सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

News Bulletin
01 To 15 August 2026

CSIR in Media

State Khadi & Village Industries Board: Applied Food Research conducted by CSIR

CSIR-NCL

30th July, 2026

A research conducted by the National Chemical Laboratory - CSIR Pune on the subject of Applied Food Research on Jambhol honey, a specialty of Mahabaleshwar, was launched through a press conference. The Chairman of the Maharashtra State Khadi and Village Industries Board (Minister of State rank), Ravindra Sathe Sir, Chief Executive Officer of the Board, Laxman Raut Sir (IAS), Director of the National Chemical Laboratory, Dr. Ashish Lele Sir were present as the chief guests on this occasion. Various researches have been done on Karvi honey with the NCL team in the past.

All these researches will be very useful for the beekeepers of the state. Looking at this research paper, we were saying that Nanuka honey in the world is excellent, but Jambhol honey is even better. We have brought this research to the world that Jambhol honey contains abundant antioxidants and glucose and sucrose are less than all types of honey…

Read More: Bureau Gram

‘Hangul’s survival hinges on quiet seasons as human interference poses threat’

CSIR-CCMB

30th July, 2026

A landmark study has for the first time mapped the reproductive calendar of the critically endangered Kashmir red deer or Hangul (Cervus hanglu), revealing that human disturbance during crucial breeding and birth months could be undermining the recovery of the species whose population has dwindled to around 400 animals.

The research, led by scientists from the Laboratory for the Conservation of Endangered Species (LaCONES), Centre for Cellular and Molecular Biology (CCMB), Hyderabad, in collaboration with the Wildlife Trust of India, provides what experts describe as a “scientific blueprint for protecting Hangul during its most vulnerable periods”.

Published in the prestigious journal Scientific Reports, the study monitored the only viable wild population of Hangul in Dachigam National Park using non-invasive hormone analysis from 1,172 fresh faecal samples collected over a year.

Researchers found that while male Hangul exhibit a synchronised rutting season between October and December, females display a more dispersed mating pattern extending over several months. Pregnancies peak between January and March, while April marks the principal birthing season, when females experience heightened physiological stress…

Read More: Rising Kashmir

Odisha man quits L&T to start business, now earns Rs 65 lakh a year from flowers

CSIR-NBRI

30th July, 2026

For most people, leaving a secure corporate job is a difficult decision. For A. Sanjeev Reddy, it was the first step towards fulfilling a lifelong dream of becoming an entrepreneur.

The science graduate from Kalyanpur village in Odisha's Ganjam district began his career in 1995 as a Planning Assistant with the ECC Division of Larsen & Toubro (L&T), earning an annual salary of around Rs 96,000. While pursuing a diploma in business administration by correspondence from the National Industries Research and Development Council in Gurugram, he saved a large portion of his salary to start his own business.

"I always wanted to create something independently rather than spend my entire life in a salaried job. Every rupee I saved during my L&T days was meant for that dream," Sanjeev tells…

Read More: 30 Stades

India to Host Global Defence, Aerospace and Aviation Expo in September

CSIR-NAL 31st July, 2026

India will host one of its largest integrated international exhibitions and conferences on defence, aerospace, aviation and airport infrastructure when AEDEX + AIRPORT 2026 is held from September 10 to 12 at the India International Convention and Expo Centre (IICC), Yashobhoomi, Dwarka, New Delhi.

Speaking to mediapersons, Dr. Abhay A. Pashilkar, Honorary President of SIATI, said the event would bring together policymakers, defence manufacturers, aerospace companies, airport developers, technology providers, investors and industry leaders from across the world under one platform. He said the exhibition would highlight India's emergence as a global hub for defence manufacturing, aerospace innovation and airport infrastructure development.

Dr. Pashilkar said the three-day event is supported by the Ministries of Civil Aviation, Commerce and Industry, MSME, DRDO, the Directorate General of Civil Aviation (DGCA), CSIR, and flagship initiatives such as Make in India and Start-up India. Industry bodies including the Aeronautical Society of India, Drone Federation of India and Air Cargo Forum India are also supporting the event…

Read More: The Hans India

Three-day training programme on GC-MS concludes at CSIR-IIIM

CSIR-IIIM

31st July, 2025

Three-day Skill Development Training Programme on Gas Chromatography-Mass Spectrometry (GC-MS) under the CSIR-Integrated Skill Initiative, concluded today at CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu .

The programme, conducted from July 28 to 30, focused on bridging the gap between classroom learning and industry-oriented practical expertise. Participants received comprehensive exposure to one of the most advanced analytical techniques widely used in pharmaceuticals, biotechnology, environmental science, food safety, forensic science, natural products research and chemical analysis through expert lectures, laboratory demonstrations and hands-on sessions…

Read More: Daily Excelsior

CSIR outlines healthcare research, technology transfer initiatives in Rajya Sabha

CSIR-CDRI, IMTECH, IGIB, IICT

31st July, 2026

The Council of Scientific and Industrial Research (CSIR) is promoting research, innovation and technology development in healthcare through collaborations with industry and academia, technology transfer, consultancy services, testing facilities, skill development programmes, biological screening, genomics research, sequencing infrastructure and specialised training for clinicians and medical professionals. Through its dedicated Healthcare Theme, CSIR also supports basic, translational and mission-mode research across its constituent laboratories.

CSIR is also facilitating the translation of research into industrial and societal applications through technology licensing, collaborative research and development, intellectual property management, industry partnerships and digital platforms. According to the government, these initiatives are expected to support indigenous development and manufacturing of diagnostics, biologics and medical technologies, improve access to healthcare, strengthen disease surveillance and precision medicine, and support the objectives of Atmanirbhar Bharat. The information was shared by Union Minister of State (Independent Charge) for Science & Technology, Earth Sciences, and Minister of State in the Prime Minister's Office, Personnel, Public Grievances and Pensions, Atomic Energy and Space, Dr Jitendra Singh, in a written reply in the Rajya Sabha…

Read More: Express Healthcare

CSIR-NML Hosts One-Day Student Visit Programme Under CSIR-JIGYASA Initiative

CSIR-NML

31st July, 2025

CSIR–National Metallurgical Laboratory (CSIR-NML), Jamshedpur, organized a One-Day Student Visit Programme under the CSIR-JIGYASA initiative for the students of Central Public School, Jamshedpur, on 31 July 2026. The programme was conducted at CSIR-NML with the objective of promoting scientific temper and creating awareness about research and innovation among school students.

A total of 121 students (69 boys and 52 girls), accompanied by 6 faculty members, participated in the programme. The event commenced with registration, followed by an inaugural address by Dr. S. Sivaprasad, Senior-most Scientist and Head, MTE Division, who encouraged the students to cultivate curiosity and scientific thinking. He also briefed the students about the various activities and research initiatives being undertaken at CSIR-NML…

Read More: Ranchi Express

North India's first Industrial Biotech Park at Kathua to drive J&K's biotechnology revolution: Dr Jitendra Singh

CSIR-IIIM

01st August, 2025

Union Minister of State (Independent Charge) for Science and Technology, Earth Sciences, Minister of State in the Prime Minister's Office, Department of Atomic Energy, Department of Space, Personnel, Public Grievances and Pensions Dr. Jitendra Singh today said that Jammu and Kashmir is rapidly emerging as a major biotechnology and innovation destination, with the operationalisation of the Industrial Biotech Park at Ghatti, Kathua set to provide a major boost to StartUps , entrepreneurship and research in the region.

Dr Jitendra Singh said the government's focus is on creating an enabling ecosystem where innovation leads to employment generation, economic growth and sustainable development…

Read More: PIB

For 1st time, Palampur institute grows Netherlands' peony flower in India

CSIR-IHBT

02nd August, 2026

Scientists at the CSIR–Institute of Himalayan Bioresource Technology (CSIR-IHBT), Palampur, have successfully cultivated the Netherlands-origin peony flower in India for the first time.

The achievement follows nearly four years of research and field trials. The peony plants have flowered successfully at the institute's experimental farm in Palampur, producing white and pink blossoms.

To assess the crop's commercial viability under Indian conditions, CSIR-IHBT has initiated field trials in the high-altitude regions of Ladakh, Lahaul and Nainital, where farmers have planted peony tubers. Scientists believe these cold-climate areas offer ideal conditions for commercial cultivation.

CSIR-IHBT Director Dr Sudesh Kumar Yadav described the development as a historic milestone achieved after years of dedicated research. He said the technology could provide a new source of income for farmers in Himalayan states while reducing India's dependence on imported flowers…

Read More: The Tribune

CSIR-NIO study flags cadmium contamination in Goa oysters, warns of health risks

CSIR-NIO

03rd August, 2026

A new scientific study conducted by researchers at the National Institute of Oceanography (NIO) has flagged cadmium contamination in oysters harvested along Goa's coastline, cautioning that frequent consumption of these shellfish could pose health risks to consumers.

The findings were published last month in a research paper titled "Distribution, Bioaccumulation and Human Health Risk of Mercury and Cadmium in Coastal Sediments and Oysters along the Goa Coast, India."

The study examined the presence of cadmium (Cd) and mercury (Hg) in coastal sediments and oysters (Saccostrea cucullata) collected from multiple sites across Goa to evaluate contamination levels, ecological impacts and potential risks to human health.

According to the researchers, cadmium emerged as the key environmental and public health concern in the region. While mercury contamination was found to be relatively insignificant, oysters were shown to accumulate cadmium at levels that exceeded permissible safety standards at most sampling locations…

Read More: NE News

CSIR–CRRI Flags Off Indigenous Network Survey Vehicle for Urban Road Monitoring; Launches Field Survey for CAQM-Supported Standard Framework Project in Delhi NCR

CSIR-CRRI

03rd August, 2026

CSIR–Central Road Research Institute (CSIR–CRRI), New Delhi, today marked another significant milestone in advancing sustainable urban road infrastructure with the flag-off of the newly procured Indigenous Network Survey Vehicle (NSV) by Dr. Ch. Ravi Sekhar, Director, CSIR–CRRI. The event also marked the commencement of field surveys under the project titled "Implementation of the Standard Framework for Paving and Greening of Urban Roads in Delhi NCR."

The flag-off ceremony was held at the CSIR–CRRI Main Building by and attended by Dr.Ch.Ravi Sekhar, Director, CSIR-CRRI and Dr.Thallada Bhaskar, Director, CSIR-AMPRI, Bhopal and HoDs, senior scientists, officials, engineers and staff members of the Institute. The newly inducted Network Survey Vehicle will be deployed for comprehensive condition assessment of urban roads across Delhi NCR, providing scientific, accurate and data-driven inputs for road asset management and sustainable urban infrastructure planning…

Read More: PIB

CSIR-NML जमशेदपुर एवं मेसर्सओसवाल इंजीनियरिंग के बीच समझौते पर हस्ताक्षर

CSIR-NML

03rd August, 2026

सीएसआईआर-राष्ट्रीय धातुकर्म प्रयोगशाला (सीएसआईआर-एनएमएल), जमशेदपुर तथामेसर्स ओसवाल इंजीनियरिंग एंड केमिकल कंपनी, जमशेदपुर के मध्य "विभिन्न ग्रेड के कोयला (Coal) एवं बेंजोइकएसिड (Benzoic Acid) के प्रमाणित संदर्भ सामग्री (Certified Reference Materials-CRMs) के विकास" हेतुएक महत्वपूर्ण समझौता ज्ञापन (MoA) पर हस्ताक्षर किए गए.

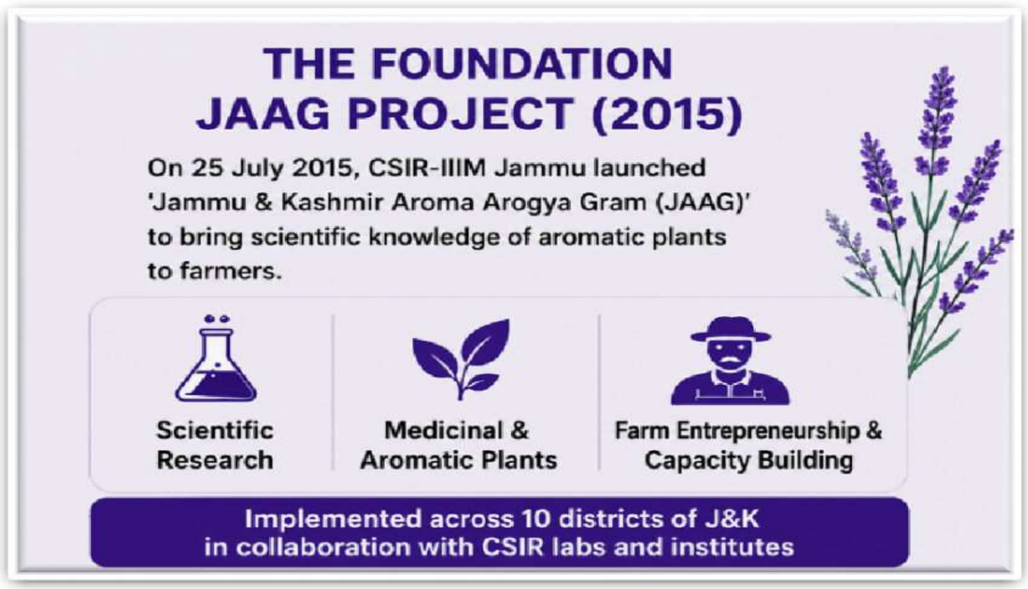
उद्योगों और प्रयोगशालाओं के लिए गुणवत्ता नियंत्रण सामग्री होगी तैयारइस समझौते के अंतर्गत विकसित किए जाने वाले सीआरएम (Certified Reference Materials) भारत के विभिन्नकोयला खदान प्रयोगशालाओं, विश्लेषणात्मक प्रयोगशालाओं, इस्पात एवं फेरो अलॉय उद्योगों, ताप विद्युत संयंत्रों तथाभारत सरकार की विभिन्न नियामक (Regulatory) प्रयोगशालाओं के लिए गुणवत्ता नियंत्रण (Quality Control)सामग्री के रूप में उपयोग किए जाएंगे. इससे परीक्षण एवं विश्लेषण की गुणवत्ता, विश्वसनीयता तथा मानकीकरण कोबढ़ावा मिलेगा.'मेक इन इंडिया' और 'आत्मनिर्भर भारत' अभियान को मिलेगी ...

Read More: Uditvani

J&K's Purple Fields revolutionise paradigm of India's rural economy; Story of one decade of sustained effort behind CSIR Aroma Mission

CSIR-CIMAP, IHBT, IIIM, NBRI, NEIST

04th August, 2026



For years, agriculture in large parts of the Himalayan region followed a familiar cycle—small landholdings, low-value crops, uncertain returns and seasonal migration. Across many hilly districts of Jammu and Kashmir, and increasingly in neighbouring Himalayan states, farming remained tied to conventional crops that offered limited income and few opportunities for local value creation. That pattern began changing when aromatic crops cultivation moved from scientific laboratories into village fields.

The transformation, however, did not happen overnight. It was the result of years of scientific research, field demonstrations and sustained efforts to bridge the gap between laboratory innovations and rural livelihoods. Before the Aroma Mission emerged as a nationwide programme, its foundation was laid through the Jammu and Kashmir Aroma Arogya Gram (JAAG) initiative…

Read More: The News Now

Dr. Akanksha Singh to be Honored with Prestigious NASI Young Scientist Award (NYS) 2026 for Outstanding Research Contributions

CSIR-CIMAP

04th August, 2026

CSIR–Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP) is proud to announce that Dr. Akanksha Singh, Scientist-D in the Division of Crop Protection and Production, has been selected for the prestigious National Academy of Sciences, India (NASI) Young Scientist Award 2026. Dr. Singh is also an Indian National Science Academy (INSA) Young Scientist, an INSA Young Associate, and an active member of the Indian National Young Academy of Sciences (INYAS).

The NASI Young Scientist Award will be formally conferred during the Felicitation Ceremony at the 96th Annual Session and Symposium of the National Academy of Sciences, India (NASI), scheduled to be held on 4–5 December 2026 at Banaras Hindu University (BHU), Varanasi…

Read More: The Lucknow Tribune

CSIR-DRDO Plans Indigenous Turboprop Engine for Saras Mk2 Transport Aircraft and Future HALE UCAVs

CSIR, CSIR-NAL

05th August, 2026

In a major step toward total self-reliance in aviation, the Council of Scientific and Industrial Research (CSIR) and the Defence Research and Development Organisation (DRDO) are drafting a joint proposal to create a homegrown turboprop engine.

This ambitious project, which will seek funding from the Ministry of Defence (MoD), aims to power the indigenous Saras Mk2 light transport aircraft and lay the groundwork for future High-Altitude Long-Endurance (HALE) Unmanned Combat Aerial Vehicles (UCAVs).

The proposal is currently in its early planning phases. Whether the MoD grants financial approval will depend heavily on the long-term manufacturing potential of the Saras Mk2 and the new engine's ability to be adapted for other civilian and military aircraft…

Read More: Defence.in

CSIR-IIP, CSIR-CRRI and CSIR-AMPRI Showcase Indigenous Bio-Binder Technology for Sustainable Road Infrastructure

CSIR-IIP, CSIR-CDRI & CSIR-AMPRI

05th August, 2026

CSIR-Indian Institute of Petroleum (CSIR-IIP), Dehradun, in collaboration with CSIR-Central Road Research Institute (CSIR-CRRI) and CSIR-Advanced Materials and Processes Research Institute (CSIR-AMPRI), showcased Bio-Binder Technology during a technology demonstration programme aimed at accelerating the commercialization of indigenous green technologies for sustainable road infrastructure. The event brought together senior scientists, industry leaders and research collaborators to promote technology-led national development and sustainable innovation.

The programme was attended by Director, CSIR-IIP, Dr. Harender Singh Bisht; Director, CSIR-CRRI, Dr. C. Ravi Sekhar; Director, CSIR-AMPRI, Dr. Thallada Bhaskar; Dr. V. C. S. Palla and his team …

Read More: PIB

Hyderabad CSIR-IICT Expands Sustainable Research Infrastructure

CSIR-IICT

05th August, 2026

The newly commissioned infrastructure includes an effluent treatment plant designed for textile wastewater, a facility dedicated to continuous processing technologies and a sustainable engineering complex. Together, these facilities are intended to support research that addresses environmental challenges while improving industrial productivity and technology transfer.

The CSIR IICT Hyderabad expansion reflects the increasing emphasis on developing research infrastructure that bridges laboratory innovation with practical industrial applications. Scientists and policy experts believe such facilities can accelerate the development of cleaner production methods, reduce industrial waste and strengthen collaboration between research institutions and manufacturing sectors. Speaking during the inauguration, a senior Union government representative highlighted the growing contribution of national research laboratories in expanding scientific outreach and supporting technological innovation…

Read More: Urban Acres

CSIR-IIIM Jammu Director Zabeer Ahmed Gets Additional Charge of CSIR-NBRI Lucknow

CSIR-IIIM, CSIR-NBRI

05th August, 2026

Dr Zabeer Ahmed, Director of the CSIR-Indian Institute of Integrative Medicine, Jammu, has been assigned the additional charge of Director of the CSIR-National Botanical Research Institute, Lucknow.

The Council of Scientific and Industrial Research issued an official memorandum on August 3 stating that the arrangement followed the voluntary retirement of CSIR-NBRI Director Dr Ajit Kumar Shasany.

According to the order, the Vice-President of CSIR approved the additional responsibility for Dr Ahmed until the appointment of a regular director or until further orders, whichever is earlier…

Read More: Jammu Links News

CSIR-CSIO develops acoustic anti-drone system, seeks industry partners for production

CSIR-CSIO 05th August, 2026

With the proliferation of drones and their growing sophistication emerging as a major security challenge, the Central Scientific Instruments Organisation (CSIO) has developed an acoustic-based anti-drone system that can bring down flying unmanned aerial vehicles (UAVs) by detecting their audio signatures instead of intercepting radio links.

The system is designed to neutralise small drones by locking onto the sound signatures generated by their motors, propellers, electronic circuits and other vibrating components, and disrupting their flight path.

Scientists said the system operates without jamming the radio frequency used by hostile drones to communicate with their controllers and is capable of remotely bringing down UAVs without any external physical contact…

Read More: The Tribune

Chenab Rail Bridge Engineer Inspires Young Scientists At CSIR-IICT

CSIR-IICT

05th August, 2026

From a small village in Andhra Pradesh to playing a pivotal role in building the world's highest railway arch bridge, Prof G. Madhavi Latha's journey has become an inspiration to aspiring scientists and engineers across the country. Her inspiring story was highlighted at CSIR-IICT here on Wednesday.

The geotechnical engineering expert from the Indian Institute of Science (IISc), Bengaluru, delivered the Foundation Day Lecture at the 83rd Foundation Day celebrations of the Indian Institute of Chemical Technology (IICT), where she encouraged young researchers to embrace failure and pursue science with passion…

Read More: Deccan Chronicle

CSIR-NCL Launches Campus-wide "Catch the Rain" Campaign

CSIR-NCL

05th August, 2026

The CSIR-National Chemical Laboratory (CSIR-NCL), in collaboration with FluxGen Sustainable Technologies Pvt. Ltd., inaugurated the "Catch the Rain" Campaign on 3 August 2026, marking a significant step towards strengthening water security through scientific, technology-driven and sustainable water management practices.

The initiative marks the launch of a comprehensive campus-wide water conservation programme focused on rainwater harvesting, groundwater recharge, water-use efficiency and water recycling, aligned with the Government of India's nationwide Catch the Rain campaign. The inaugural programme, held at the CSIR-NCL Auditorium, was attended by scientists, staff members, students, industry representatives and invited guests…

Read More: Punekar News

विज्ञान संचार में हिंदी की भूमिका पर सीएसआईआर-सीडीआरआई में मंथन

CSIR-CDRI

05th August, 2026

वैज्ञानिक ज्ञान के प्रभावी प्रसार तथा राजभाषा हिंदी में विज्ञान संचार को प्रोत्साहित करने के उद्देश्य से सीएसआईआर–केंद्रीय औषधि अनुसंधान संस्थान (सीएसआईआर-सीडीआरआई), लखनऊ द्वारा “वैश्विक परिप्रेक्ष्य में औषधि अनुसंधान एवं विकास” विषय पर वैज्ञानिक राजभाषा संगोष्ठी-2026 का आयोजन किया गया। संगोष्ठी में औषधि खोज, जैव-चिकित्सीय अनुसंधान तथा जनस्वास्थ्य के क्षेत्र में हो रहे समकालीन वैज्ञानिक विकास पर विचार-विमर्श के साथ-साथ वैज्ञानिक संचार में हिंदी की बढ़ती भूमिका पर विशेष बल दिया गया।

कार्यक्रम का उद्घाटन संस्थान की निदेशक डॉ. राधा रंगराजन की अध्यक्षता में सम्पन्न हुआ। अपने अध्यक्षीय उद्बोधन में उन्होंने भारतीय भाषाओं, विशेषकर हिंदी, के माध्यम से वैज्ञानिक ज्ञान के प्रसार की आवश्यकता पर बल देते हुए कहा कि इससे विज्ञान अधिक व्यापक, समावेशी एवं जनसुलभ बनेगा।...

Read More: National News Vision

Significant Progress: CSIR-NAL Develops Indigenous Cf/C-SiC Composites and Silicon Nitride Radomes

CSIR-NAL

06th August, 2026

These Cf/C-SiC composites have been designed for critical aerospace applications such as aircraft brake disks, long-range hypersonic vehicles, and other high-temperature operating environments.

The laboratory has been engaged in the development of carbon fibre and Cf/SiC composites for over two decades. Considerable work has been carried out to establish indigenous processes that reduce dependence on imported materials and strengthen India's self-reliance in advanced aerospace technologies.

A hybrid process combining Chemical Vapour Infiltration and Liquid Silicon Infiltration has been employed to manufacture Cf/C-SiC composites. This approach has reduced manufacturing time and costs by nearly 40 to 50 per cent compared to conventional methods…

Read More: Raksha Anirveda

CSIR-NIScPR Organised Skill Training Course on “Science Communication and Emerging Trends”

CSIR-NIScPR

06th August, 2026

The CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), New Delhi, successfully organised a two-day Skill Training Course on "Science Communication and Emerging Trends" during 4–5 August 2026 under the CSIR Integrated Skill Initiative (Phase III). Organised by the Institute's Training Division, the programme witnessed the enthusiastic participation of 30 participants from universities, research institutions, academic organisations, media, and industry across the country. Designed with a strong emphasis on experiential learning, the training combined expert lectures, interactive discussions, and hands-on practical sessions to provide participants with a comprehensive understanding of modern science communication practices and emerging technologies…

Read More: PIB

Manipur's Dy. CM Nemcha Launches Mission To Transform Kangpokpi Into A High-Value Agri Hub

CSIR-NEIST

07th August, 2026

In a major push to transform the hill economy and promote turmeric cultivation as a sustainable alternative livelihood, Manipur Deputy Chief Minister Nemcha Kipgen on Thursday launched a high-level workshop on "Turmeric Cultivation and Value Chain Development" at the SH-ADC Office, Kangpokpi, unveiling an ambitious roadmap to position the district as a major turmeric production and processing hub.

The workshop, organised by the Office of the Deputy Chief Minister in collaboration with the Tribal Affairs and Hills Department and experts from CSIR-Jorhat, focused on building a stronger future through turmeric cultivation and value chain development…

Read More: Northeast Today

India develops critical equipment for International Mega Science project FAIR

CSIR-CMERI

07th August, 2026

The first of three units of beam catcher equipment, an integral part of the beam line (the path leading from particle generator to the experimental end-station) has reached the International Mega Science Project, Facility for Antiproton and Ion Research (FAIR) site and waiting for its installation. These are one of the key elements of the super fragment separator (super-FRS) that produces the radioactive beams.

The equipment is required to absorb the remnants from the primary heavy-ion beams of energy 0.4-1.5 GeV/nucleon when it hits to production target for production of radioactive beams…

Read More: PIB

CSIR-Structural Engineering Research Centre (CSIR-SERC) signs MoUs with Anurag University and SRMIST for Academic and Research Collaboration

CSIR-SERC

07th August, 2026

CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai, a premier research institute under the Council of Scientific and Industrial Research (CSIR), dedicated to advanced research in structural engineering, materials, and design technologies has signed Memorandam of Understanding (MoU) with Anurag University, Hyderabad, a leading institution of higher education and SRM Institute of Science and Technology (SRMIST), one of India's leading academic institutions, to strengthen academic and research collaboration.

The MoU was formally signed at CSIR-SERC, in the presence of the Dr. (Smt) N. Anandavalli, Director of CSIR-SERC, Chief Scientists, & officials from CSIR-SERC…

Read More: PIB

Rajasthan Chief Secretary Makes a Case for Using MSS Plus Technique for Maintenance of Bitumen Roads

CSIR-CRRI

07th August, 2026

V Srinivas, theChief Secretary, Government of Rajasthan, reviewed a meeting on the use ofModified Mix Seal Surfacing (MSSPlus) technique at a presentation during ameeting at New Delhi on August 7. Satish Pandey, the Chief Scientist at CSIR-Central Road Research Institute(CRRI) and head of Flexible Pavement Division gave a comprehensivepresentation on the MSS Plus technique in a meeting at the

Secretariat in NewDelhi. V Srinivas was participating in this meeting, where he assessed thetechnique and suggested on studying the feasibility and assessing the utility ofthis technique as per the prevalent environment in each state…

Read More: Udaipur Times

Union Minister Dr Jitendra Singh dedicates to the nation first-of-its-kind 'Eco-Educational Hub' developed by CSIR-NBRI at Lucknow

CSIR-NBRI

07th August, 2026

Union Minister of State (Independent Charge) for Science & Technology and Earth Sciences, and Minister of State in the Prime Minister's Office, Personnel, Public Grievances, Pensions, Atomic Energy and Space, and Vice-President, CSIR, Dr Jitendra Singh today called for taking the work of scientific institutions closer to society by systematically showcasing their technologies, success stories and societal applications, while dedicating to the nation, the first-of-its-kind CSIR-National Botanical Research Institute (CSIR-NBRI) 'Eco-Educational Hub' 'Prakriti Gyan Dham' at the Maharishi Parashar Bioresource Centre (MPBC), Banthra, Lucknow…

Read More: PIB

CSIR-NIScPR Conducted Two-day Skill Training Program on “Popular Science Writing” and Motivated Participants to Communicate Science to Layman

CSIR-NIScPR

08th August, 2026

CSIR-National Institute of Science Communication and Policy Research (NIScPR), New Delhi, successfully organised a two-day Skill Training Program on “Popular Science Writing” during 6–7 August 2026 under the CSIR Integrated Skill Initiative (Phase III). The program aimed to strengthen the science communication and writing skills of researchers, academicians, scientists, students, IT professionals, and R&D personnel. A total of 21 participants from across the country attended the Program. The Program was inaugurated by Dr. Geeta Vani Rayasam, Director, CSIR-NIScPR, who encouraged participants to communicate scientific research in a simple, accurate, and engaging manner to promote scientific temper…

Read More: PIB

A genetic blueprint for saving Asia's iconic hornbills

CSIR-CCMB

08th August, 2026

With oversized beaks, striking casque structures and distinctive calls, hornbills are among the most recognisable birds of the wet tropics. Yet behind their charismatic appearance lies a growing conservation concern. Many species face mounting pressure from habitat loss, forest fragmentation, hunting and illegal wildlife trade. Several now survive in small, isolated populations across south and southeast Asia, raising concerns about their long-term survival.

A new study by scientists from the CSIR-Centre for Cellular and Molecular Biology (CCMB), Hyderabad and Nature Conservation Foundation (NCF), Mysore, offers insight into how these birds evolved and how their populations have changed over time…

Read More: The Hindu

New mystery microbe found in toxic pesticide dump could hold key to new medicines

CSIR-IMTECH

08th August, 2026

Researchers have discovered a new species of bacteria thriving in the harsh, toxic soil of a banned pesticide dumpsite. The microbe, named Microbacterium pollutisoli, was isolated from the earth in Ummari village, Uttar Pradesh, by a research team from the University of Delhi and the CSIR-Institute of Microbial Technology. While the site is heavily contaminated with Hexachlorocyclohexane (HCH), a dangerous pesticide banned globally for its links to cancer, this tiny organism has not only adapted to the environment but carries genetic tools that could eventually help produce new vitamins and antibiotics…

Read More: Research Matters

CSIR lab develops glue for rapid wound closure

CSIR-IICT 08th August, 2026

The Indian Institute of Chemical Technology (IICT), a laboratory under the Council of Scientific and Industrial Research (CSIR), has developed a unique adhesive to close wounds following surgeries and in accident cases, officials said on Saturday.

The product has been licensed and IICT has already partnered with a pharmaceutical company for its launch. The laboratory is now looking for additional industry partners to facilitate wider commercialisation of the technology.

According to researchers, the indigenous tissue adhesive is biocompatible and based on alkyl 2-cyanoacrylate technology. It is designed for rapid wound closure and tissue sealing, providing instant bonding under moist conditions and reducing the need for sutures in selected surgical procedures…

Read More: Daiji World

Science must move beyond labs & connect with society': Jitendra Singh

CSIR-NBRI

09th August, 2026

Scientific institutions must move beyond laboratories and develop solutions that directly benefit society, Union minister of state for science and technology Jitendra Singh said on Saturday while dedicating NBRI's Eco-Educational Hub, Prakriti Gyan Dham, at Banthra to the nation. Singh said the facility would link science, sustainability and public participation while helping preserve India's botanical heritage. He called for greater

collaboration among institutions under the ministry and joint programmes to promote scientific awareness. Singh stressed the need to combine traditional knowledge with modern technology to address environmental and climate challenges…

Read More: Times of India

Record sail: Nine Indian women military officers set new benchmarks with their historic circumnavigation

CSIR-NIO

09th August, 2026

When nine women officers of the Indian Army, Navy and Air Force stepped ashore from the Indian Army Sailing Vessel (IASV) Triveni after successfully circumnavigating the globe, the historic 314-day voyage sparked jubilation. Led by Lieutenant Colonel Anuja Varudkar, the world's first all-women tri-services Samudra Pradakshina expedition was back in Mumbai after sailing nearly 25,500 nautical miles across four major oceans.

The feat has added another feather in the cap of women officers of the Indian armed forces. In May last year, Naval officers Lieutenant Commander Dilna K and Lieutenant Commander Roopa A became the first Indian women to sail the earth in a double-handed, wind-powered voyage spanning 239 days …

Read More: The Tribune

Water purifiers developed during Rajasthan deluge delivered to flood-hit Assam

CSIR-NEERI

09th August, 2026

A set of specialised water purifiers developed during the 2006 deluge in Barmer, Rajasthan, has been delivered to the flood-hit districts of Charaideo, Jorhat, and Sivasagar in eastern Assam.

On Sunday (August 9, 2026), two scientists from the Nagpur-based Council of Scientific and Industrial Research–National Environmental Engineering Research Institute (CSIR-NEERI) began distributing 100 units of the emergency insta-portable water purification system. The system is called NEERI-ZAR.

CSIR-NEERI's Atul Maldhure and Kumar Amrit assembled the filtration units at the CSIR-North East Institute of Science and Technology in Jorhat. These will be distributed by Monday (August 10)…

Read More: The Hindu

CSIR-NCL Develops New Electrochemical Method to Break Down Hard-to-Recycle Polyurethane

CSIR-NCL 10th August, 2026

Scientists at the CSIR-National Chemical Laboratory (NCL), Pune, have developed a new electrochemical method to break down polyurethane, a plastic that is considered particularly difficult to recycle.

Unlike conventional chemical processes that often require temperatures above 150°C, high pressure or expensive metal catalysts, the new method can work at around 60°C.

The research was conducted by Adarsh Singh and Ramesh C. Samant from NCL's Organic Chemistry Division. Their findings have been published in the international research journal Angewandte Chemie International Edition.

Why polyurethane is difficult to recycle

Polyurethane is widely used to make products such as flexible pipes, covers and other soft and hard materials…

Read More: The Bridge Chronicle

AI policies may need to change every few months as technology evolves: CSIR-NIScPR Director

CSIR-NIScPR

10th August, 2026

Policies governing the use of artificial intelligence (AI) in research and publishing may need to be revised every few months as technological capabilities evolve rapidly, CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR) Director Geetha Vani Rayasam said on Monday.

Responding to a query of ANI on the sidelines of PubliCon 2026 on "Copyright, Research Integrity and Publishing in the AI Era", organised by FICCI, she said "Earlier, you make a policy to last for many years or many decades, in fact. But now your policies may have to change every few months because the capabilities are changing."

She said the rapid pace at which new AI models and capabilities are emerging has created a need for dynamic policymaking rather than relying on guidelines designed to remain unchanged for years…

Read More: The Tribune

लखनऊ में CSIR-NBRI का पहला Eco-Educational Hub, Experiential Learning को मिलेगा बढ़ावा

CSIR-NBRI

10th August, 2026

केंद्रीय विज्ञान एवं प्रौद्योगिकी राज्य मंत्री डॉ. जितेंद्र सिंह ने लखनऊ में प्रकृति ज्ञान धाम (Prakriti Gyan Dham) का उद्घाटन किया। यह CSIR-राष्ट्रीय वनस्पति अनुसंधान संस्थान (CSIR-NBRI) द्वारा विकसित पहला Eco-Educational Hub है। इसका उद्देश्य जैव विविधता संरक्षण, भारतीय वनस्पति विरासत, पर्यावरण शिक्षा और Experiential Learning यानी अनुभव के जरिए सीखने को बढ़ावा देना है।यह केंद्र लखनऊ के बंथरा स्थित महर्षि पराशर बायोरिसोर्स सेंटर में स्थापित किया गया है।

प्रकृति ज्ञान धाम को एक ऐसे जीवंत शैक्षिक केंद्र के रूप में विकसित किया गया है, जहां छात्र और शोधकर्ता किताबों तक सीमित न रहकर पौधों, जैव विविधता और पर्यावरण को सीधे देखकर और समझकर सीख सकेंगे। यहां वैज्ञानिक शोध को समाज से जोड़ने पर विशेष जोर दिया गया है...

Read More: Entrepreneur India

Tata Memorial Centre, CSIR to study genetic factors associated with cancer

CSIR-IGIB

11th August, 2026

The Tata Memorial Centre (TMC) will collaborate with the CSIR-Institute of Genomics and Integrative Biology (IGIB) to study biological and genetic factors associated with cancer in the North East region.

TMC has informed a house panel that it will formally write to CSIR-IGIB to seek this collaboration in addition to the existing ones between the two institutions.

The Parliamentary Committee on Science and Technology in March had expressed concern over the rising cancer burden in India, particularly in the North-East. It had advised the TMC and CSIR-IGIB to identify population-specific genetic risk factors and genomic signatures that could help develop targeted prevention, early detection and treatment strategies.

TMC informed the panel that its Centre for Cancer Epidemiology has already conducted large-scale genome-wide studies…

Read More: The Tribune

Lavender is a symbol of new Kashmir. Next frontier is turning Purple Revolution into profit

CSIR-IIIM

11th August, 2026

Every summer, parts of Jammu and Kashmir turn purple. For 28-year-old Madeeha Talat, those fields looked less like a tourist attraction than an unfinished business opportunity.

Lavender is a symbol of the new Kashmir narrative. The 'Purple Revolution'—a push to make lavender as closely associated with J&K as apples and saffron—has been gathering pace for a decade. But when Talat returned to Srinagar in 2019, she found that the 'Purple Revolution' was in a holding pattern. Farmers were growing lavender. Distillation units were extracting essential oil. Then the value chain ended…

Read More: The Print

A recent study used hormone analysis of tiger scats to conclude tourism could affect their reproduction. It kick-starts an important conversation

CSIR-CCMB

11th August, 2026

Every tiger reserve in India now faces the same difficult balancing act. On one side lies an expanding tourism industry that has become politically and economically inseparable from tiger conservation. On the other lies the question that has become increasingly difficult to answer with certainty: what does constant human presence actually do to wild tigers?

Tourism inside protected areas has long been viewed as a conservation success story. It generates revenue for park management, supports local livelihoods and builds political support for protecting forests. Yet the same vehicles that carry tourists through tiger reserves also introduce noise, visual disturbance and repeated human presence into landscapes that evolved without them.

Do these disturbances matter? And if they do, how should we measure their effects?…

Read More: Down to Earth

2nd Phase Of SDP On GasChromatography-Mass SpectrometryBegins At CSIR-IIIM, Jammu

CSIR-IIIM 11th August, 2026

CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu, on Tuesday commenced a 2nd phase of three day SDP on Gas Chromatography-MassSpectrometry (GC-MS) under the CSIR-Integrated Skill Initiative, aimed at providingparticipants with hands-on exposure to advanced analytical techniques, instrumentation,sample preparation, method development and data interpretation.

Addressing the inaugural session, Dr Zabeer Ahmed, Director, CSIR-IIIM Jammu and CSIR-NBRI Lucknow, welcomed the participants and highlighted the broader role of CSIR-IIIM incontributing to different sections of society through scientific research, skill development,farmer support, startup incubation and collaboration with government and industry.

Dr Zabeer Ahmed said the 2nd phase of 3 day SDP programme on GC-MS was one amongseveral initiatives through which the institute was working to equip students, scholars andyoung professionals with practical skills relevant to research and employment…

Read More: Greater Noida

Two researchers wearing protective laser safety glasses and purple gloves align optical components emitting green light on an optics table in a laboratory

CSIR, CSIR-CSIO, AcSIR

11th August, 2026

Researchers have developed a full-color near-eye display that uses three stacked holographic gratings, each engineered to direct red, green or blue light. The new design could help advance compact, energy-efficient augmented reality (AR) glasses for use in a variety of professional and consumer applications.

Holographic gratings are microscopic optical structures that use a laser-recorded interference pattern to precisely redirect and shape light. In a near-eye display, they can be used to couple light into and out of a transparent waveguide, allowing digital images to be delivered to the viewer's eye.

"As augmented reality becomes increasingly integrated into everyday life, there is a growing need for lightweight, energy-efficient and easy-to-manufacture…

Read More: Eurekalert

CSIR-CIMAP signs pact to conserve Maharashtra's Vasmat Haldi

CSIR-CIMAP

12th August, 2026

The CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP) will undertake research and conservation of Maharashtra's GI-tagged Vasmat Haldi under a new collaboration with the Balasaheb Thackeray Haridra (Turmeric) Research and Training Center, Maharashtra. The collaboration was announced during CIMAP's 48th annual day celebrations in Lucknow on Tuesday.

The institute also transferred 16 herbal formulation technologies, filed six patents, signed 23 institutional and industrial agreements, and released six new varieties of medicinal and aromatic plants.…

Read More: Times of India

Palampur institute aims to be global technology leader in Himalayan bioresources sustainable use

CSIR, CSIR-CSIO, AcSIR

12th August, 2026

The CSIR-Institute of Himalayan Bioresource Technology (CSIR-IHBT), Palampur, has emerged as one of India's leading centres for research on Himalayan bioresources, biotechnology and sustainable agriculture. Under the leadership of Director Dr Sudesh Kumar Yadav, the institute has expanded its research portfolio from medicinal and aromatic plants to artificial intelligence, genome editing, floriculture, natural sweeteners, climate-resilient agriculture and bioeconomy.

In an exclusive interview with Ravinder Sood, Dr Sudesh Kumar Yadav discusses the achievements, future roadmap of the institute and its growing contribution to society.

Our vision is to become a global leader in technologies that promote the sustainable utilisation of Himalayan bioresources. We are working to convert the immense biological wealth of the Himalayas into technologies, products and processes to benefit society, farmers, industries and the environment…

Read More: The Tribune

CSIR–NPL's Precision Time Network Lays the Foundation for Trusted Digital Infrastructure

CSIR-NPL

12th August, 2026

India's critical digital infrastructure depends on a shared and accurate time reference. Today, much of that ultimately comes from external systems such as the Global Positioning System (GPS). While these systems are reliable, relying entirely on them creates an unnecessary strategic dependence for critical infrastructure.

An indigenous Precision Time Protocol (PTP) network provides India with its own trusted national time reference, traceable to Indian Standard Time maintained by the Council of Scientific and Industrial Research–National Physical Laboratory (CSIR–NPL). In that sense, it is similar to digital public infrastructure such as Aadhaar and the Unified Payments Interface (UPI). Its significance lies in providing a trusted public utility on which financial markets, telecom networks, power systems and emerging digital services can rely. It also strengthens resilience by enabling critical infrastructure to continue operating even when external timing sources are disrupted…

Read More: The Policy Edge

CSIR-IICT signs technology transfer agreement for diabetic foot ulcer treatment

CSIR-IICT

12th August, 2026

CSIR–Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, has signed a Technology Transfer Agreement with Phytopharmaceutical industry for the treatment of diabetic foot ulcers.

The technology also holds potential for applications in other chronic wounds and inflammatory skin disorders. The development represents an important step in translating India's traditional botanical resources into scientifically validated, evidence-based therapeutic products with potential for clinical and global regulatory development.

Read More: Telangana Today

PFAS: CSIR–IITR Lucknow Develops Technology To Detect, Remove Cancer-Linked 'Forever Chemicals'

CSIR-IITR

12th August, 2026

Amid growing concerns over the presence and exposure of per- and polyfluoroalkyl substances (PFAS), often called "forever chemicals" in food, scientists at the Indian Institute of Toxicology Research (IITR) Lucknow, Uttar Pradesh have developed technology that can detect 45 types of PFAS and remove up to 90 per cent of the chemicals from contaminated water.

PFAS is an extremely hazardous, large group of man-made chemicals that is gradually entering the human body through food packaging materials, water, and other sources. Some PFAS persist in the environment for a long time, with a lifecycle estimated to exceed 100 years.

Once released into the environment, these chemicals persistently pollute water, soil, and other natural resources for decades. Over time, they leach into food and water sources, eventually entering the human body…

Read More: ETV Bharat

Pimelic Acid Boosts Plant Immunity and Growth Across Crops

CSIR-IHBT 12th August, 2026

What was the core problem you aimed to solve with this research?

Plants constantly face attacks from pathogens and harsh environmental conditions. Although several natural molecules can boost plant immunity, they usually reduce growth, creating a long-standing defence-growth trade-off. We wanted to discover whether plants naturally produce molecules that could enhance disease resistance without compromising growth. This led us to investigate pimelic acid, a previously overlooked plant metabolite whose biological function was completely unknown.

How did you go about solving this problem?

We began by asking a simple question: What is the role of pimelic acid in plants? Although this naturally occurring molecule accumulates under stress, its biological function was unknown…

Read More: Bio Patrika

Andhra Pradesh signs MoU with CSIR-NGRI to mine lithium

CSIR-NGRI

13th August, 2026

The Andhra Pradesh government has signed a Memorandum of Understanding (MoU) with the CSIR-National Geophysical Research Institute (NGRI) for extensive exploration of lithium and gallium deposits in Vempalle area of Kadapa Basin.

The MoU was signed between NGRI and the Mines and Geology Department at the State Secretariat on Wednesday in the presence of Chief Minister N Chandrababu Naidu.

Preliminary studies conducted by NGRI in and around Thummalapalle had indicated the presence of lithium and gallium minerals in Kadapa Basin…

Read More: New Indian Express

All India Hindi Technical Seminar 2026

CSIR-SERC

13th August, 2026

The CSIR–Structural Engineering Research Centre (CSIR-SERC), Chennai is organizing the All India Hindi Technical Seminar 2026, at CSIR-SERC, during 13-14 August 2026. The seminar aims to promote Hindi in scientific fields and share research advancements. The theme of the seminar is Developed India @ 2047: Advanced Engineering, Innovation and Sustainable Technologies. Scientists, researchers and academicians from across the country are participating in large numbers.

he inaugural session of the seminar was organized on 13 August 2026, at 10 AM. Dr. N. Anandavalli, Director, CSIR-SERC, presided over the function…

Read More: PIB

Fifty years ago | Science for villages: CSIR's efforts

CSIR-IHBT

14th August, 2026

A science centre, similar to the one coming up at Bombay, will be set up soon at Delhi by the Council of Scientific and Industrial Research. Mobile science museums, designed to move into the villages, will also be started in the districts.

Disclosing this at a meeting of the Madras Press Club to-day, Dr. Y. Nayudamma, Director General of the CSIR, said that popularisation of science was imperative for developing the capabilities of individuals. The aim was to bring out creative and innovative talents. Dr. Nayudamma said that it was the duty of scientists not only to produce relevant technology but also see that it was assimilated by the people. Unless, there was the ability to absorb and use science and technology as an instrument …

Read More: The Hindu

सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

CSIR INDIA

CSIR India

CSIR_IND

csirindia

CSIR India

CSIR India

CSIR Podcast

www.csir.res.in

Follow CSIR on social media for the latest updates!