



IMAGES: Various Skill Development Training Programs at different CSIR Labs.

Editorial Team

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SKILLING/UPSKILLING TRAINING PROGRAMS BY CSIR

सीएसआईआर द्वारा स्किलिंग/अपस्किलिंग प्रशिक्षण कार्यक्रम

CSIR-CECRI, Karaikudi organized a Three-Day Skill Development Program on Additive Manufacturing: A Technology of Rapid Customization during November 15-17, 2023.



CSIR NIIST, conducted a skill training program on "Hands on training of IR, UV-Vis & Fluorescence Spectroscopic Techniques" from 01 to 15 November 2023.



CSIR Skill Initiative program on "Fermentation Technology" was held on 17th Nov. 2023 at CSIR-CSMCRI, Bhavnagar, Gujarat.



CSIR-CECRI, Karaikudi organized a Five-Day Skill Development Program on ECPS: Lithium-ion battery - Science and Technology during November 20-24, 2023.



CSIR-NPL organized a training program on "Mass, Volume, Density, Viscosity and Metrology" during 21-23 Nov. 2023.



CSIR-NPL has organized Skill Development Training Program (STP-14) on "Temperature and Humidity Metrology and applications to Healthcare and Agricultural grains and cereals" from 01 to 03 November 2023.



CSIR-CIMAP organized a "Practical Aspects of Liquid Chromatographic Techniques" (PALCT-2023) during 20-24 Nov. 2023.

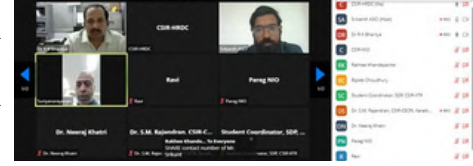


- [CSIR-Central Building Research Institute has organized a five-day Program on "Training of Master Trainers for Masons" during November 20-24, 2023.](#)
- [CSIR-CSIO, inaugurated a five-day workshop on "Artificial Intelligence and Computational Imaging in Healthcare" Program in Hybrid mode on 20/11/23.](#)
- [CSIR-NEERI, organized a Program on "Acquiring Environmental Engineering Skill - Monitoring, Measurement and Analysis" during November 23-24, 2023, 2023 at Mumbai Zonal Centre \(MZC\).](#)
- [A training program on "Marine Algae Cultivation and Processing Technology" was organized at CSIR-CSMCRI during "3rd Janjatiya Gaurav Divas 2023" celebrations held from 23rd Nov 2023 to 24th Nov 2023.](#)
- [CSIR-CGCR, organized a four-day program on "Classical and Advanced Instrumental Analysis of Glass, Ceramics and Allied raw materials" from 21st-24th November 2023.](#)
- [CSIR-CEERI, organized a one-day Scientific Workshop on 29th Nov. 2023.](#)
- [CSIR-CGCR, organized a One-Day Workshop on November 17, 2023. The major focus of the program was to demonstrate various important aspects of ceramic membrane, pottery-making processes, classical and advanced chemical analysis methods.](#)
- [CSIR-CMERI, organized Program on "Analytical Techniques and Instrumentation for Water Quality Assessment" from 29th Nov-1st Dec 2023.](#)

CSIR-IITR, organized a workshop on "Comet Assay Program" on 21st Nov 2023.



- » LSSSDC Team (Life Sciences SSC) visited HRDC on 21st Nov 2023. They briefed on WorldSkills Competition 2024 scheduled at Lyon, France in September 2024 and requested CSIR to actively participate in providing preliminary trainings and assessment of contestants for the skills related to Chemical Lab Technology. The team also discussed progress on course modules development work by some of the Labs and proposed Umbrella MOU to be signed between LSSSDC and HRDC (on behalf of CSIR Labs)
- » A virtual meeting between Agriculture Skill Council of India (ASCI) & CSIR Labs working in agriculture & related sectors was organized by HRDC on 24th Nov 2023. Seven labs joined in the meeting. After a briefing by Dr. Satender Singh Arya CEO (ASCI), the nodal officers updated status of the programs & raised issues related to affiliation. ASCI assured to address the issues on priority.



GENERAL EVENTS

सामान्य आयोजन

- » Hon'ble President of India Inaugurates L&T Skill Training Hub in Odisha's Mayurbhanj
- » Amazon India Signs MoU With AICTE To Promote Inclusive Skill Development And Empowerment Of Women Tech Students Under Amazon's WoW (Women Of The World) Initiative
- » IIM Jammu, SIDBI to launch two batches of 'skill to enterprise module' for youth of J&K and Ladakh
- » Skill training stitching broken lives in Manipur
- » Government's 'Skills on Wheels' Initiative for Rural Empowerment
- » SKUAST-K kick starts 6-week skill training on vegetable seed production
- » Anna University launches short-term skill development courses
- » Indian Gen Z spend 73% more time learning AI skills than other generations
- » Functional skills like testing, ERP in demand amid muted IT hiring
- » Centre For Skill Development And Career Planning, Aligarh Muslim University Organized An Orientation Programme On "Importance Of Entrepreneurial Skills And Development
- » HCCB and Kaushalya University Team Up for Retail Skills Training in Gujarat
- » ASAP Kerala partners with German firm to provide jobs for skilled youth
- » How cultivating critical thinking skills in K-12 education necessary for development of entrepreneurial spirit
- » Union Minister Dharmendra Pradhan lays foundation stone for National Skill Training Institutes Plus in Odisha
- » India needs to quickly skill and train millions of youth in jobs of the future, says Ketan Deshpande, CEO, FUEL
- » A.M. Jain College Collaborates With Tamil Nadu Apex Skill Development Corporation (TNASDC) For BFSI Skill Development Courses
- » AP Embarks on Unprecedented Skill Cascading Ecosystem to Foster Job-Ready Youth
- » Education 5.0 can address skill growth needed in evolving job market
- » NUA Odisha's Steering Committee Charts Course For District-Level Skill Revolution
- » Skill India joins hands with Indian Armed Force for Resettlement Training Programme for enhancing employability of Ex-serviceman Personnel
- » ITI Rajouri providing skill training in Fashion and Technology to boost employment
- » Empowering tomorrow's workforce: fostering the growth of future generations
- » Surge in Big Data and Analytics job market demands industry-aligned curriculum for futuristic skill development

» iAccel GBI collaborates with Accredia to boost skill development

» UK to Establish Intelligent Mobility Skill Centre in West Bengal



UPCOMING EVENTS

आगामी आयोजन



CSIR-IHBT has prepared a Training Manual for Skill Development Program on GARDNER under CSIR-Integrated Skill Initiative



CSIR-IHBT has prepared a Training Manual for Skill Development Program on GARDNER under CSIR-Integrated Skill Initiative

ANALYTICAL CHEMISTRY & INSTRUMENTATION TECHNIQUES

OBJECTIVES

- To impart the knowledge of the students to use the analytical instrument working in the fields of chemical, environmental, food, pharmaceutical, and biochemical analysis.
- To impart the knowledge of the students to use the analytical instrument working in the fields of chemical, environmental, food, pharmaceutical, and biochemical analysis.

TOPICS TO BE COVERED

- Theoretical Basis of Analytical Chemistry, Instrumentation Techniques, Wet Lab Training, Instrumentation, Quality Control, Quality Assurance.

JOB OPPORTUNITIES/BENEFITS

National Institutes, Universities, Chemical and Pharmaceutical Industries, Analytical Instrumentation Manufacturers.

COURSE COORDINATORS

Dr. Sumit K. Prasad, Director, Course coordinator
Dr. Praveen K. Verma, Senior Scientist, Course coordinator
Dr. Manoj K. Singh, Senior Scientist, Course coordinator

COURSE FEE Rs. 10,000/-
NO. OF SEATS 10

MODE	COURSE DATE AND DURATION	ACCOUNT DETAILS
Office	17 January 2024 1 Month	The Director, CSIR-IHBT Physical Research Laboratory (IIR)
CONTACT	www.iitrr.res.in	Account No. 02847123456 BIC Code: SBND0003303 Bank: State Bank of India (SBI) Address: Pappanagwade, Industrial Estate

Advanced Course on Wind Loads and Effects on Structures (WILES - 2023)

13-15 December 2023

Topics covered:

- Introduction to wind engineering
- Background of basic and design wind speeds given in IS 875 (Part 3)
- Structural dynamics
- Bluff body aerodynamics
- Computational Fluid Dynamics (CFD)
- Dynamic effects of wind on buildings and structures
- Wind loads and their effects on chimneys including interference effects, and turbine support structures, tall buildings including interference effects, long span bridges, low-rise industrial structures, natural draught cooling towers

For more details:

Venue: CSIR-SERC Chennai

Course Coordinators: Shri G. Ramesh Babu / Dr. M. Keerthana
CSIR-Central Engineering Research Institute

Registration Fee: 4000/-
Includes: 5 days of training, accommodation, and meals.

Synthesis and in vitro Toxicity Evaluation of Silver Nanoparticles

Skill India Alim-e-ustad program

CSIR - Integrated Skill Initiative Workshop on

18th - 19th DEC 2023
10 AM - 5:00 PM

VENUE: CSIR-IHBT B.L. MARE

Last Date for registration: 14/12/2023

Learn with us -

- Skills in the wet chemical approach of synthesizing nanoparticles
- Hands-on training on synthesizing silver nanoparticles
- Protocols for synthesizing silver nanoparticles with cationic and anionic capping
- Introduction to maximum cell culture and in vitro assays for toxicity evaluation
- Evaluation of toxicity of silver nanoparticles via RTT/MTS/MTT assays

Course Coordinators: Dr. Raju Gopal Sharma

REGISTRATION NOW

Eligibility Criteria:

- B.Sc./M.Sc./Ph.D. in B.Tech/B.E. degree in life Sciences & related Sciences
- E-Certificate will be provided to all participants

Registration Fee: 4000/-

CALL FOR PARTICIPATION

MSME - ADVANCED ENTREPRENEURSHIP AND SKILL DEVELOPMENT PROGRAMME (E-SDP)

ADVANCED CAD/CAE FOR AGRI-MACHINERY DESIGN

DECEMBER 4-8, 2023
Venue: CoFeM, Gill Road, Ludhiana

Who Can Apply

- Existing startups / Budding entrepreneurs
- MSME representatives / Govt officials
- Agriculture Engineers / MSA Graduates / Post Graduate Students

<https://forms.ajesh321.in/qvKMrL2msR5>

Application Guidelines:

- No Registration fee
- Seats are limited to 20
- Free Boarding and Lodging to the selected candidates
- Interested candidates apply online
- Last date for application: 26.11.2023.

Mr. Jagdish M
Technical Co-ordinator, ESDP
Email: ajm@csir-cmeri.res.in, Mob: 09478550361

CSIR - CMERI
Centre of Excellence for Farm Machinery, Gill Road, Ludhiana

CSIR - Central Electronics Engineering Research Institute is organising SDP on THz Spectroscopy & Imaging (Hands-on session) at CSIR-CEERI, Chennai Centre from 08-12 January 2024

REGISTRATION FEE: 5000/-
Includes: 5 days of training, accommodation, and meals.

COURSE HIGHLIGHTS

- An introduction to various THz spectroscopy and imaging techniques along with their hands-on exposure to the relevant THz systems.
- Application oriented case studies demonstration.

Registration Starts: 16 November 2023
Registration Ends: 29 December 2023

WHO CAN BENEFIT: WORKING PROFESSIONALS, FACULTIES, RESEARCH SCHOLARS, POSTGRADUATE STUDENTS

A UNIQUE BLEND OF PROFOUND THEORETICAL LECTURES FOLLOWED BY HANDS ON SESSIONS AND EXPOSURE TO PRACTICAL PROBLEMS

NEWS CLIPPINGS

न्यूज़ क्लिपिंग

लिथियम-कोबाल्ट भविष्य के अहम ऊर्जा स्रोत : महानिदेशक जीएसआई

देश में सड़क परिवहन के विकास को बढ़ावा देने के लिए लिथियम-कोबाल्ट के अहम भूमिका पर जोर देते हैं

भारत के लिए नई ऊर्जा स्रोतों का निर्माण करने के लिए लिथियम-कोबाल्ट के अहम भूमिका पर जोर देते हैं महानिदेशक जीएसआई। उन्होंने कहा कि लिथियम-कोबाल्ट के अहम भूमिका पर जोर देते हैं।

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NEERI, IHBT devp tech to get rid of human waste on Himalayas

Bacteria that survive low temperature to be used for sewage treatment

Nagpur: Nagpur-based National Environmental Engineering Research Institute (NEERI) and the Langar's (IHBAT) Bioremediation Technology Centre have jointly come up with an innovative solution to tackle the problem of human waste on the Himalayas peaks that threaten to seep into streams of drinking water below.

UPHAR plans the development of both bacteria extracts and will be extremely difficult as well as the very low temperatures prevailing there. Hence management of human waste, both solid and liquid, is a big problem in many parts of the Himalayas. The CSIR-NEERI and CSIR-IHBT have developed technology for better management of human waste. They have developed 'Bio-matrix' using a combination of bacteria that survive and act on the waste at low temperatures. This bio-matrix is used to decompose and treat the waste before it is discharged into the environment.

NEERI and IHBT have jointly developed a novel technology that can be used to treat human waste in high altitude regions. The technology uses a combination of bacteria that survive and act on the waste at low temperatures. This bio-matrix is used to decompose and treat the waste before it is discharged into the environment.

मछुआरों को सशक्त बनाने हेतु सीएसएमसीआरआई ने शुरू की समुद्रीशैवाल कृषि परियोजना

भारत सरकार के मन्व्यपालन, पर्यटन और डेवर विभाग, मन्व्यपालन विभाग द्वारा शुरू की गई समुद्री शैवाल कृषि परियोजना (सीएसएमसीआरआई), भारत में भारत-पाक सीमा के पास कच्छ के कोची तट पर समुद्री शैवाल की कृषि की पूर्ण-व्यावहारिक की जांच शुरू की है।

समुद्री शैवाल कृषि परियोजना का उद्देश्य समुद्री शैवाल को भोजन के लिए उपयोग करने के लिए है। इस परियोजना के माध्यम से समुद्री शैवाल को भोजन के लिए उपयोग करने के लिए है।

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क्रिटिकल खनिजों का निष्कर्षण प्रौद्योगिकी विकसित करे सिफर

देश में मिलने वाली लिथियम के बड़े खनिज खान तटीय क्षेत्रों को तो पम्पआउट जल

सिफर के 77वें स्थापना दिवस समारोह में जीएसआई के डीजी जे.पी. जीएसआई सिफर सगा हॉलिंग व सिनल नौका के लिए कर रहा काम क्रिटिकल खनिजों का निष्कर्षण प्रौद्योगिकी विकसित करे सिफर

देश में मिलने वाली लिथियम के बड़े खनिज खान तटीय क्षेत्रों को तो पम्पआउट जल

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8th National Ayurveda Day celebrated at CSIR-NEERI

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), in association with Regional Ayurveda Research Institute (RARI), Nagpur celebrated 8th National Ayurveda Day to address the potential of ayurveda in promoting wellbeing of not only human beings but also environment.

An exhibition of plants and trees of ayurvedic importance was organised at the premises of Neeri hospital on this occasion, which was inaugurated by Dr Atul Vaidya, Director CSIR-NEERI. In the main event held, Dr Milind Suryawanshi, assistant director, RARI, briefed about the importance of ayurveda, activities and facilities being provided by RARI. This was followed by a lecture on 'Ayurveda-for One Health', delivered by Dr UR Sekhar Namburi, research officer RARI, Nagpur, in alignment with the theme of the National Ayurveda Day 2023.

CSIR-CECRI**CSIR-NPL****CSIR-NEERI****CSIR NIIST****CSIR-CSIO****CSIR-CEERI****CSIR-IITR****CSIR-CGCRI -P2****CSIR-CGCRI -P1****CSIR-CBRI****CSIR-CMERI****CSIR-CIMAP****PALCT-2023: Day-1****DAY-2 HPLC & Flash Chromatography****DAY-2 HPLC & Flash Chromatography**

Dear Dr Vinay Kumar

It was with great pleasure that I received and leafed through the brochure on the "CSIR Integrated Skill Initiative" and I must commend you and the team for your excellent efforts in compiling such a comprehensive and informative document. The brochure not only demonstrates the dedication and expertise of the individuals involved, but also reflects the CSIR's commitment to promoting skills development and innovation.

The "CSIR Integrated Skill Initiative" programme is undoubtedly an important contribution to empowering individuals with the skills needed in today's dynamic landscape. The content of the brochure effectively communicates the objectives of the programme and the valuable impact it intends to make.

I congratulate and appreciate you for your dedication and hard work in bringing this initiative to fruition. I look forward to the positive results and success stories that this commendable program will undoubtedly produce.

I wish the "CSIR Integrated Skill Initiative" continued success

Sincerely,

Sanjay Kumar

Dr. SANJAY KUMAR

CHAIRMAN

Agricultural Scientists Recruitment Board

I regular read "CSIR Skill Bulletin". My good wishes to entire team.

Mahender Singh

SSB Unit

CSIR Complex , New Delhi

USEFUL LINKS

उपयोगी लिंक्स

<https://www.csir.res.in/csir-labs-units>

<https://msde.gov.in>

<https://nsdcindia.org>

<https://ncvet.gov.in>

<https://www.education.gov.in>

<https://www.nqr.gov.in>

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(CSIR Integrated Skill Initiative)