सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

News Bulletin
16 To 30 April 2026

CSIR in Media

Compiled by Science Communication and Dissemination Directorate (SCDD), CSIR Hqrs, Anusandhan Bhawan, New Delhi

ASI to hold meet on aerospace research

CSIR 16th April, 2026

The Aeronautical Society of India (ASI) is all set to conduct a national conference on 'Changing Scenario in Aerospace: R&D, Manufacturing and Certification' at the Engineering Staff College of India, Gachibowli, on April 17 and 18, 2026, along with its 74th annual general body meeting.

The two-day event will see ISRO chairman Dr V Narayanan deliver the Prof Satish Dhawan Memorial Lecture on Day 2 of the conference that will bring together academicians, researchers, industry leaders, policymakers and students to discuss advances in aerospace research, modern manufacturing and certification systems.

Telangana IT and industries minister D Sridhar Babu will be the chief guest for the event, while NITI Aayog member Dr VK Saraswat and CSIR director general Dr N Kalaiselvi will be the guests of honour.

Former DRDO chief Dr G Satheesh Reddy and former ISRO chairman Dr S Somanath will also be participating in the conclave…

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सीएसआईआर-एनबीआरआई में ग्रीष्मकालीन पादप विज्ञान महोत्सव शुरू:लखनऊ में दो दिवसीय आयोजन, शोधार्थी दिखा रहे प्रतिभा

CSIR-NBRI 16th April, 2026

लखनऊ में सीएसआईआर-राष्ट्रीय वनस्पति अनुसंधान संस्थान में दो दिवसीय ग्रीष्मकालीन पादप विज्ञान महोत्सव 2026 का शुभारंभ हो गया हैं । इस आयोजन में देशभर के शोधार्थियों ने उत्साहपूर्वक भाग लिया, जहां विज्ञान और परंपरा का अनूठा संगम देखने को मिला।

वैज्ञानिक एवं नवाचार अनुसंधान अकादमी के निदेशक प्रो. मनोज कुमार धर ने मुख्य अतिथि के रूप में दीप प्रज्वलित कर महोत्सव का उद्घाटन किया। एनबीआरआई के निदेशक डॉ. अजीत कुमार शासनी ने अतिथियों का स्वागत किया।

यह महोत्सव वर्ष 2018 से किया जा रहा

डॉ. शासनी ने बताया कि यह महोत्सव वर्ष 2018 से लगातार आयोजित किया जा रहा है और इसका संचालन शोधार्थियों द्वारा ही किया जाता है। उन्होंने यह भी बताया कि यह आयोजन 13 अप्रैल 1953 की ऐतिहासिक उपलब्धि की स्मृति में किया जाता है, जब राष्ट्रीय वनस्पति उद्यान को वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद की छठी राष्ट्रीय प्रयोगशाला...

Read More: Dainik Bhaskar

Two days Training Workshop on Smart Village Initiative concludes at CSIR–CBRI

CSIR-CBRI 16th April, 2026

The CSIR–Central Building Research Institute (CSIR-CBRI) Roorkee on Wednesday successfully concluded a two-day Training-cum-Planning Workshop on the Smart Village Initiative at its campus in collaboration with Bal Raksha Bharat.

The two days workshop focused on operational planning for on-ground deployment of CSIR technologies and strategies for resource mobilization, bringing together senior officials, scientists, and NGO representatives to formulate a comprehensive roadmap for implementation by 2027.

The programme commenced with the inauguration by R. Pradeep Kumar Ramancharla, Director, CSIR-CBRI, who highlighted the transformative potential of the Smart Village Mission in driving holistic rural development through innovative and sustainable technologies. He emphasized the role of 16 CSIR laboratories in delivering context-specific solutions and appreciated the collaboration with Bal Raksha Bharat…

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CSIR-NEERI Flags City's Toxic Air, High Decibels, Dirty Water

CSIR-NEERI 17th April, 2026

The Environment Status Report (ESR) 2024-25 of Nagpur city, prepared by the National Environmental Engineering Research Institute (Neeri) for the Nagpur Municipal Corporation (NMC), has flagged serious and persistent environmental concerns across the city, ranging from air pollution and noise violations to deteriorating water quality.

The report will be tabled by NMC's public health engineering (PHE) dept before the general body meeting on April 22.

A cursory look at the ESR by TOI revealed air pollution continues to be Nagpur's most pressing concern, with particulate matter (PM2.5 and PM10) consistently breaching limits prescribed by the Central Pollution Control Board. While other pollutants remain largely within permissible levels, the report identifies PM pollution as the most significant citywide environmental issue.

NEERI-prepared ESR highlights Nagpur's environmental challenges are systemic and persistent, calling for urgent policy action, stricter enforcement and sustainable urban planning to prevent further deterioration…

Read More: Times of India

CSIR-IIIM sets stage for Lavender Festival 2026

CSIR-IIIM 17th April, 2026

To kickstart preparations for the upcoming Lavender Festival 2026, CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), organized a day-long stakeholders' meeting here today.

The meeting focused on shaping the next phase of the Aroma Mission with emphasis on value addition and market expansion.

Participants from Jammu & Kashmir, Punjab, Haryana, Himachal Pradesh, Rajasthan, Uttar … Pradesh and Delhi engaged in detailed discussions on improving product quality, strengthening branding and linking growers with national and international fragrance markets.

The programme was graced by Dr Shakti Vinay Shukla, Director of the Fragrance and Flavour Development Centre (FFDC), Kannauj, Uttar Pradesh, as chief guest.

Addressing the gathering, he emphasized the vast potential of India's aromatic sector, notingthat Kannauj, along with Grasse in France, holds a continuous 5,500-year-old tradition …

Read More: Daily Excelsior

From Waste to Wealth: CSIR-AMPRI Builds India's First Geopolymeric Concrete Road

CSIR-AMPRI 17th April, 2026

CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI), Bhopal has successfully demonstrated India's first fly ash-based, cement-free geopolymeric roller compacted concrete road. This innovative and eco-friendly road stretch, developed within the institute campus, has now been completed and opened for use.

The project was inaugurated and opened to traffic on April 16, by Prof. Vinod Kumar Singh, Institute Chair Professor, IIT Kanpur and Chairman of the Research Council, CSIR-AMPRI. Earlier, the project was launched on February 2, 2026 by Dr. N. Kalaiselvi, Director General, CSIR and Secretary, DSIR. This advanced road technology uses fly ash instead of traditional cement, making it highly environment-friendly. The geopolymeric concrete used in the road reduces CO2 emissions by around 83 % and requires no water curing. It also has nearly 80% lower energy consumption compared to conventional concrete…

Read More: PIB

From sequencing to surveillance: WHO SEARO and CSIR-IGIB host regional workshop on dengue genomics

CSIR-IGIB 17th April, 2026

Over the past two decades, the global incidence of dengue has increased ten-fold, rising from 500,000 reported cases in 2000 to 5.2 million in 2019. In the WHO South-East Asia Region, outbreaks are becoming more frequent, unpredictable and geographically widespread. Nine of the region's ten Member States are endemic for dengue, and a surge in 2023 was particularly acute, with Bangladesh recording a nearly five-fold increase in cases compared to the previous year, and Thailand seeing a rise of over 300%

Multiple drivers are accelerating this trend. The changing distribution of Aedes mosquito vectors, climate change, the co-circulation of all four dengue serotypes, and gaps in surveillance systems have together made dengue more difficult to predict, detect, and contain.

To address this growing burden, effective surveillance must go beyond case detection. Genomic surveillance has emerged as a critical tool for detecting emerging variants…

Read More: WHO

Purple bloom in 'Chota Kashmir': Bhaderwah to host lavender festival

CSIR-IIIM 18th April, 2026

Known as " Chota Kashmir ", the picturesque town of Bhaderwah will host the Lavender Festival 2026 on May 31 and June 1, showcasing its emergence as a hub of India's "purple revolution" driven by lavender cultivation.

Officials said the two-day festival will be held on an unprecedented scale , with leading figures from the national aroma and essential oils industry expected to participate. Organised by the CSIR-Indian Institute of Integrative Medicine (IIIM), Jammu, the event aims to promote aromatic crops and strengthen farmer-led enterprises in the region.

IIIM Director Zabeer Ahmed said the initiative traces back to the Aroma Mission , launched in 2014 under the guidance of Union Minister Jitendra Singh . What began as a small pilot project has now expanded significantly, spreading from Bhaderwah to states like Uttarakhand, Himachal Pradesh and parts of the Northeast…

Read More: The Morning Voice

Scientific Conclave on Indian Pharmacopoeia held at CSIR-IIIM

CSIR-IIIM 18th April, 2026

To strengthen drug quality standards and regulatory coordination, the first-ever scientific conclave and interactive session on the Indian Pharmacopoeia (IP) 2026 in Jammu and Kashmir was held at CSIR–Indian Institute of Integrative Medicine (IIIM), Jammu.

Organized by the Indian Pharmacopoeia Commission (IPC) under the Ministry of Health and Family Welfare in collaboration with CSIR-IIIM Jammu and the J&K Pharmaceutical Manufacturers Association, the day-long event brought together stakeholders from regulatory bodies, the pharmaceutical industry, academia and research institutions to deliberate on the implementation of the latest pharmacopoeial standards.

Director, CSIR-IIIM Jammu, Dr Zabeer Ahmed termed the conclave a "rare and valuable platform" connecting scientists, regulators and industry. He emphasized that while research institutions drive drug discovery, their translation into usable medicines depends on robust regulatory frameworks and industry participation. Highlighting the Himalayan region's biodiversity, he stressed the need for strong regulatory support…

Read More: Daily Excelsior

CSIR-IIIM sets stage for Lavender Festival 2026

CSIR-IIIM 19th April, 2026

A new set of protocols and scientific intervention in honey bee farming in Jammu and Kashmir will finally allow beekeepers to rear colonies in sub-zero temperatures, instead of physically migrating hives to the plains for around six months with reported 30% mortality. As its spinoff, Kashmir has also recorded its first mono-floral apple honey.

On January 29, when the Kashmir Valley was under a layer of snow, the Council of Scientific and Industrial Research-Indian Institute of Integrative Medicine (CSIR-IIIM), Pulwama, invited around 200 orchardists to the Bonera farm to demonstrate the first surviving bee colony of Apis mellifera, a migratory bee species at the core of the production of around 2,000 metric tonnes of honey annually worth ₹12.5 lakh…

Read More: The Hindu

Amid energy crisis, India could cut LPG imports by 20% blending with DME: Report

CSIR 19th April, 2026

Council of Scientific and Industrial Research (CSIR) describes DME as a sustainable and eco-friendly fuel.

India, the world's second largest importer of LPG, finds itself heavily impacted by the ongoing West Asia conflict which disrupted the global energy supply, as it depends on the Strait of Hormuz for some of these imports.

The LPG supply hit led to several people switching to alternate ways of cooking food including induction cooktops and more, while the government has maintained that efforts are on to maintain enough supply.

Amidst this crisis, a report has discovered that India can reduce its reliance on LPG imports by around 6.3 million tonnes a year by blending LPG with 20 per cent dimethyl ether (DME), which is produced from coal and gasification. The report was released by EY-Parthenon and New Era Cleantech Solution Ltd, a domestic coal gasification firm, and was titled 'Coal gasification for energy and chemical security…

Read More: The Hindustan Times

कचरे से बनी देश की पहली 'जीरो सीमेंट' सड़क: भोपाल के एम्प्री ने रचा इतिहास

CSIR-AMPRI 19th April, 2026

राजधानी स्थित सीएसआईआर-एडवांस्ड मटेरियल एंड प्रोसेस रिसर्च इंस्टीट्यूट (एम्प्री) ने सड़क निर्माण के क्षेत्र में एक क्रांतिकारी मिसाल पेश की है। संस्थान ने देश की पहली ऐसी सड़क विकसित की है, जिसमें पारंपरिक सीमेंट का बिल्कुल भी उपयोग नहीं किया गया है। यह सड़क बिजली संयंत्रों से निकलने वाले अपशिष्ट 'फ्लाई ऐश' (राख) और 'जियोपॉलिमर' तकनीक की मदद से तैयार की गई है, जो कचरे को उपयोगी संसाधन में बदलने की दिशा में एक बड़ी उपलब्धि है।

इस नई तकनीक के परिणाम पर्यावरणीय दृष्टि से बेहद उत्साहजनक हैं। पारंपरिक सीमेंट सड़कों की तुलना में इस सड़क के निर्माण से कार्बन उत्सर्जन में लगभग 83 प्रतिशत की कमी आती है। साथ ही, इसके निर्माण के दौरान 80 प्रतिशत कम ऊर्जा की खपत होती है। इस सड़क की सबसे बड़ी विशेषता यह है कि इसे बनाने के बाद पानी से तराई (क्यूरिंग) करने की आवश्यकता नहीं होती, जिससे जल संरक्षण...

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OMC Conducts Successful Trial Run Of PGM Pilot Plant In Bhubaneswar

CSIR-IMMT 20th April, 2026

Odisha Mining Corporation Ltd. (OMC) today successfully conducted the trial run of the Platinum Group Minerals (PGM) pilot plant at CSIR-IMMT, Bhubaneswar, for the extraction of Platinum Group Elements (PGEs) from ore sourced from Bangur Chromite Mines, Keonjhar.

The successful trial marks a significant advancement in India's pursuit of self-reliance in strategic minerals. PGEs—such as platinum, palladium, and rhodium—are vital for clean energy technologies, electronics, and the automotive sector.

The pilot plant has been developed under a Rs 10 crore, two-phase R&D programme of the Odisha Mining Corporation, in collaboration with CSIR-IMMT and Mintek South Africa. It aims to establish India's first integrated PGE beneficiation and smelting facility. This 1-tonne-per-hour pilot plant will now validate the consistency and scalability of PGE concentrate under real-time operating conditions…

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Hyderabad-based CSIR-IICT technologies cut dialysis cost by 70 per cent in India

CSIR-IICT 20th April, 2026

The heavy cost incurred for a single dialysis session by patients suffering from Chronic Kidney Disease (CKD) has now been reduced. Two indigenously developed technologies from Hyderabad-based Indian Institute of Chemical Technology (IICT) are set to disrupt the medical device market by cutting consumable costs by at least 70 per cent, enabling patients easier access to life-saving treatment.

The technologies, which are being transferred for deployment by private dialysis service providers in Hyderabad, include ultra-thin hollow fibres used to manufacture filters in haemodialyzers and a specialised technology to produce ultrapure water, ensuring kidney patients are protected from water-borne contaminants and infections…

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Study finds pesticide traces in Kathmandu rice, 11 chemicals detected

CSIR-IITR 20th April, 2026

A study has found residues of 11 different pesticides in rice consumed in the Kathmandu Valley, including fungicides, insecticides and rodenticides, some of them banned.

Rice sold in Kathmandu contains higher levels of pesticides than rice distributed in Bhaktapur and Lalitpur. Experts say basmati rice contains roughly double the pesticide residues compared to non-basmati varieties.

The report titled "Pesticide use and safety behaviour among rice farmers in Nepal: The assessment of theory of planned behaviour and potential health risk" was made public by Kathmandu-based Progressive Sustainable Developers Nepal and India's Council of Scientific and Industrial Research–Indian Institute of Toxicology Research…

Read More: The Kathmandu Post

CSIR-IICT scientists demonstrate green biofuel route from sugarcane waste

CSIR-IICT 21st April, 2026

Scientists at the Hyderabad-based CSIR-Indian Institute of Chemical Technology (IICT) have unveiled a promising advance: transforming sugarcane residue into high-quality biofuel using a greener, more efficient process that could aid India's transition towards cleaner energy and better utilisation of agricultural waste.

The team, led by Alka Kumari along with researchers Sri Chandana and T. Satish and working under the guidance of CSIR-IICT director D. Srinivas Reddy, demonstrated an improved Catalytic Hydrothermal Liquefaction (HTL) process to convert sugarcane bagasse — the residue left after crushing sugarcane — into biofuel.

The study explored the use of Deep Eutectic Solvents (DES) as a green and cost-effective alternative to conventional reaction media and catalysts. DES acts as both a catalyst…

Read More: The Hindu

सीएसआईआर-आईआईसीटी के वैज्ञानिकों ने गन्ने के कचरे से हरित जैव ईंधन बनाने का तरीका खोज निकाला

CSIR-IICT 21st April, 2026

सीएसआईआर-इंडियन इंस्टीट्यूट ऑफ केमिकल टेक्नोलॉजी (आईआईसीटी) के वैज्ञानिकों ने गन्ने के अवशेषों को एक हरित और अधिक कुशल प्रक्रिया का उपयोग करके उच्च गुणवत्ता वाले जैव ईंधन में परिवर्तित करने का तरीका खोज निकाला, जो भारत को स्वच्छ ऊर्जा और कृषि अपशिष्ट के बेहतर उपयोग की दिशा में संक्रमण में सहायता कर सकता है। अल्का कुमारी के नेतृत्व में शोधकर्ताओं चंदना और टी. सतीश की टीम ने, सीएसआईआर-आईआईसीटी के निदेशक डी. श्रीनिवास रेड्डी के मार्गदर्शन में काम करते हुए, गन्ने की खोई को जैव ईंधन में परिवर्तित करने के लिए एक उन्नत उत्प्रेरक हाइड्रोथर्मल द्रवीकरण (एचटीएल) प्रक्रिया का प्रदर्शन किया।

हिन्दू में प्रकाशित खबर के अनुसार, इस अध्ययन में पारंपरिक अभिक्रिया माध्यमों और उत्प्रेरकों के पर्यावरण-अनुकूल और लागत-प्रभावी विकल्प के रूप में डीप यूटेक्टिक सॉल्वेंट्स (डीईएस) के उपयोग ...

Read More: Chini Mandi

135th birthday of Babasaheb Dr. B.R. Ambedkar celebrated at CSIR Campus

CSIR-SERC, CSIR-CMC 21st April, 2026

The 135th birthday of Babasaheb Dr. B.R. Ambedkar was celebrated on 21 April 2026, at CSIR-Structural Engineering Research Centre (CSIR-SERC) and CSIR Madras Complex (CMC).

The function was inaugurated with the lighting of Kuthuvilakku and floral tribute to Babasaheb Ambedkar. Dr. S. Ravivarman, Director, National Commission for Scheduled Castes (NCSC), Chennai, was the Chief Guest of the function. Shri R.D. Sathish Kumar, Principal Technical Officer, CSIR-SERC welcomed the gathering.

Dr. K. Sathish Kumar, Scientist G, CSIR-SERC, gave the welcome address. In his address, he gave a brief on Dr. B.R. Ambedkar, and said that his birth anniversary is celebrated with great respect and enthusiasm across the country. Dr. N. Anandavalli, Director, CSIR-SERC and Coordinating Director, CMC, delivered the presidential address. In her address, she briefed on Babasaheb's life and career and said that Babasaheb was a visionary leader, profound thinker, educationist and jurist, socio-political reformer and remembered his contributions as the chief architect…

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CSIR-NEIST trains 30 in mushroom cultivation

CSIR-NEIST 21st April, 2026

The CSIR-North East Institute of Science &Technology (CSIR-NEIST) here, in collaboration with assistant commissioner, organized a day-long training on cultivation of mushroom and its commercialization at Serene Rehabilitation Centre in Nirjuli on Tuesday.

About 30 benefitted from the training, which aimed at opening a new opportunity for them and motivate them to adopt it as a sustainable source of income generation.

Cultivate mushroom for sustainable income generation, CSIR-NEIST Sr principal scientist & in-charge Dr Chandan Tamuly said as resource person and assured technical support in future. Commercial cultivation of mushroom would help socio-economic development and combat malnutrition, he added.

CSIR-NEIST principal scientist Dr Prasenjit Manna explained that commercialization of mushroom would achieve the goal of sustainable income and improve rural economy…

Read More: Arunachal Observer

Algal bloom risk rises in Chilika lagoon under low nitrogen-phosphorus conditions: CSIR-CCMB study

CSIR-CCMB 21st April, 2026

Researchers at the CSIR-Centre for Cellular and Molecular Biology (CSIR-CCMB) have found that cyanobacterial communities in Chilika Lagoon, Odisha, undergo seasonal genetic shifts. This discovery could improve monitoring of harmful algal blooms and guide conservation planning in vulnerable water bodies.

The study, published in Environmental Advances by Manisha Ray and Govindhaswamy Umapathy, reconstructed 83 cyanobacterial metagenome-assembled genomes (MAGs) from water-based environmental DNA samples collected across different seasons. It identified salinity as the primary factor shaping both community mix and functions such as nitrogen cycling, carbon fixation, and toxin production.

According to the study, the risk of cyanobacterial blooms increases under low nitrogen-to-phosphorus ratios, conditions that favour toxin-producing genera. The researchers also identified five cyanobacterial genomes…

Read More: Times of India

CSIR-IIIM, JKEDI inked pact to boost startup ecosystem

CSIR-IIIM 22nd April, 2026

In a significant step towards strengthening the startup ecosystem in Jammu and Kashmir, the CSIR-Indian Institute of Integrative Medicine (IIIM), Jammu, through its Technology Business Incubator (IIIM-TBI), signed a Memorandum of Understanding (MoU) with the Jammu and Kashmir Entrepreneurship Development Institute (JKEDI).

The MoU aims to promote entrepreneurship, innovation, skill development, and startup incubation by leveraging the strengths of both institutions.
It seeks to create a collaborative framework for nurturing startups, enhancing capacity building, and facilitating market linkages.

Speaking on the occasion, Dr. Zabeer Ahmed, Director CSIR-IIIM Jammu and Chairman IIIM-TBI, stressed the need to translate the agreement into tangible outcomes on the ground, emphasizing that the collaboration must go beyond paperwork and reflect visible impact.
He called for the preparation of a detailed action plan, including a structured activity calendar, clearly defined responsibilities, and immediate next steps…

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Director, CSIR-IIIM, Commissioner Secretary S&T Review Progress of J&K Industrial Biotech Parks, Chart Operational Roadmap

CSIR-IIIM 22nd April, 2026

A joint review meeting to assess the progress of the Industrial Biotech Parks at Ghatti Kathua and Handwara was convened by CSIR–Indian Institute of Integrative Medicine (IIIM), Jammu, in collaboration with the Jammu and Kashmir Science and Technology Department.

The high-level meeting at CSIR–IIIM, Jammu brought together senior officials and technical experts to assess the current status of the project and discuss its future roadmap, with a strong emphasis on innovation, industrial use, and startup facilitation.

The meeting was attended by Dr. Zabeer Ahmed, Director CSIR–IIIM Jammu and Chairman IIIM-TBI, and Babila Rakwal, JKAS, Commissioner/Secretary to the Government, Science and Technology Department, along with scientists, project consultants, and stakeholders associated with the development of the biotech park…

Read More: Jammu Link News

What GenomeIndia Reveals About Health Across India's Diverse Populations

CSIR-CCMB, CSIR-IGIB 23rd April, 2026

India has long figured prominently in discussions of global health by sheer demographic weight, yet in genomics and detailed phenotypic research, it has remained oddly underrepresented. The GenomeIndia (GI) project was conceived to correct that imbalance. Launched in January 2020, it was structured as a national consortium and supported by the Department of Biotechnology (DBT) under the Ministry of Science and Technology. The initiative brings together a wide network of institutions, with the Centre for Brain Research at the Indian Institute of Science (IISc) campus in Bengaluru serving as the coordinating centre and major sequencing and analysis work carried out across institutes, including BRIC-NIBMG*, CSIR-CCMB*, and CSIR-IGIB*, alongside multiple sample-collection partners across the country.

Alongside the flagship genomics manuscript, the project has released a companion phenotypic manuscript, a public dashboard for exploratory use, open code, summary statistics, and extensive supplementary material containing much of the study's analytical detail…

Read More: Observer Research Foundation

Int'l Conf. on Sustainable Quality Steelmaking Starts at SNTI Jamshedpur

CSIR-NML 23rd April, 2026

Tata Steel, in collaboration with the Indian Institute of Metals (IIM) Jamshedpur Chapter, CSIR-National Metallurgical Laboratory (NML), and the All India Induction Furnaces Association (AIIFA), launched the International Conference on Sustainable Quality Steelmaking (ICSQS-2026) on Thursday. The two-day event, hosted at Shavak Nanavati Technical Institute (SNTI), focuses on emerging trends in Electric Arc Furnace (EAF) and Induction Furnace (IF) technologies.

Strategic Push for Green Steel

The conference brings together over 200 delegates, including researchers, technology leaders, and plant operators, to address the evolving landscape of alternative steelmaking routes. Key dignitaries, including Dr. Sandip Ghosh Chowdhury (Director, CSIR-NML), Mr. Yogesh Mandhani (President, AIIFA), and Mr. Subodh Pandey (VP Technology, Tata Steel)…

Read More: The Avenue Mail

CSIR-NIIST Hosts 'Techno-Fest' to Drive Tech Innovation

CSIR-NIIST 24th April, 2026

CSIR-NIIST is gearing up for a significant event on May 11, where they will host the 'Techno-Fest cum Customer Meet' in observance of National Technology Day. The event is geared towards fortifying ties with stakeholders and facilitating a platform for interaction and knowledge sharing.

DC Anandharamakrishnan, Director of CSIR-NIIST, highlighted the institute's dedication to transforming advanced research into technologies that provide societal and industrial benefits. The event aims to bolster engagement with stakeholders, foster industry partnerships, and expedite the deployment of sustainable and innovative solutions developed at CSIR-NIIST.

Participants, including MSMEs, will have the chance to engage directly with scientists, explore research divisions, and view demonstrations of technologies…

Read More: Devdiscourse

CSIR-NIIST Thiruvananthapuram to host 'Techno-Fest cum Customer Meet' on May 11

CSIR-NIIST 24th April, 2026

The CSIR-NIIST, Thiruvananthapuram, an interdisciplinary research laboratory under the aegis of the Council of Scientific & Industrial Research (CSIR), Government of India, will organise a "Techno-Fest cum Customer Meet" on May 11, in connection with the celebration of National Technology Day.

The event is being conducted with the objective of strengthening engagement with stakeholders and valued customers, while providing a common platform for interaction and knowledge exchange, according to C Anandharamakrishnan, Director, CSIR–NIIST. "Techno-Fest cum Customer Meet' will reflect our commitment to translating cutting-edge research into impactful technologies for society and industry," he added.

"This platform will foster stronger engagement with stakeholders; promote industry partnerships; and accelerate deployment of sustainable and innovative solutions…

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CSIR-NGRI flags stress zones in SLBC tunnel

CSIR-NGRI 25th April, 2026

The National Geophysical Research Institute (NGRI) has submitted a detailed survey report on the structural integrity and subsurface conditions of the Srisailam left bank canal (SLBC) to irrigation minister N Uttam Kumar Reddy, marking a crucial step in ensuring safety of ongoing tunnel works.

The report, handed over by NGRI chief scientist HVS Satyanarayana during a review meeting on Friday, draws on advanced geophysical techniques such as seismic imaging and electrical resistivity tomography. These methods helped detect stress zones, seepage patterns, and tunnel roof stability issues that conventional inspections could not identify. The findings also explained factors behind the Feb 22, 2025, roof collapse.

Minister Uttam underlined the govt's commitment to worker safety, saying scientific inputs from NGRI would guide decisions on tunnel completion. He praised the institute's work and sought its involvement in soil investigations at the Medigadda…

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Tulips Bloom in Lahaul: CSIR–IHBT's Scientific Support Transforms Floriculture in the Himalayas

CSIR-IHBT 25th April, 2026

With sustained efforts and scientific guidance from the CSIR–Institute of Himalayan Bioresource Technology (CSIR–IHBT), Palampur, large-scale blooming of tulip flowers is being witnessed across the Lahaul region of Himachal Pradesh.

Colourful tulips are presently in full bloom in the fields of progressive farmers in Udaipur, Lahaul, marking a major success in floriculture and tulip bulb production. Over the past three years, CSIR–IHBT has been working closely with local farmers, providing scientific support, high-quality planting material, and technical guidance to promote tulip bulb cultivation. The initiative aims to establish Lahaul as a hub for tulip bulb production.

The institute is also collaborating with the New Delhi Municipal Council (NDMC) to expand tulip bulb production in the national capital region, ensuring the availability of high-quality bulbs for ornamental use…

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CSIR-CCMB Calls For Coordinated Efforts To Make India Malaria-Free By 2030

CSIR-CCMB 26th April, 2026

Centre for Cellular and Molecular Biology (CCMB) has called for coordinated efforts by the government, industry and scientific community to make India malaria-free by 2030. The appeal was made during a conference held at the Atal Incubation Centre-CCMB in Habsiguda, Hyderabad, on the occasion of World Malaria Day on Saturday.

Speaking on the occasion, CCMB Director Dr Vinay Kumar Nandikuri said that the institute is at the forefront in increasing scientific understanding of malaria. He said that India's removal from the 'High Burden to High Impact (HBHI)' list announced by the World Health Organisation is a great success.

N. Madhusudan Rao, Chief Executive Officer (CEO) of AIC-CCMB, said that although malaria cases have declined significantly due to sustained government programmes since the 1950s, there is a need for continued vigilance to prevent a resurgence…

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NMPB, CSIR-IIIM organised buyer–seller meet to boost MAPs sector in the region

CSIR-IIIM 26th April, 2026

In a major push to strengthen the medicinal and aromatic plants (MAPs) sector in Jammu and Kashmir, the Directorate of Ayush and the J&K Medicinal Plants Board, in collaboration with IIIM (CSIR–J&K), organized a Buyer–Seller Meet in Bhaderwah.

The event, sponsored by the Ministry of Ayush, Government of India, focused on improving supply chains and creating stronger market linkages for farmers and industry stakeholders.

The programme saw active participation from farmers, traders, buyers, industry representatives, and officials from various departments, providing a platform for interaction, knowledge sharing, and business opportunities.

A major highlight of the event was the signing of six Memorandums of Understanding (MoUs) between farmers and industry stakeholders…

Read More: Jammu Link News

बाराबंकी में सीमैप ने ड्रोन से किया दवा छिड़काव:टिकाऊ खेती को बढ़ावा देने के लिए किसानों के खेतों में पहल

बाराबंकी के मसौली स्थित ग्राम चंदनपुरवा और बड़ागांव में शनिवार को सीएसआईआर सीमैप ने किसानों के खेतों में ड्रोन से दवा का छिड़काव किया। यह पहल टिकाऊ खेती को बढ़ावा देने के उद्देश्य से की गई है।

सीमैप के डायरेक्टर और वरिष्ठ वैज्ञानिक डॉ. राजेश कुमार वर्मा के निर्देशानुसार, यह कार्य हालीआन प्रोजेक्ट के अंतर्गत किया गया। सीमैप लगातार टिकाऊ खेती पर कार्य कर रहा है।

इस दौरान, आई ड्रोन पायलट अनीस अली, हिमांशु सिंह और दिवंशी ने हालीआन प्रोजेक्ट से जुड़े किसानों के खेतों में जाकर ड्रोन के माध्यम से दवा का छिड़काव किया।

मौके पर हालीआन प्रोजेक्ट के लीड किसान ऋषि यादव, अजय यादव और कमलापति यादव मौजूद रहे। सीएसआईआर सीमैप के शोधार्थी मयंक श्रीवास्तव, अंकुल वर्मा, धर्मेन्द्र सिंह वर्मा और अमरेंद्र कुमार सिंह ने भी लीड किसानों के खेतों पर उपस्थित होकर ड्रोन से छिड़काव कराया। सिनर्जी से रवि वर्मा भी इस अवसर पर उपस्थित थे...

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AI, smart cold chains, upcycling technologies shaping food processing sector: CSIR-CFTRI director in Mysuru

CSIR-CFTRI 27th April, 2026

Dr Giridhar Parvatam, Director, CSIR-CFTRI, noted that the food processing sector is at a critical juncture, balancing affordability, safety, and convenience with increasing health and environmental concerns.

He was speaking at the convocation ceremony for the MSc Food Technology (2023-25 batch) hosted by CSIR-CFTRI hosted on its campus in Mysuru on Saturday.

Mysuru: Two on morning walk injured in wild jumbo attack
Dr Giridhar pointed out key challenges such as the rise of ultra-processed foods (UPFs), significant food waste in plant-based processing, high energy consumption, and packaging waste. He emphasized that advancements such as artificial intelligence, smart cold chains, and upcycling technologies are reshaping the sector. He underscored the need for a sustainable, technology-driven, and circular food processing system.

K B Lingaraju, President, Mysore Chamber of Commerce and Industry (FKCCI), emphasized the importance of building a sustainable society…

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CSIR-CIMAP Launches national training programme on medicinal, aromatic crops

CSIR-CIMAP 27th April, 2026

The CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow, inaugurated a four-day Skill-cum-Technology Upgradation Training Programme on Economically Important Medicinal and Aromatic Plants today, drawing participation from across the country.

A total of 55 participants from 11 states have registered for the programme, reflecting the growing national interest in medicinal and aromatic crops as a sustainable livelihood option.

The inaugural session was held online and was addressed by Dr. Zabeer Ahmed, Director, CSIR-CIMAP, who highlighted the vast potential and future scope of medicinal and aromatic plants (MAPs) in strengthening India's agri-based economy.

He emphasized the importance of scientific interventions, value addition, and strong market linkages in improving farmers' income and promoting agri-entrepreneurship…

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Scimplify and CSIR-IICT Partner to Accelerate Agrochemical Innovation

CSIR-IICT 28th April, 2026

Scimplify, a leading integrated R&D and manufacturing platform, has officially signed a Memorandum of Understanding (MoU) with the CSIR–Indian Institute of Chemical Technology (CSIR–IICT). The agreement was finalized during the high-profile Industry Interaction Meet on Agrochemicals at the IICT Hyderabad campus.

This strategic alliance is designed to bridge the gap between laboratory-scale research and industrial-scale impact. By uniting CSIR–IICT's world-class scientific research with Scimplify's robust execution and manufacturing capabilities, the partnership aims to accelerate the "lab-to-market" journey for high-impact agrochemical molecules.

The collaboration focuses on three primary pillars:

Collaborative R&D: Joint research initiatives to develop next-generation agrochemical solutions.

IP Creation: Strategic pathways for joint intellectual property development…

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NGRI Holds First-of-its-kind Heliborne Scan of SLBC

he Srisailam Left Bank Canal tunnel may be just around 44 km long but for the detailed electromagnetic survey study that revealed the rock structure, weak zones, and associated faults, or geological folds, NGRI scientists flew a total 970 'line' kilometres covering a total area of nearly 110 sq kilometres.

The geophysical survey using electromagnetic methods by way of a heliborne survey, covered 1.2 km on either side of the tunnel alignment to make sure all the required zones of the rocks along the tunnel on both its sides were studied properly.

"This was the first time ever that NGRI conducted a heliborne VTEM survey with a spacing of just 25 metres along an alignment. This has never been done before and was done this time as it was important to understand fully how the rocks are not just along the alignment but also on both its sides," a senior NGRI scientist told Deccan Chronicle.

While the tunnel lies 250 metres below mean sea level, the study looked at the rock structure upto a depth of 800 metres from the surface…

Read More: Deccan Chronicle

Nallamala's Weak Spots: CSIR-NGRI Warns of Seepage and Fractured Rock in SLBC Path

CSIR-NGRI 29th April, 2026

Work at the SLBC tunnel, progressing slowly but steadily from both the inlet and outlet ends, still faces some serious challenges, especially in at least four locations along the alignment where detailed geological studies have found some structural features that begin on the surface of the Nallamala hills and go to the tunnel depth and deeper into the ground.

A detailed study by the CSIR-National Geophysical Research Institute (NGRI) using electromagnetic survey earlier this year, has identified weak, fractured zones in the rock structure in addition to areas where the rock types also change. The study confirmed that the point where the tunnel collapsed in February 2025 at the 13.95-km point in the inlet section…

Read More: Deccan Chronicle

79th Foundation Day of CSIR-Central Leather Research Institute, Chennai

CSIR-CLRI 29th April, 2026

The 79th CSIR-CLRI Foundation Day of CSIR - Central Leather Research Institute was celebrated on 27th April 2026 at it's campus. Dr. P. Thanikaivelan, Director, CSIR-CLRI welcomed the guests and other dignitaries and shared the role of CSIR-CLRI in the growth of leather industry in the past eight decades and he also reflected on the contributions of the past leaders and staffs of the Institute. The event was graced by Dr. D. Srinivasa Reddy, Director, CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad as Chief Guest and he delivered the "BM Das Memorial Lecture" titled "Efforts in Drug Discovery through Natural Products and Process Development with Low Carbon Footprint". He highlighted the CSIR-IICT's R&D contribution to the nation and his group's effort in synthesising and developing a range of organic molecules towards drug discovery.

Dr. Preethaa Ganesh, Vice-President, Vels Group of Institutions and Dr. T. Sasipraba Vice-Chancellor, Vels Institute of Science, Technology and Advanced Studies (VISTAS) attend as the Guests of Honour of the event and signed the Memorandum of Understanding (MoU) with CSIR-CLRI for collaboration towards joint research and academic activities…

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CSIR-CCMB study finds ultra-rare gene behind red hair in Indians

CSIR-CCMB 29th April, 2026

Although it is quite rare, you might have come across a few Indians whose hair is naturally red and thought it could be a genetic anomaly or that such individuals might have ancestry linked to Europe. This is quite natural, since red hair among individuals is common in the West.

However, it turns out that pure red hair among Indians, which is a rarity in itself, is not because of any European gene but a result of a unique and 'ultra-rare' gene that is home-grown in India.

Researchers from Hyderabad-based Centre for Cellular and Molecular Biology (CCMB) recently identified this genetic secret by sequencing the DNA of an Indian child who had vivid red hair and eyebrows.

The CCMB researchers, led by Dr Kumaraswamy Thangaraj, discovered a specific mutation in the MC1R gene, which is the master switch that controls pigment. Interestingly, this variant was found to be unique to Indian populations and not related to European ancestry…

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