

CSIR-SERC Skill Development Program 2026-2027



Advanced Course on
Fatigue Life and Fracture Behaviour of Structural Materials and Components under Different Loading Conditions
FLoC '26
9-11 September 2026

Organised by :
CSIR-Structural Engineering Research Centre
(An ISO 9001-2015 Certified Organization)
CSIR Campus, CSIR Road, Taramani
Chennai - 600113, 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.

About the Course

The course provides necessary background to basic concepts of fatigue and fracture including design of components and structures against fatigue. The workshop gives an opportunity for engineering professionals to familiarize themselves with the recent developments in the area of fatigue and fracture mechanics. The course will be focused on experimental and numerical techniques for fatigue and fracture of metallic structural components. The topics to be covered during the Course include:

- Fundamentals of fatigue and fracture - metals and concrete
- Fatigue and fracture behaviour of metallic specimens / components under various loading conditions
- Specialised fatigue and fracture experimental studies on structural components
- Advanced computational methodologies for fracture analysis of structural components
- Probabilistic modelling of fatigue and fracture
- Structural failure case studies on fatigue and fracture

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 fatigue and fracture 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
9-11 September 2026; Time: 09.30 a.m. to 5.00 p.m.

Registration & Fee

The registration fee for the course is Rs. 3,000/- (inclusive of GST) per participant for Indian delegates, Rs. 1,500/- (inclusive of GST) per participant for students (with proper authentication) and US\$ 450/- 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, contact us

Nitin Khandealwal & V. Thondamon
Coordinators, FLoC '26

CSIR-SERC
CSIR Campus, CSIR Road Taramani,
Chennai - 600 113, India
Tel.: +91-44-22549129/9136
Mob : 9971757326 / 9445777564
nitin.serc@csir.res.in / thondamon.serc@csir.res.in
<https://www.serc.res.in>



Scan the QR Code for Promo Video



Faculty for the course would comprise mainly scientists from CSIR-SERC and few experts from academia and industry



CSIR - NAL SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27		
S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Project Management Practices	18th - 20th May, 2026
2	Geometrical Dimensioning and Tolerancing, ASME Y14.5-2018 for Design, Manufacturing & Inspection	15th - 30th June, 2026
3	CATIA Software Essentials for Aircraft Design	1st - 31st July, 2026
4	Foundation of Data Acquisition System	10th - 28th Aug, 2026
5	Introduction to MATLAB and GNU-OCTAVE for Engineers and Scientists	31st Aug - 04th Sep, 2026
6	Aerospace CNC Machinist	07th Sep - 06th Oct, 2026
7	Occupational Safety and Hazop Analysis	26th - 30th Oct, 2026
8	Large Language Model and Generative AI	02nd - 20th Nov, 2026
9	Foundations of Data Driven Modeling	01st - 21st Dec, 2026
10	Detail Design of Metallic Aircraft structures	05th - 07th Jan, 2027
11	Course on Dimensional Metrology and Inspection	15th - 17th Feb, 2027
12	Metal Cutting Technologies	12th - 14th March, 2027

CSIR - IICT SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27		
S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Protein extraction separation and analysis from mammalian Cancer cell lines	2nd - 5th June, 2026
2	Advanced Biocatalysis and Biotransformation	20th - 31st July, 2026
3	Phytochemical Techniques	4th - 8th Aug, 2026
4	Basics of Machine Learning using Python	15th - 30th Aug, 2026
5	Synthetic Organic Chemistry Training to PG Students	1st - 30th Sep, 2026
6	Basic Chemical Operations and Instrumentation using Pro Simulation Software	13th - 17th Oct, 2026
7	Animal Cell Culture Techniques	3rd - 28th Nov, 2026
8	Conventional Chromatographic and Spectral Analysis of Oil and Fats	12th - 14th Nov, 2026
9	Protein extraction, separation and analysis from Mammalian cancer cell lines	2nd - 5th Dec, 2026
10	Basic Bioinformatics and Cheminformatics	7th -18th Dec, 2026
11	CRISPR/Cas9 Mediated Gene Knockout in Cell lines	15th - 29th Dec, 2026
12	Finishing School to Post Graduates in Chemistry	28th Dec, - 27th Mar, 2027
13	Peptide Synthesis	11th - 15th Jan, 2027
14	Converting idea into IP	19th - 23rd Jan, 2027
15	Advanced Analytical Techniques-Hands on Training	20th Jan, - 9th Feb, 2027
16	Analytical Techniques for Food and Nutritional Chemistry	5th - 10th Feb, 2027
17	Synthesis, Characterization and Application of Polymers and Functional Materials	24th - 26th Feb, 2027
18	Pheromone Application Technologies	27th - 31st Mar, 2027

CSIR - IIP SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27		
S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Basic Skill Development Training on "Overview and Testing of Bitumes & Bituminous Binders and GC Analysis in the Petroleum Sector "	6th - 10th April, 2026
2	Basic Skill Development Training on "Advanced Skill Development training on EV's "	11th - 15th May, 2026
3	Basic Skill Development Training on "Testing of Petroleum Products"	8th - 12th June, 2026
4	Basic Skill Development Training on "Analysis using Chromatography & Mass Spectrometry"	6th - 17th July 2026
5	Basic Skill Development Training on "Industrial Aspects of Recombinant Biotechnology"	17th - 21st Aug, 2026
6	Basic Skill Development Training on "Testing of Petroleum products "	10th - 14th Aug, 2026
7	Basic Skill Development Training on " Industrial Catalyst Preparation and Micro-Reactor Studies"	14th - 25th Sept, 2026
8	Basic Skill Development Training on "Analysis with Elemental, Microscopic and TG Tools"	5th - 16th Oct, 2026
9	Basic Skill Development Training on "Hands on training on Bioreactors"	16th - 20th Nov 2026
10	Basic Skill Development Training on "Spectroscopic Analytical Techniques IR-NMR"	7th - 18th Dec, 2026
11	Basic Skill Development Training on "Analysis with Elemental Microscopic and Thermo-gravimetric tools"	1st - 12th Feb, 2027
12	Basic Skill Development Training on "Characterization of Bitumen"	8th - 19th March, 2027

CSIR - NBRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27		
S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Bioinoculant Producer for Agricultural Application	05th - 29th May, 2026
2	Training Program on Dehydrated Floral Crafts	21st - 22nd May, 2026
3	Certificate Course on Microbiological techniques in agro & food industry	01st - 19th June, 2026
4	Plant Tissue Culture Technician	15th June-01st July, 2026
5	Certificate Course on Plant Molecular Biology Techniques	18th June-02nd July, 2026
6	Course on Spirulina cultivation	07th - 14th July, 2026
7	Soil and Water Analyst	15th July - 13th Aug, 2026
8	Certificate course on Herbarium Technician	04th - 11th Aug, 2026
9	Bonsai Technique & Home Gardening	08th - 09th Sep, 2026
10	Vermicompost Techniques	10th -11th Sep, 2026
11	Training Program on Dehydrated Floral Crafts	07th - 08th Oct, 2026
12	Hydroponics/Aeroponics Technician	1st - 15th Oct, 2026
13	Phytochemical Analysis Technician	17 Nov - 04 Dec, 2026
14	Quality Analyst for Herbal Industry	17 Nov - 04 Dec, 2026
15	Certificate course in Advanced Bioinformatics	01st - 30th Dec, 2026
16	Soil and Water Analyst	15th Dec - 12th Jan, 2027
17	Certificate course on Herbarium Technician	05th - 12th Jan, 2027
18	Plant Tissue Culture Technician	04th - 29th Jan, 2027
19	Course on Spirulina cultivation	02nd - 09th Feb, 2027
20	Training Program on Dehydrated Floral Crafts	03rd - 04th March, 2027

CSIR - Human Resource Development Centre, Ghaziabad
(Skill Nodal Office)

सीएसआईआर - मानव संसाधन विकास केंद्र, गाजियाबाद
(कौशल नोडल कार्यालय)



CSIR - AMPRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S.No	Courses	Duration
1	Intellectual Property Rights	15-19 June, 2026
2	Basics of Computer Network	1-3 July, 2026
3	Hydrological Modelling	9-10 July, 2026
4	CNC Turner, Conventional Turner, Welder & Fitter	13-17 July, 2026
5	Insights into Development of High Entropy Alloys	20-24 July, 2026
6	Heat Treatment, Metallographic and Mechanical Characterization	29-30 July, 2026
7	Analytical and Bio-Analytical Chemistry	3-7 August, 2026
8	Insights into Development of High Entropy Alloys	12th Aug, 2026
9	Electron Microscopy & Microanalysis	17-21 August, 2026
10	Basic Skills in Science Laboratory Techniques	25-26 August, 2026
11	Biomaterials and Bio-Inspired Materials: Applications towards Healthcare	3-4 September, 2026
12	Renewable Energy	8-10 September, 2026
13	Water Chemistry, Analysis and Treatment	14-18 September, 2026

CSIR - AMPRI SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S.No	Courses	Duration
14	Concrete Technology and Testing	22-23 September, 2026
15	Thin Film Science and Technology: Fundamentals and Hands on Training	6-7 October, 2026
16	Basic Skills In Science Laboratory Techniques	12-14 October, 2026
17	AI, ML, And Its Applications	19-21 October, 2026
18	Water Chemistry, Analysis and Treatment	10th Nov, 2026
19	IOT-Based Structural Health Monitoring	19-20 November, 2026
20	Electroplating And Surface Modifications Techniques	1-2 December, 2026
21	Synthesis, Characterization And Application Of Nano Materials	7-11 December, 2026
22	Engineering Advance Nano Materials For Sustainable And Renewable Energy Conversions	19-21 January, 2027
23	Electrochemical Energy Conversion and Storage Devices	27-28 January, 2027
24	CNC Turner, Conventional Turner, Welder & Fitter	1-5 February, 2027
25	Water Chemistry, Analysis and Treatment	10th Feb, 2027
26	Environmental Science And Modelling	16-18 February, 2027
27	Intellectual Property Rights	8-12 March, 2027
28	Additive Manufacturing (Laser PBF or EBM PBF)	15-19 March, 2027
29	Solar Cell And its Applications	23-24 March, 2027

CSIR - NCL SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
1	Chromatographic Techniques	06th - 17th April, 2026
2	Single Crystal XRD	11th May - 12th June, 2026
3	Surface Characterisation Technique	25th May - 05th June, 2026
4	Quality Control Chemist	08th - 15th June, 2026
5	Industrial Catalysis	08th - 15th June, 2026
6	Chromatographic Techniques	06th - 17th July, 2026
7	Advanced Characterization Techniques	06th July - 07th Aug, 2026
8	Genome Sequencing (Oxford Nanopore Sequencing) and editing (CRISPR / Cas9 technology)	03rd - 07th Aug, 2026
9	Drug Polymorphism and Pharmaceutical Multicomponent Solids	03rd - 07th Aug, 2026
10	Polymer Characterization With GPC Techniques	17th - 21st Aug, 2026
11	Food Safety and Quality Assessment	17th - 28th Aug, 2026
12	Single Crystal XRD	07th Sep - 9th Oct, 2026
13	Quality Control Chemist	28th Sep to 09th Oct, 2026
14	Chromatographic Techniques	07th Sep - 18th Sep, 2026
15	Synthetic Organic Chemistry	03rd Sep - 18th Dec, 2026
16	Mass Spectrometry Based Proteomics	28 Sep to 30 Oct, 2026

CSIR - NCL SKILL DEVELOPMENT PROGRAMME TRAINING CALENDAR 2026-27

S. No	Name of the Skill Development Program (SDP)/ Training Programme	*Programme Date (Duration)
17	Analytical Techniques for Material Characterisation (XRD, Electrospinning, GPC, DSC, GC, TGA)	02nd - 09th Nov, 2026
18	Quality Control Chemist	07th - 18th Dec, 2027
19	Single Crystal XRD	07th Dec - 08th Jan, 2027
20	Mass Spectrometry Based Proteomics	04th Jan - 05th Feb, 2027
21	Chromatographic Techniques	04th - 15th Jan, 2027
22	Food Safety and Quality Assessment	09th - 19th Feb, 2027
23	Lithium-ion battery cells: Fundamentals to Fabrication	22nd - 26th Feb, 2027
24	Single Crystal XRD	01st Mar - 02nd April, 2027
25	Women's Day Special Batch of polymer characterization by GPC Techniques	08th - 09th March, 2027
26	Quality Control Chemist	15th - 28th March, 2027
27	Women's Day Special Batch HPLC AND LC-MS	11th - 12th March, 2027

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LATEST NEWS



Ministry of Science & Technology

CSIR-IMMT Inaugurated Advanced E-Learning Centre under CSIR Integrated Skill Initiative

प्रतिष्ठित लिपि: 29 JUL 2026 7:41PM by PIB Delhi

The CSIR-Institute of Minerals & Materials Technology (CSIR-IMMT), Bhubaneswar, inaugurated its **Advanced E-Learning Centre** under the **CSIR Integrated Skill Initiative** on 27th July 2026 (Monday), marking a significant milestone in promoting digital learning, capacity building and skill development.

The programme commenced with a **tree plantation drive** led by **Dr. Vinay Kumar, Scientist-G and Nodal Scientist**, CSIR Integrated Skill Initiative, CSIR-Human Resource Development Centre (CSIR-HRDC). The **Advanced E-Learning Centre** was formally inaugurated by **Dr. Vinay Kumar** in the presence of **Dr. Ramanuj Narayan, Director, CSIR-IMMT**.

The inaugural ceremony was followed by a **Skill Development Meeting** at **S S Bhatnagar Hall**, attended by scientists, research scholars, students and staff of the institute.

Welcoming the gathering, **Dr. Ramanuj Narayan, Director, CSIR-IMMT**, highlighted the institute's commitment to strengthening digital education, innovation and skill development through modern learning infrastructure. He emphasized that the newly established centre would play an important role in expanding access to quality learning resources and enhancing the professional competencies of students, researchers and industry personnel.

Dr. Santosh Kumar Behera, Scientist-F and Skill Development Coordinator, CSIR-IMMT, presented an overview of the institute's skill development initiatives under the CSIR Integrated Skill Initiative. He highlighted the successful implementation of various training programmes, industry-oriented courses and capacity-building activities that have benefited students, professionals and researchers from across the country.

Addressing the gathering, **Dr. Trupti Das, Scientist-G, Chief Scientist and Chairperson (HRD)**, CSIR-IMMT, stressed the importance of continuous learning, human resource development and technology-enabled education in preparing a skilled workforce for emerging industrial and research challenges.

Dr. L. D. Besra, Scientist-G and Head, CSIR-IMMT, highlighted the importance of skill development programmes in enhancing employability, fostering innovation and bridging the gap between academic learning and industry requirements. He emphasized that continuous skill upgradation is essential for building a competent and future-ready workforce.

Delivering the keynote address, **Dr. Vinay Kumar** underscored the vision of the **CSIR Integrated Skill Initiative** in creating a nationwide ecosystem for technology-enabled education, digital learning and industry-relevant skill development. He appreciated the efforts of CSIR-IMMT in establishing the **Advanced E-Learning Centre** and expressed confidence that it would serve as an important platform for online training, hybrid learning programmes, webinars, workshops and collaborative knowledge-sharing activities. The formal vote of thanks was delivered by **Dr. Manish Kumar, Scientist-F**.

The newly inaugurated **Advanced E-Learning Centre** is equipped with modern digital infrastructure and is expected to significantly strengthen the institute's efforts in delivering high-quality online and hybrid training programmes under the **CSIR Integrated Skill Initiative**, thereby contributing to the development of a future-ready workforce.

200,000 YOUTHS FROM LOW-INCOME HOUSEHOLDS TO BENEFIT Payment to Skills Training Centres Linked to Jobs

₹530-crore fund to be launched to incentivise trainers

Yogima Seth

New Delhi: The Skill Development and Entrepreneurship Ministry has linked payments to skill training providers to placement and retention of candidates, a skill aimed at ensuring employment generation and enhanced incomes for the candidates.

The ministry will launch a ₹530-crore Skills Outcome Fund to incentivise skill training providers while increasing their accountability towards each trained candidate, said officials. The move is expected to help about 200,000 youths from low-income households secure quality employment opportunities and improved incomes, a senior government official said, adding, "The initiative represents a significant evolution in the skilling ecosystem by shifting the focus of financing from training activities to verified livelihood outcomes."

The National Skill Development Corporation, under the ministry, will set up a public-private financing platform that will aggregate capital from government, philanthropic organisations, corporate social responsibility contributors and development partners into a common outcomes-focused fund.

Under the programme, candidates aged 18-49 years from low-income households, particularly those who are not in employment, education or training, including school and college dropouts, youths with undergraduate education and individuals from marginalised communities, aspirational districts and priority states, will be given priority access to about 90% female participation. The plan is to focus on high-demand sectors

Empowering via Employment
Move aimed at encouraging deeper collaboration between employers and training providers

Candidates aged 18-49 years from low-income households to be prioritised

Focus on high-demand sectors
and occupations that offer sustainable livelihoods

and occupations that offer sustainable livelihoods and career progression with at least 40% of training focused on future-oriented and emerging job roles, while the remaining will target sectors with strong employer demand and potential for aspirational wages.

The government believes institutionalising outcome-based financing will help prepare a workforce equipped for emerging economic opportunities, prioritise job roles that offer strong employment prospects and career progression, and improve the earning potential of the candidates.

Besides, it will encourage deeper collaboration between employers and training providers to ensure curricula, skill standards and training delivery are aligned with evolving labour market requirements.

जिले की जरूरत के अनुसार युवाओं को कौशल प्रशिक्षण

सखनऊ। प्रदेश में युवाओं को उनके ही जिले में रोजगार देने के लिए कौशल विकास मिशन ने प्रशिक्षण व्यवस्था बदली है। अब जिले के उद्योगों और उद्योगों के अनुसार युवाओं को कौशल प्रशिक्षण दिया जाएगा। हर जिले का कौशल विकास प्लान जिलाधिकारी के माध्यम से तैयार और अनुमोदित होगा। कौशल विकास मिशन ने सभी जिलों से इसके लिए प्रस्ताव मांगे हैं।

प्रदेश सरकार ओडीओपी और ओडीओसी योजना को तेजी से बढ़ा रही है। इन योजनाओं से रोजगार के अवसर बढ़ने पर जोर दिया जा रहा है। मिशन युवाओं को उनके जिले में निर्धारित मानदंड पर रोजगार दिलाना चाहता है। युवाओं को स्थानीय उद्योगों और कल-कारखानों की आवश्यकतानुसार प्रशिक्षण मिलेगा। इससे प्रशिक्षण के बाद युवा अपने ही जिले में रोजगार पा सकेंगे। उद्योगों को भी प्रशिक्षित मानव शक्ति उपलब्ध होगी।

पहले प्रशिक्षण प्लान ट्रेनिंग पार्टनर बनाते थे। अब इसे जिले की जरूरत के अनुसार जिलाधिकारी तैयार कराएंगे। जिलाधिकारी के निर्धारण के बाद प्लान कौशल विकास मिशन को भेज जाएगा। मिशन इसे ट्रेनिंग पार्टनर के माध्यम से लागू कराएगा। सभी जिलों की 25 जुलाई तक यह प्लान देना अनिवार्य है। इसी के अनुसार मिशन प्रशिक्षण प्लान तैयार करेगा। नए

डीएम के माध्यम से तय किया जाएगा कौशल विकास का प्लान

पीपीपी मॉडल में छह आईटीआई में चलेंगे नए कोर्स

सखनऊ। प्रदेश में पब्लिक प्राइवेट पार्टनरशिप (पीपीपी) मॉडल पर चलने वाले छह आईटीआई में नए कोर्स शुरू करने की हरी झंडी दी गई है। मिशन के संयुक्त सचिव मनोज कुमार की ओर से जारी आदेश के अनुसार रायबरेली के सनने में फोर्मेबे आईटीआई में लैस अस्मिटेड की जाह सोलर टेक्नीशियन का कोर्स संचालित जाएगा। उनका के सनने में भी सोलर टेक्नीशियन का कोर्स चलाया जाएगा। हर जिले के शासन में डेस्कटॉप पब्लिशिंग अपरेटर की जाह सोलर इलेक्ट्रिशियन, ब्ला के प्लान में लैस अस्मिटेड की जाह फेशन डिजाइन एंड टेक्नेशियन व डेस्कटॉप पब्लिशिंग अपरेटर की जाह सोलर इलेक्ट्रिशियन, कुशनर के कासब में सिबिस्ट इंडोनेशियन अस्मिटेड की जाह फेशन डिजाइन एंड टेक्नेशियन और एटा के महारा में फास टेक्नेशियन एंड इंडस्ट्रियल सेन्टी मैनेजमेंट कोर्स संचालित जाएगा। छह

सत्र 2026-27 में युवाओं को इसी अनुसार प्रशिक्षण दिया जाएगा। युवा



SKILL TIMES

Ministry of Skill Development & Entrepreneurship

NCVET convenes meeting with Skill Universities in Delhi to strengthen vocational education through greater collaboration

STATESMAN NEWS SERVICE
New Delhi, 27 July

The National Council for Vocational Education and Training (NCVET), Ministry of Skill Development and Entrepreneurship (MSDE), convened a meeting with Skill Universities at Rashtrapati Bhawan, New Delhi.

The meeting was chaired by the chairperson of NCVET, Dr. Mukherjee, Secretary, MSDE and Chairperson, NCVET to deliberate on strengthening India's vocational education ecosystem through enhanced collaboration, quality assurance and policy convergence. The Ministry said on Monday.

The meeting was graced by N. Khanna, Additional Secretary, Ministry of Skill Development and Entrepreneurship and Executive Member, NCVET.

In her inaugural address,

Dr. Mukherjee emphasized the pivotal role of Skill Universities in preparing a future-ready workforce and highlighted NCVET's commitment to fostering a robust, transparent and outcome-oriented regulatory ecosystem. She underlined the importance of closer institutional collaboration for promoting quality assurance, innovation and wider adoption of the National Skills Qualification Framework (NSQF) across the higher education landscape. The consultation brought together more than 25 senior academic leaders representing 14 Skill Universities across 10 states and one Union Territory, including Delhi Skill and Entrepreneurship University (DSEU), Symbiosis Skills and Professional University (SSPU), Medha College University, Sri Velamakanni Skill University (SVKSU), Tata Mahatma

MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP



State Skill University, Assam Skill University, Kanchi Skill University, Young India Skill University, Bharatiya Skill Development University (BSDU), Scope Global Skills (SGS), Global Skills University, Centurion University of Technology and Management (CUTM), Sakin Skill University, Laxmi Tech Skill University, and Vellore Skill University, India (VLSU). The consultation provided

a platform for deliberations on strengthening institutional collaboration, enhancing quality assurance and addressing the implementation of vocational education reforms across the country. The meeting was guided in furtherance of the vision of the National Education Policy (NEP), 2020, which envisages seamless integration of vocational education with

The Statesman

NEW SELECTION CRITERIA FROM JULY 15

Norms for Skilling Centres Tightened

Yogima Seth

New Delhi: The government has tightened the selection criteria for centres of excellence for skilling and vocational training, prioritising permanent, industry-aligned institutions over temporary, scheme-driven training centres.

The move is aimed at creating opportunities for employment, entrepreneurship, apprenticeship, higher education, reskilling and international certifications of the candidates. This will move the skilling ecosystem from an input-based compliance model to a quality-driven, industry-led and outcome-focused framework that emphasises learner progression and measurable employment outcomes," said a senior government official, who did not wish to be identified.

The new selection criteria came into effect from July 15 and replaced the existing model, which focused largely on scheme-specific training centres and short-term infrastructure compliance. These centres have been mandated to provide counselling, mentorship and career-coaching support, and offer reskilling and up-



Skilling to Employment

Govt changes vocational training approach of centres of excellence for skilling

Moves to outcome-based training, from input and scheme-based

Tightens guidelines for empanelled institutions; effective from July 15

HOW WILL IT HELP? Trainees: Get advanced training, assessment, placement guidance

Industry: Creates pipeline of future-ready workforce

killling pathways for lifelong learning for the candidates.

Besides, they are expected to track post-training outcomes and undertake internal monitoring, stakeholder feedback analysis and periodic performance review for continuous quality improvement.

CSIR - Human Resource Development Centre, Ghaziabad
(Skill Nodal Office)

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(कौशल नोडल कार्यालय)



(Please click on the link to view the details)

NATIONAL

- ▶ Empowering India's Skill Ecosystem: Government's Initiatives from Classroom to Enterprise
- ▶ MSDE unveils new initiatives to strengthen India's future-ready skilling ecosystem on World Youth Skills Day 2026
- ▶ Country committed to preparing its workforce for global labour markets, says Union Skill Development Minister
- ▶ India Celebrates World Youth Skills Day 2026: Skills Become the Passport to Prosperity.
- ▶ Review of Pradhan Mantri Kaushal Vikas Yojana (PMKVY), launched in 2015
- ▶ Country committed to preparing its workforce for global labour markets, says Union Skill Development Minister
- ▶ Strengthening India's vocational training ecosystem, the Training of Trainers Programme under PMSETU was inaugurated at Central Tool Room & Training Centre (CTTC), Bhubaneswar
- ▶ Government links payments to skill centres with jobs
- ▶ Skill India expands AI and future skills Training: Govt
- ▶ Skilling for Space and Geospatial Sectors
- ▶ Skill Centre Perspective: Empowering India's Healthcare Future with IoT
- ▶ MSDE launches special intervention for promotion of Apprenticeship in North-East
- ▶ Rajasthan to establish overseas employment facilitation cell to expand global job opportunities for youth
- ▶ NSDC and AVPL International Collaborate to Establish 350 Advanced Skill Centres for Drones
- ▶ BSDM invites agencies to conduct skill gap study in Bihar
- ▶ Nirmala Sitharaman lauds Uttar Pradesh's Integrated Skill Development Model, backs early industry exposure for students
- ▶ District Skill Committee Reviews Skill Development Initiatives in Chandigarh
- ▶ HSIM Completes Eight Years of Digital Skilling, Sets Target to Train 100,000 Entrepreneurs by 2030
- ▶ CSIR-IMMT Inaugurated Advanced E-Learning Centre
- ▶ कौशल विकास से बदल रही यूपी की तस्वीर, 9 साल में 12.50 लाख युवाओं को मिला रोजगार; तकनीकी रूप से सक्षम हो रहे युवा
- ▶ कौशल प्रशिक्षण कार्यक्रमों का उद्योग की आवश्यकताओं तथा भविष्य में उत्पन्न होने वाली रोजगार संबंधी मांगों के अनुरूप समन्वय सुनिश्चित करने के लिए सरकार द्वारा कार्यान्वित की जा रही है
- ▶ विचार: 'कौशल प्रदेश' में बदलता उत्तर प्रदेश
- ▶ कौशल प्रशिक्षण के बाद स्थानीय युवाओं को मिल रहा है रोजगार
- ▶ स्किल इंडिया प्रतियोगिता 2026 के लिए आवेदन शुरू: 16 से 23 वर्ष के युवा राष्ट्रीय मंच पर दिखा सकेंगे हुनर
- ▶ इंडिया स्किल्स-2026 के लिए पंजीकरण शुरू: युवाओं को राष्ट्रीय-अंतरराष्ट्रीय मंच पर मिलेगा अवसर
- ▶ समुद्री क्षेत्र में कौशल विकास को बढ़ावा देना
- ▶ विश्व युवा कौशल दिवस 2026 पर श्री जयंत चौधरी ने कहा— भविष्य उन्हीं का है जो सीखते हैं, बदलते परिवेश में ढलते हैं और नवाचार करते हैं
- ▶ प्रधानमंत्री कौशल विकास योजना (पीएमकेवीवाई) 4.0 का कार्यान्वयन
- ▶ सीएसआईआर-आईएमएमटी ने शुरू किया उन्नत ई-लर्निंग केंद्र, डिजिटल शिक्षा और कौशल विकास को मिलेगा बढ़ावा

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- ▶ Report: Most Organizations Are Preparing Workers for Today's AI, Not Tomorrow's Jobs
- ▶ World Youth Skills Day 2026: Skills for a shared future
- ▶ New EMN-OECD joint study examines skills matching policies and instruments for third country nationals
- ▶ Southeast Asia's tech giants reshape AI talent landscape through corporate upskilling and global neutrality
- ▶ Building skills isn't enough for young people: what the future of work is missing



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