



सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India



News Bulletin
01 To 15 September 2025

CSIR in Media

CIMAP researchers develop AI-based solution to detect adulteration in medicinal plants

CSIR-CIMAP

29th August, 2025

Researchers at the CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP) in Lucknow have introduced a groundbreaking AI-based solution to tackle food fraud and adulteration in India's natural medicine industry.

Led by senior scientist CH Ratnasekhar, the team developed a machine learning-guided metabolomic fingerprinting technique to ensure the authenticity of botanicals like turmeric, ashwagandha, basil, and others. Published in the journal 'Food Chemistry', this innovative method combines artificial intelligence with high-resolution mass spectrometry to analyse the unique chemical fingerprints of these plants.

The technique boasts over 98% accuracy in identifying the geographical origin, variety, and specific plant parts, while also detecting adulterated samples. This cutting-edge method ensures the authenticity of valuable botanicals, safeguarding consumer trust and the livelihoods of Indian farmers. "By comparing genuine samples with those available in the market, the researchers have built robust models that boast over 98% accuracy in identifying the geographical origin, variety, and specific plant parts...

Read More: [Times of India](#)

St. Joseph Convent School's students explore science at CSIR-NML Jamshedpur

CSIR-NML

29th August, 2025

The CSIR-National Metallurgical Laboratory (NML), Jamshedpur, organized a laboratory visit for 86 students and 7 teachers from St. Joseph's Convent High School, Ghatsila, under the CSIR-Jigyasa Virtual Laboratory project. The programme aimed at fostering scientific curiosity and introducing young learners to the world of research and innovation.

The day began with an inaugural session where Dr. Sandip Ghosh Chowdhury,



Director of CSIR-NML, delivered the welcome address. He highlighted NML's role in India's growth through 75 years of technological development and pioneering contributions. This was followed by an address from Dr. Sarmistha Sagar, Chief Scientist and Head of IMDC, who spoke on the institute's significant research and development work. Later, Dr. Animesh Jana, Senior Scientist at IMDC, explained the objectives of the Jigyasa ...

Read More: [Avenue Mail](#)

Four herbal products created by CIMAP to hit market shortly

CSIR-CIMAP

29th August, 2025

Four herbal products developed by Central Institute of Medicinal and Aromatic Plants (CIMAP) will be available in the markets soon.

The institute has transferred the technology of its herbal shampoo Habisoft; floor disinfectant Flomop; pain relief balm Panechhu; and an aroma-therapeutic, anti-inflammatory pain-relieving oil Relaxomap, to a Haryana-based company for mass production.

The technology was transferred during the institute's annual day celebration on Thursday.

Mayor Sushma Kharakwal inaugurated the event along with CIMAP director Prabodh Kumar Trivedi. Kharakwal commended the institute's significant contributions to the field of medicinal and aromatic plants, emphasising the growing global interest in natural medicines and cosmetics due to concerns over synthetic alternatives."There is a need for standardisation in herbal medicines to build public trust and encourage further research ...

Read More: [Times of India](#)

Directors CSIR-IIIM & Horticulture Jammu reviews Tissue Culture, Virus Indexing, Bio-Control Laboratories at Mega Fruit Plant Nursery, Chakroi

CSIR-IIIM

30th August, 2025

Dr. Zabeer Ahmed, Director, CSIR-Indian Institute of Integrative Medicine (IIIM), Jammu, and Sh. Gul Sayed, Director Horticulture, Jammu Division, UT of Jammu & Kashmir, jointly conducted a comprehensive review of the Plant Tissue Culture, Virus Indexing, and Bio-Control Laboratories established at the Mega Fruit Plant Nursery, Chakroi, RS Pura, Jammu, here today.



These state-of-the-art laboratories have been strategically established under HADP of APD of Jammu & Kashmir Govt. with the objective of producing disease-free planting material through tissue culture-based mass multiplication of superior fruit varieties while maintaining genetic uniformity. The virus indexing laboratories are equipped with advanced equipment for comprehensive testing of plant material for the presence of viruses through ELISA (Enzyme-Linked Immunosorbent Assay) and Real-Time PCR technologies. The bio-control laboratories are designed for the production of eco-friendly bio-pesticides ...

Read More: [The News Now](#)

Honey on high

CSIR-IIIM

31st August, 2025

The scent of lavender fills the walkways across 60 hectares of the Field Station, Bonera, in south Kashmir's Pulwama. The lavender bushes are protected by a tall tree line with thick green foliage at the Council of Scientific and Industrial Research's Indian Institute of Integrative Medicine (CSIR-IIIM), an affiliate of its Jammu centre. Amid its exotic plants sections are geranium, rosemary, and roses, even blue Italian hibiscus trees. Here, the institute has begun to produce mono-floral lavender



honey for the first time ever. This has paved the way for India to join a few Western countries like France, Spain, Italy, Bulgaria, England, and Turkey to enter the global market of premium, sought-after lavender honey. A kilogram of this sells between ₹5,000 and ₹6,000 in the global market, six times higher than the price of regular organic honey.

The journey to producing mono-floral lavender honey started in June of 2022 when Shahid Rasool, the principal scientist at CSIR-IIIM's Field Station in Pulwama observed an increasing number of honey bees foraging for nectar in the vast lavender fields ...

Read More: [The Hindu](#)

4 Day Training Program for Tribal Farmers concludes at CSIR-IIIM

CSIR-IIIM

1st September, 2025

Under the Department of Science & Technology (DST) sponsored Science, Technology & Innovation (STI) Hub Project, the CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu has successfully completed the Four-Day Hands-on Training Programme aimed at empowering tribal farmers through scientific training in aromatic crops, value addition, and sustainable livelihoods.



Dr. Zabeer Ahmed, Director, CSIR-IIIM while speaking at the valedictory function said that CSIR-IIIM Jammu endeavoured to work in the pursuit of a game changer campaign “Start-Up India, Stand-Up India”, unveiled by Prime Minister, Narendra Modi during his Independence Day address on August 15, 2015, to promote entrepreneurship at grass root level which was further steered by Dr Jitendra Singh, Union Minister of State (Independent Charge) for Science & Technology; MoS PMO, Personnel, Public Grievances, Pensions, ...

Read More: [Jammu Link News](#)

CSIR-SERC successfully signed a Memorandum of Agreement with M/s Mudbhary and Joshi Construction Pvt. Ltd.,(MJCPL) Nepal, for testing of 132kV D/C “DA” Type Suspension Tower

CSIR-SERC

1st September, 2025

CSIR-SERC (Structural Engineering Research Centre), a premier national laboratory under CSIR, is engaged in the analysis, design and testing of structures and structural components. CSIR-SERC has expertise and facilities to carry out experimental studies and is engaged in the field of analysis and testing of transmission line and communication towers. Based on discussions with CSIR-SERC, MJCPL is



desirous of collaborating with CSIR-SERC in carrying out testing of 132kV D/C “DA” type suspension tower. Subsequently, CSIR-SERC has successfully signed a Memorandum of Agreement with M/s Mudbhary and Joshi Construction Pvt. Ltd.,(MJCPL) Nepal, for testing of 132kV D/C “DA” type suspension tower. The testing of this transmission tower ...

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CFTRI's five-day health check-up camp screens 300 persons

CSIR-CFTRI

1st September, 2025

A five-day extensive health check-up camp at Council of Scientific & Industrial Research – Central Food Technological Research Institute (CSIR-CFTRI), Mysuru, as part of the CSIR Health Cohort Project — a multi-institutional, five-year-long national initiative covering all CSIR laboratories across India.

The project aims to develop clinically useful, personalised risk predictions for various communicable and non-communicable diseases. Over 10,000 CSIR employees, including retirees and their spouses, have been identified as subjects for the study. Launched in 2022, the project completed its first phase at CSIR-CFTRI in February 2023.

Participants in the camp underwent extensive medical tests, including complete blood count (CBC), liver and kidney function tests and blood sample collection for detailed biochemical markers and advanced omics investigations such as genomics, proteomics, metabolomics, cytokine profiling and telomere length measurement. Imaging and diagnostic scans — including spirometry, ECG, body composition analysis, liver scans...

Read More: [Star of Mysore](#)

लेमनग्रास की खेती व तेल निष्कर्षण पर पांच दिवसीय प्रशिक्षण का समापन

CSIR-NML

1st September, 2025

सीएसआईआर-राष्ट्रीय धातुकर्म प्रयोगशाला (एनएमएल) ने जेवियर इंस्टीट्यूट ऑफ ट्राइबल एजुकेशन (एक्सआईटीई) गम्हरिया के सहयोग से ग्रामीणों के लिए लेमनग्रास की खेती और तेल निष्कर्षण विषय पर पांच दिवसीय प्रशिक्षण कार्यक्रम का सफल आयोजन अगस्त 2025 में सीएसआईआर इंडियन इंस्टीट्यूट ऑफ इंटीग्रेटिव मेडिसिन (आईआईआईएम) जम्मू में किया। विज्ञान और प्रौद्योगिकी विभाग (डीएसटी) द्वारा प्रायोजित एसटीआई हब परियोजना के तहत आयोजित कार्यक्रम का उद्देश्य ग्रामीणों को वैकल्पिक खेती से सतत आजीविका उपलब्ध कराना था। झारखंड के सात चयनित गांवों बसाहातू, पताहातू, ...

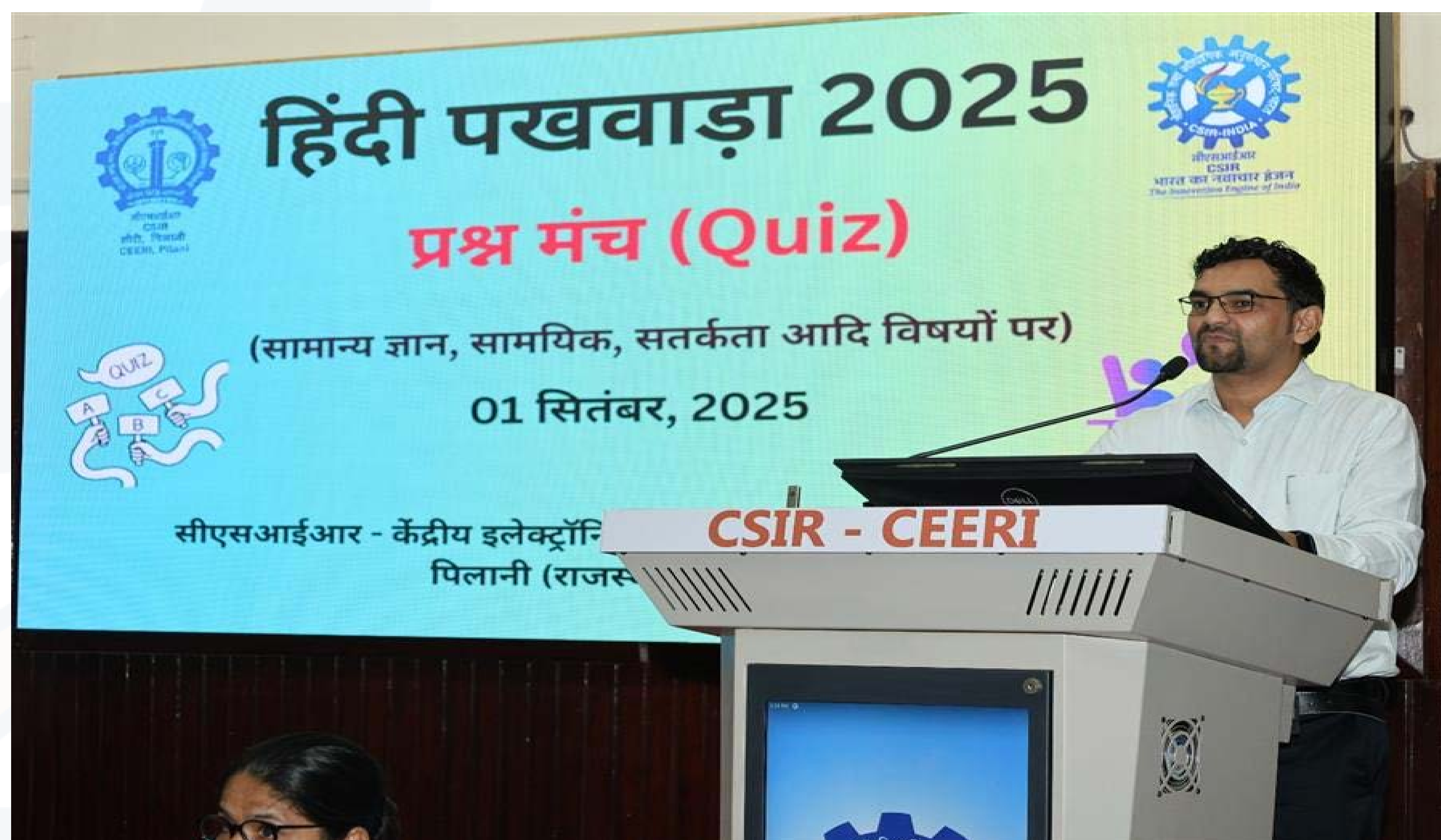
Read More: [Live Hindustan](#)

सीएसआईआर-सीरी में हिंदी पखवाड़े का शुभारंभ

CSIR-CEERI

2nd September, 2025

सीएसआईआर-केंद्रीय इलेक्ट्रॉनिकी अभियांत्रिकी अनुसंधान संस्थान (सीएसआईआर-सीरी), पिलानी में हिंदी पखवाड़े का विधिवत शुभारंभ हुआ। पखवाड़े का आरंभ प्रश्न मंच (क्विज़) से हुआ, जिसमें प्रतिभागियों से सामान्य ज्ञान, समसामयिक घटनाओं, सतर्कता, खेल, सिनेमा आदि विषयों पर प्रश्न पूछे गए। प्रतिभागियों ने बड़ी उत्साह के साथ कार्यक्रम में भाग लिया। सही उत्तर देने वाले प्रतिभागियों को प्रोत्साहनस्वरूप अच्छी गुणवत्ता वाला पेन भेंट किया गया। प्रश्न मंच



(क्विज़) का संचालन संस्थान की राजभाषा कार्यान्वयन समिति के सदस्य एवं प्रधान वैज्ञानिक डॉ. विजय चटर्जी ने किया।

इस अवसर पर वरिष्ठ हिंदी अधिकारी श्री रमेश बौरा ने पखवाड़े की रूपरेखा प्रस्तुत करते हुए बताया कि पखवाड़े के दौरान आशुभाषण, वाद-विवाद, प्रशासनिक प्रस्तुतीकरण, तकनीकी प्रस्तुतीकरण, कविता पाठ आदि आयोजित किए जाएंगे। उन्होंने बताया कि हिंदी पखवाड़े ...

Read More: [Abhitak News](https://www.abhitaknews.com)

संबलपुर में शहद की खेती से आदिवासी महिलाओं का सशक्तीकरण

CSIR-NBRI

3rd September, 2025

ओडिशा के संबलपुर में रहने वाली एक आदिवासी महिला पहले घर के कोने में बैठकर या जंगल से वनोपज इकट्ठा करके बाजार में बेचकर कुछ पैसे कमाती थीं. हालांकि, बाद में उसने कुछ नया करने का सोचा और सबुज सनातनपाली किसान उत्पादक संगठन (FPO) की मदद से उसने मधुमक्खी पालन शुरू किया. मधुमक्खी पालन करने वाली संबलपुर के जुजुमुरा ब्लॉक के मुसाकनी गांव की 30 आदिवासी महिलाओं ने आत्मनिर्भर बनकर सफलता की कहानी लिखी है. जुजुमुरा ब्लॉक की कंसार पंचायत के अंतर्गत



मुसाकनी गांव में लगभग 30 आदिवासी परिवार रहते हैं. शहर से दूर मुसाकनी गांव प्राकृतिक सुंदरता से भरपूर है. हालांकि, विकास इस गांव से कोसों दूर है. अब इस गांव में मधुमक्खी पालन ने गांव की एक नई पहचान बनाई है. स गांव में स्थानीय स्वयं सहायता समूह की महिलाओं द्वारा 'सबुज सनातनपाली' एफपीओ की मदद से CSIR फ्लोरीकल्चर मिशन परियोजना के तहत पिछले साल मधुमक्खी ...

Read More: [ETV Bharat](https://www.etvbharat.com)

A New Generation Takes on the Himalayas: Students Lead the Charge for Conservation

CSIR-IHBT

3rd September, 2025



The vibrant town of Palampur, Himachal Pradesh, was recently abuzz with fresh ideas and passionate discussion as a major national symposium, driven entirely by students, wrapped up on September 3rd, 2025.

The event, titled “National Symposium on Sustainable Development and Conservation of Himalayan Bioresources,” was more than just an academic conference. It was a heartfelt tribute to the legacy of Dr. Sarvepalli Radhakrishnan on his birth anniversary, embodying his belief in the power of education. Over 100 students and experts from across India gathered at the CSIR-Institute of Himalayan Bioresource Technology (IHBT) to share a common goal: protecting the fragile Himalayan ...

Read More: [Himachal Headlines](#)

Union Minister Dr. Jitendra Singh Chairs High-Level Review Meeting of Science Secretaries at Kartavya Bhavan

CSIR

3rd September, 2025

Union Minister of State (Independent Charge) Science & Technology, Earth Sciences, Minister of State PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr. Jitendra Singh, today chaired a high-level periodic review meeting of all the Science Secretaries at the newly inaugurated Kartavya Bhavan, New Delhi. This was the first such combined meeting in the new premises after the Ministry's shift from North Block.



The meeting was attended by Principal Scientific Adviser to the Government of India, Prof. Ajay Kumar Sood, along with Science Secretaries and senior officials from the Department of Atomic Energy, Department of Space, Department of Science & Technology (DST), Department of Biotechnology (DBT), Council of Scientific & Industrial Research (CSIR), Ministry of Earth Sciences (MoES), and Indian Space Research Organization ...

Read More: [PIB](#)

Long-term infra and public-welfare projects among NDMC initiatives for preparation for monsoon

CSIR-CRRI

3rd September, 2025

The fourth meeting of the New Delhi Municipal Council (NDMC), presided over by Delhi Minister Parvesh Sahib Singh on Wednesday deliberated and approved a wide range of measures that underline its commitment to ensuring robust civic preparedness with modern infrastructure and long-term welfare for the residents.

The agenda of the meeting reflected both immediate priorities such as monsoon preparedness and forward-looking initiatives aligned with the Prime Minister Modi's vision of 'Viksit Bharat @2047'

Over monsoon preparedness, a round-the-clock control room, and emergency response teams have been activated to respond swiftly to rain-related emergencies.

De-silting of major drains across NDMC areas has been carried out to mitigate flooding risks, and a state-of-the-art sump with a capacity of 5 lakh litres has been installed at Purana Qila to address chronic water-logging.

A project worth Rs 13.10 crore has been approved for cleaning the Kushak and Ring Road drains using advanced robotic technology, ensuring efficiency and durability in the system.

It was also mentioned that 79 major roads in the NDMC area—including stretches near the Parliament, Prime Minister's residence, Rashtrapati Bhavan, and Connaught Place — will undergo reconstruction at an estimated cost of Rs 89.75 crore.

This project will be executed in collaboration with CSIR-CRRI, for which an MoU ...

Read More: [The Statesman](#)

CSIR-NEIST ने 31वें डॉ. जे. एन. बरुआ स्मृति व्याख्यान का आयोजन किया

CSIR-NEIST

3rd September, 2025

सीएसआईआर-पूर्वोत्तर विज्ञान एवं प्रौद्योगिकी संस्थान (सीएसआईआर-एनईआईएसटी) ने डॉ. जे. एन. बरुआ स्मारक ट्रस्ट और असम विज्ञान सोसायटी, जोरहाट शाखा के सहयोग से 31वें डॉ. जे. एन. बरुआ स्मारक व्याख्यान का आयोजन किया, जिसमें गणमान्य व्यक्तियों, वैज्ञानिकों, शिक्षाविदों और छात्रों ने भाग लिया। मुख्य अतिथि के रूप में स्मारक व्याख्यान देते हुए, कृषि वैज्ञानिक भर्ती बोर्ड के अध्यक्ष, डॉ. संजय कुमार, एफएनए ने पूर्वोत्तर क्षेत्र में जैव-संसाधन आधारित अर्थव्यवस्था विकसित करने के महत्व पर बल दिया।



उन्होंने कहा कि संसाधन संपन्न यह क्षेत्र आर्थिक चुनौतियों और कुपोषण से निपटने के लिए विज्ञान और प्रौद्योगिकी का उपयोग कर सकता है। शुष्क शौचालय, मूल्यवर्धित चाय उत्पाद, खाने के लिए तैयार खाद्य पदार्थ और अरोमा मिशन तथा पुष्पकृषि मिशन जैसी पहलों जैसे नवाचारों पर प्रकाश डालते हुए, डॉ. कुमार ने कहा कि इन प्रयासों ने किसानों और उद्यमियों को सशक्त बनाया है। कार्यक्रम में वर्षा वन अनुसंधान संस्थान के निदेशक डॉ. नितिन कुलकर्णी और असम विज्ञान प्रौद्योगिकी एवं पर्यावरण ...

Read More: [Janta se Rishta](#)

विश्व का मेंथॉल मिंट हब बना यूपी, CSIR-CIMAP लखनऊ द्वारा विकसित की 12 किस्में होंगी निर्यात

CSIR-CIMAP

4th September, 2025

सीएसआईआर-सीमैप (केंद्रीय औषधीय एवं सगंध पौधा संस्थान, लखनऊ) ने मेंथाल मिंट (पुदीना परिवार का पौधा) की 12 किस्मों का विकास किया है। जिससे देश के खासकर उत्तर प्रदेश के किसान नई तकनीक से खेती कर मालामाल होंगे। साथ ही अब मेंथाल मिंट को विदेशों में निर्यात किया जा सकेगा। कभी देश मेंथाल मिंट का आयात विदेशों से करता था लेकिन अब इसकी खेती और निर्यात में न केवल आत्मनिर्भर हो चुका है बल्कि विश्व पहले नंबर का उत्पादक और निर्यातक बन गया है। कुल वैश्विक उत्पादन का 80-85 प्रतिशत हिस्सा अकेले भारत में उत्पादन होने लगा है। करीब 40,000 टन मिंट ऑयल और इससे जुड़े उत्पादों का सालाना निर्यात होने लगा है। इस मेंथाल मिंट की क्रांति के पीछे सीएसआईआर-सीमैप की तीन दशक से चली आ रही वैज्ञानिक शोध और तकनीकी सहयोग की अहम भूमिका रही है। आधुनिक और उन्नत किस्मों की मदद से किसान अब मेंथा की खेती को जायद (रबी और खरीफ सीजन के बीच) के मौसम में बोनस फसल के रूप में उगाने लगे हैं। इससे उन्हें अपनी मुख्य अनाज फसलों से अधिक आमदनी हो रही है। संस्थान के वैज्ञानिक डॉ. मनोज सेमवाल के अनुसार मेंटहॉल मिंट और उससे जुड़े उत्पाद भारतीय अर्थव्यवस्था में 5,000 करोड़ रुपये से अधिक का योगदान दे रहे हैं।

मेंथाल मिंट की 12 किस्मों के नाम

एमएस-1, हाईब्रीड-77 (कालका), गोमती, हिमालय, कोसी, सक्षम, कुशल, संभव ...

Read More: [Amrit Vichar](#)

लिटिल एंजेल्स अकादमी परघाबाद के छात्रों ने किया शैक्षणिक भ्रमण

CSIR-CIMFR

5th September, 2025

सीएसआईआर जिज्ञासा छात्र वैज्ञानिक संपर्क कार्यक्रम के तहत लिटिल एंजेल्स अकादमी परघाबाद के कक्षा आठवीं से दसवीं तक के 30 विद्यार्थियों ने सीएसआईआर सेंट्रल इंस्टीट्यूट आफ माइनिंग व फ्यूल रिसर्च (सीआईएमएफआर) धनबाद का शैक्षणिक भ्रमण किया। विद्यार्थियों ने इस अवसर पर पर्यावरण प्रबंधन व सततता प्रभाग, एफएलपी प्रयोगशाला व आईओटी प्रयोगशाला का अवलोकन किया। उन्हें खदानों में सुरक्षा उपायों, पर्यावरणीय चुनौतियों के समाधान व आधुनिक प्रौद्योगिकी के उपयोग से संबंधित महत्वपूर्ण जानकारी दी गई। साथ ही विद्यार्थियों को फोल्डस्कोप माइक्रोस्कोप के जरिए प्रयोगात्मक कार्यका अनुभव भी कराया गया। विद्यालय परिवार ने सीएसआईआर सीआईएमएफआर के निदेशक प्रो. अरविंद कुमार मिश्रा के प्रति आभार व्यक्त किया।

कार्यक्रम का समन्वय मुख्य वैज्ञानिक व समन्वयक एचआरडी डा. अमर नाथ, मुख्य वैज्ञानिक व प्रमुख एचआरडी डा. दिलीप कुम्भकार, प्रधान वैज्ञानिक व नोडल जिज्ञासा डा. पल्लबी दास ने किया। उन्होंने विद्यार्थियों को वैज्ञानिक संवाद प्रदान कर अनुसंधान व नवाचार की दिशा में प्रेरित किया। भ्रमण दल का नेतृत्व विद्यालय के प्राचार्य मोहम्मद शोएब अंसारी ने किया। उनके साथ शिक्षक शंकर मुखर्जी...

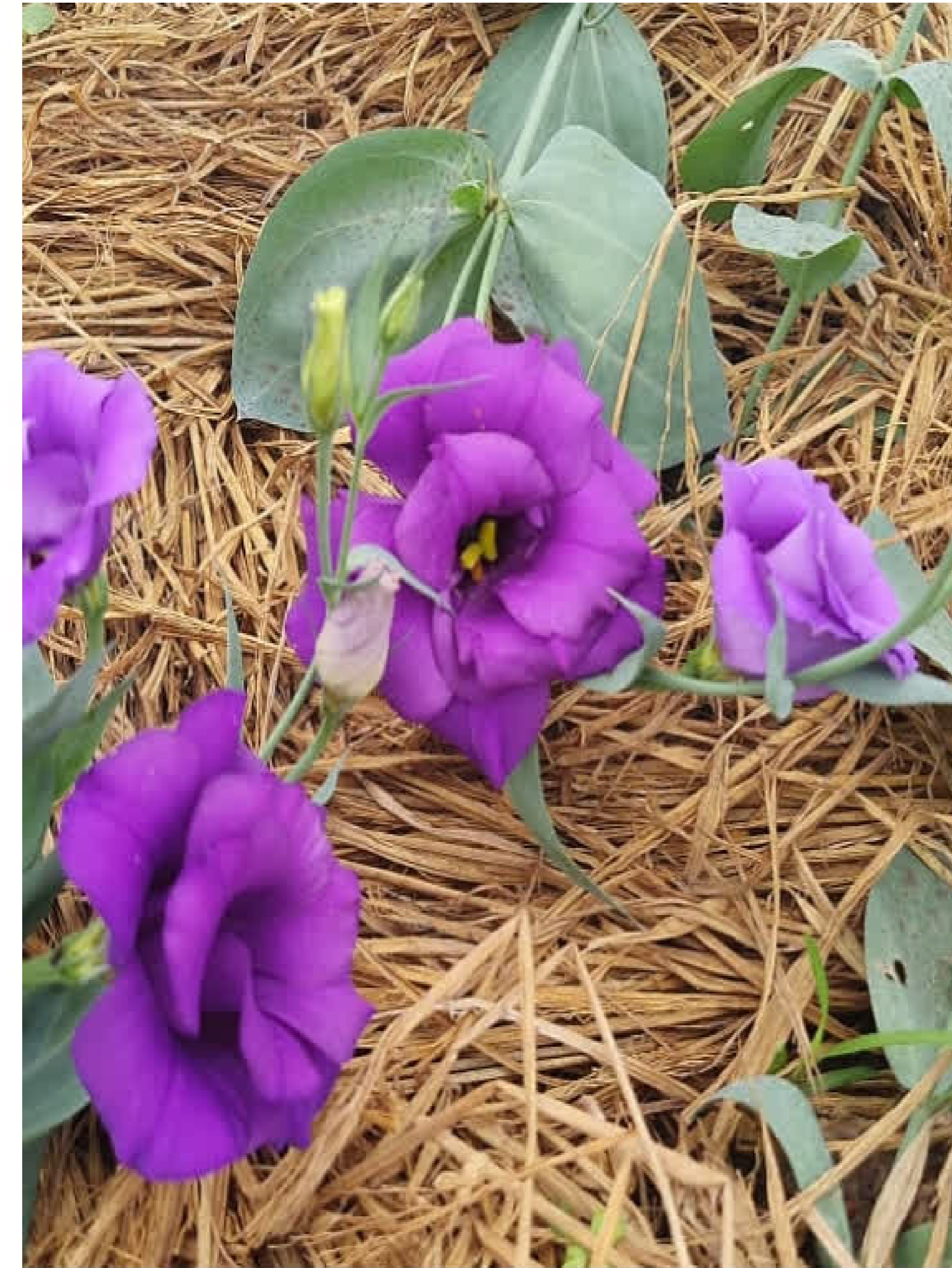
Read More: [Live Hindustan](#)

Exotic Eustoma Blooms For The First Time In Odisha's Sambalpur, To Sell For Rs 1500 A Bunch

CSIR-NBRI

5th September, 2025

Flowers in shades of pink, purple and white speak of the floral history that Sanatanpali village in Sambalpur district scripted as rays of the sun kissed the first blooms of exotic North American flower Eustoma. Making this possible is a 25-year-old farmer, Itish Pradhan, who with the support of scientific institutions and local administration has experimented with a new flower crop that has not only motivated him to scale it up but also given new hope to other farmers.



The idea was seeded by CSIR–National Botanical Research Institute (NBRI), Lucknow, which provided 2,000 seedlings of Eustoma to the Green Sanatanpali Farmer Producer Organisation (FPO), of which Itish was a member. A poly house, made available to him in collaboration with the district administration, was handed over to Itish. It was a time when he had left his job at a steel plant to pursue floriculture. Marking the beginning of a new revolution, on April 14, Union Minister and Sambalpur MP Dharmendra Pradhan inaugurated the plantation of the seeds. In four months, the experiment has yielded results and Itish proudly ...

Read More: [ETV Bharat](#)

Lavender lattes, mocktails, soaps... the flower is perfuming Jammu's Bhaderwah town in multiple ways

CSIR-IIIM

7th September, 2025

The shift began in 2016, when the Council of Scientific and Industrial Research–Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu, introduced lavender cultivation in Bhaderwah, nestled in the Chenab valley, under the Centre's Aroma Mission. The results were dramatic: farmers began earning three to four times more than they did from traditional crops like maize. But the transformation did not stop there. Bhaderwah is now buzzing with entrepreneurial energy, with cultivators launching startups built on lavender's growing popularity.



“My company was made out of lavender,” says Touqeer Ahmed, managing director of JK Aroma. What began as a small lavender patch eventually grew into a business empire. Founded in 2017, JK Aroma today sells over 25 value-added products—soaps, oils, perfumes, tea, incense sticks and more—through outlets in Jammu and Kashmir, Goa, ...

Read More: [The Week](#)

Hyderabad and Kolkata scientists develop smart metal agents to combat aggressive breast cancer

CSIR-CCMB

7th September, 2025

In a groundbreaking collaborative research effort, scientists from Hyderabad and Kolkata have discovered new, powerful agents that can fight aggressive forms of breast cancer. These therapeutic agents, which are tiny metal compounds, can act like ‘super-soldiers’ with a special ability to fight the tricky triple-negative breast cancer cells, unlike chemotherapy, radiation and surgery, which act on even healthy cells and not just cancer cells.

Developed by scientists from Hyderabad-based Centre for Cellular and Molecular Biology ([CCMB](#)) and IISER Kolkata, the powerful agents effectively target and kill the cancer-causing cells in two distinct ways.

The study, published in *Journal of Medicinal Chemistry* (July, 2025), indicates that the anti-cancer agents, which are metal-based compounds, enter the cancer cells and begin damaging them through a process called reactive oxygen species (ROS). These agents can destroy the defences of cancer cells, which are proteins known as peroxiredoxins and superoxide dismutase.

Without their defences, the cancer cells are destroyed in two different ways. One way is a process known as ferroptosis, where cancer cells basically rust from inside and fall apart. In the other way, which is known as autophagic cell death, where the anti-cancer agents ...

Read More: [Telangana Today](#)

TB patients to benefit from millet-rich nutrition kits

CSIR-IHBT

7th September, 2025

In a significant push towards TB elimination, ACME Welfare Foundation, New Delhi, in collaboration with Tashvika India Food, has joined as a Nikshay Mitra in Himachal. This initiative stands out by offering millet-based nutrition kits instead of traditional grain donations, tailored to aid faster recovery in TB patients.

Designed using research from CSIR-IHBT, Palampur, and ICAR-IIMR, Hyderabad, the kits include highly nutritious items under the “Amrit Bhojanam” brand — such as multi-millet high-protein panjeeri mix, ragi cookies and millet nutribar. Rich in vitamins, iron and dietary fibre, millets have a low glycemic index, making them ideal for TB patients and the general population alike.

A millet awareness workshop was also held at Zonal Hospital, Dharamsala, supported by local Rotary and Inner Wheel Clubs. Sadhvi Pandey, MD of Tashvika India, educated attendees on millet’s health benefits and proper cooking ...

Read More: [The Tribune](#)

IUST Signs MoU with CSIR-NEIST

CSIR-NEIST

8th September, 2025



The Islamic University of Science and Technology (IUST) today signed a Memorandum of Understanding (MoU) with the Council of Scientific & Industrial Research–North East Institute of Science and Technology (CSIR–NEIST) to strengthen research collaboration, innovation, and knowledge exchange between the two institutions.

The MoU was signed by Prof. Virendra M. Tiwari, Director CSIR–NEIST, Jorhat, and Prof. Abdul Wahid Makhdoomi, Registrar IUST, in the presence of Prof. Shakil A. Romshoo, Vice Chancellor IUST. The ceremony was attended by Deans, Heads of Departments, the Finance Officer, Director CIED, administrative officers, as well as Dr. Shahid Rasool and Dr. Mohammad Ayub from CSIR–IIIM, and Dr. Mantu Bhuyan, Senior Scientist ...

Read More: [Brighter Kashmir](#)

Neeri conducts training on POPs monitoring for pollution control boards

CSIR-NEERI

8th September, 2025

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), in its capacity as the Stockholm Convention Regional Centre (SCRC-India), organized a five-day capacity-building programme on Monitoring and Assessment of Persistent Organic Pollutants (POPs) in the Environment from September 1-5, 2025. The training, held under the GEF-UNEP project on POPs, was attended by 25 officials from Central and State Pollution Control Boards



The programme was inaugurated by director Dr S Venkata Mohan, followed by an overview from principal scientist Dr A Ramesh Kumar. Experts including Dr MP Patil, Dr Sanjeev Kumar Singh, and several national resource persons delivered lectures ...

Read More: [Times of India](#)

डॉ. गीता वाणी रायसम ने एनआईएससीपीआर निदेशक का पदभार संभाला

CSIR-NIScPR

10th September, 2025

डॉ. गीता वाणी रायसम ने 9 सितंबर, 2025 को आधिकारिक तौर पर सीएसआईआर-राष्ट्रीय विज्ञान संचार और नीति अनुसंधान संस्थान (एनआईएससीपीआर) के निदेशक के रूप में कार्यभार संभाला है। अपने उद्घाटन भाषण में, उन्होंने ज्ञान अर्थव्यवस्था में भारत की भूमिका को मजबूत करने के लिए विज्ञान संचार, चुस्त विज्ञान, प्रौद्योगिकी और नवाचार (एसटीआई) नीतियों और वैश्विक साझेदारी के लिए भविष्य के लिए तैयार दृष्टिकोण पर जोर दिया।



परिवर्तनकारी NIScPR की दृष्टि

डॉ. रायसम ने कहा कि कृत्रिम बुद्धिमत्ता, डिजिटल प्लेटफॉर्म और तीव्र वैश्विक परिवर्तनों के इस युग में भारत की विज्ञान-प्रौद्योगिकी-नवाचार (STI) प्रणाली को शीघ्रता से अनुकूल होना होगा। उन्होंने समय के साथ विकसित होने वाली लचीली और उत्तरदायी नीतियों की आवश्यकता पर बल दिया, जिससे NIScPR न केवल भारत बल्कि वैश्विक दक्षिण (Global South) के लिए भी एक विज्ञान नीति विचार-नेता के रूप में स्थापित हो सके।

मुख्य प्राथमिकताएँ

पारंपरिक विज्ञान नीति मॉडलों से आगे बढ़ना
विज्ञान संचार को सतत विकास लक्ष्यों (SDGs) के साथ संरेखित ...

Read More: [Current Affairs](#)

Awareness program on Intellectual Property Rights organised at CSIR-IMMT Bhubaneswar

CSIR-IMMT

10th September, 2025

A one-day awareness program on Intellectual Property Rights (IPRs) under MSME Innovative Scheme has been jointly organised by MSME-DFO, Cuttack and CSIR-Institute of Minerals and Materials Technology (IMMT) on September 04, 2025 at CSIR-IMMT Auditorium, Bhubaneswar with a series of sessions on various aspects of IPR. This



program has been channelized through the CRTDH, InTEC, BITE C @ CSIR-IMMT and MAITRI components of CSIR-IMMT in association with MSME-DFO and attended with about 800 participants covering MSME, Startups, Entrepreneurs, Students, Faculty, Academia, Research and other professionals across Odisha attesting to a great success on sensitisation of IPRs. The inaugural session was represented with the Directors and other officials from both the organizing teams. Nitisha Mann, Deputy Director, MSME-DFO ...

Read More: [Odisha Ray](#)

CSIR DG commends NITI Aayog for meeting on Ease of Doing R&D

CSIR

10th September, 2025

Director General of CSIR N. Kalaiselvi commended the timely consultation process initiated by NITI Aayog for revamping scientific research in the country, stressing the need for the coexistence of various funding agencies along with newly created networks, and the enhancement of the number of fellowships in all categories as mandatory measures for furthering indigenous science and technology development.

The two-day sixth regional consultative meeting on 'Ease of Doing R&D,' hosted by CSIR-IICT, Hyderabad, commenced on Wednesday. Delivering the keynote address, N. Kalaiselvi said that trust-based funding, performance-based evaluation, and accountability with transparency were urgent necessities. "It is also essential to take into account a variety of scientific disciplines with their differing environments of functioning, and problems of statements have to be accommodated into the reformed systems for advancing national scientific goals," she said.

Welcoming the gathering of the eminent scientific community, host institute ...

Read More: [The Hindu](#)

IIW Jamshedpur, CSIR-NML organize skill competition for welders

CSIR-NML

11th September, 2025

The Indian Institute of Welding (IIW), Jamshedpur Branch, in collaboration with CSIR–National Metallurgical Laboratory (CSIR–NML), organized the Branch Level Best Welder Competition on September 11 under the CSIR–Integrated Skill Initiative. The event formed a part of the National Skill Competition for Best of the Best Welders–2025.

The competition was inaugurated at CSIR–NML during its Platinum Jubilee year,



celebrating 75 years of excellence as a “temple of research, education, and knowledge” since its inauguration by Pandit Jawaharlal Nehru. Chief Guest VP Thakur, Tata Steel, emphasized the pivotal role of welding in ensuring the safety and reliability of infrastructure. Dr KL Sahu, Dr. Anand Prabhakaran, and UB Rao highlighted the importance of innovation...

Read More: [Avenue Mail](#)

पुलवामा के किसानों को CSIR का तोहफ़ा: लैवेंडर और शहद उत्पादन से आय में होगा इजाफ़ा

CSIR-IIIM

11th September, 2025

CSIR पुष्पकृषि एवं मधुमक्खी पालन मिशन के तहत मधुमक्खी पालन के जरीए किसीनो को बेहतर फायदा और लाभ के बारे में समझाया गया है. इस विषय से जुड़ने के लिए लगभग 40 किसानों सहित पढ़े लिखे युवाओं ने भी हिस्सा लिया है. इस कार्यक्रम में को लैवेंडर और अन्य शहद उत्पादन के लिए प्रशिक्षित किया गया.

CSIR IIIM फील्ड स्टेशन बुनुरा ने आज दक्षिण कश्मीर के पुलवामा जिले में स्थित एशिया के सबसे बड़े लैवेंडर फार्म में एक संवाद और मधुमक्खी बॉक्स वितरण के कार्यक्रम का आयोजन किया गया, जिसमें 40 से अधिक किसान शामिल हुए.

इस कार्यक्रम के दौरान पुलवामा के उपायुक्त डॉ. बशारत कयूम, CSIR IIIM के निदेशक डॉ. ज़बीर अहमद के साथ संस्थान प्रमुख अब्दुल रहीम और बुनुरा फील्ड स्टेशन प्रमुख डॉ. शाहिद रसूल सहित अन्य लोग मौजूद रहे.

CSIR IIIM फील्ड स्टेशन बुनुरा इच्छुक लोगों को कृषि उद्यमी बनने में मदद करने के लिए लगातार विभिन्न प्रकार के प्रशिक्षण और जागरूकता कार्यक्रम आयोजित कर रहा है. इसका सिर्फ एक ही मकसद है कि यहां के किसानों को लैवेंडर और अन्य शहद उत्पादन के लिए प्रशिक्षित ...

Read More: [Zee News](#)

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् भारत
CSIR-INDIA

सीएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India

11th September, 2025

Read More: [Hindustan Times](#)

CSIR IIIM distributes 430 Apiculture Units under CSIR Floriculture Mission

CSIR-IIIM

12th September, 2025

In a major outreach for strengthening the apiculture sector in the J&K UT, CSIR – Indian Institute of Integrative Medicine Jammu, distributed 430 apiculture units to 43 farmers of districts of Pulwama, Baramulla, Budgam, Shopian and Ganderbal under CSIR Floriculture Mission today at its Field Station, Bonera, Pulwama. The event was organized as part of the culmination of the 10 days programme on ‘Entrepreneurship



Development and Farmer Empowerment through Capacity Development’ under the CSIR Floriculture Mission. The programme witnessed the participation of Dr Basharat Qayoom, Deputy Commissioner (DC) Pulwama; Dr Zabeer Ahmed, Director CSIR IIIM; Er Abdur Rahim, Head CSIR IIIM Branch Lab Srinagar; Dr Shahid Rasool Principal Scientist and Scientist Incharge CSIR IIIM Field Station Bonera, Pulwama; officers and researchers of CSIR IIIM and 80 farmers and agri-entrepreneurs and eminent ...

Read More: [State Times](#)

मुख्यमंत्री 14 को करेंगे सी एस आई आर स्टार्टअप कॉन्क्लेव का शुभारंभ

CSIR

12th September, 2025

वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद (सीएसआईआर) 14-15 सितंबर को स्टार्ट-अप कॉन्क्लेव 2025 का आयोजन करेगी। इसका शुभारंभ केंद्रीय विज्ञान एवं प्रौद्योगिकी राज्य मंत्री (स्वतंत्र प्रभार) जितेंद्र सिंह व मुख्यमंत्री योगी आदित्यनाथ 14 सितंबर को करेंगे। इस कॉन्क्लेव का विषय अनुसंधान एवं विकास को स्टार्ट-अप में बदलना: उद्योगों और समाज के लिए कृषि, पर्यावरण एवं स्वास्थ्य हेतु नवाचार है। एनबीआईआई के निदेशक डॉ. ए.के. शासनी ने यह जानकारी गुरुगुवार को पत्रकारों को दी। उन्होंने बताया कि सी एस आईआर अरोमा और फ्लोरीकल्चर मिशन के तहत बनाए गए देश के विभिन्न समूहों से 200 से अधिक किसानों, लाभार्थियों एवं सी एस आईआर प्रौद्योगिकियों से विकसित 50 से अधिक स्टार्टअप व उद्यमियों द्वारा अपने उत्पादों का प्रदर्शन होगा।

इसमें आदिवासी किसान भी शामिल होंगे। उन्होंने कहा कि इस आयोजन के जरिए फूलों की खेती, हर्बल उत्पादों और सतत कृषि में स्टार्ट-अप को सशक्त बनाना है। इस आयोजन में सीआईएसआर की चार संस्थाएं राष्ट्रीय वनस्पति अनुसंधान संस्थान, केंद्रीय औषधि अनुसंधान संस्थान, भारतीय विष विज्ञान अनुसंधान संस्थान और केंद्रीय औषधीय एवं सगंध पादप संस्थान (सीमैप) संयुक्त ...

Read More: [Live Hindustan](#)

UP CM Adityanath, Union Minister Jitendra Singh to visit Lucknow CSIR Start Up Conclave on September 15

CSIR

12th September, 2025

Uttar Pradesh Chief Minister Yogi Adityanath and Union Minister of State (Independent Charge) for Science and Technology Jitendra Singh are set to visit the CSIR Start-up Conclave 2025 in Lucknow on September 15. The two-day conclave will be held from Sunday to Monday to promote indigenous technologies, start-ups. Scientists, innovators, industry leaders, entrepreneurs, investors, and policymakers will also attend the event,



centred on the theme 'Translating R&D into Start-ups: Innovation for Agriculture, Environment & Health for industries and society'. The event is organised by four Lucknow-based laboratories of the Council of Scientific and Industrial Research (CSIR): CSIR-National Botanical Research Institute, CSIR-Central Drug Research Institute, CSIR-Indian Institute of Toxicological Research, and CSIR-Central Institute of Medicinal & Aromatic Plants...

Read More: [The Week](#)

Engineering duo turns crop waste into eco-friendly leather

CSIR-CLRI, CSIR-NCL

13th September, 2025

Two tech-savvy graduates are shaking up the leather industry with their vegan startup, 'Avinya', using agricultural waste to create durable, biodegradable leather and attracting major interest before hitting the market. Two young boys, one studying to be a Civil engineer and the other a Computer engineer, are allocated a room in the dorm at Ahmedabad University. As luck would have it, both students were deeply concerned about the stubble burning and the pollution it causes in Punjab, Haryana, and UP. Their daily conversations became increasingly focused on stubble burning and the dangers of leather industry pollution. It got to a point that the two of them, Jenil Gandhi (22) and Manan Vyas (23), decided that they should start a business that would be able to tackle these two problems at least.

The duo began working on their idea right after graduating in 2023, setting aside their engineering degrees to pursue a greater purpose. "Since we knew nothing about leather, we had to start from scratch," says Jenil. "We got in touch with some leather experts in Germany, and it was their encouragement and our persistence that helped us get the initial knowledge."

They soon connected with the Central Leather Research Institute (CLRI...

Read More: [Hindustan Times](#)

Agri-innovation workshop held in Wokha

CSIR-NEIST

13th September, 2025



A consultative meeting and capacity-building workshop on “Advanced Agriculture and Allied Sector Development through Science, Technology and Innovation” was held at the Deputy Commissioner’s office, Wokha, on Friday. The programme was jointly organised by the District Administration, Wokha, and CSIR-Northeast Institute of Science and Technology (NEIST), Jorhat.

Addressing the gathering, Director of CSIR-NEIST, Dr. Virendra M. Tiwari, underscored the potential of Wokha’s agro-climatic conditions for floriculture, apiculture and aromatic crop cultivation. He highlighted chamomile as a promising crop for the region, noting that it can be cultivated thrice annually in Nagaland and supports monofloral honey production due to its nectar-yielding properties.

Technical sessions during the workshop covered high-value flowers such as peony, ranunculus, gladiolus and marigold under floriculture; chamomile, lemongrass, citronella and essential oils under aromatic crops; and integrated beekeeping with honey production and by-products. Dr. Tiwari assured continued support from NEIST to farmers ...

Read More: [Nagaland Post](#)

CSIR-IMMT Bhubaneswar and University of Saskatchewan Canada sign Joint Declaration of Intent to advance critical minerals research



CSIR-IMMT

13th September, 2025

The Council of Scientific & Industrial Research – Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar, India, and the University of Saskatchewan (USask), Saskatoon, Canada, have taken a significant step in critical minerals research collaboration through a Joint Declaration of Intent.

At a ceremony hosted at the High Commission of Canada in New Delhi, Dr.Ramanuj Narayan, Director of CSIR-IMMT, formalized the Joint Declaration of Intent (JDI). Dr.Baljit Singh, Vice-President Research, USask, participated virtually and reaffirmed the University's commitment to the collaboration.

The event was presided over by Scott Matthies, Managing Director, and Harish Vaidyanathan, Senior Trade and Investment Officer from the Saskatchewan Trade Office in India, with faculty and scientists from both countries also joining online. This understanding follows a high-level delegation from the University of Saskatchewan ...

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Exotic Eustoma blooms in Odisha with NBRI efforts

CSIR-NBRI

14th September, 2025

Eustoma, a flower until now available in Odisha only through imports, has bloomed locally for the first time — opening up opportunities for farmers to cultivate the exotic plant and reap profits. After successfully growing Eustoma on its campus in Lucknow, the National Botanical Research Institute (NBRI), a research arm of the Council of Scientific and Industrial Research



(CSIR), has achieved a breakthrough by cultivating the flower - native to Mexico and America - in Odisha. The flower bloomed in a polyhouse developed by NBRI at Sanatanpali in Sambalpur district. “For months our scientists were relentlessly devoted to testing whether the plant could survive in hot conditions. If Eustoma can thrive in Sambalpur, farmers will be able to cultivate it in their fields,” said NBRI Director Ajit Kumar Shasany. Calling the development a major boost to hi-tech floriculture in Odisha, Dr. Shasany added, “This initiative opens new avenues for farmers, creates livelihood opportunities, and introduces exotic flowers ...

Read More: [The Hindu](#)

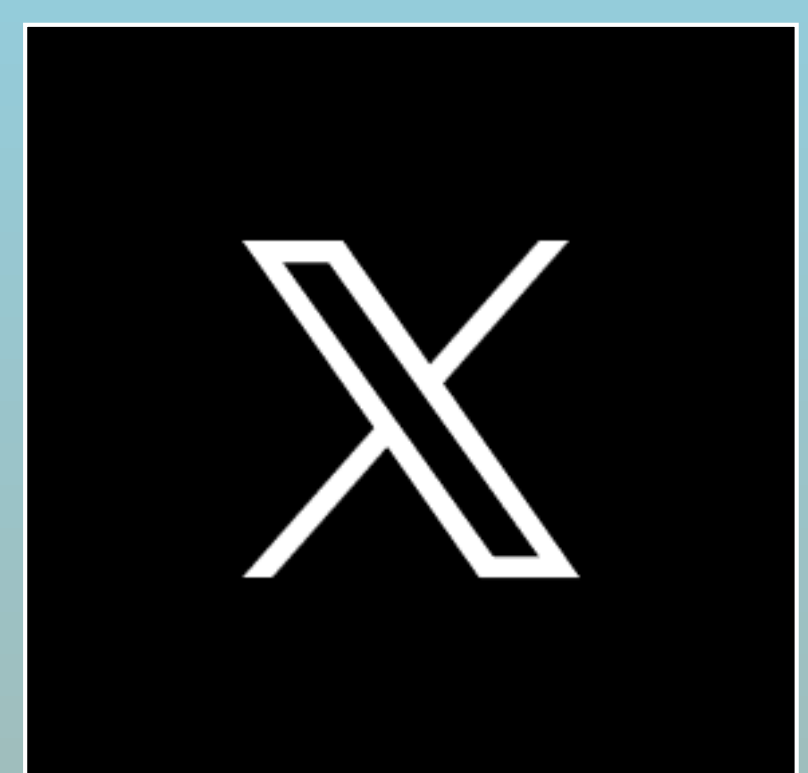


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