

CSIR SKILL BULLETIN (A FORTNIGHTLY E-PUBLICATION)

सीएसआईआर कौशल पत्रक
(पाक्षिक ई-प्रकाशन)

Editorial Team

- Dr Vinay Kumar
- Ms Neeti Sagar

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- Skill Trainings by CSIR
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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-NPL, New Delhi conducted a Training Programme on “Fluid Flow Metrology (STP-6)” during 18th – 20th August 2025. The programme was designed to provide in-depth knowledge and practical exposure in the field of fluid flow measurement and calibration.

A total of eight participants from diverse sectors – including quality assurance professionals, private calibration laboratories, and faculty and researchers from academic institutions – actively participated. Through expert lectures, laboratory demonstrations, and hands-on sessions, the participants gained valuable insights into advanced concepts of fluid flow metrology, measurement standards, calibration practices, and uncertainty evaluation.



CSIR-IHBT, Palampur conducted short-term hands-on training and internship program on “Food, Chemical, and Bioprocess Technologies” for undergraduate students during 25th – 30th August 2025 under CSIR-Integrated Skill Initiative (Phase-III). A total of 12 students from life sciences, chemistry, food technology, and chemical engineering backgrounds participated in the program. The students received training in basic laboratory analytical skills as well as unit and downstream processes commonly used in the food, pharmaceutical, and nutraceutical industries. As part of the program, participants visited food and pharmaceutical industries such as M/s Yuktika Biotech and Nutraceuticals Pvt. Ltd., Palampur, M/s Himalayan Brew, Palampur, and Baijnath Pharmaceuticals, Paprola, where they observed commercial operations firsthand. Dr Sudesh Kumar Yadav, Director of CSIR-IHBT, interacted with the participants, encouraging them to gain exposure to diverse analytical and process techniques, while also emphasizing the role of science and technology in addressing real-life problems.



CSIR-IHBT, Palampur conducted a 34-day “Bamboo Grower” course for students, farmers, and entrepreneurs under the CSIR Integrative Skill Initiative (Phase-III) during 1st September – 9th October 2025. The program was inaugurated in the esteemed presence of Dr Sudesh Kumar Yadav, Director, CSIR-IHBT, along with Dr Shashi Bhushan, Head of Fermentation and Phytofermentation Technology Division, Dr Gireesh Nadda, Nodal Officer, and Dr Rohit Joshi, Course Coordinator. Dr Rohit Joshi welcomed the participants and outlined the training modules on bamboo propagation. Dr Shashi Bhushan highlighted the significance of the program in generating employment opportunities through bamboo propagation. Dr. Gireesh Nadda shared insights on the benefits of the CSIR-Integrative Skill Initiative (Phase-III). Dr Sudesh Kumar Yadav interacted with the participants and emphasized bamboo’s role as “Green Gold” for livelihood and the economy. With bamboo’s commercial and industrial potential, the program aimed to empower people for entrepreneurship and sustainable livelihood generation.



CSIR-CGCRI, Kolkata conducted a three-day Skill Development Programme on “Terracotta Processing” at Duttapukur, North 24 Parganas, West Bengal during 2nd – 4th September 2025 as part of the CSIR Integrated Skill Initiative Programme. The programme covered various aspects of terracotta processing, including raw material preparation, Plaster of Paris (POP) mould making, and shaping of terracotta articles through slip casting. Demonstrations were also conducted on glaze preparation, glaze application, and firing techniques. Participants received hands-on training in terracotta jewellery making using POP moulds. A total of 35 artisans and housewives actively participated in the programme.



CSIR-CIMFR, Dhanbad conducted a Skill Development Programme Two Days Hands-on Training on “Statistical Analysis using STATISTICA and SIGMAPLOT Software” during 8th – 9th September 2025. A total of 60 participants attended the training program.



CSIR-CECRI, Karaikudi conducted a one-week Skill Development Training Program on “Electro-Organic Synthesis – Fundamentals and Industrial Processes” during 08th – 12th September 2025. The programme aimed to provide the latest knowledge and skills in the area of electro-organic synthesis. A total of 34 participants from different parts of Tamil Nadu attended the training. The programme was inaugurated by Dr R. Thangamuthu, Chief Scientist, Electro-Organic & Materials Electrochemistry Division, who also explained the divisional activities. The event was coordinated and hosted by Dr S.M. Rajendran, Chief Scientist, Head & Nodal Officer of ISI under CECRI's Skill Development Group. The inaugural address and an overview of CECRI's activities were delivered by Dr. N. Lakshminarasimhan, Senior Principal Scientist, Electro-Organic & Materials Electrochemistry Division. The programme was technically convened by Dr V. Suryanarayanan, Senior Principal Scientist, co-coordinated by team members, and concluded with a formal vote of thanks by Dr M. Kathiresan, Principal Scientist, Electro-Organic & Materials Electrochemistry Division.



CSIR-IITR, Lucknow conducted a workshop on “DNA Isolation and PCR” during 11th – 12th September 2025. A total of 23 participants from different universities attended, representing academic levels from graduates to Ph.D. scholars and faculty members. The inaugural session began with a welcome by Dr Pradeep K. Sharma (Convenor, SDP, CSIR-IITR) and remarks by Dr K. C. Khulbe (Chief Scientist & Head, RPBD, CSIR-IITR). The course coordinators were Mrs Shobhna Arya (UGC-SRF) and Ms Astika Sachan (UGC-SRF). The workshop carried the motto “For the students, by the students”, empowering students to take charge of their learning experience.



CSIR-CIMFR, Dhanbad conducted a five-day Skill Development Program on "Analytical Chemistry and Its Application in Soil and Water Analysis" during 15th – 19th September 2025 under the CSIR Integrated Skill Initiative – Phase III. The program was inaugurated by Dr Anshumallick, Head, Environmental Engineering Division, IIT(ISM) Dhanbad, along with Prof. A. K. Mishra, Director, CSIR-CIMFR, through the traditional lamp-lighting ceremony. A total of 20 participants, shortlisted on the basis of merit, attended the program. The group comprised 9 male and 11 female students pursuing M.Sc. in Environmental Science and Chemistry from various universities and academic institutions across the country. The participating institutions included Chhatrapati Shivaji Maharaj University (CSMU), Kanpur; Pataliputra University (PU), Patna; Binod Bihari Mahto Koyalanchal University (BBMKU), Dhanbad; Central University (CU), Ranchi; and St. Xavier's College, Ranchi. The training program focused on soil and water analysis and comprised six theory lectures and twelve practical sessions, covering sample collection, sample preparation, and testing and analysis of soil and water samples. The initiative aimed to provide participants with both fundamental knowledge and hands-on experience, thereby enhancing their skills in analytical chemistry for practical applications.



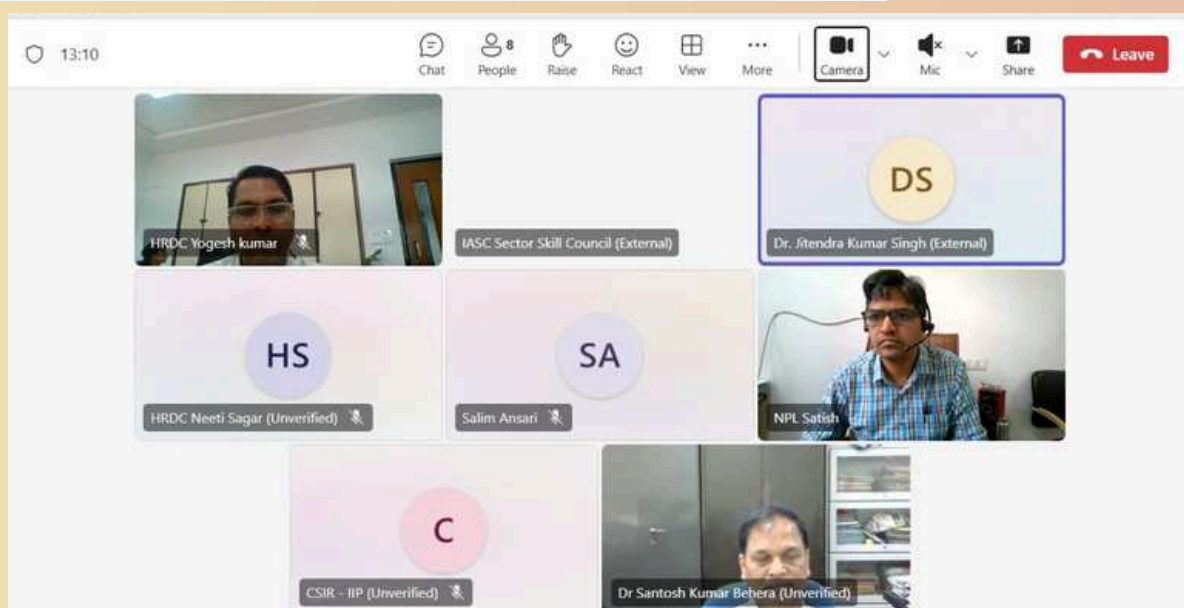
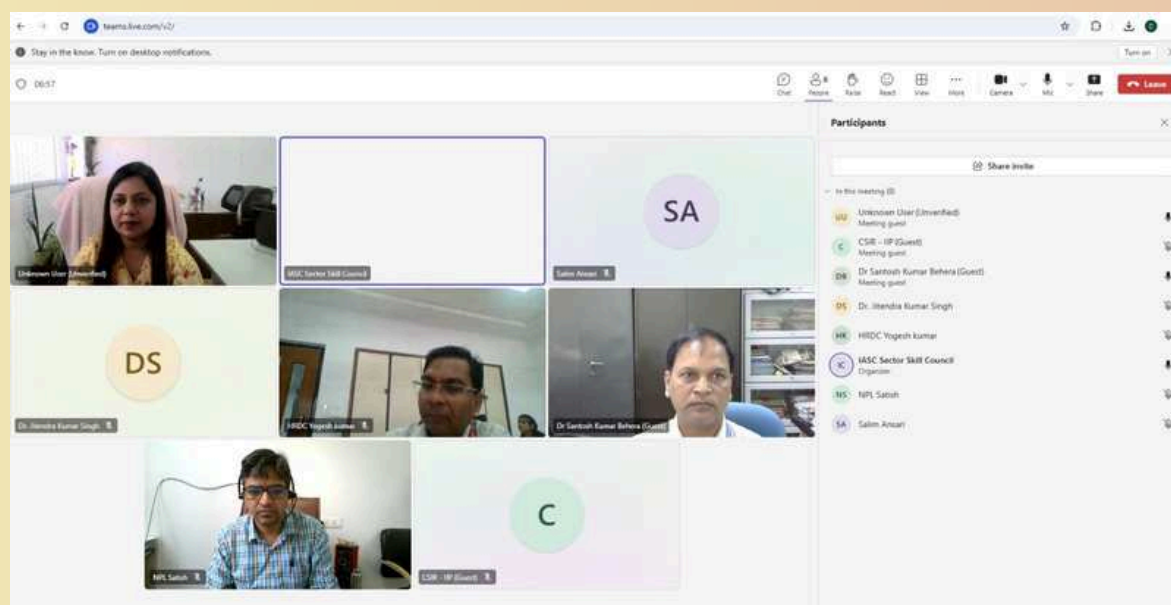
NODAL OFFICE UPDATES

नोडल कार्यालय अपडेट

CSIR-Human Resource Development Centre (HRDC), Ghaziabad with Instrumentation Automation Surveillance & Communication Sector Skill Council (IASC SSC) organized an online meeting on September 04, 2025. The primary objective was to explore collaboration opportunities through the signing of a Memorandum of Understanding (MoU) and the establishment of a Centre of Excellence in the domain of Automation Sector. The meeting focused on getting collaborated with the sector skill council by signing of MoU and setting up Centre of Excellence.




Interested CSIR laboratories: CSIR-CIMFR, CSIR-NPL, CSIR-IIP, CSIR-IMMT, CSIR-CECRI, CSIR-CSIO, CSIR-NPL, CSIR-NIScPR, CSIR-CLRI, CSIR-CRRI & CSIR-NML participated in the discussion.

The key points of discussion included the identification of skilling needs and the development of new courses aligned with National Occupational Standards (NoS) and the National Skills Qualifications Framework (NSQF) in the domain of Automation Sector and organization of joint programmes training programmes and capacity-building initiatives.



UPCOMING EVENTS

आगामी आयोजन

CSIR-CCMB

Skill Development Program
On
"Nanotheranostics for Biomedical Applications"

27th to 31st October 2025

CSIR-Center for Cellular and Molecular Biology shall conduct a hands-on training workshop for five days on "Nanotheranostics for Biomedical Applications" (NANO-3) 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 train about the basic techniques of Nanotheranostics for research in various experiments and supplemented with informative lectures, hands-on training, instrument set-up, data collection and analysis.

No. of seats	: 12-14
Minimum Qualification	: Masters in any branch of Life Science/Allied areas
Dates	: 27 th to 31 st October 2025
Mode of the Course	: In-house training at CCMB
Mode of selection	: Application form & Statement of Purpose
Course Fee	: Rs. 18,000/- (including accommodation)
Apply using the link	: http://recruitment.cmb.res.in/training_programs/sdp/

Training Curriculum (includes lectures and hands-on sessions on):

Synthesis of:

- Metal nanoparticles
- Polymer nanoparticles
- Targeted nanoparticles
- Organic quantum dots

3D Bioprinting of Hydrogels

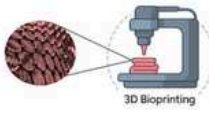
Nanotheranostics applications of few synthesized Particles

Characterization study using high-end instruments:

- TEM
- SEM
- FTIR
- Fluorescence Spectroscopy
- Fluorescence Microscopy


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



3D Bioprinting

Scan to Apply



Training Coordinator:
Dr. Ira Bhatnagar
Principal Scientist
CSIR-CCMB,
Hyderabad.

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



CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY
(Under Ministry of Science & Technology, Govt. of India)
Tarnaka, Uppal Road, Hyderabad – 500007, Telangana, India



Skill Training program on
Organic Coatings & Paints

14th OCT 2025 to 16th OCT 2025 9:30 am - 5:00 pm

Highlights:

- Rigorous training on advanced topics by means of theory & Experimentation
- Personal Attention during Hands on sessions
- Exposure to Research areas in the Institute
- Course completion CERTIFICATE to all the Trainees

Eligibility Criteria : PG Students / Industry / R&D Professionals

Batch size : 20

Training Fee : INR 5900/- (Course fee : 5000 + 900 GST)

Important Dates:

Online Registration : Start date : 08-09-2025 End date : 25-09-2025
 Communication of selected candidates : 30-09-2025
 Training : Start Date : 14-10-2025 End Date : 16-10-2025

Organized by : Dept of Polymers & Functional Materials

Course Co-ordinators
Dr. Rohit Kumar Rana
Chief Scientist
&
Dr. J. Jayaramudu
Sr. Principal Scientist




Skill India



Scan to Register

Nodal Officer- Skill Development
CSIR-Indian Institute of Chemical Technology, Tarnaka-Uppal Road,
Hyderabad – 500 007, Telangana, India

sdp.act@csir.res.in f ictrindia
040-2793346

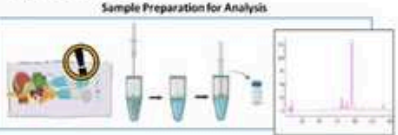





Training On Sample Preparation and Analysis using
HPLC-PDA: A Hands-on Approach

September 23-25 2025 (03days)

Program Coverage:-

- **Fundamentals of HPLC-PDA**- Understanding the principles behind High Performance Liquid Chromatography with Photodiode Array Detection.
- **Sample Preparation Techniques**- Best practices for preparing various types of samples using DLLME for accurate HPLC analysis.
- **Instrument Operation**- Step-by-step guidance on setting up, calibrating, and running HPLC-PDA systems.
- **Data Acquisition & Interpretation**- Learning how to collect chromatographic data and interpret results for quantitative and qualitative analysis.
- **Validation of Method Troubleshooting & Maintenance**- Validation of Method as Per ICH Guideline, Identifying and resolving common operational issues to ensure reliable and reproducible results.

Max. seats - 20
Last registration date: Sept 02, 2025

For queries, contact:
Monika Yadav (Student Coordinator)- 7905199463
Sadiya Zafar (Student Coordinator)- 9838608758
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236
sdp1.iitr@iitr.res.in, sdp1iitr@gmail.com

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





Entrepreneurship Awareness Program on Translating Idea to Enterprise: A road map for young entrepreneurs

September 17, 2025 (01 day)

Program Coverage:

1. Learn what entrepreneurship really means
2. Get to know government schemes and funding opportunities
3. Hear real success stories from entrepreneurs
4. Discover how to turn ideas into enterprises

Who can Apply:

- Graduates
- Research Scholars
- Industry Employees
- MSME Representative
- Govt. Officials

Benefits:

1. Clear career path in entrepreneurship
2. Guidance on starting your own business
3. Awareness of funding & financial support
4. Networking with experts & peers



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

For queries, contact:
Monika Yadav (student coordinator)- 7905199463
Sadiya Zafar (student coordinator)- 9838608758
Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236
sdp1.iitr@csir.res.in, sdp1iitr@gmail.com





Workshop on Oxidative and Cellular Stress Assays

Program Coverage & Benefits:

- ▲ Oxidative Stress, Pro-Oxidants & Antioxidant Enzymes
- ▲ Non-Kit Based and Economical Biochemical Assays of Oxidative stress parameters
- ▲ Preparation of Buffer
- ▲ Hands-on/Demo of Biochemical assay of activity of antioxidant enzymes (SOD, Catalase), Glutathione-S-transferase as well as level of ROS and Lipid peroxidation (LPO)

COURSE COORDINATOR
Ms. Mirat ul Fatima
Dr. Ravi Ram Kristipati

Share



DATE: September 23-25, 2025 (3 days)

ELIGIBILITY: -M.Sc. in Life sciences

COURSE FEE:-
For academia- Rs.3000/-
For industry- Rs.6000/-

TIME :- 9:00 AM-5:30 PM

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

Last Date of Registration: 14.09.25

CERTIFICATES WILL BE PROVIDED TO ALL PARTICIPANTS

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



STUDENT COORDINATORS
Monika Yadav - 7905199463
Sadiya Zafar - 9838608758

Dr. Ravi Ram Kristipati (Nodal Scientist)- 9307449236

SCAN HERE FOR PAYMENT-



*Course fee is only for imparting training. Additionally, whenever 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 cancelled.
*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





Impedance Metrology

29th - 30th September, 2025

CSIR-NATIONAL PHYSICAL LABORATORY

Impedance metrology is essential to ensure precise and reliable measurements of complex electrical properties.



Who would benefit :

- ✓ Calibration and Testing Engineers
- Quality Assurance/Control Managers
- ✓ Research Scientists and Engineers
- ✓ Professionals from laboratory seeking or holding ISO/IEC 17025 accreditation

- Impedance Analyzer
- AC Resistance
- Capacitance
- Inductance
- LCR Meter
- AC Bridge

- Metrological Traceability
- Uncertainty Estimation
- Quality System
- ISO/IEC 17025
- Calibration
- Testing

Training Coordinator
Dr. Satish
satish.rfic@gmail.com
satish.nplindia@csir.res.in
+91 11 47091176, 8860564477

Registration Link:
<https://forms.gle/4XcYoTdujGZckqmRB>
<https://www.nplindia.in/index.php/skill-development>

Program Coordinator
Dr. Mukesh Jewariya
jewariya.mukesh@gmail.com
jewariyam.nplindia@csir.res.in
+91-11-47061669, 8588811541

Venue:
Room No-1, HRD Wing, CSIR-NPL
Dr. K. S. Krishnan Marg, New Delhi-110 012 India










ANNUAL SKILL TRAINING CALENDAR BY LABS

प्रयोगशालाओं द्वारा वार्षिक कौशल प्रशिक्षण कैलेंडर

CSIR NGRI ANNUAL SKILL TRAINING CALENDAR LINK:-
<https://www.ngri.res.in/cms/skill-development.php>

— Skill Development —

CSIR-National Geophysical Research Institute makes it a priority to implement "Skill India" mission of the Government of India and has initiated numbers of CSIR's Integrated Skill Initiative Training Programs for postgraduate un-employed youth in addition to the industry staffs and University/college faculties. The main aim of these courses is to create the high-quality skilled workforce relevant to current and emerging industry needs in the S&T sector through training/skilling in diverse areas at different National Skill Qualification Framework (NSQF).

Skill Development Training Program's	
Duration	Application Closing Date
Application Link	
1. Magnetotelluric Exploration for Earth Resources 	
22 nd - 26 th September, 2025	3 rd September, 2025 05:00 PM
2. Geophysical Methods for Mineral Exploration 	
6 th - 11 th October, 2025	5 th September, 2025 05:00 PM
3. Basics and Hands on training Using Non-Invasive Electrical and Electromagnetic geophysical exploration for groundwater Reserch (BHU-NEER) 	
6 th - 14 th November, 2025	5 th October, 2025 05:00 PM
4. Advanced Training Programme on Groundwater Quality 	
17 th - 28 th November, 2025	20 th October, 2025 05:00 PM
5. Seismological Data Analysis and Its Applications 	
8 th - 19 th December, 2025	7 th November, 2025 05:00 PM
6. Scalar and Vector Magnetic Signatures of shallow and deep surface features for resource exploration, navigation and geohazard 	
2 nd - 12 th January, 2026	1 st December, 2025 05:00 PM
7. Fossil Fuel and Climate History 	
19 th - 24 th January, 2026	19 th December, 2025 05:00 PM
8. Geosciences for Geothermal Energy 	
23 rd - 28 th February, 2026	23 rd January, 2026 05:00 PM
9. Numerical Modeling of Geotechnical Hazards 	
9 th - 15 th March, 2026	8 th February, 2026 05:00 PM

Please see the above given information brochures for updated fee, dates and other details.

Such courses will be announced on the website of CSIR-NGRI from time to time and online application forms will be made available. Selection will be made based on criteria of number of applications and resources available, background of applicants, history of earlier trainings attended, etc. details of which will be included in the respective advertisements.

For queries related to SKILL DEVELOPMENT- skills@ngri.res.in



CSIR-IIP SKILL DEVELOPMENT PROGRAMMES CALENDAR April 2025 to March 2026



Sl. No	SKILL DEVELOPMENT PROGRAM / DURATION/TENTATIVE DATES	STATUS / REMARKS
1.	Basic Skill Development Training on "Bitumen & Bituminous Binders: Properties and Testing Methods" (19-23 May 2025)	Completed successfully
2.	Basic Skill Development Training on "Analysis with Elemental Microscopic and Thermo-gravimetric tools" (16-27 June 2025)	Completed successfully
3.	Basic Skill Development Training on "Lantana Camara Biomass Pelletization" (July 10, 2025)	Completed successfully
4.	Basic Skill Development Training on "Testing of Petroleum Products" (July 28 to August 8, 2025)	Completed successfully
5.	Basic Skill Development Training on " Industrial Catalyst Preparation and Micro- Reactor Studies" (15-26 Sept., 2025)	Scheduled
6.	Basic Skill Development Training on "Glass Blowing" 10 weeks (October 6 to December 12, 2025)	Scheduled
7.	Basic Skill Development Training on "Spectroscopic Analytical Techniques IR-NMR" (6-17 October, 2025)	
8.	Basic Skill Development Training on "Industrial Aspects of Recombinant Biotechnology" (3 Wk-Nov., 2025)	
9.	Basic Skill Development Training on "Analysis using Chromatography & Mass Spectrometry" (2 Wk-January 2026)	
10.	Basic Skill Development Training on "Testing of Petroleum products " (2 Wk-January 2026)	
11.	Basic Skill Development Training on " Characterization of Bitumen" (2 Wk February 2026)	
12.	Basic Skill Development Training on "Analysis with Elemental, Microscopic and TG Tools" (2 Wk Feb 2026)	
13.	Basic Skill Development Training on "Hands on training on Bioreactors" (2 Wk - March 2026)	
14.	Basic Skill Development Training on "Advanced Skill Development training on EV's " (2 Wk - March 2026)	

PS: To conduct a Skill Development training program on topics related to hydrocarbon, a minimum enrollment of 10 to 15 participants is necessary. The finalization of training dates will be carried out in close coordination with the respective client organization.

FOR DETAILS PLEASE CONTACT:

Premchand N. (In-Charge Training) / Rajnish Bhatnagar
 CSIR-Indian Institute of Petroleum, Dr B.R. Ambedkar International Training Centre, Dehradun – 248005 Uttarakhand India
 Tel: 0135 2525952/951 Mob: 9481709862 ; 8218559825 Fax :0135-2660202 Email: premchand.nerusu@csir.res.in / rajnish@csir.res.in / www.iip.res.in



CSIR-National Chemical Laboratory,
Pune-411008



(Phase III)[FY 2025-26]

Tentative Annual Calendar 2025 - 2026.

Month	Name of the program	Tentative date
September	Chromatographic Techniques	01-09-2025 to 12-09-2025
October	Quality Control chemistry	06-10-2025 to 17-10-2025
	Polymer Characterization by DSC, TGA and GPC Spectrophotometer	06-10-2025 to 17-10-2025
November	Genome Sequencing (Oxford Nano pore Sequencing) and editing (CRISPR / Cas9 technology)	03-11-2025 to 14-11-2025
	Polymer characterization with GPC Techniques	24-11-2025 to 28-11-2025
December	Synthetic organic chemistry	01-12-2025 to 15-02-2026
	Chromatographic Techniques	08-12-2025 to 19-12-2025
January	Drug Polymorphism and Pharmaceutical Multicomponent Solids	05-01-2026 to 16-01-2026
February	Food Safety and Quality Assessment	02-02-2026 to 13-02-2026
March	Women's Day Special Batch HPLC AND LC-MS	1 st week of March
	Women's Day Special Batch on GPC Techniques	2 nd week of March
	Quality Control Chemist	2 nd week of March
	Chromatographic Techniques	Last week of march
April-May	New Battery Testing Course	April-May 2026
May-July	NMR Course	May-July 2026



CSIR Integrated Skill Initiative






CSIR-CMERI under CSIR Integrated Skill Initiative programme has been carrying out a large number of Skill/ Training programmes at various levels to train students, MSME artisans, working professionals from industries, NGOs and also small entrepreneurs. These skilling/training programmes, carefully designed considering the country's requirement of skilled workforce, are linked to employment generation including small scale techno-preneurship. Skill development programmes for the students, MSME sector are being organised without charging any fee keeping in view the institute's contribution towards the Scientific Social Responsibility.

CSIR-CMERI is accredited with three Sector Skill Councils (CGSSC, ASCI & SCGJ) with a total no. of four Job Roles.

CSIR-CMERI conducts Advanced Entrepreneurship and Skill Development Programmes (A-ESDP) in affiliation with Ministry of MSME, Govt. of India



CSIR - Central Mechanical Engineering Research Institute
M. G. Avenue, Durgapur - 713209

Skill Development Courses (SDP) in 2025-26		
SI	Course Title	Duration / Tentative Schedule
1	Entrepreneurship cum Skill Development programme on "Integrated Municipal Solid and Liquid Waste Management System"	23rd April to 2nd May, 2025
2	4 weeks' In-Plant Training in Precision Agriculture (CoEFM)	May-June 2025
3	Entrepreneurship cum Skill Development programme on "Integrated Municipal Solid and Liquid Waste Management System"	11th June to 13th June, 2025
4	Skill Development Programme on "Renewable Energy Systems"	July 28-30, 2025
5	Hands-on Training on Sanitation Equipments	August 2025
6	Integrated Municipal Solid and Liquid Waste Management System	August 2025
7	Condition Assessment of Civil Structures through NDT	September 2025
8	Estimate, Billing and Quality Checking of Civil Works	September 2025

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Skill Development Courses (SDP) in 2025-26		
SI	Course Title	Duration / Tentative Schedule
9	Industry focused hands on Workshop on Dimensional Measurement & Metrology	September 2025
10	Hands-on Training on Scientific Instrument usage for Performance Evaluation of Agricultural Machinery and Implements	September 2025
11	Liquid Waste Management	September 2025
12	Training Program on Sanitation Equipment Testing	October 2025
13	Integrated Municipal Solid and Liquid Waste Management System	October 2025
14	Electric 3-Wheeler Maintenance	October 2025
15	Hands on Workshop on Dimensional Measurement & Metrology	November 2025
16	Training program on IoT and Embedded System	November 2025

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Skill Development Courses (SDP) in 2025-26		
SI	Course Title	Duration / Tentative Schedule
17	CNC Turning, CNC EDM and CNC Wire EDM	November 2025
18	Understanding and Preparation of Manufacturing Drawing using CAD	December 2025
19	Estimate, Billing and Quality Checking of Civil Works	December 2025
20	Hands-on Training on Sanitation Equipments	December 2025
21	Integrated Municipal Solid and Liquid Waste Management System	January 2026
22	Hands-on Training on Scientific Instrument usage for Performance Evaluation of Agricultural Machinery and Implements	January 2026
23	Bio Energy, Farm Machinery Design and Engineering Practices	January 2026
24	CNC Turning, CNC EDM and CNC Wire EDM	February 2026

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Skill Development Courses (SDP) in 2025-26		
SI	Course Title	Duration / Tentative Schedule
25	CNC Turning, CNC EDM and CNC Wire EDM	November 2025
26	Training program on IoT and Embedded System	February 2026
26	In-Plant Training in Precision Agriculture (CoEFM)	February 2026
27	Electric 3-Wheeler Maintenance	February 2026
28	Skill Development Programme on "Renewable Energy Systems"	February 2026



Skill Development Programmes under CSIR Integrated Skill Initiative

CSIR-Institute of Minerals & Materials Technology, Bhubaneswar
Annual Planner FY 2025-2026



About CSIR Integrated Skill Initiative:

The Council of Scientific and Industrial Research (CSIR) is embarking upon the "Skill India" mission of the Government of India under its "CSIR Integrated Skill Initiative" Programme. Under this umbrella of Skill India, CSIR laboratories have taken up various skill training programs under different domains.

On 24th September 2016 Honorable Prime Minister Shri. Narendra Modi inaugurated the "CSIR Platinum Jubilee" Celebration. On this occasion, "CSIR Integrated Skill Initiative" programme has been launched on pan-India basis in all CSIR labs. The aim is to train people of India in all relevant skill areas. All these training programs are interconnected and linked to industry requirements and thus would invariably contribute to subsequent employment generation, including small-scale entrepreneurship.

About CSIR-IMMT:

CSIR-Institute of Minerals and Materials Technology (IMMT) was established on 13.04.1964 as Regional Research Laboratory, Bhubaneswar in the eastern part of India under the aegis of the Council of Scientific and Industrial Research (CSIR), New Delhi. It was renamed in 2007 with a renewed research focus and growth strategy to be a leader in the areas of mineral & material resource engineering. The institute has expertise in conducting basic research and technology oriented programs in a wide range of subjects to address the R&D problems of mining, mineral and metals industries and ensure their sustainable development. For the last one decade, the main thrust of R&D at CSIR-IMMT has been to empower Indian industries to meet the challenges of globalization by providing advanced and zero waste process know-how and consultancy services for commercial exploitation of natural resources through the public-private-partnership (PPP) approach. Today, CSIR-IMMT is the first choice for many mineral based industries. It is also carving out a niche in processing of advanced materials for greater value addition and working on resource use efficiency of critical raw materials.

Organisational Structure:



CSIR-IMMT Skill Development Programmes:

CSIR-IMMT conducts a variety of skill development and training programmes under the CSIR Integrated Skill Initiative, designed for industry, academia, research professionals, and society. Leveraging its expertise in basic research and technology-oriented programmes, the institute addresses the R&D challenges of the mining, mineral, and metals industries with a strong focus on sustainable development.

For FY 2025-26, a total of 63 short-term training and skill development programmes (ranging from 1 to 5 days) are planned in offline/online mode. These programmes will not only cover IMMT's core expertise in mining, minerals, and metals but also extend to a wide spectrum of cutting-edge and interdisciplinary areas such as machining and welding, electrical, electronics, instrumentation, information and communication technology, AI/ML, waste utilisation, metal craft, materials characterization techniques, societal technologies, environmental analysis, safety, and recycling of electrical and electronic items.

Each programme is designed with a blend of expert lectures, hands-on training, demonstrations, and practical sessions conducted in state-of-the-art laboratories by CSIR-IMMT scientists and invited specialists. With their short duration and focused content, these courses are well-suited for students, academicians, industry professionals, and entrepreneurs, while also offering flexibility through industry-sponsored and on-demand options.

Training Calendar 2025-26

Sl.No	Titles of Skilling Programs	Tentative month	Tentative Duration
1	Startup and IPR Conclave	September 2025	1 day
2	Demonstration and training on Natural Disinfectant Surface Cleaner Formulation	September 2025	1 day (12 th Sept, 2025)
3	Certificate Course In Advance Machining	October 2025	5 days
4	Foundation Course on Web Design	October 2025	5 days
5	Mechanical Characterization & Evaluation of Engineering Materials	October 2025	4 days
6	Melting, Casting and Defect Analysis of Brass, Bell Metal, and Dokra Artifacts	October 2025	5 days (13 th -17 th Oct, 2025)
7	Industrial Instrumentation: Practical Skills for Real-World Applications	October 2025	5 days
8	Arduino based programming and embedded system hardware development	October 2025	3 days
9	Innovation and IPR for Sustainable Development	October 2025	3 days
10	Hands-On Training in Bakery Making & Packaging	October 2025	2 days (28 th -29 th Oct, 2025)

11	Hands-On Training in Bakery Making & Packaging	October 2025	2 days (30 th -31 st , Oct, 2025)
12	The Art of Graphics Designing: Photoshop & CorelDraw Essentials	November 2025	5 days
13	AI-Air battery module design, fabrication, and electrochemical evaluation	November 2025	5 days
14	Semiconductor materials preparation or characterization	November 2025	1 day (11 th Nov, 2025)
15	LabVIEW Fundamentals and Advanced Techniques: A Practical Workshop	November 2025	5 days
16	Raspberry-pi based hardware development	November 2025	3 days
17	IP - MENTOR: Monitoring and Evaluation of New Technology and Offering Revenues through IP	November 2025	1 day
18	Techniques in Environmental Microbiology	November 2025	4 days (17 th -20 th Nov, 2025)
19	Hands on training for the manufacture of good quality ash bricks as per BIS	November 2025	1 day
20	Workshop on Advanced Electron Microscopy	November 2025	3 days
21	Preparation of SERS substrates for environmental monitoring	November 2025	2 days (24 th -25 th Nov, 2025)
22	Hands-On Training in Bakery Making & Packaging	November 2025	2 days (19 th -20 th , Nov, 2025)
23	Phytoremediation for sustainable environmental remediation	November 2025	2 days
24	Training in Earthenware & Terracotta Sintering	November 2025	2 days (17 th -18 th , Nov, 2025)
25	Hands-on Training on Workplace Safety and Risk Management	November 2025	3 days
26	Modern Plumbing Systems and Maintenance Skills	November 2025	3 days
27	Full-Stack PHP Development	December 2025	5 days
28	Melting, Casting, and Defect Analysis of Brass, Bell Metal, and Dokra Artifacts	December 2025	5 days (15 th -19 th Dec, 2025)
29	Matlab Programming for Scientific Computing	December 2025	5 days
30	Essentials of Patents	December 2025	3 days
31	Biophysical and Microbiological Techniques	December 2025	3 days
32	Biochar: Production, Characterisation and Application	December 2025	3 days
33	Skill development training on Advanced techniques of Materials Characterization	December 2025	2 days (8 th -9 th Dec, 2025)
34	Molecular Modeling Fundamentals and Applications in Materials and Minerals Sector	December 2025	2 days (8 th -9 th Dec, 2025)
35	Certificate Course in Advance Welding	January 2026	5 days
36	Comprehensive IT Support Training: Hardware, Networking and Maintenance	January 2026	5 days
37	Carpentry Training Program	January 2026	2 days
38	Non-destructive Evaluation & Failure Analysis	January 2026	4 days
39	Powder Metallurgy Processing and Characterization of Materials	January 2026	3 days
40	Nanomaterials for Energy and Environment	January 2026	3 days (7 th -9 th Jan, 2026)

41	Hands-On Training on Air Conditioning & Refrigeration: Installation, Maintenance & Troubleshooting	January 2026	5 days
42	Machine Learning using Python	January 2026	5 days
43	Biophysical techniques for metal-macromolecular interaction	January 2026	3 days (7 th -9 th Jan, 2026)
44	Strategies for Technological Advancement in Research - an IP Interface (STAR - IP)	January 2026	1 day
45	Environmental Impact Assessment	January 2026	3 days
46	Awareness cum training program on atmospheric pollution and its health impact	January 2026	3 days
47	Training in low-cost Drying Skills for local food items	January 2026	2 days (20 th -21 st , Jan, 2026)
48	Training in low-cost Drying Skills for local food items	January 2026	2 days (23 rd -24 th , Jan, 2026)
49	Hands-On Training on Electrical Wiring, Earthing and Stator Connections	January 2026	5 days
50	Hands-On Training on Solar System, Connection & Maintenance	February 2026	2 days
51	Core Cyber Security Concepts	February 2026	5 days
52	Melting, Casting, and Defect Analysis of Brass, Bell Metal, and Dokra Artifacts	February 2026	5 days (9 th -13 th Feb, 2026)
53	Value addition to Waste	February 2026	1 day
54	Preventive Maintenance & Troubleshooting of Thermal and Laboratory Equipment	February 2026	5 days
55	Machine Learning using Matlab	February 2026	5 days
56	Biochar: Production, Characterisation and Application	February 2026	3 days
57	Metallurgical methods for the Separation of metals	February 2026	5 days
58	Training in Earthenware & Terracotta Sintering	February 2026	2 days (3 rd -4 th Feb, 2026)
59	Principles and Practices of Mineral Processing: Focus on Iron Ore and Graphite Beneficiation	February 2026	5 days
60	Driving Skills for Road Safety, Smart Mobility, and Sustainable Transport	February 2026	3 days (11 th -13 th Feb, 2026)
61	Electrochemical processing of materials (Etching, Anodizing, Electroless plating and Electroplating)	March 2026	3 days
62	Patenting Strategies	March 2026	5 days
63	Training in Mineral Characterization and Beneficiation	March 2026	5 days

* New courses may be introduced for Academic Institutions, Government Departments, Industries and CSIR-IMMT as tailor-made programs for students, staff and sponsored participants.

Registration and programme details will be regularly updated at <https://www.immt.res.in/hrd-skill-development>

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CSIR-Indian Institute of Chemical Technology

(Council of Scientific and Industrial Research, New Delhi)
Uppal Road, Tarnaka, Hyderabad – 500007, Telangana



CSIR-Integrated Skill Initiative

Skill Development Training Calendar (FY 2025-2026)

Sl No	Program Title	Dates		Batch Size	Remarks
Additional Programs					
1.	Advanced Biocatalysts and Biotransformation– from Theory to Practice	05-05-2025	16-05-2025	20	Completed
2.	Phytochemical Techniques	04-08-2025	08-08-2025	47	Completed
3.	Basics of Machine Learning using Python	25-08-2025	01-09-2025	50	In Pipe line
4.	Training on Basic Chemical Operations and Instrumentation using Pro Simulation Software	September 2025		25	
Sanctioned Programs					
1.	Finishing School to Post Graduates in Chemistry	Jan –Mar 2026		50	
2.	Conventional Chromatographic and Spectral Analysis of Oil and Fats	10-11-2025	14-11-2025	20	
3.	Analytical Techniques for Food and Nutritional Chemistry	05-02-2026	10-02-2026	30	
4.	Animal Cell Culture Techniques	03-11-2025	12-12-2025	20	
5.	Novel Approaches for Peptide Synthesis	Feb 2026		20	
6.	Synthetic Organic Chemistry Training to PG Students	Sep 2025	Mar 2026	20	
7.	Certificate Course in Basic Bioinformatics and Cheminformatics	08-12-2025	19-12-2025	30	
8.	Organic Coatings and Paints	14-10-2025	16-10-2025	20	
9.	Converting idea into IP	10-11-2025	14-11-2025	20	
10.	Advanced Analytical Techniques-Hands on Training	17-11-2025	05-12-2025	20	
11.	Powder XRD – Hands on Training	17-11-2025	05-12-2025	20	
12.	Pheromone Application Technologies	Sep 2025	Mar 2026	20	
13.	CRISPR/Cas9 Mediated Gene Knockout in Cell lines	15-12-2025	29-12-2025	20	
Total				452	Proposal 310 + 142

CSIR-INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY
(Under Ministry of Science & Technology, Govt. of India)
Tarnaka, Uppal Road, Hyderabad – 500007, Telangana, India

SKILL DEVELOPMENT TRAINING PROGRAMS (2025-26)
Under CSIR - Integrated Skill Initiative

Skill India
कौशल भारत - कुशल भारत

The SKILL INDIA Program at CSIR-IICT aims to create opportunities, space & scope for development of talents in the Indian Youth in the sectors which provide Employment and Entrepreneurial skills. The idea is to raise confidence, improve productivity, provide direction with a balanced growth.

List of Trainings

- Advanced Biocatalysis & Biotransformations from Theory to Practice (2 Weeks)
- Phytochemical Techniques (5 days)
- Finishing School to Post Graduates in Chemistry (12 Weeks)
- Basic Bioinformatics and Cheminformatics Course (4 Weeks)
- Animal Cell Culture Techniques (6 Weeks)
- Analytical Techniques in Food & Nutritional Chemistry (2 Weeks)
- Conventional Chromatographic & Spectral Analysis of Oils & Fats (3 Days)
- Synthetic Organic Chemistry to PG Students (4 Weeks)
- Novel Approaches for Peptide Synthesis (1 Week)
- Pheromone Application Technologies (1 Week)
- CRISPR/Cas9 Mediated Gene Knockout in Cell lines (2 Weeks)
- Organic Coatings and Paints (1 Week)
- Advanced Analytical Techniques-Hands on Training (2 Weeks)
- Converting idea into IP (1 Week)

Training Features

- ✓ Personal attention during Hands-on sessions
- ✓ Rigorous Training on advanced topics by means of Theory & Experimentation
- ✓ Exposure to Research areas of the Institute
- ✓ Evaluation of knowledge gained by assignments
- ✓ Course completion CERTIFICATE to all the trainees

Nodal Officer- Skill Development
CSIR-Indian Institute of Chemical Technology, Tarnaka-Uppal Road,
Hyderabad – 500 007, Telangana, India

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NEWS CLIPPINGS

न्यूज़ क्लिपिंग

Basic Training on Shiitake Mushroom Cultivation

Posted On: 06 SEP 2025 1:36PM by PIB Kohima

Women's Studies Centre and the Department of Education, Nagaland University, Kohima Campus, organised a one-day basic training on Shiitake mushroom cultivation on September 2, 2025 in collaboration with Konger Agritech, Nagaland, to equip and enhance practical skills and employability through hands-on training and interactive sessions. The training was part of the university's ongoing skills development initiative for integrating practical and sustainable skills into higher education.

The inaugural session was chaired by a research scholar, Ms. Sharon Kikon, followed by a warm welcome address by Dr. Khotele Khierya, Director, Women's Studies Centre. Prof. Jano S. Liegie, Dean of the School of Humanities and Education, was the special guest of the session. Prof. Liegie emphasised the importance of creating opportunities and diversifying careers by stepping out of the comfort zone and actively learning essential skills that increase employability and contribute to overall personal fulfilment and societal progress at large. The founder director of Konger Agritech, Dr. Sosang Longkumer, delivered insightful information on mushroom cultivation and its benefits, as well as its potential for both marketing and home-based ventures. Dr. Longkumer outlined different types of mushrooms, focusing on the most common varieties such as Oyster, Shiitake and Button mushrooms along with their medicinal and nutritional benefits. A detailed step-by-step process of cultivating mushrooms was also highlighted. Dr. Longkumer also stressed the importance of maintaining an ideal environment, including temperature, sunlight and hygiene, for flourishing mushroom growth. Economic advantages and practical business ideas of mushroom farming were also suggested to encourage the aspiring scholars and faculty members. The speaker concluded his session with an interactive Q&A addressing various challenges and doubts about mushroom cultivation. The programme was attended by research scholars, faculty members and non-teaching staff from various departments in Kohima Campus. The inaugural session ended with a vote of thanks by Ms. Pookrenshaklini Newma, Research Scholar.

The practical session was also led by Dr. Sosang Longkumer, who demonstrated the practical steps of cultivating shiitake mushrooms. During the session, he described the kinds of logs that can be used for shiitake mushrooms, the importance of drilling holes into logs, inoculation of mushroom spores, the incubation period, colonisation and fruiting. Overall, it was an informative and inspiring workshop with valuable insights. Feedbacks from the participants were overwhelmingly positive.



आधुनिक शोध व विश्वसनीय निष्कर्ष के लिए सांख्यिकीय विश्लेषण अनिवार्य

सिंफर में दो दिवसीय सांख्यिकीय विश्लेषण प्रशिक्षण कार्यक्रम का समापन

संवाददाता, धनबाद

सिंफर में आयोजित सांख्यिकीय विश्लेषण विद्य एएसआईआरटीएटी व सिग्मालॉट सॉफ्टवेयर विषय पर दो दिवसीय प्रशिक्षण कार्यक्रम का समापन मंगलवार को हुआ. निदेशक प्रो अरविंद कुमार मिश्रा ने कहा कि आज के समय में गुणवत्तापूर्ण शोध व विश्वसनीय निष्कर्षों के लिए सांख्यिकीय विश्लेषण अत्यंत महत्वपूर्ण है. ऐसे प्रशिक्षण कार्यक्रम महत्वपूर्ण हैं. ऐसे प्रशिक्षण कार्यक्रम वरिष्ठ तकनीकी अधिकारी डॉ जेके सिंह व जी सुरेश (वरिष्ठ तकनीकी अधिकारी और कौशल नोडल अधिकारी) ने प्रतिभागियों का मार्गदर्शन किया. प्रशिक्षण में 60 प्रतिभागियों ने डेटा हैंडलिंग, परिणामों की व्याख्या और निष्कर्ष निकालने की उन्नत तकनीकें सीखीं. कार्यक्रम के समापन पर सभी को प्रमाणपत्र देकर सम्मानित किया गया.

सिंफर में सांख्यिकीय विश्लेषण पर प्रशिक्षण

धनबाद | सीएसआईआर-सिंफर, डेटा विश्लेषण उपकरण और विधियों से सशक्त बनें। कार्यक्रम में व्यावहारिक प्रशिक्षण कार्यक्रम शामिल 60 प्रतिभागियों में प्रधान मंगलवार को संपन्न हुआ। इसमें सिस्टेट व सिग्मालॉट सॉफ्टवेयर का उपयोग कर सांख्यिकीय विश्लेषण करने पर प्रशिक्षण दिया गया। उद्देश्य सांख्यिकीय विश्लेषण कौशल को बढ़ाना था। निदेशक प्रो अरविंद कुमार मिश्रा कहा कि उन्नत सांख्यिकीय विश्लेषण अमरनाथ, मुख्य वैज्ञानिक दिलीप कुम्भकार, जेके सिंह, गुगुलोथ सुरेश आदि मौजूद थे।

सिंफर कर्मी डाटा हैंडलिंग और परिणामों की करेंगे व्याख्या

सिंफर में आयोजित प्रशिक्षण शिविर में मौजूद निदेशक व अन्य • जागरण

जासं, धनबाद : केंद्रीय खनन एवं ईंधन अनुसंधान संस्थान सिंफर के कर्मचारी अब सिस्टेट और सिग्मालॉट साफ्टवेयर का उपयोग कर डाटा हैंडलिंग, परिणामों की करेंगे। इसे लेकर संस्थान परिसर में दो दिवसीय प्रशिक्षण का आयोजन किया गया।

व्यावहारिक प्रशिक्षण के दौरान साफ्टवेयर का उपयोग करके डेटा हैंडलिंग, परिणामों की व्याख्या और अपने पेशेवर कार्यों को करने योग्य सार्थक निष्कर्ष निकालने का व्यावहारिक अनुभव प्राप्त किया। कार्यक्रम का समापन सभी प्रतिभागियों को प्रशिक्षण पूरा करने और सक्रिय भागीदारी के लिए प्रमाण पत्र वितरित करके किया गया। कार्यक्रम का आयोजन एचआरडी प्रशिक्षण टीम के समर्पित सहयोग के साथ किया गया और इसमें प्रतिभागियों की उत्साही भागीदारी रही, जो अपने कौशल को बढ़ाने के लिए प्रसन्न थे।

60 प्रतिभागियों ने कार्यक्रम में लिया हिस्सा

निदेशक प्रो. अरविंद कुमार मिश्रा ने कहा कि आयोजन का उद्देश्य प्रतिभागियों को उन्नत डाटा विश्लेषण उपकरण और विधियों से सशक्त बनाना है।

संचालन मुख्य विज्ञानी और समन्वयक अमरनाथ ने किया। मुख्य विज्ञानी व मानव संसाधन विभाग प्रमुख दिलीप कुम्भकर, जेके सिंह, गुगुलोथ सुरेश समेत 60 प्रतिभागियों ने भाग लिया।

सिंफर में सांख्यिकीय विश्लेषण पर दो दिवसीय कौशल विकास कार्यक्रम का हुआ सफल आयोजन

जासं, धनबाद

सिंफर में आयोजित सांख्यिकीय विश्लेषण कार्यक्रम सफल आयोजन हुआ। यह कार्यक्रम विशेष रूप से सिंफर के आंतरिक प्रतिभागियों के लिए आयोजित किया गया था, जिसका उद्देश्य व्यापक तकनीकी सत्रों और व्यावहारिक प्रस्तुतियों के माध्यम से उनके सांख्यिकीय विश्लेषण कौशल को बढ़ाना था। कार्यक्रम का उद्घाटन निदेशक प्रो. अरविंद कुमार मिश्रा ने किया, जिन्होंने प्रतिभागियों का स्वागत किया और आधिकारिक रूप से प्रशिक्षण सत्रों को शुरूआत की। उनके मार्गदर्शन और प्रोत्साहन के तहत प्रशिक्षण

युचारू रूप से आगे बढ़ा, जिसमें प्रतिभागियों को उन्नत डेटा विश्लेषण उपकरण और विधियों से सशक्त बनाने पर ध्यान केंद्रित किया गया। कार्यक्रम का संचालन श अमरनाथ, मुख्य वैज्ञानिक और समन्वयक (कौशल और जिव-सा), दिलीप कुम्भकार, मुख्य वैज्ञानिक और प्रमुख एचआरडी साथ ही जेके सिंह और गुगुलोथ सुरेश, चरिष्ठ तकनीकी अधिकारी और कौशल नोडल अधिकारी के मार्गदर्शन में किया गया। उनके मूल्यवान सुझाव और निरंतर सहयोग कार्यक्रम को सफलता में महत्वपूर्ण योगदान देने वाले थे। कार्यक्रम में कुल 60 प्रतिभागियों ने भाग लिया, जिसमें प्रधान वैज्ञानिक, तकनीकी अधिकारी, तकनीकी सहायक,

शोध छात्र, परियोजना कर्मचारी और प्रशिक्षु शामिल थे, जिन्होंने सभी सत्रों में सक्रिय भागीदारी की। इन दो दिनों में प्रतिभागियों ने सिस्टेट और सिग्मालॉट सॉफ्टवेयर का उपयोग करके डेटा हैंडलिंग, परिणामों की व्याख्या और अपने पेशेवर कार्यों में लागू करने योग्य सार्थक निष्कर्ष निकालने का व्यावहारिक अनुभव प्राप्त किया। कार्यक्रम का समापन सभी प्रतिभागियों को प्रशिक्षण पूरा करने और सक्रिय भागीदारी के लिए प्रमाण पत्र वितरित करके किया गया। कार्यक्रम का आयोजन एचआरडी प्रशिक्षण टीम के समर्पित सहयोग के साथ किया गया और इसमें प्रतिभागियों की उत्साही भागीदारी रही, जो अपने कौशल को बढ़ाने के लिए प्रसन्न थे।

NEWS CLIPPINGS

न्यूज़ क्लिपिंग

APSSDC, Cisco to strengthen AP's skill ecosystem

- APSSDC, in collaboration with Cisco Networking Academy, is conducting a five-day faculty development programme on cybersecurity and networking at Vasireddy Venkatadri Technological University.
- The FDP is part of a broader initiative to provide 50,000 students in Andhra Pradesh with access to advanced digital skills training.
- The programme aims to equip educators with industry-ready expertise, enabling them to mentor students for high-demand careers in IT and cybersecurity.



Ishvinder Singh, Cisco Networking Academy Lead for India and Saarc addressing the faculty development programme at VVIT University in Guntur district on Monday.

Academy, has launched a five-day faculty development programme (FDP) on cybersecurity and networking essentials. Conducted at Vasireddy Venkatadri Technological University (VVITU) in Nambur, the programme aims to equip faculty with industry-ready expertise, bolstering the state's future digital workforce.

The FDP, which runs from Monday to Friday, builds on a memorandum of understanding (MoU) signed between Cisco and APSSDC on March 25. This state-wide initiative is designed to provide 50,000 students in higher education and vocational courses with access to advanced digital skills training. By focusing on educators, the FDP aims to create a ripple effect, enabling them to mentor students for high-demand careers in IT

and cybersecurity. "Cybersecurity is no longer a niche — it is a necessity," said Ishvinder Singh, Cisco Networking Academy Lead for India and SAARC, who inaugurated the programme. "Strengthening educators' knowledge empowers thousands of students, shaping India's digital future." He also noted recent discussions with Chief Minister Nara Chandrababu Naidu and Minister for HRD Nara Lokesh about making the state a hub for digital inclusion and expanding the pool of cybersecurity professionals.

G Anil Kumar, executive director of APSSDC, highlighted the strategic importance of the collaboration. The inauguration was also attended by Kishore Kumar, general manager of APSSDC, and Naveen, director of VVIT University.

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TADIPALLI

THE Andhra Pradesh State Skill Development Corporation (APSSDC), in collaboration with Cisco Networking

कौशल विकास जागरूकता कार्यशाला का आयोजन



सैक्टर-19 स्थित इंजीनियरिंग भवन में आयोजित कार्यक्रम में हिस्सा लेते हुए सदस्य। (परमजीत)

चंडीगढ़ 1 सितम्बर (आशीष): सैक्टर-19 स्थित इंजीनियरिंग भवन में पंजाब सरकार के उच्च शिक्षा विभाग की प्रशासनिक सचिव अर्निदिता मित्रा के निर्देशों और जगत गुरु नानक देव पंजाब राज्य मुक्त विश्वविद्यालय पटियाला के कुलपति प्रो. (डॉ.) रतन सिंह के मार्गदर्शन में एस.सी.ई.आर.टी. स्कूल शिक्षा विभाग पंजाब के सहयोग से राज्य स्तरीय जागरूकता कार्यशाला का आयोजन किया गया।

कार्यक्रम में एस.सी.ई.आर.टी. की निदेशक किरण शर्मा और एस.सी.ई.आर.टी. स्कूल शिक्षा विभाग

प्रो. रतन सिंह कौशल आधारित शिक्षा के महत्त्व पर जोर दिया। पंजाब स्कूल शिक्षा विभाग के सहायक राज्य प्रोजेक्ट डायरेक्टर प्रदीप छाबड़ा ने कहा कि पढ़ाई के साथ बच्चों के कौशल विकास पर ध्यान देना जरूरी है। निदेशक किरण शर्मा ने कहा है कि शिक्षा प्रणाली में कौशल विकास को शामिल करना समय की मांग है। जे.जी.एन.डी. पी.एस.ओ.यू. के रजिस्ट्रार, प्रो. बलजीत सिंह खैरा ने विश्वविद्यालय के विजन और मिशन पर प्रकाश डाला। योजना प्रकोष्ठ के प्रमुख डॉ.

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