सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

News Bulletin
01 To 15 October 2026

CSIR in Media

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

CSIR-IITR at 85: Experts urge science-to-society push beyond labs

CSIR-IITR 29th September, 2026

Scientists and industry leaders at the 85th Foundation Day celebrations of Council of Scientific and Industrial Research (CSIR) at Indian Institute of Toxicology Research (IITR) on Monday said science must move beyond laboratories and research papers to deliver technologies that reach people.

Speakers highlighted the need for stronger collaboration between research institutions and industry, and for scaling up innovations for real-world deployment. They said emerging areas including artificial intelligence, synthetic biology, advanced computing, personalised healthcare, telemedicine, low-cost diagnostics and next-generation risk assessment are likely to shape the next decade of applied research and public-facing technologies.

SP Vasireddi, executive chairman of Vimta Labs Ltd, Hyderabad, and the chief guest, said successful science should generate societal value along with business value, keeping people at the centre of innovation. He urged researchers to focus on collaboration, technology scale-up, manufacturing and large-scale deployment rather than limiting outcomes to publications…

Read More: Times of India

CMPDI and CSIR-CIMFR Join Hands to Accelerate Coal Gasification Projects in India

CSIR-CIMFR

29th September, 2026

Central Mine Planning and Design Institute Limited (CMPDI), Ranchi, and CSIR-Central Institute of Mining & Fuel Research (CSIR-CIMFR), Dhanbad, signed an MoU for scientific cooperation in the field of Coal Gasification on 29th September 2026 at CSIR-CIMFR office, Dhanbad.

The MoU was signed by Vikrant Gupta, HOD, Business Development, CMPDI, and Amar Nath, Scientist-G, Head, Technology Management & International S&T Affairs Division, CSIR-CIMFR in the august presence of Chaudhari Shivraj Singh, Chairman-cum-Managing-Director (CMD), CMPDI; R.T Mandekar, Director General of the Directorate General of Mines Safety (DG-DGMS); Prof. Arvind Kumar Mishra, Director, CSIR-CIMFR; B.K.Pandey, GM(Clean Energy Department), CMPDI and Ghanshyam S. Gahlot, Regional Director, CMPDI, RI-II, Dhanbad…

Read More: Industrial Punch

What DNA reveals about 65,000 years of Indian ancestry

CSIR-CCMB

30th September, 2026

What can our DNA tell us about where Indians came from? How far back can scientists trace human migration? And can artificial intelligence help decode the genetic history of one of the world's most diverse populations?

For Dr Kumarasamy Thangaraj, a geneticist at the CSIR-Centre for Cellular and Molecular Biology (CSIR-CCMB), Hyderabad, these questions have shaped more than three decades of scientific research. A CSIR Bhatnagar Fellow, Dr Thangaraj has worked extensively on population genetics and human evolution. His research has helped trace the ancestry and migration of Indian populations, including studies of the Andaman tribal populations that provided evidence for an early modern human migration out of Africa through a southern coastal route about 65,000 years ago.

Born in Cheyyur, Tamil Nadu, Dr Thangaraj spent his early years in a village environment before moving to Chennai for higher education. He joined CCMB in Hyderabad in 1993 and has since built a career studying the genetic history of Indian populations and the health consequences of endogamy…

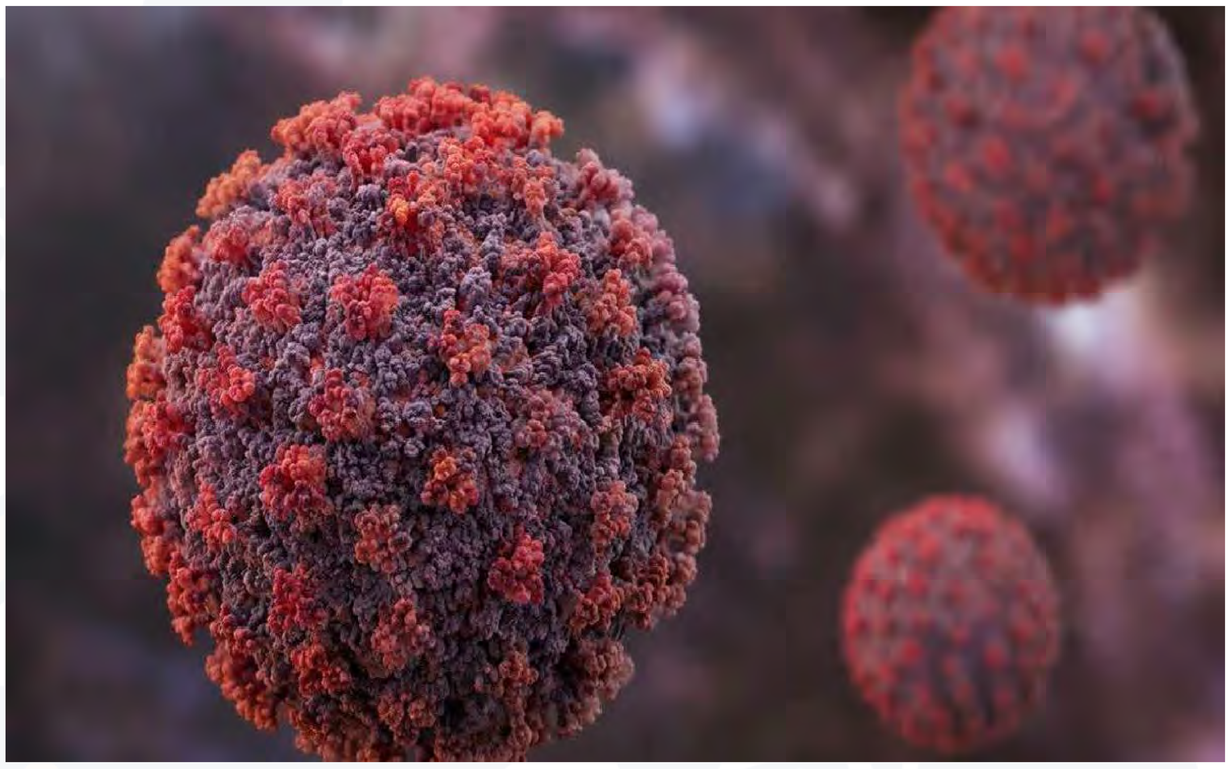
Read More: The New Indian Express

Repeated Flu And Covid-19 Infections Linked To Higher Parkinson's Risk, CSIR-CCMB Study Finds

CSIR-CCMB

01st October, 2026

Do viral infections like influenza and Covid-19 lead to severe neurological disorders? Does repeated exposure to viruses increase the risk of developing Parkinson's disease? A study conducted by scientists at the Centre for Cellular and Molecular Biology (CCMB) in Hyderabad has revealed key insights into these questions.



What exactly happens to the brain?

Influenza and Covid-19 are caused by RNA viruses. Typically, in the brains of individuals suffering from Parkinson's disease, a protein called alpha-synuclein accumulates into abnormal clumps. This disrupts communication between nerve cells…

Read More: ETV Bharat

IIT Delhi and AcSIR to Enable Cross-Institutional Research, Faculty Collaboration

CSIR-AcSIR

30th September, 2026

The Indian Institute of Technology Delhi (IIT Delhi) and the Academy of Scientific and Innovative Research (AcSIR) have signed a Memorandum of Understanding (MoU) to expand collaborative research, faculty engagement and student exchange between the two institutions.

The agreement establishes a framework for joint research projects, co-supervision of postgraduate research students and academic exchanges involving students, research scholars and faculty members. It will bring together IIT Delhi's academic and research capabilities with the extensive network of research institutes associated with AcSIR, including those under theCouncil of Scientific and Industrial Research (CSIR) and the Indian Council of Medical Research (ICMR)…

Read More: Tehelka

CSIR-NBRI Celebrates 85th Foundation Day in Lucknow

CSIR-NBRI

30th September, 2026

The CSIR-National Botanical Research Institute (CSIR-NBRI), Lucknow, celebrated the 85th CSIR Foundation Day at the Lotus Auditorium, K.N. Kaul Block, with scientists, research scholars and institute staff coming together to mark the occasion.

Dr Kanad Das, Director, Botanical Survey of India, Ministry of Environment, Forest and Climate Change, attended the programme as the chief guest. CSIR-NBRI Director Dr Zabeer Ahmed, in his welcome address, highlighted CSIR's contribution to India's scientific and technological capabilities, noting that its network comprises 37 institutions, 39 outreach centres, an innovation complex and five units, with around 3,200 live patents and more than 900 commercialised technologies…

Read More: Jammu Links News

Can Bangladesh Adopt India's Traditional Knowledge Digital Library Model?

CSIR-TKDL

30th September, 2026

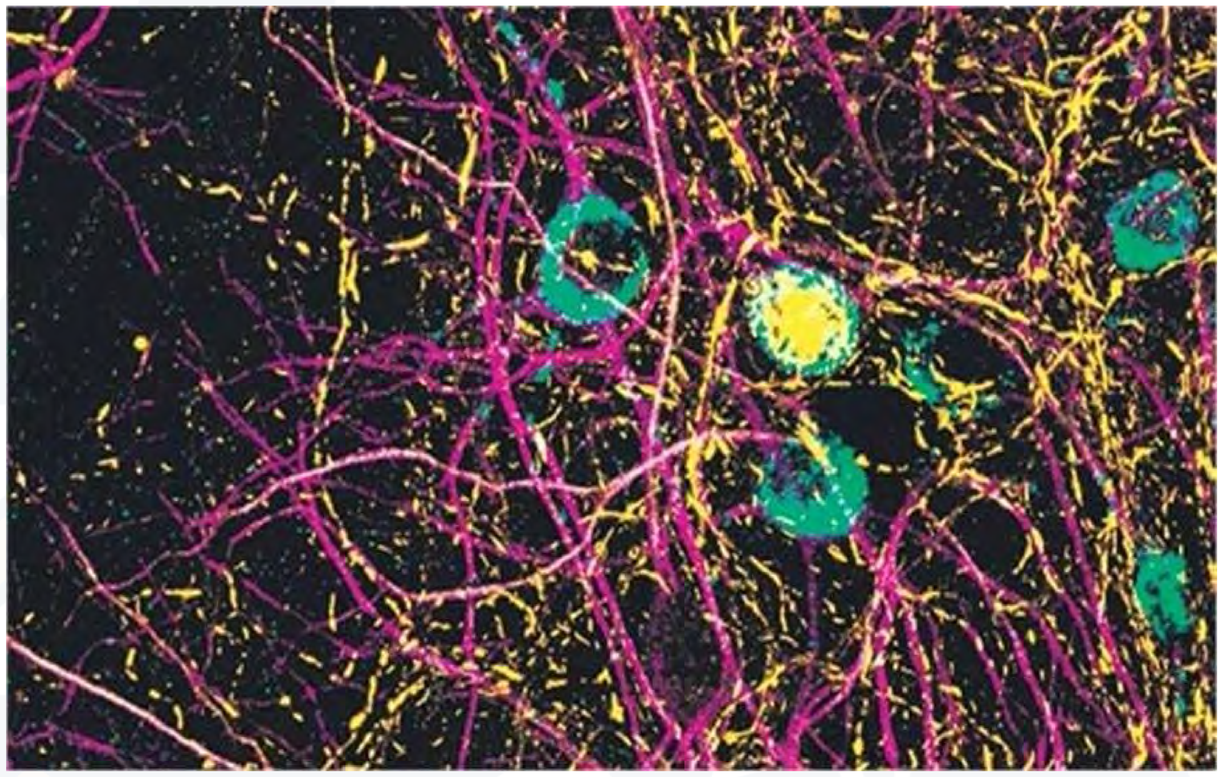
In a village pharmacy in rural Bangladesh, a Kabiraj mixes a paste of medicinal plants to treat fever, using a remedy passed down orally through generations. Yet if a foreign laboratory isolates a compound from those same plants and files a patent application abroad, Bangladesh may struggle to demonstrate that the underlying knowledge already existed. This vulnerability is precisely what India set out to address more than two decades ago with its Traditional Knowledge Digital Library (TKDL). As Bangladesh holds a similarly rich body of Ayurvedic, Unani, folk and indigenous knowledge, an important legal and economic question arises: could Bangladesh adapt the TKDL model, and if so, how?…

Read More: Daily Asian Age

वायरल इंफेक्शन से पार्किंसंस का खतरा: स्टडी में बड़ा खुलासा, जानें दिमाग में कैसे जमा होते हैं जहरीले प्रोटीन

CSIR-CCMB

30th September, 2026



एक नई स्टडी में चौंकाने वाली जानकारी सामने आई है। वायरल इन्फेक्शन से होने वाले मॉलिक्यूलर बदलाव कैसे पार्किंसंस जैसी न्यूरोडीजेनेरेटिव बीमारियों का रास्ता खोल सकते हैं। न्यूरोडीजेनेरेटिव बीमारियों की पहचान दिमाग में अमाइलॉइड जमा होने से होती है -- ये असामान्य गुच्छे होते हैं जो तब बनते हैं जब प्रोटीन एक साथ जमा हो जाते हैं।

हैदराबाद में काउंसिल ऑफ साइंटिफिक एंड इंडस्ट्रियल रिसर्च (CSIR)-सेंटर फॉर सेलुलर एंड मॉलिक्यूलर बायोलॉजी (CCMB) के रिसर्चर्स ने कहा कि अमाइलॉइड न्यूरॉन्स के बीच जानकारी के ट्रांसमिशन में बाधा डालते हैं, जिससे कामकाज पर बुरा असर पड़ता है। पार्किंसंस बीमारी में, 'अल्फा-सिन्यूक्लिन' (α-Synuclein) प्रोटीन मरीज़ों के दिमाग में अमाइलॉइड के गुच्छे बनाता है...

Read More: Punjab Kesari

सीएसआईआर-एनएमएल ने मनाया 85वां स्थापना दिवस

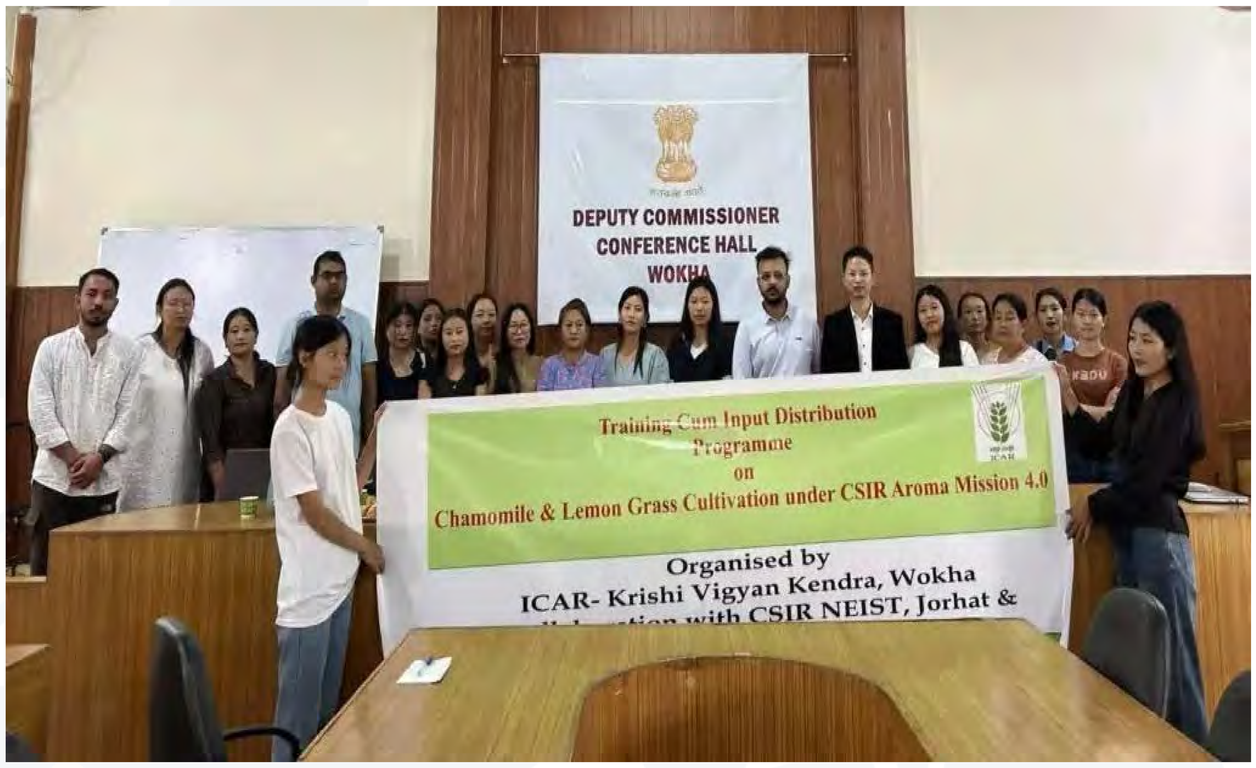
सीएसआईआर-राष्ट्रीय धातुविज्ञान प्रयोगशाला (एनएमएल), जमशेदपुर में 85वां सीएसआईआर स्थापना दिवस हर्षोल्लास के साथ मनाया गया। कार्यक्रम का शुभारंभ पारंपरिक दीप प्रज्वलन और राष्ट्रगीत 'वंदे मातरम' से हुआ। समारोह के मुख्य अतिथि हिंदुस्तान कॉपर लिमिटेड के सीएमडी अनुपम मिश्रा रहे, जबकि अध्यक्षता प्रयोगशाला के निदेशक डॉ. संदीप घोष चौधरी ने की।इस अवसर पर निदेशक डॉ. चौधरी ने संस्थान की गौरवशाली यात्रा और राष्ट्र निर्माण में इसके योगदान को

रेखांकित किया। मुख्य अतिथि अनुपम मिश्रा ने अपने स्थापना दिवस व्याख्यान में कार्यस्थल की सुरक्षा, कर्मचारियों के कल्याण और अनुसंधान को औद्योगिक अनुप्रयोगों से जोड़ने पर जोर दिया। उन्होंने मानव संसाधन प्रबंधन के लिए महत्वपूर्ण '24-48' और '2-3/20-25' सिद्धांतों का भी उल्लेख किया...

Read More: Live Hindustan

वोखा में खुशबूदार पौधों पर ट्रेनिंग हुई

29 सितंबर को वोखा के DC कॉन्फ्रेंस हॉल में खुशबूदार पौधों पर एक दिन का ट्रेनिंग प्रोग्राम आयोजित किया गया, जिसमें किसानों को अच्छी क्वालिटी के पौधे लगाने का सामान बांटा गया। यह प्रोग्राम CSIR अरोमा मिशन 4.0 के तहत CSIR NEIST, जोरहाट के सहयोग से ICAR KVK वोखा ने आयोजित किया था। खास मेहमान के तौर पर बोलते हुए, EAC वोखा संगमौ खियामनियुंगन ने कहा कि इस प्रोग्राम की सफलता को सिर्फ़ बीज और पौधे बांटने से नहीं मापा जाना चाहिए, बल्कि



इस बात से मापा जाना चाहिए कि क्या किसान इन पौधों की खेती सफलतापूर्वक कर पा रहे हैं और उनसे कमाई का टिकाऊ ज़रिया बना पा रहे हैं...

Read More: Janta Serishta

CSIR-NIO Goa experts identify 14 breachprone stretches along river Godavari in Konaseema

CSIR-NIO

30th September, 2026

Experts from the National Institute of Oceanography (NIO-Goa), led by Chief Scientist Jaya Kumar Seelam, have identified 14 locations prone to breaches along the banks of the Gouthami and Vasista, branches of the Godavari river, in Dr.B.R.Ambedkar Konaseema district.Originating in Maharashtra, the Godavari river confluences into the Bay of Bengal in Dr.B.R.Ambedkar Konaseema and West Godavari districts. Theriver witnesses at least two floods every year.At a review meeting with revenue and water resource department officials on Wednesday, Dr. B. R. Ambedkar Konaseema District Collector R. Mahesh Kumar directed officials to prepare a Detailed Project Report (DPR) and socio-economic study on the impact on the villages, crops…

Read More: The Hindu

Advancing CSIR's Smart Village Initiative: IHBT Engagement in Jhundi Village (HP)

CSIR-IHBT

30th September, 2026

Under the aegis of the Ministry of Science and Technology, Government of India, the Council of Scientific and Industrial Research (CSIR) has identified Jhundi Village (Thunag Tehsil, District Mandi, HP) for its Mission Mode Project, "SMART VILLAGE." This selection aligns with the overarching vision of "Viksit Bharat @2047" and follows a rigorous technical assessment identifying the area's acute developmental gaps and disaster-prone geography. Interventions will strictly focus on building disaster-resilient infrastructure, enhancing bioresource utilization, and fostering economic growth via crop diversification. In furtherance of these objectives, a team from CSIR-IHBT visited the village from 28-30 September, 2026 to outline the execution roadmap…

Read More: Himachal Headlines

Supreme Court weighs in favour of conditional relaxation on next-gen joined green crackers ahead of festive season

CSIR-NEERI 30th September, 2026

Ruling out a nationwide ban on firecrackers, the Supreme Court on Wednesday (September 30, 2026) accepted suggestions by the Council of Scientific and Industrial Research-National Environmental Engineering Research Institute (CSIR-NEERI) for a "limited and conditional relaxation". The court backed the premier scientific body's recommendations for manufacture of next-generation joined green crackers in compliance with applicable noise, emission, and safety requirements ahead of the Deepavali festivities.

From 2025: Have 'green' crackers brought down pollution?

Appearing before a Bench headed by Justice M.M. Sundresh, Additional Solicitor General Aishwarya Bhati, for the Centre, said the CSIR-NEERI has recommended that green crackers conform to specification.…

Read More: The Hindu

AP set to pilot 3D-printed houses under PMAY-G

CSIR-CBRI

30th September, 2026

In a first-of-its-kind initiative in rural housing construction in the state, the Andhra Pradesh govt is set to use 3D printing technology to construct houses for beneficiaries under the Pradhan Mantri Awas Yojana-Gramin (PMAY-G).

The state govt, in partnership with the Central Building Research Institute (CBRI), Roorkee, and the Ministry of Rural Development, will initially pilot the construction of around 100 houses using 3D printing technology at Burripalem village in Tenali.

Chief minister N Chandrababu Naidu, along with Union minister of state for Rural Development Dr Pemmasani Chandrasekhar, will launch the construction of the PMAY-G houses using 3D printing technology at Burripalem village on Oct 4…

Read More: Times of India

Cooperation between the Nalanda University and the CSIR-Traditional Knowledge Digital Library (CSIR-TKDL) Unit for research and capacity-building in the areas of Traditional Knowledge (TK), Intellectual Property Rights (IPR), People's Rights and Cultural Heritage

CSIR-TKDL

01st October, 2026

Nālandā University (NU) and the CSIR–Traditional Knowledge Digital Library (CSIR-TKDL) Unit have signed a Memorandum of Understanding today to establish a structured collaboration for academic, research and capacity-building cooperation in the areas of Traditional Knowledge (TK), Intellectual Property Rights (IPR), People's Rights and Cultural Heritage, including Traditional Cultural Expressions (TCEs). The MoU was signed by Prof. Sachin Chaturvedi, Vice Chancellor, Nālandā University and Dr. Viswajanani J Sattigeri, Scientist-H and Head, CSIR-TKDL Unit, in the presence of the faculty members of the Nālandā University and senior officials of the CSIR-TKDL Unit…

Read More: PIB

Spintronics AI and CSIR-CEERI Partner to Advance GaN Technology in India

CSIR-CEERI

01st October, 2026

Spintronics AI Semiconductors, a Hyderabad-based company developing indigenous Gallium Nitride (GaN) technologies and products, has signed a Memorandum of Understanding (MoU) with CSIR–Central Electronics Engineering Research Institute (CSIR-CEERI). Under the MoU, the two organisations have formed a strategic Technology and Design Transfer partnership focused on GaN technology. SpintronicsAI Semiconductors is the first company in India to enter into such a partnership with CSIR-CEERI.Situated around 55km from Srinagar…

Read More: Times Tech

CSIR-CCMB develops India-specific tool to predict Sickle Cell severity

CSIR-CCMB

02nd October, 2026

Doctors may soon have a more reliable way to predict how severely sickle cell anaemia (SCA) will affect Indian patients, thanks to a new India-specific disease severity score developed by scientists at the CSIR-Centre for Cellular and Molecular Biology (CCMB).Potential impact of the India-specific toolThe new tool, developed using clinical data from Indian children, could improve treatment decisions and disease management as existing international scoring systems do not

accurately reflect the clinical profile of Indian patients with SCA, whose disease patterns often differ from those seen in African and Western populations…

Read More: The Hindu

CSIR-NEERI Celebrates 85th Foundation Day; Chandrayaan Missions and Future Lunar Exploration Highlighted

CSIR-NEERI

02nd October, 2026

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI) celebrated its 85th Foundation Day on October 1, 2026, at the NEERI Auditorium in Nagpur, with a series of programmes highlighting India's scientific achievements and the institute's contributions to environmental research.

Dr. Prakash Chauhan, Director, National Remote Sensing Centre (NRSC), ISRO, Hyderabad, was the Chief Guest, while Dr. S. Venkata Mohan, Director, CSIR-NEERI, was also present.

Delivering the Foundation Day Lecture on 'Exploring Earth's Moon with Indian Lunar Missions', Dr. Chauhan said that India had emerged as a major space-faring nation, making remarkable progress from its early space programme…

Read More: PIB

CSIR-IHBT experts visit Assam village, assess apple plant growth

CSIR-IHBT

04th October, 2026

The CSIR-Institute of Himalayan Bio-resource Technology (CSIR-IHBT), Palampur, is driving rural transformation in Junakimondal village of Jorhat district in Assam under the CSIR's "Smart Village" mission, aligned with the Central Government's vision of Viksit Bharat @2047.

As part of the initiative aimed at promoting sustainable rural development through targeted technological interventions, a team of experts from the CSIR-IHBT, Palampur, visited the village from September 29 to October 1 to assess the progress of various interventions and strengthen engagement with the local community…

Read More: The Tribune

In a first, Ladakh grows saffron on a large scale: Why are Iranian corms being tested on barren land? Know importance

CSIR-IIIM

04th October, 2026

The high-altitude cold desert of Ladakh is witnessing a large-scale experiment in saffron cultivation, as the Union Territory administration looks to turn previously barren land into productive farmland and explore new sources of income for local communities, according to news agency PTI.

Around 800 kg of premium Iranian saffron corms, numbering nearly 90,000, have been planted across 4,000 square metres at Spituk Pharka in Leh, Lieutenant Governor Vinai Kumar Saxena said on Friday.

The cultivation is taking place on land restored under Project Him Sarovar, a government initiative focused on improving water availability and bringing degraded land back into agricultural use in the mountainous region.

“I am pleased to announce an ambitious experiment of introducing saffron cultivation to Ladakh, for the very first time, on a large scale,” Saxena said in a post on X…

Read More: Live Mint

DRDL director calls for stronger research partnerships with CSIR-IICT

CSIR-IICT

05th October, 2026

Defence Research and Development Laboratory (DRDL) director Ankathi Raj has underscored the strategic importance of collaboration between DRDL and the CSIR-Indian Institute of Chemical Technology (IICT), in advancing indigenous technology development.

Speaking at the 85th Foundation Day celebrations of the Council of Scientific and Industrial Research (CSIR) in Hyderabad, Mr. Raj highlighted the need for greater synergy between research institutions to accelerate innovation and strengthen the country's technological capabilities.

CSIR-IICT director D. Srinivasa Reddy said that achieving the vision of a developed India requires sustained scientific excellence, purposeful innovation, and a strong sense of responsibility towards the nation. He called upon researchers and employees to continue contributing to scientific advancement and societal development through impactful research and technology-driven solutions…

Read More: The Hindu

सी एस आई आर-सिम्फर में 66 छात्रों को मिल रही स्पेशल ट्रेनिंग: जानिए PLC, AIoT और इंडस्ट्रियल ऑटोमेशन से कैसे बदलेगा भविष्य?

CSIR-CIMFR

06th October, 2026

सीएसआईआर-केंद्रीय खनन एवं ईंधन अनुसंधान संस्थान (सीएसआईआर-सिम्फर) में औद्योगिक स्वचालन की आधुनिक तकनीकों पर तीन दिवसीय कौशल विकास कार्यक्रम मंगलवार से शुरू हुआ. सीएसआईआर इंटीग्रेटेड स्किल इनिशिएटिव फेज-III के तहत आयोजित यह प्रशिक्षण 6 से 8 अक्टूबर तक चलेगा. कार्यक्रम में राजकीय पॉलिटेक्निक, धनबाद के डिप्लोमा इन इलेक्ट्रिकल इंजीनियरिंग के 66 विद्यार्थी भाग ले रहे हैं.

बरवा रोड स्थित सीएसआईआर-सिम्फर में

आयोजित उद्घाटन सत्र में संस्थान के निदेशक प्रो. अरविंद कुमार मिश्रा, सीएसआईआर इंटीग्रेटेड स्किल इनिशिएटिव के समन्वयक ई. अमर नाथ, मानव संसाधन विकास, कौशल विकास एवं जिज्ञासा अनुभाग के प्रमुख दिलीप कुंभकर, डॉ. एमपी रॉय, डॉ. जेके सिंह, कोर्स कोऑर्डिनेटर डॉ. प्रेम कुमार और आईटी सर्विसेज के प्रमुख अमित जायसवाल समेत अन्य अधिकारी उपस्थित रहे...

Read More: Prabhat Khabar

Himalaya Wellness, CSIR-CDRI join forces to develop new therapy for PMOS

CSIR-CDRI

06th October, 2026

Himalaya Wellness Company has entered into a licensing agreement with the Council of Scientific and Industrial Research-Central Drug Research Institute (CSIR-CDRI), Lucknow, to develop a new evidence-based intervention for Polyendocrine Metabolic Ovarian Syndrome (PMOS), formerly known as Polycystic Ovary Syndrome (PCOS).

The collaboration brings together CSIR-CDRI's expertise in drug discovery and phytopharmaceutical research with Himalaya's capabilities in herbal research and product development. The partnership aims to advance the discovery and development of a safe and effective therapy for PMOS, a complex condition that affects approximately 1 in 8 women and more than 170 million people globally…

Read More: Express Healthcare

CSIR-IIIM holds outreach programme on endangered flora

CSIR-IIIM

06th October, 2026

CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Branch Laboratory Srinagar, organised a one-day outreach programme on conservation of critically endangered flora of the Kashmir Himalayas at its Field Station in Verinag today.

Titled "Preserving the Paradise: Conserving Critically Endangered Flora of the Kashmir Himalayas", the programme was organised under the CSIR Mission Mode Project

Bioresource Conservation and Prospection (BioCaP) to raise awareness about protecting endangered plant species and preserving the region's rich floral diversity.

The programme brought together scientists, forestry experts, Forest Department officials and students to promote awareness about native plant species…

Read More: Daily Excelsior

हिमालय के नीचे क्या हो रहा है? तिब्बत के नीचे मुड़ रही भारतीय प्लेट, वैज्ञानिकों ने खोला राज

CSIR-NGRI 06th October, 2026

करीब पांच करोड़ वर्ष पहले भारत जिस भूभाग पर मौजूद था, वह आज की जगह से हजारों किलोमीटर दक्षिण में था। उसकी उत्तर की ओर यात्रा ने यूरेशिया से ऐसी टक्कर कराई जिसने हिमालय और तिब्बती पठार को जन्म दिया। यह टक्कर आज भी खत्म नहीं हुई है। भारतीय प्लेट अब भी उत्तर की ओर बढ़ रही है और हिमालय के नीचे यूरेशियन प्लेट के साथ उसका संघर्ष जारी है। हैदराबाद स्थित CSIR–National Geophysical Research Institute से जुड़े वैज्ञानिकों के नए अध्ययन ने गुरुत्वाकर्षण, भूकंपीय और दूसरे भूभौति कीय आंकड़ों को मिलाकर यह समझने की कोशिश की है कि जमीन के कई किलोमीटर नीचे भारतीय प्लेट आखिर किस तरह व्यवहार कर रही है। अध्ययन से संकेत मिलता है कि यह प्लेट एक सपाट चादर की तरह तिब्बत के नीचे नहीं जा रही, बल्कि अलग-अलग हिस्सों में उसकी गहराई और संरचना बदलती है, वह मुड़ती है और गहरे स्तर पर उसके विखंडन...

Read More: News Track

Assam: Dr Tonkeswar Das honoured with National Award in Golaghat District

CSIR-NEIST 07th October, 2026

Dr Tonkeswar Das, a scientist at CSIR-NEIST, Jorhat, and a native of Chakardhara village under Ghiladhari Mouza in Golaghat district, has been honoured with the prestigious NESA Distinguished Scientist of the Year Award–2026.

The award, conferred by the National Environmental Science Academy (NESA), recognises Dr Das's significant research contributions in the fields of nanotechnology, carbon-based materials, energy, sustainable resource utilisation, and environmental science…

Read More: News Track

CSIR-NGRI Advances Groundwater Exploration and Skill Development for a Water-Secure Viksit Bharat

CSIR-NGRI

07th October, 2026

Under the leadership of Dr. Prakash Kumar, Director, CSIR-National Geophysical Research Institute (CSIR-NGRI), the institute is strengthening its efforts in groundwater exploration, skill development and sustainable water management, in alignment with the Government of India's vision of a developed and self-reliant India — Viksit Bharat. Recognising groundwater as a critical component of India's water security, CSIR-NGRI is harnessing advanced geophysical technologies and developing skilled human resources to address the country's growing water challenges…

Read More: The Hans India

Hyderabad study flags gaps in krait antivenom

CSIR-CCMB

07th October, 2026

Researchers at the Centre for Cellular and Molecular Biology (CCMB) have found significant variations in the venom of kraits across India, raising concerns that the antivenom currently available may not work fully against bites from all krait species.

The study also found an urgent need to develop a specific antivenom for northeastern India, where snake biodiversity is high.

Northeast India has six of nine krait species

India is home to nine species of kraits, of which six are found in northeastern region…

Read More: Hyderabad Mail

Mission Bharpoor 2.0 rolled out in Kangra to combat child malnutrition

CSIR-IHBT

08th October, 2026

The Kangra district administration and the Women and Child Development Department on Tuesday launched 'Mission Bharpoor 2.0' at Rakkar in Dharamsala to prevent malnutrition among children and ensure their proper physical and mental development. The initiative is being implemented with technical support from scientists at the Council of Scientific and Industrial Research-Institute of Himalayan Bioresource Technology (CSIR-IHBT).

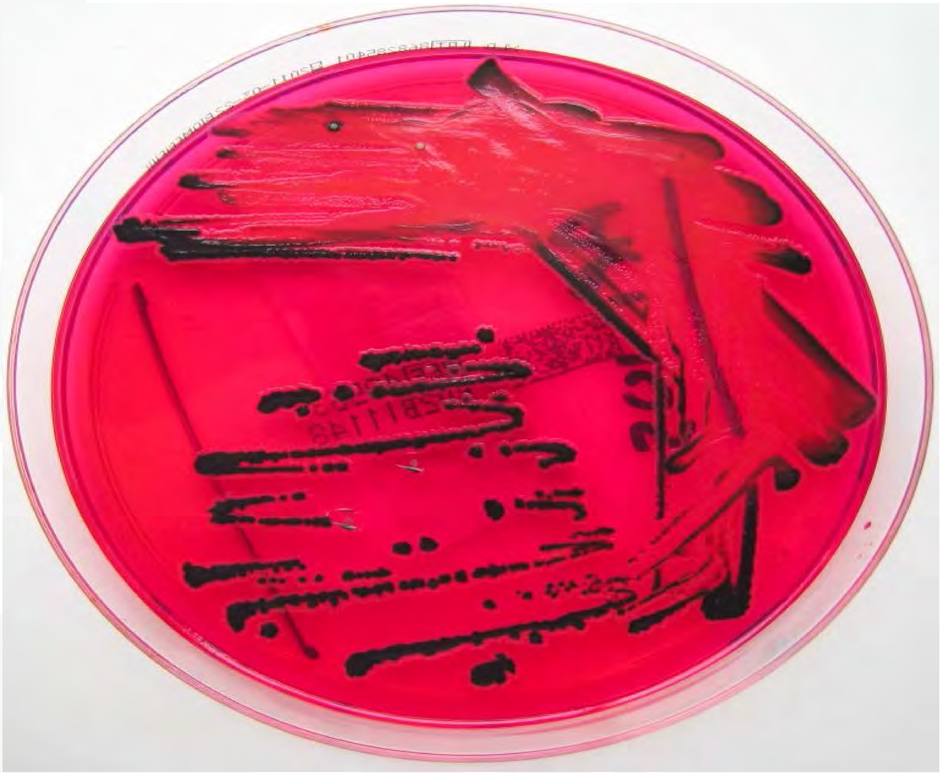
Kangra Deputy Commissioner Hemraj Bairwa, who was the chief guest at the launch, said healthy children were the foundation of a healthy family, society and a strong nation.

Read More: The Tribune

Protein defence against food-borne pathogen Salmonella

CSIR-CFTRI

08th October, 2026



A small antimicrobial protein kills different strains of the key food-borne pathogen Salmonella but spares beneficial microbes, a new study reveals1. The protein Salmocin E1a, or SalE1a, belongs to a family of colicin-like bacteriocins, antibacterial proteins produced by bacteria.

The research offers a tool to curb the rise of multidrug-resistant (MDR) Salmonella strains caused by antibiotic misuse in agriculture and meat processing, says the research team at the CSIR-Central Food Technological Research Institute in Mysuru, India.

The team, including researchers Kammara Rajagopal and Anagha Kalathil, produced the protein by expressing SalE1a gene in a laboratory strain of Escherichia coli. The engineered bacteria produced approximately 2.8 milligrams of soluble recombinant SalE1a per litre of culture…

Read More: Nature

CSIR launches ‘Lab to Land’ survey in Mandi to boost rural livelihoods

CSIR-CBRI

09th October, 2026

A household-level survey has begun in Jhundhi Gram Panchayat in the Thunag area of Mandi district under the Council of Scientific and Industrial Research (CSIR) Smart Village Mission’s ‘Lab to Land’ initiative. The programme aims to promote sustainable development, enhance skills and improve livelihood opportunities for rural communities.

The initiative is aligned with the vision of Viksit Bharat@2047 and seeks to understand the socio-economic conditions, local resources, skills, livelihood patterns and development needs of villagers. Based on the findings, scientific and technological solutions will be identified and introduced according to local requirements…

Read More: The Tribune

CSIR-CDRI scientist named Fellow of UK Royal Society of Chemistry

CSIR-CDRI

09th October, 2026

Prof Koneni V Sashidhara, scientist 'G' and head of the Medicinal and Process Chemistry Division at CSIR-Central Drug Research Institute (CDRI), Lucknow, has been elected a Fellow of the Royal Society of Chemistry (FRSC), UK, in recognition of his contributions to medicinal chemistry and drug discovery.

He has over 25 years of research experience and has authored more than 155 research papers and holds 20 patents. His work focuses on the discovery of potential drug molecules from natural products and synthetic compounds for the treatment of metabolic disorders, infectious diseases and cancer.

His research combines chemical and biomedical sciences to identify bioactive molecules that could form the basis of future therapies. He has also contributed to scientific mentoring and the translation of research into potential healthcare applications…

Read More: Times of India

India's HFO-1234yf breakthrough: A desi twist to climate-friendly cooling

CSIR-IICT

10th October, 2026

India's demand for cooling is rising as temperatures rise, urbanisation expands, and access to air-conditioning and refrigeration grows. This is increasing the need for refrigerants with lower global warming potential (GWP). The country relies largely on hydrofluorocarbons (HFCs) across several cooling applications.

While HFCs do not deplete the ozone layer, many have high GWP. After ratifying the Kigali Amendment to the Montreal Protocol in 2021, India committed to gradually phasing down HFC consumption. Under the national roadmap, 2028 is the freeze year, and no new HFC manufacturing capacity can start production. The transition is expected to increase demand for next-generation refrigerants such as HFO-1234yf…

Read More: Deccan Herald

भवन निर्माण में नवाचारों से सीबीआरआई का योगदान अहम: पंत

CSIR-CBRI

12th October, 2026

सीबीआरआई रुड़की में सीएसआईआर का 85वां स्थापना दिवस समारोह मनाया गया। कार्यक्रम में तीन तकनीकों का हस्तांतरण हुआ और सतत निर्माण सामग्री के विकास के लिए दो समझौता ज्ञापनों पर हस्ताक्षर किए गए। मुख्य अतिथि प्रो. कमल किशोर पंत ने कम कार्बन उत्सर्जन और पर्यावरण अनुकूल सामग्री पर जोर दिया। सीबीआरआई ने चमोली के वसुंधरा ताल में करीब 16 हजार फीट की ऊंचाई पर अर्ली वार्निंग सिस्टम लगाया है।

सीबीआरआई रुड़की में सोमवार को वैज्ञानिक और औद्योगिक अनुसंधान परिषद (सीएसआईआर) का 85वां स्थापना दिवस समारोह हर्षोल्लास के साथ मनाया गया। रवींद्रनाथ टैगोर सभागार में आयोजित कार्यक्रम में आईआईटी रुड़की के निदेशक प्रो. कमल किशोर पंत मुख्य अतिथि रहे। समारोह में तीन तकनीकों का हस्तांतरण किया गया, जबकि सतत निर्माण सामग्री के विकास के लिए दो समझौता ज्ञापनों पर हस्ताक्षर हुए। आयोजन समिति के अध्यक्ष डॉ. अजय चौरसिया ने अतिथियों का स्वागत किया। सीबीआरआई निदेशक प्रो. आर. प्रदीप कुमार ने संस्थान की उपलब्धियों की जानकारी दी...

Read More: Live Hindustan

सी एस आई आर-सिंफर की कार्यशाला में मिट्टी-पानी की गुणवत्ता जांच पर मंथन

CSIR-CIMFR

13th October, 2026

धनबाद के सीएसआईआर-सिंफर डिगवाडीह कैंपस में एनालिटिकल केमिस्ट्री और मिट्टी-पानी विश्लेषण पर पांच दिवसीय आवासीय कौशल विकास कार्यक्रम शुरू हुआ। 12 से 16 अक्टूबर तक चलने वाले इस कार्यक्रम में देश के विभिन्न विश्वविद्यालयों के 20 स्नातकोत्तर विद्यार्थी भाग ले रहे हैं। उद्घाटन बीबीएमकेयू के कुलपति प्रो. राम कुमार सिंह ने किया। वक्ताओं ने कृषि, पेयजल गुणवत्ता और जनस्वास्थ्य के लिए विश्लेषणात्मक रसायन विज्ञान तथा निरंतर कौशल विकास के महत्व पर जोर दिया।

सीएसआईआर-सिंफर डिगवाडीह कैंपस में एनालिटिकल केमिस्ट्री और मिट्टी-पानी के विश्लेषण पर पांच दिवसीय रेजिडेंशियल स्किल डेवलपमेंट प्रोग्राम शुरू हुआ। सीएसआईआर इंटीग्रेटेड स्किल इनिशिएटिव फेज-3 के तहत 12 से 16 अक्तूर तक चलने वाले कार्यक्रम में देश के विभिन्न विश्वविद्यालयों के एमएससी केमिस्ट्री, एनवायरनमेंट और कृषि विज्ञान के 20 छात्र भाग ले रहे हैं। उद्घाटन में बीबीएमकेयू के वीसी प्रो. राम कुमार सिंह मुख्य अतिथि रहे। सिंफर के निदेशक प्रो. अरविंद कुमार मिश्रा ने कहा कि खेती, पेयजल गुणवत्ता और जनस्वास्थ्य से जुड़ी चुनौतियों के समाधान में एनालिटिकल केमिस्ट्री अहम है। वीसी ने रिसर्च संस्थानों में एनालिटिकल सुविधाओं और तकनीकी तरक्की पर अनुभव साझा किए और निरंतर कौशल विकास पर जोर दिया...

Read More: Live Hindustan

Scientific solution for granite waste sought

CSIR-AMPRI 13th October, 2026

District Collector P Raja Babu has asked scientists at the Council of Scientific and Industrial Research- Advanced Materials and Processes Research Institute (CSIR AMPRI) in Bhopal to research granite waste from Chimakurthy so it can be reused sustainably.

The collector held a video conference with CSIR AMPRI director Dr Thallada Bhaskar from his camp office in Ongole on Monday evening.

Speaking during the video conference, Raja Babu said granite mines, quarries, and polishing units around Chimakurthi have operated for nearly four decades, and their waste has become a major problem.

He said tonnes of wet waste, called granite slurry, come out as a white liquid during polishing. Stones and other solid waste pile up. Nearby land has become heaps of waste and is unusable. Dust from dried slurry and polluted water are harming the local environment, he said…

Read More: The Hans India

Students visit CSIR-Institute of Microbial Technology

CSIR-IMTech

13th October, 2026

Sri Guru Harkrishan Sr Sec Public School, Chandigarh, provided its students with an enriching opportunity to explore scientific research through a visit to the CSIR-Institute of Microbial Technology (IMTECH), Sector 39, Chandigarh. A group of 22 students from classes XI and XII (Medical) participated in the CSIR-IMTECH Open Day, organised as part of the 85th CSIR Foundation Day celebrations. The educational visit aimed to broaden students' scientific horizons and familiarise them with emerging opportunities in research and biotechnology…

Read More: The Tribune

India Strengthens Science and Technology Partnerships with Global South through Inaugural Ministry of External Affairs–CSIR Tech Familiarization Programme

CSIR-CRRI, CSIR-IGIB

13th October, 2026

In a significant initiative to strengthen India's science and technology partnerships with countries of the Global South, the Council of Scientific and Industrial Research (CSIR), in collaboration with the New, Emerging and Strategic Technologies (NEST) Division of the Ministry of External Affairs (MEA), Government of India, launched the inaugural edition of the MEA–CSIR Tech Familiarization Programme on 14 October 2026.

The programme brought together 33 Ambassadors and senior embassy officials representing 29 countries, providing them with first-hand exposure to CSIR's scientific capabilities, indigenous technologies and advanced research infrastructure. The inaugural edition featured visits to two premier CSIR laboratories in New Delhi—the CSIR-Central Road Research Institute (CSIR-CRRI) and the CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB)…

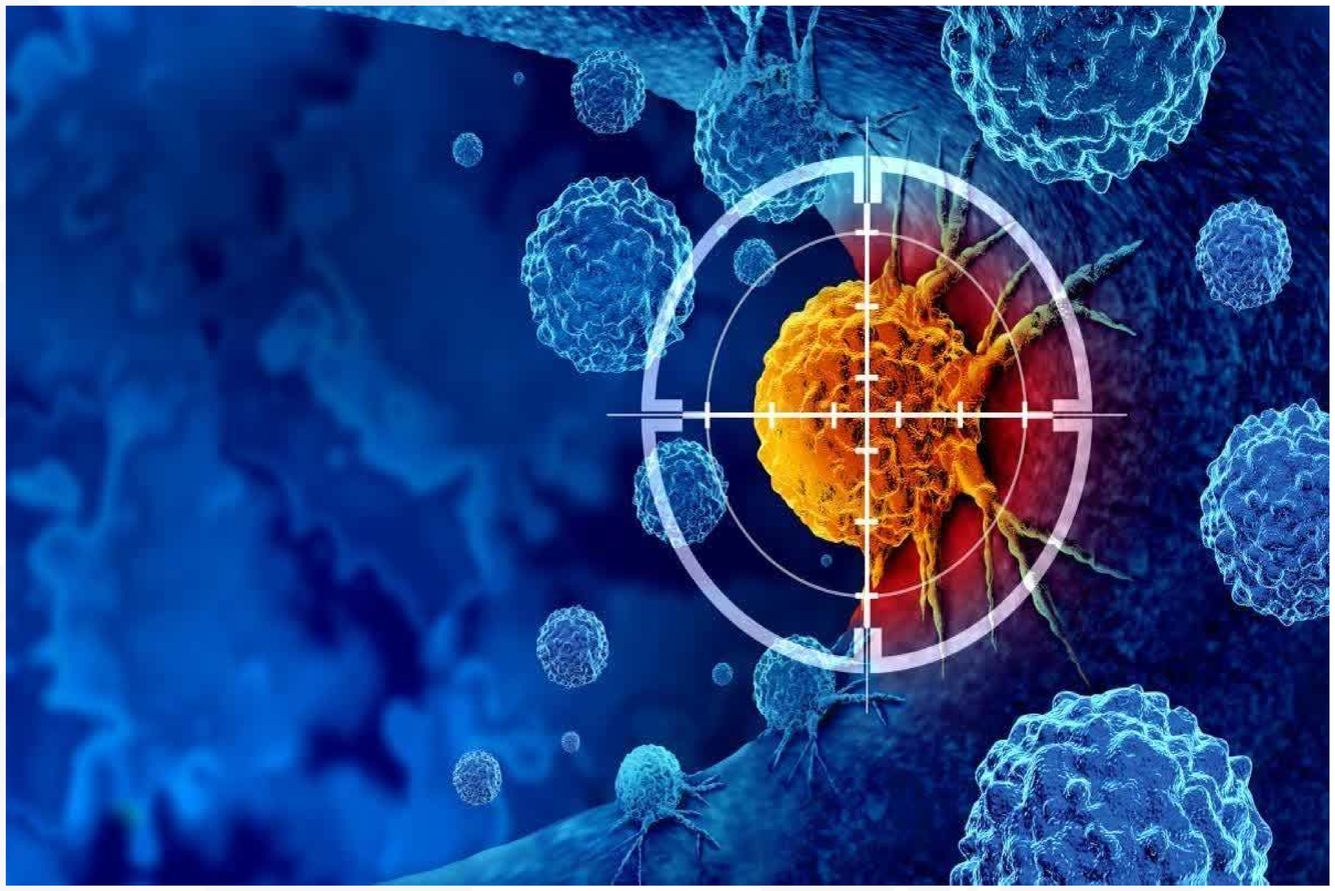
Read More: PIB

CSIR-CCMB Scientists Decode Secret Behind Virus-Fighting MAVS Protein

CSIR-CCMB

13th October, 2026

When viruses attack our body's cells, they frequently compromise the cells' "interferon signaling" defence mechanism. Researchers have long been investigating whether alternative protective pathways exist to safeguard cells from viruses should interferon signaling fail.



A new study conducted by the H Krishnan Lab at the Centre for Cellular and Molecular Biology (CCMB) in Hyderabad has revealed a key insight into this matter, identifying the existence of a backup mechanism. The study demonstrated that the Mitochondrial Antiviral-Signaling (MAVS) protein typically known for facilitating interferon activation is not limited to that function alone; it also maintains the structural integrity of mitochondria…

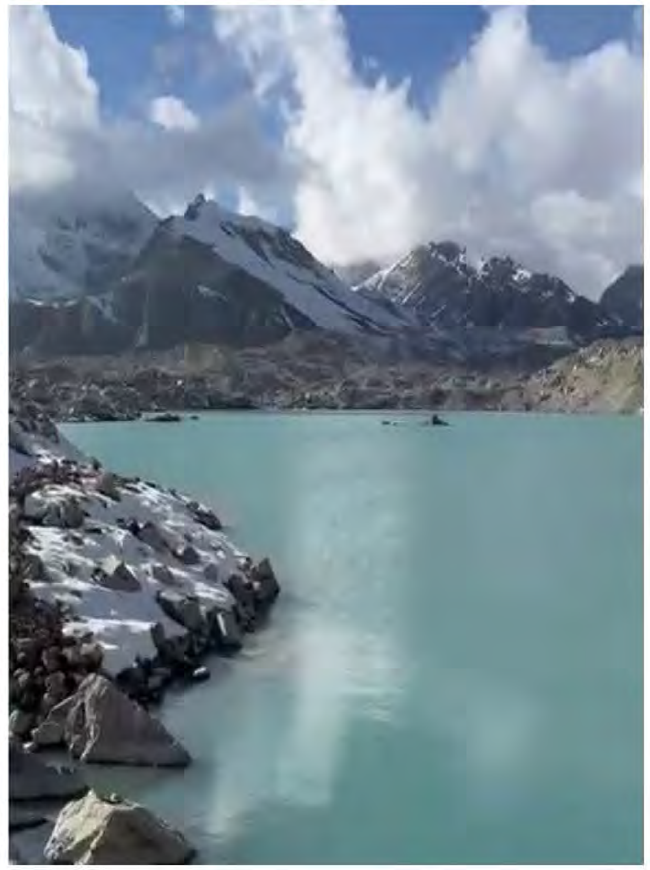
Read More: ETV Bharat

Early Warning System Installed At Vasundhra Lake In Chamoli

CSIR-CBRI

13th October, 2026

In a major intervention aimed at disaster management, a team of scientists has successfully installed an early warning system at Vasundhara Lake in Chamoli located at an altitude at 16,000 feet above the sea level. The team from Central Building Research Institute (CBRI) at Roorkee has installed the system at an estimated cost of Rs 61 lakh which would have otherwise cost around Rs 8 crore. The data from the sensors installed will be used to monitor changes in the lake,



weather and land.

The initiative is aimed at addressing the threat of Glacial Lake Outburst Floods (GLOFs). The scientists had to navigate difficult mountainous terrain and challenging weather to transport and install the equipment at the lake.…

Read More: ETV Bharat

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!

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