



सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

CSIR in Media

News Bulletin
16 To 30 November 2025



CSIR-CRRI, GBA to review EcoFix pothole repairs before citywide rollout

CSIR-CRRI

14th November, 2025

A team from the Council of Scientific and Industrial Research-Central Road Research Institute (CSIR-CRRI) along with officials from the Greater Bengaluru Authority (GBA) will soon inspect all potholes that were filled with 'EcoFix' -- a quick-fix technology.

Two months back, the CSIR-CRRI had inked a memorandum of understanding with the Karnataka Chief

Secretary, Urban Development Department, and GBA to fill potholes that will withstand all weather conditions, including heavy rain. According to GBA officials, over the last few weeks, potholes in 10-15 locations had been filled using this technology. "So far, no follow-up was done. We will now review the work and visit the locations in the coming days before expanding it to all areas," said GBA Chief Commissioner M Maheshwar Rao.

The CSIR-CRRI's EcoFix repairs potholes within 20 minutes, irrespective of the weather conditions. Dry and waterlogged potholes are repaired instantly, without dewatering and without using any heavy machinery. Since it has no waiting period, potholes can be filled within 20 minutes, said Dr Satish Pandey, Senior Principal Scientist, CSIR-CRRI, and the inventor of EcoFix...



Read More: [New Indian Express](#)

IIIM Jammu Celebrates Janjatiya Gaurav Diwas

CSIR-IIIM

15th November, 2025

As India marks the 150th birth anniversary of Bhagwan Birsa Munda, popularly revered as Dharti Aaba and to honour the legacy of tribal warriors who safeguarded the tribal rights, the CSIR–Indian Institute of Integrative Medicine (IIIM), Jammu, commemorated the Janjatiya Gaurav Diwas 2025 by organizing a special educational and exposure visit for tribal students at BIRAC-BioNEST Incubator, Industrial Biotech Park in Ghatti, Kathua. The initiative, aimed at encouraging scientific curiosity among underserved communities, brought about 200

tribal students to one of the region's most advanced scientific ecosystems. The participating students were taken through an extensive guided tour of the BioNEST Incubator, where they witnessed high-end scientific facilities operating in real time. They observed fermentation and enzyme production units, phytopharma drug extraction systems, micropropagation laboratories, and specialized sections dedicated to the cultivation of medicinal and aromatic plants...



Read More: [Jammu Link News](#)

A Giant Step for India: CSIR–ISRO Human Spaceflight Research Sparks New Era of Space Ambition

CSIR

15th November, 2025

In a landmark move, India's premier scientific research body and its space agency have locked arms. The Council of Scientific and Industrial Research (CSIR) and the Indian Space Research Organisation (ISRO) will jointly host the CSIR–ISRO Space Meet 2025 in Bengaluru on 17 November. This partnership signals a fresh impetus to accelerate India's human spaceflight research, microgravity science and next-gen space technologies.

Background of CSIR–ISRO Human Spaceflight Research Collaboration

The initiative comes as India pushes ahead with its ambitious human spaceflight programme and associated technological capabilities. The Ministry of Science & Technology has officially announced the collaboration and event. The event will gather 150-200 delegates, including scientists, technologists, astronauts and international space experts.

The aim: build stronger linkages between CSIR's multidisciplinary science strengths and ISRO's mission-driven space technology needs...

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CRRI turns paddy stubble into bio-bitumen to combat pollution and reduce imports

CSIR-CRRI, CSIR-IIP

16th November, 2025

For years, the smoke from the burning paddy stubble has been catching large parts of North India in its toxic choke, and the government floundering for a way out. The answer seems to have been found, with scientists striking value in the farm waste by converting them into bio-bitumen, which can be used for road construction and various other purposes. The idea of agricultural waste replacing conventional bitumen in road construction may sound



futuristic, but thanks to the pioneering research led by the CSIR-Central Road Research Institute (CRRI) in collaboration with the Indian Institute of Petroleum (IIP), the bio-bitumen produced from paddy straws has successfully undergone field trials in Guwahati and Nagpur-Mansar bypass on NH-44.

A very enthused Union minister for Road Transport and Highways Nitin Gadkari announced at the recently held 84th Indian Roads Congress in Bhubaneswar that farmers could soon become not just ‘annadata’ (food-providers) and ‘indhan data’ (fuel producers) but also ‘bitumen data’ (bitumen producers)...

Read More: [New Indian Express](#)

CSIR-NEERI hands over India's first-of-its-kind faecal sludge plant to Chandrapur Municipal Corporation

CSIR-NEERI

16th November, 2025

Marking a major breakthrough in India's sanitation and waste-management sector, CSIR-NEERI has formally handed over the country's first-of-its-kind faecal sludge and septage management (FSSM) plant to the Chandrapur Municipal Corporation (CMC). The facility, powered by NEERI's indigenously developed Mechanical Dewatering & Drying System (MDDS), is designed to convert faecal sludge into high-quality organic manure that meets the Fertiliser Control Order (FCO) standards.

Dr N Kalaiselvi, director general, Council of Scientific & Industrial Research (CSIR) and secretary, Department of Scientific & Industrial Research (DSIR) handed over the FSSM plant developed and implemented by CSIR-NEERI to CMC. The MDDS technology is indigenously developed and implemented by CSIR-NEERI under the IN-EU Horizon 2020 programme, with support from CSIR-NEERI and department of science & technology, Govt. of India, under the project 'PAVITR'. Kalaiselvi called this a landmark achievement for both CSIR and ...

Read More: [Times of India](#)

CSIR develops technology to turn hazardous foundry sand into eco-friendly bricks

CSIR-NIIST

16th November, 2025

Hazardous sand waste generated by thousands of foundries across India will now be recycled into eco-friendly and cost-effective construction material, with the Council for Scientific and Industrial Research (CSIR) developing technology to manufacture bricks from the industrial by-product.

CSIR's National Institute for Interdisciplinary Science and Technology (NIIST) has joined hands with the private industry to use the know-how for setting up a unit that will initially produce around 5,000 bricks per day.

The unit will consume about 30 tonnes of sand daily to produce the high-strength bricks, that will comply with the IS - 1077 standards which define the specifications and requirements for common burnt clay building bricks.

India's foundry industry generates a significant amount of waste sand, which, according to various studies, is around three million tonnes annually...

Read More: [Tribune India](#)

Waste to worth for green highways

CSIR-CRRI

16th November, 2025

With more than 6.6 million kilometres of roads, India already has the second-largest road network in the world after the United States—and more are being built. The government is projecting the construction of around 40 kilometres of national highways daily, while municipal, district, and rural road networks continue expanding as the country grows economically. However, building and maintaining infrastructure on such a massive scale has a significant environmental cost—from quarrying stone aggregates to the energy used in bitumen production and transport. To reduce costs and the carbon footprint, the road sector is witnessing a material transition—turning industrial, municipal, and farm waste into usable construction materials.

Masood Mallick, chairman of the CII National Committee on Waste to Worth Technologies, underscored the importance of these initiatives and suggested that the widespread use of waste in the road sector should be expanded into other areas. “India, with 17-18% of the global population on just 2.4% of the global land area face critical import dependence for materials like crude oil and critical minerals, has no room to repeat the wasteful ‘take, make, throw’ Western model.” He said with virgin materials contributing roughly 40% of total carbon footprint, embracing frugality, reuse, and recycling is central to India’s economic, resource, and climate security...

Read More: [Hindustan Times](#)

NML, Electrotherm Forge Alliance to Advance Next-Generation Metallurgical Technologies

CSIR-NML

18th November, 2025

National Metallurgical Laboratory (CSIR-NML), Jamshedpur, has entered into a strategic Memorandum of Understanding (MoU) with Electrotherm (India) Limited to drive collaborative innovation in advanced materials and metallurgical technologies.

The partnership focuses on accelerating R&D in electrical steels, new alloy systems, corrosion-resistant and functional coatings, and critical import-substitution materials

vital for India's manufacturing and strategic sectors. The agreement also outlines joint laboratory and pilot-scale trials, comprehensive testing and validation, exchange of technical expertise, and exploration of novel materials and processes with industrial potential...

Read More: [Uditwani](#)



Himalayan apple finds home in AP

CSIR-CCMB

18th November, 2025

For decades, the idea of apple orchards evoked images of Shimla's icy slopes or Kashmir's snow-wrapped valleys. But today, a quiet horticultural revolution is unfolding deep within Andhra Pradesh's tribal belt, where farmers of Lambasingi, Chintapalli and Araku are steadily turning their cool, misty hills into the South's own apple country. Long celebrated as the state's strawberry paradise, this high-altitude region is now embracing a new identity, the home of Andhra Apples.



This transformation is no accident. It is the result of coordinated scientific experimentation, sustained fieldwork, and a willingness among tribal farmers to embrace new crops. The game-changer came from Hyderabad's Centre for Cellular and Molecular Biology (CCMB), which identified striking climatic similarities between tFollowing detailed climate studies, CCMB partnered with ITDA Paderu officials and NGOs like Girijana Vikas to introduce apple farming to select tribal villages. Saplings were initially planted in Lambasingi, Kattupalli, Gudem Kothaveedhi and Madem, supported by structured training for farmers...

Read More: [Metro India](#)

CSIR-NIIST to host 5-day skill development training

CSIR-NIIST

18th November, 2025

The National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, a premier research laboratory under the Council of Scientific and Industrial Research (CSIR), Government of India, is hosting a five-day skill development training programme from December 8 in Thiruvananthapuram.

The residential programme, titled on 'Patents, Copyright, GI and Trademarks for Entrepreneurship,' is fully sponsored by the Ministry of Micro, Small and Medium Enterprises, Government of India, with free boarding and lodging facilities, an official spokesman for CSIR-NIIST said here.

Last date, Nov 22

Last date to apply is November 22. Applications may be filed online at <http://sdp.niist.res.in>. Enquiries may be made on phone 0471-2515326 or by mail at sdp@niist.res.in. Shortlisting of entries would be made on the basis of academic performance; entrepreneurship and work experience and reservation norms laid by the Centre...

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CSIR-NIIST launches interactive series to foster dialogue with Science Tech leaders

CSIR-NIIST

18th November, 2025

The CSIR-NIIST on Tuesday launched an interactive engagement series aimed at fostering dialogue with visionary Science and Technology (S&T) leaders driving India's research ecosystem.

The flagship initiative -- Face to Face with S&T Leaders -- of the Council of Scientific and Industrial Research-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST) was inaugurated by Dr Rajesh S Gokhale, Secretary, Department of Biotechnology (DBT), Government of India, a NIIST release said.

Dr C Anandharamakrishnan, Director, CSIR-NIIST, presided over the function and highlighted the institute's commitment to impactful, mission-oriented, and interdisciplinary research, it said.

In his inaugural address, Gokhale remarked that India was witnessing an unprecedented opportunity in science and technology, the release said...

Read More: [The Week](#)

Chamba's Farmers Join Hands with Scientists at Palampur Workshop for Sustainable Growth

CSIR-IHBT

19th November, 2025

The scenic town of Palampur turned into a hub of ideas and innovation today as the CSIR–Institute of Himalayan Bioresource Technology (IHBT) kicked off a two-day workshop on “Empowering Chamba: Driving Sustainable Growth with Cutting-Edge Technologies.” The event brought together scientists, policymakers, and over 150 farmers from Chamba, all eager to explore how modern science can transform livelihoods in the aspirational district.

A Warm Welcome

In his inaugural address, Dr. Sudesh Kumar Yadav, Director of CSIR-IHBT, spoke about the power of technology in guiding sustainable development across the Himalayas. He highlighted how initiatives like the CSIR Aroma and Floriculture Missions have already boosted the region's bio-economy, and stressed that Chamba's rich bioresources hold immense promise for inclusive growth.

Harnessing Plant Wealth

Chief guest Dr. Parbodh Kumar Trivedi, Director of CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow, praised the workshop and reminded participants of the Himalayas' role as a treasure trove of medicinal and aromatic plants...

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Union Minister Jitendra Singh Unveils Gene Therapy To Treat Sickle Cell Disease

CSIR-IGIB

19th November, 2025

Science and Technology Minister Jitendra Singh on Wednesday launched India's first indigenous CRISPR-based gene therapy for sickle cell disease, which particularly affects the country's tribal population.

The therapy, named "BIRSA 101" is dedicated to freedom fighter Birsa Munda, whose 150th birth anniversary was observed a few days back. Singh said that the breakthrough, developed at CSIR-Institute of Genomics and Integrative Biology (IGIB), has demonstrated India's



capability to produce path-breaking therapies at a fraction of global costs, potentially replacing treatments priced at Rs 20–25 crore overseas.

A formal technology transfer and collaboration agreement was exchanged between CSIR-IGIB and the Serum Institute of India Pvt Ltd, enabling translation of CRISPR platform into scalable, affordable therapies for sickle cell disease and other critical genetic disorders...

Read More: [Daily Excelsior](#)

HPCL Hosts CSIR Delegation at Bengaluru Green R&D Centre, Signs MoU on Advanced CO₂ Capture Technology

CSIR, CSIR-IICT

19th November, 2025

Hindustan Petroleum Corporation Limited (HPCL) recently hosted a distinguished delegation from the Council of Scientific and Industrial Research (CSIR), led by Dr. (Mrs.) N. Kalaiselvi, Director General, CSIR & Secretary, DSIR, at the HPCL Green R&D Centre (HPGRDC) in Bengaluru. The visit aimed to strengthen collaboration between HPCL and CSIR laboratories to advance indigenous innovation and develop cutting-edge technology programs.



Engagement with CSIR Laboratories

During the visit, senior leaders and scientists from multiple CSIR laboratories engaged with HPCL researchers to explore joint initiatives in energy, sustainability, and green technology. Discussions focused on promoting homegrown solutions in energy efficiency, environmental protection, and advanced hydrocarbon processing.

A key highlight of the event was the signing of a Memorandum of Understanding (MoU) between HPCL and CSIR–Indian Institute of Chemical Technology (IICT)...

Read More: [Indian Masterminds](#)

CSIR-NML में “जनजातीय गौरव वर्ष” के तहत व्याख्यान का आयोजन

CSIR-NML

19th November, 2025

सीएसआईआर-राष्ट्रीय धातुकर्म प्रयोगशाला (एनएमएल), जमशेदपुर में “जनजातीय गौरव वर्ष महोत्सव” के अंतर्गत एक व्याख्यान कार्यक्रम का सफल आयोजन किया गया। कार्यक्रम की शुरुआत सीएसआईआर-एनएमएल के निदेशक डॉ. संदीप घोष चौधुरी ने अपने स्वागत भाषण से की। उन्होंने “जनजातीय गौरव वर्ष” के महत्व और भारत सरकार द्वारा जनजातीय विरासत के संरक्षण एवं संवर्द्धन हेतु उठाए गए विभिन्न कदमों पर प्रकाश डाला। इसके बाद अनुसूचित जाति / अनुसूचित जनजाति के अधिकारी डॉ. मनोज हुमने, प्रमुख, वैज्ञानिक, एनएमएल ने मुख्य अतिथि का औपचारिक परिचय प्रस्तुत किया।

अपने प्रेरक व्याख्यान में मुख्य वक्ता के रूप में प्रो. संजीव कुमार बिरुली, जमशेदपुर को-ऑपरेटिव लॉ कॉलेज, कोल्हान विश्वविद्यालय, चाईबासा ने “संविधान के परिप्रेक्ष्य में विकसित भारत के निर्माण की आवश्यकता और नागरिकों के मूल कर्तव्यों (Fundamental Duties) की प्रासंगिकता पर विस्तार से चर्चा की। उन्होंने विशेष रूप से वैज्ञानिक समुदाय को संबोधित करते हुए कहा कि— “मूल कर्तव्य केवल संवैधानिक अपेक्षा नहीं हैं, बल्कि वैज्ञानिक अनुसंधान में नैतिकता, नवाचार, सत्यनिष्ठा और सामाजिक संवेदनशीलता की आधारशिला भी हैं...

Read More: [Uditvani](#)

Curtain raiser for IISF 2025 held at CSIR-SERC in Chennai

CSIR-SERC

20th November, 2025

The curtain raiser for the India International Science Festival (IISF) 2025 was held at the CSIR-Structural Engineering Research Centre (CSIR-SERC) here on Thursday, formally launching nationwide celebrations for the upcoming festival. The event spotlighted the IISF 2025 theme, “Vigyan Se Samruddhi: For Aatmanirbhar Bharat,” underscoring India's progress in science, technology, innovation and societal development.

Scientists and researchers from CSIR-SERC and students from PM Shri Kendriya Vidyalaya, Meenambakkam, participated in the programme.

In her welcome address, Dr N. Anandavalli, Director, CSIR-SERC and Coordinating Director, CSIR Madras Complex, highlighted the role of science in everyday life and said learning science should be an enjoyable experience.

Chief guest Dr S. Gomathinayagam, former Director General of the National Institute of Wind Energy, said science is driven by curiosity and emphasised the need for fundamental research and sustainable innovations. He urged students to utilise the vast availability of information to strengthen their scientific knowledge...

Read More: [Dinamalar](#)

भारत में भांग की कानूनी खेती का रास्ता साफ, दर्द और कैंसर की दवा बनाने में सहायक

CSIR-CIMAP

20th November, 2025

केंद्रीय औषधीय एवं सगंध पौधा संस्थान (CSIR-CIMAP) के वैज्ञानिकों ने आठ साल के गहन शोध के बाद भांग की एक ऐसी नई प्रजाति विकसित की है, जिसे चिकित्सा और कृषि क्षेत्र में क्रांतिकारी माना जा रहा है। इस किस्म में नशे के लिए जिम्मेदार साइकोएक्टिव तत्व (THC) की मात्रा बेहद कम है, जबकि कैंसर रोधी और दर्द निवारक दवाओं के लिए आवश्यक उच्च औषधीय गुण मौजूद हैं। यह खोज न केवल फार्मा उद्योग के लिए महत्वपूर्ण है, बल्कि किसानों को भी पारंपरिक फसलों की तुलना में कई गुना अधिक लाभ पहुंचाने का वादा करती है।

कम THC स्तर, औषधीय उपयोग के लिए सुरक्षित

सीमैप के वैज्ञानिकों ने इस नई प्रजाति में साइकोएक्टिव तत्व टेट्राहाइड्रो-कैनाबिनोल (THC) के स्तर को 0.3% से भी नीचे लाने में सफलता पाई है। यह स्तर भारत के एनडीपीएस एक्ट और अंतर्राष्ट्रीय नारकोटिक्स कानूनों के अनुरूप है, जिससे यह किस्म औद्योगिक और औषधीय उपयोग के लिए पूरी तरह से सुरक्षित और कानूनी हो जाती है। यह सफलता वैज्ञानिकों को कई चरणों के हाइब्रिडाइजेशन और जेनेटिक मूल्यांकन के बाद मिली है, जिसका उद्देश्य गैर-मादक यौगिक कैनाबिडियल (CBD) की उच्च सांद्रता को सुनिश्चित करना था।

फार्मा सेक्टर के लिए वरदान

इस नई प्रजाति में उच्च मात्रा में मौजूद CBD जैसे गैर-मादक यौगिक इसे फार्मास्युटिकल उद्योग के लिए कीमती बनाते हैं। यह विशेष रूप से मिर्गी, चिंता, पुराने दर्द, और कैंसर से संबंधित लक्षणों के इलाज के लिए दवाएं बनाने में सहायक होगी...

Read More: [Haribhoomi](#)

CSIR-NML Jamshedpur hosts women's health camp for employees

CSIR-NML

20th November, 2025

A Women's Health Camp was organized at CSIR–National Metallurgical Laboratory (CSIR–NML) on Thursday under the guidance of Director Dr. Sandeep Ghosh Chowdhury. The initiative aimed to promote preventive healthcare and overall well-being among women employees.

The programme was inaugurated by Sanchita Ghosh Chowdhury, wife of the Director, CSIR–NML.

Specialist medical services were provided by a team of doctors from different institutions. Dr. Ruchita Agarwal, Gynaecologist from Spand Hospital, offered consultations related to gynaecology and obstetrics. Oral and dental examinations were conducted by Dr. Raj Kumar Gupta of N S Clinic. Dr. Adarshi Dalai from Utkal University, Odisha assisted in dental screening and counselling. The camp focused on reproductive health, oral health, and preventive care, ensuring women employees received essential medical support...

Read More: [Avenue Mail](#)



Science supports farmers in producing healthy crops

CSIR-NEERI

21st November, 2025

Dr Mohana Krishna Reddy Mudiam, Director, Institute of Pesticide Formulation Technology (IPFT), Gurugram, on Thursday said that science plays a pivotal role in helping farmers grow healthy crops. He was speaking as chief guest at popular science lecture on 'Lab to Land: Agrochemicals for Sustainable Agriculture' during the 11th India International Science Festival (IISF-2025) curtain raiser organised by CSIR-NEERI in association with Vigyan Bharati (VIBHA) Vidarbha Pradesh Mandal .

He explained how agrochemicals are developed, supplied to farmers, and how residues can eventually reach the food chain. He traced the journey of pesticides —from elemental sulphur to synthetic variants, and now to biopesticides, broadspectrum products, and precision agriculture — highlighting the growing focus on eco-friendly formulations using natural extracts. The event, held at the NEERI auditorium, also saw the presence of Dr S Venkata Mohan, Director, CSIR-NEERI; Naresh Chafekar; Dr Prakash Itankar; Dr R Ramakrishnan; Dr Panini Telang; Dr Hemant Pande; and other officials from VIBHA Vidarbha.

In his welcome address, Dr Venkata Mohan briefed the audience about NEERI's involvement in the circular economy thematic event at IISF-2025. Citing Nature...

Read More: [Times of India](#)

मधेपुरा के डीएम ने रामगंज वैज्ञानिक शहद परियोजना को उत्तर बिहार का मॉडल बताया

CSIR-NBRI

21st November, 2025

उत्तर बिहार में वैज्ञानिक आजीविका और जैव-विविधता संवर्धन को बढ़ावा देने वाली एक अहम पहल को मधेपुरा जिला प्रशासन से बड़ी प्रशंसा मिली है। जिलाधिकारी तरनजोत सिंह, IAS ने कुमारखण्ड प्रखंड के ग्राम रामगंज में चल रही वैज्ञानिक मधुमक्खी प्रबंधन एवं जैव-विविधता संवर्धन परियोजना का निरीक्षण करते हुए इसे “उत्तर बिहार का आदर्श मॉडल” बताया।

निरीक्षण के दौरान डीएम ने परियोजना के क्रियान्वयन में जुटी रमालया फाउंडेशन और इसकी सामाजिक इकाई अर्थ एंड फॉरेस्ट की भूमिका की विशेष सराहना की। उन्होंने कहा कि प्रशांत कुमार द्वारा ग्रामीणों को प्रकृति, जैव-विविधता और वैज्ञानिक आजीविका से जोड़ने का प्रयास “प्रेरणा देने वाला और क्षेत्र में सकारात्मक बदलाव लाने वाला” है।

वैज्ञानिक टीम की योगदान की सराहना

डीएम ने CSIR-NBRI/NBRL लखनऊ के वैज्ञानिकों के मार्गदर्शन को परियोजना की सफलता का प्रमुख आधार बताया। मुख्य वैज्ञानिक डॉ. बिकर्मा सिंह और डॉ. सुशील कुमार द्वारा किसानों को परागण पारिस्थितिकी, वनस्पति योजना और वैज्ञानिक मधुमक्खी प्रबंधन का प्रशिक्षण दिया जा रहा है। जिलाधिकारी ने कहा कि यह पहल भारत समाचार अपडेट के संदर्भ में एक उत्कृष्ट उदाहरण है कि विज्ञान किस प्रकार ग्रामीण अर्थव्यवस्था को मजबूती दे सकता है...

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Haryana Governor Prof Ashim Kumar Ghosh inaugurated the curtain raiser event for India International Science Festival-2025 at CSIR-CSIO, Chandigarh

CSIR-CSIO

21st November, 2025

The Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh, on Friday hosted the Curtain Raiser of the India International Science Festival (IISF) 2025, marking the beginning of nationwide celebrations for one of the world's largest science outreach initiatives. The event was presided over by the Hon'ble Governor of Haryana Prof Ashim Kumar Ghosh who addressed an audience comprising distinguished scientists, eminent academicians, representatives of Vigyan Bharati (VIBHA), teachers, students, and invited guests. Lady Governor Smt Mitra Ghosh and



Secretary to Governor Shri DK Behera, IAS, were also present on the occasion.

In his address, Hon'ble Governor, while praising CSIR-CSIO as one of India's most respected scientific institutions, said that IISF, established in 2015 by the Ministry of Science & Technology, the Ministry of Earth Sciences...

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LANDMARK PARTNERSHIP: CSIR-CRRI and ITS India Forum Sign Path-Breaking MoU to Transform India's Intelligent Transport Future

CSIR-CRRI

21st November, 2025

In a groundbreaking and historic development for India's mobility sector, the CSIR-Central Road Research Institute (CSIR-CRRI) and the ITS India Forum have signed a pioneering Memorandum of Understanding (MoU) to redefine India's Intelligent Transport Systems (ITS) ecosystem through unprecedented joint research, innovation, and capacity-building initiatives. This strategic partnership brings together India's



premier national institute for road and transport research and the country's leading ITS think tank to spearhead the next wave of smart mobility solutions.

A Transformative Collaboration for India's Mobility Revolution.

Designed to accelerate India's paradigm shift toward safer, smarter, and more efficient mobility, this path-breaking collaboration will strengthen scientific research, industry engagement, and policy integration at an unprecedented scale...

Read More: [The Tribune](#)

CSIR-IIIM begins tulip plantation in Pulwama

CSIR-IIIM

21st November, 2025

CSIR Indian Institute of Integrative Medicine (IIIM), Jammu, under the Ministry of Science & Technology, Government of India, today commenced its annual tulip plantation at the Institute's Field Station at Bonera, Pulwama.

Inaugurating the plantation, Dr. Zabeer Ahmed, Director, CSIR-IIIM, said that the Institute is implementing the pan India CSIR Floriculture Mission to enhance India's capabilities in commercial floriculture. He noted that the

programme aims to position Jammu & Kashmir as a future hub for tulip bulb production, helping India transition from an import dependent consumer to a self sufficient producer. He added that since 2021, the Mission has achieved significant milestones in strengthening the floriculture sector and empowering farmers through high-value ornamental crop production.

As part of the event, CSIR-IIIM organized a workshop on integrated apiculture...

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Worth Rs 12000 a Kilo, 180 Farmers Have Created India's First Lavender Honey in Kashmir's Purple Fields

CSIR-IIIM

21st November, 2025

In the early light, 28-year-old beekeeper Zahoor Mir lifts a wooden frame from one of his 80 hives in Arihal. Bees rise in a soft chorus. The scent of lavender drifts across purple rows that run beside apple orchards. Sunlight catches on thick amber honey. Zahoor smiles and calls it “the valley’s new liquid gold”.

“Just a few years ago, I could not have imagined earning from flowers,” he says, brushing a bee from his hand. “Now, lavender has changed everything, from how our fields look to how we think about farming.”

This season carries a clear peg. Kashmir has produced its first pilot batch of scientifically authenticated lavender honey. Scientists at the CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM) have validated it as monofloral lavender honey, a milestone that could place India alongside established producers such as France and Italy...

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Noise barriers on flyovers reduce health risks: CSIR study

CSIR-CRRI

22nd November, 2025

Installing noise barriers across Delhi could yield annual health-related savings of up to Rs 5.5 crore per 1,000 people exposed to noise pollution in a 1km stretch, a Council of Scientific & Industrial Research (CSIR) study has found. At a conference on recent advances in traffic noise modelling and mitigation for urban areas organised by CSIR-CRRI (Central Road Research Institute) on Friday, researchers discussed solutions to the city's growing noise pollution and showcased the barriers it has been developing to shield residents living near the city's flyovers.

Director of CSIR-CRRI, Prof Manoranjan Parida, said, "Air and noise pollution don't have to be discussed in a sequence," adding that both continue to affect the city deeply. Dwarka Expressway is an example of effective implementation of noise barriers on highways, he said.

The institute has been recommending the installation of such barriers on several flyovers, including key traffic points, such as Vasant Vihar flyover and 'silent zones' like the AIIMS flyover. According to the study presented by Dr Nasim Akhtar, which undertook a cost-benefit analysis of noise barriers and health impact in case of different modes of transport...

Read More: [Times of India](#)

CSIR-IMMT Celebrates 84th CSIR Foundation Day

CSIR-IMMT

24th November, 2025

The 84th CSIR Foundation Day was celebrated with great enthusiasm by CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar. Dr. Ranjit Rath, Chairman and Managing Director, Oil India Limited was the Chief Guest on the occasion.

Although CSIR Foundation Day is traditionally observed on 26 September at the CSIR Headquarters in New Delhi, CSIR-IMMT commemorated the occasion this year with great enthusiasm, featuring a poster exhibition and several institutional showcases.

In his welcome address, Dr. Ramanuj Narayan, Director, CSIR-IMMT, highlighted CSIR's remarkable contributions to India's growth across diverse sectors—ranging from leather and chemicals to aerospace, mining, and pharmaceuticals. He also announced that CSIR-IMMT has recently been selected as a Centre of Excellence (CoE) in Critical Minerals by the Ministry of Mines.

Senior scientists Dr. Kali Sanjay, Dr. L.D. Besra, and Dr. Trupti Das joined the Director and the Chief Guest on the dais...

Read More: [Samvidhan News](#)

CSIR and ICMR Hold High-Level Brainstorming Meeting to Chart Joint Health Research Roadmap under the “Whole of Government Approach to Benefit the Whole of Society”

CSIR

25th November, 2025

The Council of Scientific and Industrial Research (CSIR) and the Indian Council of Medical Research (ICMR) convened a high-level Brainstorming Meeting today at the CSIR Science Centre, New Delhi, to strengthen ongoing collaborations and outline a forward-looking, integrated roadmap for joint health research.



The meeting was co-chaired by Dr. N. Kalaiselvi, Director General, CSIR and

Secretary, DSIR, and Dr. Rajiv Bahl, Director General, ICMR and Secretary, Department of Health Research. Directors of several CSIR and ICMR laboratories, along with senior officials from both organisations, participated in the discussions.

During the deliberations, the two organisations reviewed the progress of major ongoing collaborative initiatives, including CSIR molecules...

Read More: [PIB](#)

Director IIIM briefs CS on advanced R&D initiatives

CSIR-IIIM

25th November, 2025

Director, CSIR-Indian Institute of Integrative Medicine (IIIM) Jammu, Dr. Zabeer Ahmed today called on Chief Secretary, Atal Dulloo and apprised him of the institute's ongoing research and development initiatives, along with its role in advancing the region's scientific and bio economic landscape.

During the interaction, the Director provided a comprehensive overview of CSIR-IIIM's institutional activities, highlighting its impactful work in the domestication and captive

cultivation of medicinal and aromatic plants across Jammu & Kashmir.

He outlined the progress made under CSIR's flagship programmes, including Aroma Mission, Floriculture initiatives and region-specific Smart Agriculture Missions, which aim to integrate scientific interventions with agricultural practices to enhance ...

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CSIR-NML Celebrates 75 Years of Innovation, Strengthening India's March Toward Scientific Leadership

CSIR-NML

25th November, 2025

CSIR–National Metallurgical Laboratory (NML), one of the country's premier research institutions under the Ministry of Science & Technology, Government of India, has completed a glorious 75-year journey of pioneering technological advancements in minerals, metals, and materials.

Established with a vision to fuel the nation's industrial growth, the laboratory today stands as a symbol of India's scientific excellence—driving innovations that directly contribute to the nation's economic progress and Sustainable Development Goals.

Over the decades, CSIR-NML has played a transformative role in the metallurgical sector, empowering industries with indigenous technologies and supporting India's aspiration for Viksit Bharat (Developed India). Armed with modern infrastructure and a highly skilled scientific workforce, the Laboratory continues to push boundaries in research and industrial problem-solving.

Advancing Steel Research for Strategic Growth

At the forefront of steel innovation, CSIR-NML is developing cutting-edge steel grades for diverse sectors—automotive, defence, space, oil & gas, and heavy engineering. Its portfolio includes armour-grade steels for national defence, super-martensitic steels for spacecraft, impact-resistant Hadfield steel for mining and crushing equipment, and high-performance API steels with superior hydrogen embrittlement resistance for expanding energy pipelines...

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CSIR-CSMCRI Releases Book “Waste to Wealth” (Kachre Se Kanchan)

CSIR-CSMCRI

25th November, 2025

CSIR-Central Salt & Marine Chemicals Research Institute (CSMCRI) organized a book release programme on Friday, November 21, 2025 for its latest Hindi publication “Waste to Wealth” (Kachre Se Kanchan). Dr. Geetha Vani Rayasam, Director, National Institute of Science Communication and Policy Research (NIScPR), New Delhi graced the occasion as Chief Guest, while Dr. Kannan Srinivasan, Director, CSIR-CSMCRI presided over the programme.



The event commenced with a welcome address by Dr. B. Ganguly, Chief Scientist. Dr. D.D. Ozha and Dr. J.R. Chunawala, the authors of the book, highlighted the significance of the book in supporting the vision of Swachh Bharat Abhiyan of the Hon'ble Prime Minister. Dr Ozha emphasized that the book provides valuable insights into management of solid, plastic, electronic, biomedical, and chemical wastes, and showcases research across CSIR institutes on converting waste into useful products...

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CSIR-NIScPR and CSIR-NPL jointly organise Curtain Raiser for India International Science Festival (IISF 2025)

CSIR-NIScPR, CSIR-NPL

25th November, 2025

The Curtain Raiser for the India International Science Festival (IISF) 2025 was held today at Vivekananda Hall, CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), Pusa Campus, New Delhi. The event was jointly organised by CSIR-NIScPR and CSIR-National Physical Laboratory (CSIR-NPL). During the event, the institutes also commemorated the Janjatiya Gaurav Diwas.

In her Welcome Address, Dr. Geetha Vani Rayasam, Director, CSIR-NIScPR, highlighted the vision of IISF 2025 and briefed the audience on its key thematic events. She underscored the significance of the IISF events, Science & Technology Media Conclave and Vigyanika – Science Literature Festival, both coordinated by CSIR-NIScPR.

Delivering the Introductory Remarks, Dr. Sanjay R. Dhakate, Officiating Director, CSIR-NPL, spoke about the 11th edition of IISF and reiterated the role of science in national development. He also emphasised the importance of India's time standard, maintained by the National Physical Laboratory. Shri R.K.S. Roushan, Controller of Administration, CSIR-NIScPR...

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India International Science Festival 2025 curtain-raiser held at CSIR-NML in Jamshedpur

CSIR-NML

27th November, 2025

The curtain-raiser event of the 11th India International Science Festival (IISF) 2025, scheduled to be held at Panchkula in Haryana from December 6 to 9, was organised at the CSIR–National Metallurgical Laboratory (CSIR–NML) here on Thursday.

In a statement, CSIR–NML said the event served as a prelude to IISF 2025, which will be held with the theme 'Vigyan Se Samruddhi – For Atmanirbhar Bharat'.

The programme began with the screening of a documentary on CSIR–NML's Platinum Jubilee, followed by the arrival of the chief guest and other dignitaries.

BIT Mesra vice-chancellor and former director of IIT Kanpur, Indranil Manna, delivered a lecture titled 'The World of Materials: Impact on Development and Growth.'

He discussed the significance of materials science in national progress, the relationship between structure and properties of materials, and encouraged students to contribute to 'Engineering for Viksit Bharat @2047...

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IIIM hosts expert lecture on 'Ethics of Science' by India's renowned Scientist, Prof. P. Balaram

CSIR-IIIM

27th November, 2025

CSIR-Indian Institute of Integrative Medicine, (CSIR-IIIM) today hosted an expert lecture on 'Ethics of Science' by Padma Bhushan Prof. P. Balaram, Former Director of Indian Institute of Science, Bangalore and the country's renowned Biochemist.

The talk was a part of CSIR Standing Publications, Ethics and Scientific Vigilance Committee (SEC), lecture series was in hybrid mode and was attended by S&T staff, students from the institute and across the R&D and academic institutions across India .

Delivering his lecture, Prof. Balaram very lucidly blended humour, history and hard questions while unpacking the evolving meanings of "ethics in science".

Prof. Balaram, in his talk, narrated different ethical dilemmas faced in the field of scientific research. From questionable publication practices to disputes over data, from translational research to the obsession with rankings and impact factors, he said contemporary science faces numerous ethical challenges...

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CSIR-SERC organises Seminar on Earthquake safety of precast and prefabricated structures

CSIR-SERC

27th November, 2025

A one-day seminar on earthquake safety of precast and prefabricated structures was conducted in hybrid mode by CSIR-SERC on 26 November 2025. More than 270 participants joined the event online, and over 50 participants attended in person.

Dr. P. Kamatchi, Head, ASTaR Laboratory, delivered the opening remarks. Dr. N. Anandavalli, Director, CSIR-SERC and Coordinating Director, CMC, provided an overview of the technologies developed at CSIR-SERC particularly emphasizing the Centre's significant role in precast and prefabricated structures on precast housing. The seminar featured expert talks from leading academicians, researchers, and industry professionals.

Dr. Pinar Okumus, Associate Professor, University at Buffalo and Prof. Yogendra Singh, Professor, Department of Earthquake Engineering, IIT Roorkee presented state-of-the-art research on the seismic performance of precast structures. Shri. Yogesh Kajale, BG Shirke Construction, Shri. Prasad CA, Metey Engineering and Consultancy, Shri. Amit Barde, L&T Construction and Shri. S. Sathiyaseelan, Teemage Precast Inc...

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Curtain raiser for IISF 2025 held at CSIR-IICT

CSIR-IICT

27th November, 2025

A curtain raiser programme for the India International Science Festival (IISF) 2025 was held at CSIR-IICT on Thursday, marking the formal start to preparations for the 11th edition of the country's premier science outreach event.

The theme for IISF 2025 is "Vigyan Se Samruddhi: For Aatmanirbhar Bharat."

The India International Science Festival is jointly organised by the Government of India and Vijnana Bharati every year to showcase scientific progress, encourage innovation and connect researchers, students, industry and the public.

The 2025 edition will be hosted at Panjab University, Chandigarh from December 6 to 9. CSIR-IICT Director D. Srinivasa Reddy and Abhey Ram Bansal, Chief Scientist at CSIR-NGRI, attended the curtain raiser and spoke about India's growing strength in science and technology, the role of research in national development, and the importance of nurturing scientific curiosity among young people...

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Lady Doak College hosts international academia–industry innovation conclave

CSIR

27th November, 2025

Departments of Physical, Chemical and Biological Sciences of Lady Doak College are jointly conducting a three day International Academia - Industry - Innovation Conclave (AIIC - 2025) on the theme 'Science Driven - Industry Powered - Future Focused'. The event was inaugurated on Thursday.

The conclave sponsored by the Council of Scientific and Industrial Research (CSIR) is aimed to bridge academia and industry by fostering research collaboration, innovation and a vibrant startup culture through invited talks, exhibitions, pitch sessions and interactive platforms, said the press release.

The programme aligned with NEP 2020, the UN Sustainable Development Goals, national missions, including Digital India, Startup India and Viksit Bharat with a strong focus on sustainable solutions in Energy, Environment, and Healthcare.

Director General, CSIR and Secretary, DSIR N. Kalaiselvi, in her address through video conference, highlighted the significance of unlearning obsolete practices...

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CSIR-NEERI की तकनीक से चंद्रपुर में विकसित हुआ हाईटेक Sewage Management System

CSIR-NEERI

28th November, 2025

महाराष्ट्र के चंद्रपुर जिले में सीवेज मैनेजमेंट और स्वच्छता व्यवस्था को मजबूत करने की दिशा में लगातार उल्लेखनीय कदम उठाए जा रहे हैं। इसी दिशा में CSIR-NEERI ने भारत सरकार के विज्ञान एवं प्रौद्योगिकी विभाग के सहयोग से नवीन मैकेनिकल डिवायर्सिंग एंड ड्राइंग सिस्टम का विकास किया है। सफल परीक्षण के बाद इस अत्याधुनिक प्रणाली को चंद्रपुर नगर निगम को सौंपा गया। यह प्रणाली सेप्टिक टैंकों से आने वाले फीकल स्लज को वैज्ञानिक तरीके से प्रोसेस करती है, उसमें से पानी को तेजी से अलग करती है, और ठोस सामग्री को ड्राइंग सिस्टम में सुखाकर उसकी मात्रा को काफी कम कर देती है। यह तकनीक प्रति 8 घंटे में करीब 25 क्यूबिक मीटर, यानी 25 हजार लीटर फीकल स्लज को ट्रीट करता है, साथ ही इस पूरी प्रक्रिया में एलपीजी का उपयोग होता है...

Read More: [ANI News](#)

Dr Thanikaivelan Appointed Director CSIR Central Leather Research Institute

CSIR-CLRI

28th November, 2025

CSIR Central Leather Research Institute in India gets a new leader today as Dr P Thanikaivelan steps in as the 15th director, succeeding Dr. K J Sreeram, who completed his 6 year tenure.

Dr Thanikaivelan is a leather technologist from Anna University where he finished his B Tech, M Tech & PhD. He joined CLRI in 2002 and rose to Chief Scientist and before becoming director he was the Head of the Advanced Materials Laboratory at CLRI.

He specializes in clean leather processes including award winning waterless chrome tanning, advanced materials & plant based leather like materials.

His work in zero discharge tanning and biocatalytic processing earned him major recognition early in his career. In 2006 he received the CSIR Young Scientist Award for shifting traditional chemical tanning to cleaner biological pathways.

Over time he expanded his research into advanced materials by converting collagen waste into self doped carbon nanostructures for energy applications. He also focused on turning hide trimmings and shaving dust into high value products that reduce solid waste in tanneries...

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CSIR-IIIM organizes 2nd half-yearly meeting of TOLIC

CSIR-IIIM

29th November, 2025

The 2nd half-yearly meeting of the Town Official Language Implementation Committee (TOLIC), Jammu for the financial year 2025 was held here today at CSIR-IIIM, Jammu. Dr. Zabeer Ahmed, Director, CSIR-IIIM and Chairman, TOLIC Jammu, chaired the meeting.

The meeting aimed to review the Hindi-related work carried out by member institutions during the last two quarters and to compile essential information for uploading on the official TOLIC portal of the Ministry of Home Affairs.

The meeting witnessed participation from officers and staff of 102 TOLIC member offices from the region. Rakesh Kumar, Regional Passport Officer, Devpraskah Naryan, Regional Director National Institute of Open Schooling, Jammu; Sanjay Sharma, Member Secretary, TOLIC Jammu and Rajesh Gupta, Administrative Officer, CSIR-IIIM, were on the presidium while Kumar Pal Sharma, Joint Director, Department of Official Languages, MHA joined the meeting virtually...

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