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CSIR in Media



News Bulletin
16 to 31 July 2026

CSIR-CRRI Showcases Next-Generation Road Technologies, Strengthens Industry Partnerships for Wider Deployment

CSIR-CRRI

16th July, 2026

The CSIR-Central Road Research Institute (CSIR-CRRI) today commenced its year-long Platinum Jubilee Celebrations (July 16, 2026 – July 16, 2027) with the launch of a nationwide first-phase implementation of advanced indigenous road infrastructure technologies across 16 towns or locations in the country. The initiative marks a significant step towards demonstrating and



scaling up innovative, sustainable road construction and maintenance technologies developed by CSIR-CRRI through strategic collaborations with industry and implementing agencies.

The celebrations were inaugurated by Union Minister of State (Independent Charge) for Science & Technology and Earth Sciences; Minister of State in the Prime Minister's Office, Personnel, Public Grievances and Pensions, Department of Atomic Energy and Department of Space, Dr. Jitendra Singh, who called for stronger collaboration between scientific institutions, industry and State governments to ensure that home-grown technologies are implemented on a much larger scale across the country...

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CSIR-NIScPR and Office of CGPDTM signed MoU to Strengthen Access to Global Knowledge Resources through NKRC

CSIR-NIScPR

16th July, 2026

In a significant step towards strengthening access to high-quality scientific, technical and intellectual property information, the Office of the Controller General of Patents, Designs and Trade Marks (CGPDTM), Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Government of India, and the CSIR-National Institute of Science



Communication and Policy Research (CSIR-NIScPR) signed a Memorandum of Understanding (MoU) today for participation in the National Knowledge Resource Consortium (NKRC).

The MoU signing ceremony was held at Saraswati Hall, Bouddhik Sampada Bhawan, Dwarka, New Delhi, in the presence of senior officials from both organizations. The MoU was formally signed by Prof. (Dr.) Unnat P. Pandit, Controller General of Patents, Designs and Trade Marks (CGPDTM), and Dr. Geeta Vani Rayasam, Director, CSIR-NIScPR.

The event commenced with a welcome to the dignitaries, followed by presentations highlighting the activities of both organizations and the role of NKRC in providing seamless access to world-class scientific and technical information resources...

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Ladakh Begins Work on India's Highest Commercial Lilium Cultivation Field

CSIR-IHBT

16th July, 2026

The development of India's highest commercial Lilium cultivation field has begun at Choglamsar in Leh, marking a major milestone for Ladakh's floriculture sector. This first-of-its-kind initiative aims to create new livelihood opportunities by introducing large-scale, high-altitude flower farming in the region, a statement issued in Leh on Thursday said.

According to it, over fifty thousand premium Lilium bulbs have been planted in just three days, with the first bloom expected in the first week of September. Spread across 93,000 square metres along the banks of Indus originating in Tibet near Lake Mansarovar, the Choglamsar Flower Field is being shaped into one of the country's largest organised high-altitude floriculture parks. While Mana in Uttarakhand currently hosts India's highest flower field at 3,200 metres, the Choglamsar site surpasses it at approximately 3,265 metres...

Read More: [Deccan Chronicle](#)

CSIR, Partners Map Science-led Roadmap For Sustainable Development In Kargil

CSIR-NIScPR

18th July, 2026

The CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), in collaboration with academic institutions and local stakeholders, has held a multi-stakeholder consultation in Kargil to identify science and technology-driven solutions for sustainable regional development.

The discussions focused on strengthening livelihoods, promoting rural entrepreneurship and identifying scalable interventions suited to the region's distinct socio-economic and climatic conditions.

Science And Technology Solutions For Himalayan Region

During the first technical session, experts from leading scientific institutions presented technologies and research initiatives with potential applications in the Himalayan region.

R. S. Praveen Raj, Scientist-F at CSIR-NIIST, showcased advanced agricultural technologies suited to mountain ecosystems, including dehumidified drying solutions for agricultural produce...

Read More: [Business World](#)

Govt launches White Rabbit tech network to secure Indian Standard Time

CSIR-NPL

18th July, 2026

The Centre on Saturday said it has commissioned a demonstration network that uses "White Rabbit" precision timing technology to distribute a secure, tamper-resistant national time signal, as the country pushes to reduce reliance on foreign timing sources for critical infrastructure.

Union food and consumer affairs Pralhad Joshi last week launched the network at the Regional Reference Standard Laboratory (RRSL) in Bengaluru, a joint project of the Department of Consumer Affairs, the government-run CSIR-National Physical Laboratory (CSIR-NPL) and the Indian Space Research Organisation (ISRO).

The system disseminates Indian Standard Time -- traceable to the national time-keeping authority UTC (NPLI) -- using Precision Time Protocol-based White Rabbit technology...

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Plastic may harm kids' ability to learn

CSIR-IITR

19th July, 2026

A chemical commonly found in everyday plastic items— from water bottles to tiffin boxes — may be quietly harming the brain's ability to learn and remember, according to a new study conducted in the city.

Researchers have found that bisphenol-A (BPA), widely used in food containers and packaging, can interfere with how brain cells produce and use energy. They warn that even tiny amounts of the chemical can leach into food — especially when plastic is exposed to heat or acidic conditions — and enter the body over time.

The study, published in the Journal of Biochemistry in March, was led by Dr Rajnish Kumar Chaturvedi from the CSIR–Indian Institute of Toxicology Research (IITR), along with researchers Phoolmala, Saurabh Tiwari, Ranjeet Kumar Yadav and Shweta Singh Chauhan. The research is the result of nearly five years of work. It focuses on the hippocampus, a critical region of the brain responsible for learning and memory...

Read More: [Times of India](#)

CSIR-IITR develops method to detect 45 PFAS compounds in 10 mins

CSIR-IITR

19th July, 2026

Have you ever thought that a food box carrying your pizza or the plastic bottle from which you drink water, could contain a cancer-causing chemical that also suppresses immunity and poses other serious health risks?

Not just in food boxes, but in widely used products ranging from non-stick cookware and food packaging materials to cosmetics, textiles, paints and firefighting foams, per- and polyfluoroalkyl substances (PFAS) have emerged as a growing environmental and public health concern worldwide.

PFAS are used as protective coatings to repel grease, oil and water, and to prevent food from sticking. “PFAS are a large family of man-made chemicals used to make everyday products resistant to water, grease and stains. Due to their resistance to degradation, PFAS remain in the environment for extended periods, raising concerns over long-term exposure and potential health impacts,” researchers at Lucknow-based CSIR–Indian Institute of Toxicology Research (CSIR-IITR) said ...

Read More: [Times of India](#)

Maharashtra Green Hydrogen Ecosystem Gets Major Push at CSIR-NCL Stakeholder Meet

CSIR-NCL

20th July, 2026

CSIR-National Chemical Laboratory (CSIR-NCL), Pune, through its Centre of Excellence (CoE) in green hydrogen ecosystem development, successfully organized a Stakeholder Meet on Green Hydrogen Ecosystem Development at the CSIR-NCL campus.

Supported by the Maharashtra Energy Development Agency (MEDA) and the Government of Maharashtra, the event brought together policymakers, industry leaders, researchers, technology developers, academia, and hydrogen ecosystem stakeholders from across the country.

Welcoming the participants, Dr. Ashish Lele, Director, CSIR-NCL, Pune, said that the true cost of conventional energy extends beyond market prices, as society ultimately bears the economic burden of climate change, environmental degradation, and energy insecurity.

He emphasized that green hydrogen ecosystem initiatives should be evaluated in this broader context and highlighted their potential to play a key role in India's transition towards a sustainable and self-reliant energy future...

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CSIR-IICT, ISRO-VSSC Join Hands To Develop Indigenous Eco-Friendly Blowing Agent Technology

CSIR-IICT

21st July, 2026

In a move aimed at boosting India's self-reliance in advanced materials, the city-based Indian Institute of Chemical Technology (CSIR-IICT) and the Vikram Sarabhai Space Centre (VSSC) of the Indian Space Research Organisation (ISRO) signed a memorandum of understanding (MoU) to jointly develop indigenous next-generation environmentally sustainable technology for blowing agents — used to develop lightweight polymer foams — for strategic applications.

The collaboration will combine IICT's expertise in fluorochemical synthesis and process development with VSSC's application-specific requirements and technical evaluation capabilities. The initiative is expected to reduce India's dependence on imported speciality fluorochemicals.

The MoU was signed in the presence of senior officials from both organisations. The CSIR-IICT delegation was led by its Director Dr D/ Srinivas Reddy, along with Dr Nettem Choudary, distinguished scientist; Dr Pravin Likhar, head, BDRM; and Dr Punna Nagender, Scientist-E...

Read More: [Deccan Chronicle](#)

Skill Development Course On Pre-Clinical Research Commenced At CSIR-IIIM

CSIR-IIIM

21st July, 2026

The CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu, on Tuesday inaugurated a four-day Job Skill Development Training Programme on "Laboratory Animal Imaging and Experimental Techniques for Preclinical Research" under the CSIR-Integrated Skill Initiative, bringing together researchers, faculty members and scholars from across the country for intensive hands-on training in modern preclinical research techniques.

The programme, scheduled from July 21 to 24, commenced with the release of the training Manual by the Director Dr Zabeer Ahmed, senior scientists and faculty members.

Addressing the inaugural session, Dr Zabeer Ahmed, Director, CSIR-IIIM Jammu, welcomed over 32 participants drawn from universities, research institutions and academic organisations across India...

Read More: [Daily Excelsior](#)

CFTRI, NABARD join hands to bolster agro-food processing in Kalyana Karnataka

CSIR-CFTRI

21st July, 2026

In a step towards strengthening the agro-food processing ecosystem and enhancing value addition for agricultural produce in Karnataka, the National Bank for Agriculture and Rural Development (NABARD) and the CSIR-Central Food Technological Research Institute (CSIR-CFTRI), Mysuru, have signed a Memorandum of Agreement (MoA) to collaborate on technology transfer, process standardisation, product development, quality assurance, and capacity building for Farmer Producer Organisations (FPOs) and stakeholders in the Kalyana Karnataka region.

The collaboration aims to support the Farmer Training and Common Facility Centres (FT-CFCs) established by NABARD across seven districts, namely Bidar, Yadgir, Kalaburagi, Raichur, Koppal, Ballari and Vijayanagara. The initiative is expected to enhance value addition, improve product quality, strengthen food safety practices, and create sustainable livelihood opportunities for farmers and rural entrepreneurs, the CFTRI said...

Read More: [The Hindu](#)

India's Indigenous Aviation Vaults Forward: Saras Mk II Flight Tests Slated for Late 2027

CSIR-NAL

21st July, 2026

The Council of Scientific and Industrial Research-National Aerospace Laboratories (CSIR-NAL) has officially frozen and completed the critical design phase for the Saras Mk II. This pivotal structural milestone transitions the country's premier indigenous regional transport programme from digital design suites into active prototype fabrication and full-scale assembly.

Engineers are focusing heavily on system integration. While CSIR-NAL will handle advanced composite structures in-house to optimise structural weight, metallic parts and major sub-assemblies are being outsourced to Indian industry stalwarts, including Hindustan Aeronautics Limited (HAL) at its specialised Kanpur facility.

Engineered for Local Realities

The twin-turboprop Saras Mk II is engineered to conquer operating environments that frequently sideline foreign aircraft. Boasting a pressurised cabin, digital glass cockpit, autopilot and command-by-wire flight control systems, the multi-role platform delivers short take-off and landing (STOL) performance...

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Odisha to get Rs 500 Cr critical mineral processing park under Centre's NCMM

CSIR-IMMT

22nd July, 2026

Odisha is set to get a Critical Mineral Processing Park (CMPP) at Paradip under the Centre's National Critical Minerals Mission (NCMM). Union Minister of State for Coal and Mines Satish Chandra Dubey announced the development in Rajya Sabha on Monday.

Replying to a question by BJP MP Sujeet Kumar, Dubey said that the proposed park would be established at the Petroleum, Chemicals and Petrochemicals Investment Region (PCPIR) in Paradip. The facility is intended to strengthen critical mineral processing and value addition by providing common infrastructure for industries involved in processing critical minerals. It would also support downstream sectors, including the steel industry, which relied on these minerals, as reported by The Times of India.

Project To Strengthen Critical Mineral Ecosystem

The CMPP is one of four such parks proposed across the country under the NCMM, having a total outlay of Rs 500 crore. According to the minister, the project aimed to enhance the country's critical mineral processing capabilities while supporting industries dependent on these strategic resources...

Read More: [Odisha TV](#)

Council of Scientific and Industrial Research (CSIR) and Nalanda University Sign MoU to Advance Science-Led Sustainable Development, Technology Outreach and Rural Transformation

CSIR

22nd July, 2026

In a significant step towards integrating science, sustainability and societal development with global higher education, the Council of Scientific and Industrial Research (CSIR) and Nalanda University (NU) today signed a Memorandum of Understanding (MoU) to jointly promote technology deployment, sustainability, rural development, skill enhancement and



scientific outreach. The partnership aims to leverage CSIR's indigenous technologies and Nalanda University's international academic ecosystem to create scalable models of community-centric development while enhancing the global visibility of Indian scientific innovations.

The MoU was exchanged in the presence of Dr. N. Kalaiselvi, Director General, CSIR & Secretary, DSIR; Prof. Sachin Chaturvedi, Vice-Chancellor, Nalanda University, and Shri Rudrendra Tandon, Secretary (East), Ministry of External Affairs; and along with senior officials, scientists and faculty members from both institutions...

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Four CSIR Technologies Licensed to Industry and Smart Rural Water Monitoring Technology Commercially Launched

CSIR-CSIO

23rd July, 2026

The Council of Scientific and Industrial Research (CSIR) today organized a Technology Transfer Event at the CSIR Headquarters, New Delhi, bringing together scientists, industry partners, technology adopters and strategic stakeholders. The programme, organized by CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh, witnessed the transfer of



four indigenous technologies to industry, the commercial launch of an IoT-enabled rural water service delivery, measurement and monitoring system, and recognition of royalty received from Bharat Electronics Limited (BEL), Panchkula, for licensed production of indigenous defence technologies.

The event was graced by Dr. N. Kalaiselvi, Director General, CSIR & Secretary, DSIR, and attended by senior officials, scientists and staff members from CSIR Headquarters, CSIR-CSIO and industry partners...

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Siripuram Gets CSIR-IICT's 500 KLD Combined Effluent Treatment Plant

CSIR-IICT

23rd July, 2026

In a significant step towards sustainable rural development, environmental protection and technology led community empowerment, the CSIR–Indian Institute of Chemical Technology (CSIR-IICT) here on Thursday formally handed over a 500 KLD Model Decentralised Combined Effluent Treatment Plant (ETP) for the treatment of textile dyeing effluent and domestic wastewater to Siripuram Gram Panchayat in Yadadri Bhuvanagiri district.

The programme commenced with a visit to the 500 KLD ETP and a demonstration of its treatment units. In his welcome address, Director, CSIR-IICT, Dr. D. Srinivasa Reddy, said “The Siripuram Model Decentralised Effluent Treatment Plant demonstrates how scientific innovation can directly address environmental challenges while improving the lives and livelihoods of rural communities.”

“It is a true ‘Lab to Loom’ initiative, translating indigenous research into a practical and sustainable solution for the handloom sector. We believe this model has strong potential for replication across textile and handloom clusters in the country, contributing to water conservation, pollution prevention and sustainable rural development,” Reddy said...

Read More: [Deccan Chronicle](#)

CSIR-NIScPR Released Technical Report on Human-Centered AI and Hosted Distinguished Lecture by Ms. Debjani Ghosh

CSIR-NIScPR

23rd July, 2026

The CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR), New Delhi, hosted Ms. Debjani Ghosh, Distinguished Fellow, NITI Aayog, for a Distinguished Lecture on "Key Trends Shaping the Tech Frontiers" on Tuesday. The lecture brought together scientists, researchers, academicians and students to deliberate on emerging technology trends,



Artificial Intelligence (AI), digital innovation and India's evolving technology ecosystem.

On the occasion, Ms. Debjani Ghosh released the Institute's technical report titled "Human-Centered AI and Sustainable Development: Holistic Pathways for Energy Security" in the presence of Dr. Geeta Vani Rayasam, Director, CSIR-NIScPR, senior scientists, researchers, faculty members and invited dignitaries. The report brings together the key deliberations and recommendations emerging from the International Symposium on Human-Centered AI and Sustainable Development: Holistic Pathways for Energy Security, organised by CSIR-NIScPR as a Pre-Summit Event to the India AI Impact Summit 2026...

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IPC Strengthens Viksit UP–Viksit Bharat Vision Through Strategic MoUs to Advance Healthcare Quality and Scientific Innovation

CSIR-CIMAP

23rd July, 2026

The Indian Pharmacopoeia Commission (IPC), an autonomous institution under the Ministry of Health & Family Welfare, Government of India, reinforced its commitment to the vision of Viksit UP–Viksit Bharat by signing and renewing two Memoranda of Understanding (MoUs) with Dr. Shakuntala Misra National Rehabilitation University (DSMNRU), Lucknow, and CSIR-



Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP).

The ceremony was attended by Prof. Sanjay Singh, Vice-Chancellor, DSMNRU, Dr. V. Kalaiselvan, Secretary-cum-Scientific Director, IPC, and senior officials from CSIR-CIMAP...

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CSIR Licenses Sukhoi SU-30 HUD Components And Three Industrial Monitoring Technologies To Indian Companies

CSIR-CSIO

23rd July, 2026

The Council of Scientific and Industrial Research (CSIR) today (23 July_ organised a Technology Transfer Event in New Delhi, where four indigenous technologies were licensed to industry and an IoT-enabled rural water service, measurement and monitoring system was commercially launched.

The programme, organised by CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh, also saw recognition of royalty received from Bharat Electronics Limited (BEL), Panchkula, for licensed production of indigenous defence technologies.

Pump Academy Private Limited, Bengaluru was licensed to produce the Induction Motor Stethoscope (MSCOPE), Portable and Universal Motor-cum-Pump Performance Monitor (PU-MPPM) and i-Power Quality Analyser (IPQA).

Additionally, the optical module and beam combiner assembly for the head-up display (HUD) for SU-30 aircraft programmes was transferred to Bharat Electronics Limited (BEL), Panchkula...

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Bullayya College, CSIR-IICT sign MoU for research collaboration

CSIR-IICT

23rd July, 2026

Dr. Lankapalli Bullayya College (Autonomous), Visakhapatnam, recently entered into a memorandum of understanding (MoU) with the Indian Institute of Chemical Technology (IICT), Hyderabad, to promote collaborative research, innovation and academic cooperation.

The MoU was formalised during a visit by a college delegation led by Secretary and Correspondent G. Madhu Kumar to the IICT campus at Tarnaka, Hyderabad. IICT Director D. Srinivas Reddy...

Read More: [The Hindu](#)

EIL, CSIR-IMMT join hands on critical minerals R&D

CSIR-IMMT

24th July, 2026

Public sector Engineers India Limited (EIL) has signed a memorandum of understanding (MoU) with the CSIR Institute of Minerals and Materials Technology (CSIR-IMMT), Bhubaneswar, to strengthen collaboration in mineral processing, extractive metallurgy, and the critical and strategic minerals value chain.

The MoU was signed in the capital by EIL director (technical) Rajiv Agarwal and CSIR-IMMT director Ramanuj Narayan.

Under the agreement, EIL and CSIR-IMMT will jointly identify, evaluate and undertake research and development initiatives in critical and strategic minerals. The collaboration will also facilitate the exchange of technical expertise...

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CSIR-IIIM Jammu Concludes Four-Day Skill Development Programme On Advanced Preclinical Research Techniques

CSIR-IIIM

24th July, 2026

The four-day Skill Development Training Programme on “Laboratory Animal Imaging and Experimental Techniques for Preclinical Research”, organised by CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu under the CSIR-Integrated Skill Initiative, concluded with a valedictory session at the institute.

The programme aimed to provide young researchers, scholars and students with comprehensive knowledge and practical exposure to laboratory animal handling, experimental techniques, ethical practices and advanced imaging technologies used in preclinical research.

The concluding day featured Form-B presentations by trainees, where participants presented their understanding and learning outcomes related to animal experimentation protocols and research methodologies.

During the valedictory session, Dr. Zabeer Ahmed, Director, CSIR-IIIM Jammu, congratulated the participants on successful completion of the training programme and appreciated the efforts of the organising team for conducting the programme effectively...

Read More: [Daily Excelsior](#)

CSIR-CECRI celebrates 79th Foundation Day

CSIR-CECRI

25th July, 2026

CSIR-Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi celebrated its 79th Foundation Day here on Saturday.

J. Mathiyarasu, Scientist-G, CSIR-CECRI, welcoming the dignitaries and the large gathering in his address traced the origin of the institute and appealed to the CECRI fraternity to reaffirm themselves to the vision of the institute in its future endeavours as well.

Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP).

K. Ramesha, Director, CSIR-CECRI, highlighted the path-breaking technological contributions of CSIR-CECRI including Titanium Substrate Insoluble Anode (TSIA), prevention and mitigation of corrosion, energy devices – batteries, supercapacitors, fuel cells, electrolyzers...

Read More: [The Hindu](#)



CSIR-CFTRI shares best practices on Coffee quality and value addition

CSIR-CFTRI

26th July, 2026

CSIR-Central Food Technological Research Institute (CSIR-CFTRI), Mysuru, in association with the 7 Beans Group, Sakleshpur, organised a one-day Awareness and Training Programme on Coffee Quality Evaluation and Value Addition to create awareness among coffee growers, entrepreneurs and stakeholders on improving coffee quality, value addition and market competitiveness.



Giridhar Parvatam, Director, CSIR-CFTRI, in his inaugural remarks, expressed happiness over the programme and appreciated the collaborative efforts of CSIR-CFTRI and the 7 Beans Group in strengthening the coffee sector. He highlighted the growing importance of value addition in agricultural produce, emphasising that coffee quality evaluation and value addition have become crucial in the present-day scenario for enhancing farmers' income, improving product quality and meeting consumer expectations...

Read More: [The Hindu](#)

LOHUM and CSIR-IMMT partner to advance India's rare-earth magnet manufacturing ecosystem

CSIR-IMMT

28th July, 2026

Rare-earth permanent magnets are essential components in electric vehicles, renewable-energy systems, advanced electronics, industrial automation, defence equipment, and several other strategically important applications, yet India remains heavily dependent on imports across this value chain. Establishing domestic capabilities in this space is vital to the country's industrial resilience, technological sovereignty, and long-term economic security.



Against this backdrop, LOHUM, India's largest diversified producer of sustainable critical minerals and advanced materials, and the Council of Scientific and Industrial Research–Institute of Minerals and Materials Technology (CSIR-IMMT) have signed a Memorandum of Understanding to jointly advance indigenous technology capabilities for the production of critical rare-earth materials used in high-performance permanent magnets...

Read More: [Etedge Insights](#)

CSIR-CCMB & NCF study maps India's first hornbill genomes, reveals impact of ancient climate change

CSIR-CCMB

28th July, 2026

Scientists from Hyderabad and Karnataka have unlocked the genetic codes of four Asian hornbill species, revealing that the majestic birds were hit by prehistoric climate shocks, which laid the seeds of their own dwindling numbers long before humans began destroying their habitats.

For the first time in the country, the researchers from Hyderabad's Centre for Cellular and Molecular Biology (CSIR-CCMB) and Nature Conservation Foundation (NCF India), Mysore, have mapped the complete genetic blueprints of four iconic Asian hornbill species, including Great Hornbill, Wreathed Hornbill, Malabar Pied Hornbill, and Rufous-necked Hornbill.

The genomic code of these birds, published in the preprint journal bioRxiv, sheds new light on the birds' struggle to survive. Until now, it was widely assumed that hornbill populations were thriving until humans started hunting...

Read More: [Telangana Today](#)

Deccan Gold, CSIR-CECRI join hands on critical minerals

CSIR-CECRI

28th July, 2026

In a significant step towards strengthening India's strategic minerals and clean energy ecosystem, Deccan Gold Mines Limited, the country's first and only listed gold and critical minerals resource company, has signed a memorandum of understanding (MoU) with the CSIR Central Electrochemical Research Institute (CSIR-CECRI) to jointly develop advanced technologies for critical mineral processing and value addition.

Deccan Gold is a critical partner of India's first private gold mine at Swarnagiri in Kurnool district. The collaboration aims to combine scientific research with mineral exploration and downstream processing, supporting the country's efforts to build self-reliance in critical minerals that are essential for electric vehicles, energy storage systems, advanced manufacturing and clean energy technologies.

Deccan Gold and CSIR-CECRI will jointly undertake research and technology development in several strategic areas, including nickel extraction from nickel-platinum group element (PGE) ores, beneficiation and hydrometallurgical process development, production of nickel-carbon battery materials...

Read More: [Times of India](#)

3-Day Hands-on Training on Gas Chromatography–Mass Spectrometry Begins at CSIR-IIIM

CSIR-IIIM

28th July, 2026

The CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu on Tuesday inaugurated a three-day Skill Development Training Programme on Gas Chromatography-Mass Spectrometry (GC-MS) under the CSIR-Integrated Skill Initiative, aimed at equipping students, research scholars and young professionals with practical expertise in one of the most advanced analytical techniques used in research and industry.



The programme, being held from July 28 to 30, has attracted participants from academic institutions, research organisations and industry across different parts of the country.

Designed as an intensive hands-on training programme, it focuses on enhancing participants' practical knowledge...

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India's college campuses and institutional green spaces are key to saving city wildlife, says new study

CSIR-NEERI

28th July, 2026

In the middle of Nagpur, one of India's fastest-growing cities, a 46-hectare stretch of green haven could provide a clue to conserving biodiversity in cities. This campus, belonging to the CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), could represent a shift in how the world protects nature. In a new study, researchers from CSIR- NEERI, the Academy of Scientific and Innovative Research (AcSIR), and the Wrocław University of Environmental and Life Sciences, Poland, have found that large, institutional campuses with restricted access, like universities and research centers, could be utilized to aid in global efforts to stop species decline. Such spaces, they argue, can function as official conservation zones known as Other Effective Area-Based Conservation Measures, or OECMs.

As urbanization reshapes the planet, traditional protected areas like national parks are no longer enough to stop the loss of wildlife. By 2050, roughly 600 million Indians are expected to live in cities. This massive expansion often fragments habitats, leaving animals and plants with nowhere to go. However, this new research highlights that institutional campuses are inadvertently acting as biodiversity reservoirs. Because these areas have restricted public access...

Read More: [Research Matter](#)

CSIR-Institute of Minerals and Materials Technology launches digital learning hub

CSIR-IMMT

29th July, 2026

The CSIR-Institute of Minerals and Materials Technology (CSIR-IMMT) has inaugurated an Advanced E-Learning Centre under the CSIR Integrated Skill Initiative, marking a step forward in expanding technology-enabled skill development. The facility has been created to make high-quality learning more accessible and strengthen digital education for students and professionals.



The centre will offer a range of online and blended learning programmes, including virtual classrooms and specialised technical courses. By leveraging digital platforms, it aims to provide flexible learning opportunities that help participants develop industry-relevant knowledge and digital platform...

Read More: [Digital Learning](#)

Pune scientist develops wash to remove pesticides from fruits, vegetables

CSIR-NCL

29th July, 2026

An apple a day famously keeps the doctor away. But a scientist from the CSIR-National Chemical Laboratory (NCL) in Pune, Asmita Prabhune, asks, “How clean is the apple, or any other fruit and vegetable that we bite into?”

Fruit and vegetables are among the healthiest foods on our plates. Yet, by the time they travel from farm to fork, they may have picked up a cocktail of pesticide residues, dust, pollution and microorganisms. In June this year, Nepal banned Indian mangoes over pesticide concerns. For the past few years, some European countries have been rejecting Indian agricultural products for similar reasons.

“A quick rinse under the tap or a wash with salt water or vinegar is often assumed to be enough. This assumption is flawed,” says Prabhune. She is known for creating a Make-in-India, natural, alcohol-free sanitizer to combat Covid-19 in 2020, a product that was funded by the Department of Science and Technology (DST)...

Read More: [Indian Express](#)



Ministry of Tribal Affairs Signed MoU with CSIR-NBRI for Conservation of Rare, Endangered, & Threatened (RET) Medicinal Plant Species, and to Safeguard Traditional Knowledge Empowering Tribal Communities

CSIR-NBRI

29th July, 2026

In a major initiative to drive tribal welfare, foster sustainable livelihoods, and preserve traditional knowledge, the Ministry of Tribal Affairs (MoTA), Government of India, has signed a Memorandum of Understanding (MoU) with the CSIR-National Botanical Research Institute (CSIR-NBRI), Lucknow. The primary objective of this three-year partnership is to establish a sustained, synergetic linkage between the two organizations to promote research



and development for the conservation and ethnobotanical assessment of tribal bioresources across India. The MoU was signed by Shri Manish Thakur, Additional Secretary, Ministry of Tribal Affairs, and Dr. Ajit Kumar Shasany, Director, CSIR, in the presence of Smt. Ranjana Chopra, Secretary, Ministry of Tribal Affairs...

Read More: [PIB](#)

CSIR transfers record 249 technologies to industry; licensing creates 148 startups, 7,200 jobs

CSIR

29th July, 2026

Government laboratories commercialised a record 249 technologies in 2025, while technology licensing by the Council of Scientific and Industrial Research (CSIR) helped create 148 startups and generated employment for nearly 7,200 people over the past three years, according to data tabled in Parliament.

A written reply by Union Minister of State (Independent Charge) for Science and Technology Jitendra Singh in the Lok Sabha showed that CSIR commercialised or transferred 249 technologies in 2025, up sharply from 144 in 2024 and 59 in 2023, signalling growing industry uptake of innovations developed in publicly funded research laboratories.

The technology licensing ecosystem also attracted Rs 246.6 lakh in investments during the three-year period, while generating Rs 142.67 lakh in royalty and premia income, the reply said. The momentum was also reflected across other scientific departments. The Department of Biotechnology (DBT) commercialised 12 technologies in 2025, compared with six in 2024, while the Department of Science and Technology (DST) transferred 19 technologies, up from 12 a year earlier...

Read More: [Education Economic Times](#)

Gujarat Scientists Develop Zero-Electricity Smart Wetland System for Urban Wastewater Treatment

CSIR-CSMCRI

29th July, 2026

Scientists at the CSIR-Central Salt and Marine Chemicals Research Institute (CSMCRI) in Bhavnagar, Gujarat, have successfully engineered a groundbreaking "Smart Wetland System" capable of treating municipal and domestic wastewater without consuming a single unit of electricity. The pioneering technology offers a highly efficient, nature-based alternative to the power-hungry conventional sewage treatment plants that continually bankrupt local municipalities.

As rapidly expanding urban centers across the developing world struggle to manage exponentially increasing volumes of sewage, the financial and environmental costs of wastewater treatment have become unsustainable. Utilizing a sophisticated, decentralized matrix of hyper-accumulating plants and naturally occurring microbes, the CSMCRI innovation fundamentally changes the economics of urban sanitation. The technology allows isolated housing societies, institutions, and local wards to process their own effluent on-site, recycling millions of liters for non-potable daily use...

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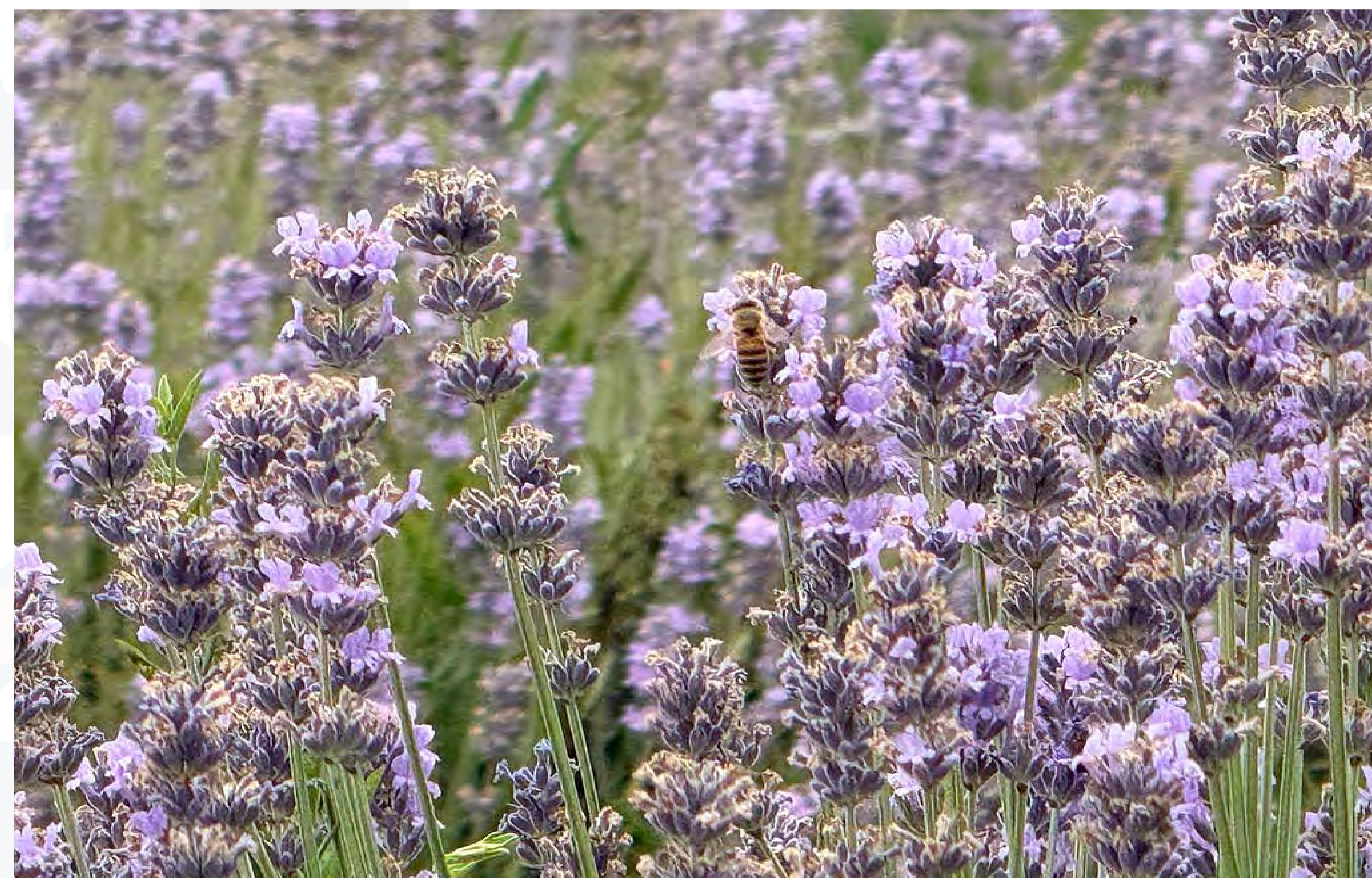
Lavender helps Jammu and Kashmir farmers adapt to a warmer, drier climate

CSIR-IIIM

29th July, 2026

In the July heat, workers move through neat rows of lavender at the Council of Scientific and Industrial Research-Indian Institute of Integrative Medicine's (CSIR-IIIM) field station in Bonera, Pulwama, cutting shoulder-high plants heavy with purple flowers.

Within hours, the flowers are taken to a nearby distillation unit, where steam is used to extract the fragrant oil used in perfumes, cosmetics and medicines.



“This is a living laboratory,” said Shahid Rasool, scientist-in-charge of the Bonera Field Station. The research plots, he said, are where cultivation techniques are tested before they are recommended to farmers across Jammu and Kashmir.

Zabeer Ahmed, director of CSIR-IIIM, said the institute never intended lavender to remain confined to research farms...

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Successful demonstration of CSIR-CRRI's patented 'Two-Pack' pothole repair technology during rains in Bhubaneswar

CSIR-CRRI

30th July, 2026

Under the efforts of Chief Engineer of Bhubaneswar Municipal Corporation (BMC) Shri Prafulla Kumar Rout, CSIR–Central Road Research Institute (CSIR–CRRI), New Delhi has successfully demonstrated patented 'Two-Pack Pothole Repair Technology' by repairing three potholes in Sahid Nagar area of Bhubaneswar during the rainy season.

The exhibition was led by Dr. Shiksha Purva Kar, Scientist 'F' and Alternate Head, Flexible Pavement Department. He was accompanied by Shri Manoj Kumar Shukla, Scientist 'G' and Head, Quality Management Department, and Dr. Vinod Karar, Scientist 'G' and Head, Planning, Monitoring and Evaluation Department. Fortis Chemicals Private Limited collaborated in the exhibition.

Developed after nearly ten years of research, this 'Make in India' solvent-free, environmentally friendly and cost-effective technology has been successfully tested at the laboratory and field levels. It can be used as a ready-made 'one-pack' material or by mixing two components on site, depending on local requirements. This feature makes it very useful in emergency and routine road maintenance work...

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

CSIR-NCL

30th July, 2026

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

Looking at this research paper, we were saying that Nanuka honey in the world is excellent, but Jambhol honey is even better. We have brought this research to the world that Jambhol honey contains abundant antioxidants and glucose and sucrose are less than all types of honey. We would like to express our gratitude to the team of National Chemical Laboratory on behalf of the board. We would like to express our gratitude. Till now, we were only saying that various honeys from the Sahyadri Western Ghats...

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

CSIR-IIIM

31st July, 2026

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

The programme, conducted from July 28 to 30, focused on bridging the gap between classroom learning and industry-oriented practical expertise. Participants received

comprehensive exposure to one of the most advanced analytical techniques widely used in pharmaceuticals, biotechnology, environmental science, food safety, forensic science, natural products research and chemical analysis through expert lectures, laboratory demonstrations and hands-on sessions...

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

CSIR, CSIR-NAL

31st July, 2026

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

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

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

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