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RAKSHA MANTRI INAUGURATES ADVANCED WEAPON SYSTEM COMPLEX AT HYDERABAD





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RAKSHA MANTRI INAUGURATES ADVANCED WEAPON SYSTEM COMPLEX AT HYDERABAD

Hon'ble Raksha Mantri Shri Rajnath Singh inaugurated the Advanced Weapon System Complex at the Defence Research & Development Laboratory (DRDL), Hyderabad, on 12 June 2026. The event marked a significant milestone in India's journey towards technological excellence, strategic autonomy, and self-reliance in defence capabilities. The Raksha Mantri was accompanied by Shri U Raja Babu, Distinguished Scientist & Director General (Missile & Strategic Systems); Dr Ankathi Raju, Distinguished Scientist & Director, DRDL, along with senior officials, scientists, engineers, and staff of the Missile & Strategic Systems (MSS) Cluster.

Following the inauguration, the Raksha Mantri visited a technical exhibition showcasing advanced indigenous missile systems, cutting-edge defence technologies, and future-ready strategic capabilities being developed by DRDO. Addressing the scientific community, he lauded the contributions of the Missile Cluster in strengthening India's national security through the development of world-class missile and weapon systems deployed across land, air, and naval platforms. He highlighted the successful performance of indigenous systems such as Akash, BrahMos, MRSAM and other advanced missile technologies, underscoring their role in enhancing operational

preparedness and deterrence capability.

Shri Rajnath Singh emphasized that the changing character of warfare demands continuous innovation in areas such as integrated air defence, hypersonic systems, artificial intelligence, autonomous platforms, advanced sensors, and electronic warfare. Referring to Programme KUSHA, he described it as a 'Game Changer' that will significantly strengthen India's indigenous multi-layered air-defence capability and contribute to safeguarding critical national assets and infrastructure. He noted that such indigenous systems are central to achieving resilience, deterrence, and strategic independence in an increasingly uncertain global security environment.

The Raksha Mantri further stressed the importance of accelerating the transition from research and development to large-scale production. He

called for closer collaboration among DRDO, the Armed Forces, industry, start-ups, MSMEs, and academia to reduce development timelines, increase indigenous content, and ensure rapid induction of advanced technologies into the service. Reaffirming the Government's commitment to strengthening the defence innovation ecosystem, he expressed confidence that the MSS Cluster will continue to serve as a centre of excellence for innovation and a key enabler in realizing the vision of the Aatmanirbhar Bharat and the Viksit Bharat.

The event concluded with the Raksha Mantri congratulating the scientists, engineers, technicians, and support staff of DRDO for their dedication, professionalism, and unwavering commitment to national security, while encouraging them to continue pushing the boundaries of technological innovation in service of the nation.





IMAT-04 TRIAL FOR GAGANYAAN MISSION

The Aerial Delivery Research & Development Establishment (ADRDE), Agra, and the Vikram Sarabhai Space Center (VSSC), Thiruvananthapuram, signed a Memorandum of Understanding (MoU) for the development of a deceleration system for the recovery of the re-entry crew module for the Gaganyaan mission. As a part of the MoU, a series of tests were conducted.

In this series, the main parachute ($\Phi 25$ m), which is the final decelerator of the Gaganyaan crew module, has been tested by aerial drop on 12 May 2026 at the Sheopur Trial Site of ADRDE from the IL-76 aircraft.



It was a qualification test for the 1st unscrewed mission (G-1) of Gaganyaan. The test was conducted with a single canopy and 5.3-ton payload mass simulating an overload condition of 1.2-1.3 times the inflation load G-1. The payload was dropped from a 2.5 km altitude and stabilized by a 5.8 m diameter ribbon parachute in 26 sec.

After 26 sec, the stabilizer parachute was disconnected, which further pulled out the 25 m diameter main parachute, which inflated in two steps. The parachute experienced 1.26 times the inflation load estimated for the increased mass of the G-1 re-entry module. It was the first time that a single canopy has been subjected to such a high inflation load of 212 kN.

DRDO CONDUCTS SUCCESSFUL FLIGHT-TEST OF LONG RANGE LAND ATTACK CRUISE MISSILE

The Defence Research & Development Organisation (DRDO) conducted a successful flight test of the Long Range Land Attack Cruise Missile (LRLACM) from Dr APJ Abdul Kalam Island off the coast of Odisha on 15 June 2026. All the test objectives were fully met, as per the data captured by various tracking instruments deployed by Integrated Test Range (ITR), Chandipur.

The LRLACM is an indigenously developed missile with all subsystems developed by various DRDO laboratories and Indian industry partners. The Aeronautical Development Establishment (ADE), Bengaluru, is the nodal laboratory. The launch

was witnessed by senior officials from DRDO and user representatives from the Indian Navy and the Indian Air Force.

Hon'ble Raksha Mantri Shri Rajnath Singh congratulated the DRDO team and the industry partners on the successful flight test of LRLACM. Defence Secretary & Secretary, Department of Defence (R&D), and Chairman DRDO Shri Rajesh Kumar Singh monitored all activities during the launch. He congratulated all the team members involved in the successful flight test.





DRDO DEMONSTRATES THE NATION'S NEXT-GEN DEFENCE CAPABILITIES

Defence Research and Development Organisation (DRDO) successfully demonstrated multiple crucial technologies bolstering the nation's defence capabilities against different types of enemy threats. Three consecutive flight tests were conducted during 10-11 June 2026 to demonstrate multi-layered defence against long-range ballistic missiles and anti-ship capability at medium range.

Multi-layered Ballistic Missile Defence (BMD) capability was successfully demonstrated. The interceptors successfully engaged their respective targets. The systems are designed and developed with the latest technologies to address the emerging missile threats.

These tests have put the country in the elite group of nations having the BMD capability to engage up to intercontinental ballistic missiles. The maiden flight test of the Naval Anti-Ship Missile-Medium Range (NASM-MR) was also carried out successfully. The flight tests were witnessed by senior officials of the DRDO and Defence Forces.

Hon'ble Raksha Mantri Shri Rajnath Singh has congratulated DRDO on successfully demonstrating these crucial technologies. Secretary, Department of Defence R&D and Chairman, DRDO, Shri Rajesh Kumar Singh closely monitored the trials and applauded the combined efforts of DRDO and industry.



DRDO AND IAF CONDUCT SUCCESSFUL FLIGHT-TESTS OF RUDRAM-II AIR-TO-SURFACE MISSILE

Defence Research & Development Organisation (DRDO) and the Indian Air Force (IAF) conducted the successful flight tests of the RudraM-II air-to-surface missile from an airborne platform. The tests were conducted under extreme release conditions, with critical trajectory establishing the capability of all subsystems.

The missiles after release were guided to a predefined target with pin-point accuracy. All the test objectives were fully met as confirmed by the



flight data captured by various range instruments deployed by Integrated Test Range (ITR), Chandipur.

Rudram-II has been indigenously developed by

Research Centre Imarat (RCI), Hyderabad, as the nodal DRDO laboratory in collaboration with other sister laboratories such as the Defence Research and Development Laboratory

(DRDL), High Energy Materials Research Laboratory (HEMRL), Armament Research & Development Establishment (ARDE), and ITR. Along with the Development-cum-Production Partners (DCPPs), agencies like Hindustan Aeronautics Limited, the Regional Centre for Military Airworthiness, the Missile System

Quality Assurance Agency, and many other industries have contributed significantly towards achieving this goal.

Hon'ble Raksha Mantri Shri Rajnath Singh lauded the effort of DRDO, IAF, DPSUs, DC PPs, and the industry for the successful flight tests. He stated that the tests have demonstrated the growing

maturity of indigenous defence technologies, contributing significantly to Aatmanirbharta in advanced weapon systems.

The secretary of the Department of Defence R&D and the chairman of DRDO congratulated all the teams associated with the test for the commendable achievement.

ARMY – CFEES MOU ON COLLABORATIVE AUGMENTATION OF FIRE FIGHTING TRAINING CAPABILITIES

A historic milestone was achieved on 14 May 2026 towards integrated synergy amongst HQ South Western Command, MCOMM (ARTRAC), and the Centre for Fire, Explosive & Environment Safety (CFEES), Delhi, by signing a Memorandum of Understanding (MoU) for capability building and upgrading the firefighting training with professional support from CFEES.

The MoU was signed at HQ SWC (Jaipur), where the delegation of O/o DG (ACE), including Prof. (Dr) Prateek Kishore, DS & DG (ACE); and Shri Arvind Kumar, OS & Director, CFEES, visited on 14 May 2026.



The O/o DG (ACE) delegation held a discussion with the Army Commander and other dignitaries of HQ SWC regarding the future roadmap for fire fighting, explosive training, and infrastructure

development.

The interaction marked a firm and significant step by CFEES towards aligning with the aspirations and requirements of the users.

LATOT AGREEMENT ON HPBD TECHNOLOGY

In a significant step toward advancing sustainable technologies for human waste treatment, the Defence Research and Development Establishment (DRDE), Gwalior, has developed the High Performance Biodigester (HPBD), which is the first indigenous technology comprising

anaerobic, aerobic, and tertiary treatment strategies. This technology has been transferred to M/s Daiki Axis Environment Pvt. Ltd., Faridabad, which is a wholly owned subsidiary of the Japanese company M/s Daiki Japan. The technology transfer document was handed over to the industry

representative in Delhi on 25 March 2026 by Dr Manmohan Parida, OS & Director DRDE, in the gracious presence of Dr UK Singh, DS & DG (SSS). Furthermore, to formally receive the Licensing Agreement for Transfer of Technology (LATOT) and to have first-hand understanding



of the technical know-how of HPBD, Mr Rio Waza, MD & CEO of Daiki Axis Environment Pvt. Ltd., accompanied by other senior company representatives, namely Shri KC Pandey and Shri Kamal Tiwari, visited DRDE during 6-7 April 2026. A detailed presentation on HPBD was made by Dr AK Goel, Sc 'G' & Head, BPT Division, DRDE Gwalior. Further, the first kick-start meeting on technology handholding was held between the industry representatives and the HPBD technical team of DRDE, comprising of Dr Goel, Dr Vijai Pal, Dr MK Meghvansi, and Dr NK Tripathi, marking the beginning of structured implementation and capacity-building efforts. On 7 April 2026, Dr Manmohan Parida, OS & Director DRDE, handed over a copy of the LAToT document to Mr Waza. The agreement represents a strategic collaboration aimed at translating



proven research innovations into scalable, real-world solutions for human waste treatment. The transferred technology is expected to address critical challenges in areas such as human waste management and sustainable process optimization. The system is expected to contribute towards decentralized sanitation, reduction

of environmental pollution, improved public hygiene, water reuse, and sustainable waste-to-resource management, thereby supporting national initiatives related to the Swachh Bharat Mission, circular economy, and sustainable development.

HANDING OVER

HANDING OVER OF PARACHUTE SYSTEM FOR ESPTS

As a significant milestone under Project SCATS, Naval

Physical & Oceanographic Laboratory (NPOL), Kochi,

successfully received the parachute system for the





Expendable Self-Propelled Target Simulator (ESPTS), along with the associated technical documentation, from Aerial Delivery Research & Development Establishment (ADRDE), Agra, on 4 May 2026. The parachute system has been indigenously developed by

ADRDE under a sub-project of SCATS to meet the operational requirements of NPOL. The system and related documents were formally handed over by the Director, ADRDE, to the Director, NPOL, during his visit to NPOL, in the presence of project team members and senior officials

from both laboratories. This marks a significant milestone in the progress of project SCATS and is a testimony to the continuing effective collaboration between NPOL, Kochi, and ADRDE, Agra, in addressing critical project requirements through indigenous development efforts.

INAUGURATION OF ADVANCED MATERIALS COMPLEX AT DMSRDE

Dr Samir V Kamat, Secretary, DD R&D, and Chairman, DRDO, inaugurated the Advanced Materials Complex (AMC) in virtual mode through the internet at the Defence Materials and Stores Research & Development Establishment (DMSRDE), Kanpur, on 24 May 2026. To grace the occasion, Dr RV Hara Prasad, DS & DG (NS&M); Dr Kingsuk Mukhopadhyay, OS & Director, DMSRDE, Kanpur; Dr Bishwajeet Choubey, OS & Director, DCW&E; Shri SK Panigrahi, Director (PM) in O/o DG (NS&M); Shri Sushant Singh, CCE (R&D) Central; and Shri D Ravi Raja, Director (SQR) in O/o DG (NS&M) were present. Dr Mayank Dwivedi, OS & DG (HR), and Dr. Ravindra Kumar, OS & DG (R&M), attended the inauguration through VC. The program started by garlanding the Dr. APJ Abdul Kalam statue at the DMSRDE main gate, followed by tree plantation in front of AMC by DG (NS&M), Director DCW&E, and Director DMSRDE. Director DMSRDE, in his welcome address, said that this is a red-letter day for DMSRDE



and the construction of the complex started on the auspicious day of Makar Sankranti, i.e., 14th January 2025. He also said that the year 2026 is a golden jubilee year of DMSRDE, and DMSRDE will be celebrating its golden jubilee in the new technical complex. DG (NS&M) in his address stated that DMSRDE is an important lab for materials development, and this new complex will help DMSRDE to develop many first-of-their-kind materials in the fields of polymers, fluids, camouflage, stealth, personal protection

systems, etc. Chairman DRDO, in his address, said that this new building has been required by DMSRDE for a long time and to meet the aspirations of the nation. DMSRDE should work hard in the field of materials technology. DMSRDE should develop critical futuristic technologies for the nation. He congratulated the DCW&E team for completing the complex well before PDC of October 2026. The program ended with the vote of thanks delivered by Dr JN Srivastava, Associate Director-I.

DEAL DIAMOND JUBILEE SPECIAL COVER AND CANCELLATION

A special cover and cancellation was released by DS & DG (ECS) Dr BK Das to commemorate the Diamond Jubilee of Defence Electronics Applications Laboratory (DEAL), Dehradun via video conference from his office at Bengaluru in the presence of Ms Shashi Shalini Kujur, Chief Post Master General, Uttarakhand Circle, Shri Manoj Kumar Dhaka, OS & Director DEAL, ECS Cluster Directors and senior officers from DEAL and Indian Postal Department on 25 May 2026. The special cover depicts the major systems developed by DEAL for the tri-forces while the special cancellation showcases its ability to connect land, air, sea, and space.



With the release of special cover and cancellation under the aegis of India Post, the name of DEAL is etched forever in the annals of national history. In his address as the Chief Guest DS & DG (ECS), Dr Das lauded the contribution

of DEAL in the past six decades in the field of surveillance and communication. He motivated everyone towards re-dedicating oneself and committing with extra zeal and enthusiasm in meeting the aspiration of tri-forces.

CELEBRATION OF NATIONAL TECHNOLOGY DAY 2026

CABS, Bengaluru

Shri Bhupendra Kumar, Sc 'F', Centre for Airborne Systems (CABS), Bengaluru, delivered a talk on "Airborne Early Warning Radars employ large Active Electronically Scanned Arrays (AESA)" on the occasion of National Technology Day 2026 (NTD 2026), celebrated on 11 May 2026. He explained the adopted "in-situ calibration" methodology realized through the inclusion of a directional coupler in the transmit-receive module along with the normal path of operation and presented the case study of operational airborne AESA to demonstrate the efficacy of the

technique, which in turn makes AESA more reliable and justifies its nature of "graceful degradation."

The talk was attended by the entire scientific fraternity at CABS. At the culmination of the event, Dr MR Shankar, Sc 'G' & Officiating Director, presented the medal



and certificate to Shri Bhupendra Kumar.

CAIR, Bengaluru

The Centre for Artificial Intelligence and Robotics (CAIR), Bengaluru, celebrated NTD 2026 on 11 May 2026. Shri Dinakara K, Sc 'F' conveyed the historical significance of the event and reflected on the importance of the theme for this year's NTD, i.e., "Responsible Innovation for Inclusive Growth."

Dr Rituraj Kumar, OS & Director, CAIR, presided over the event and addressed the gathering, emphasizing the role of technology in the progress of



the nation and particularly how CAIR has harnessed technology as an enabler for building complex systems and software for our defence forces.

Dr Nithin Nagaraj, Prof. & Head, Complex Systems Programme, NIAS, Bengaluru, was invited as the Chief Guest on the occasion for delivering the keynote speech on the topic of "ABC: AI-Brain-consciousness, an Unsolved Puzzle of the 21st Century." Lt. Gen (Retd.) PJS Pannu, AVSM, VSM, delivered an invited talk on "Tech-Human Conflict Delta." Smt VP Persia, Sc 'G', the recipient of this year's Technology Day Medal, delivered the Technology Day Oration on "Challenges in Over-the-Air Key Distribution". Director, CAIR presented the medal and certificate to the orator. Dr Subrata Rakshit, former Director & DG (TM), also graced the occasion.



CFEES, Delhi

The NTD2026 was celebrated at the Centre for Fire, Explosive, and Environment Safety (Delhi) on 11 May 2026. The program commenced with an inspiring

message from Director, CFEES.

He highlighted the pivotal role played by CFEES in the areas of fire safety, explosive safety, and environmental engineering for defence applications. He encouraged scientists and young researchers to continue pursuing innovation-driven solutions for national security and self-reliance under the vision of Atmanirbhar Bharat.

The NTD 2026 oration was delivered by Mr Hemant Kumar, Sc 'F', on "Automatic Fire Protection System for Aircraft." In his insightful presentation, he elaborated on the latest advancements in aircraft fire safety technologies and the importance of rapid-response protection systems in enhancing operational safety and survivability. The oration provided valuable technical perspectives on automated detection, suppression mechanisms, and future challenges in aerospace fire protection systems.

The event also featured an engaging guest lecture by Mr Lalitendu Samantha, Director – HR & Strategy from the industry partner. His lecture on



"Transforming CFEES Operations through INDIGIS" focused on the role of digital transformation, strategic planning, and integrated management systems in improving organizational efficiency and operational excellence.

DEBEL, Bengaluru

The NTD 2026 was celebrated at the Defence Bio-engineering and Electromedical Laboratory (DEBEL), Bengaluru, on 11 May 2026. As part of the celebration, Dr Pradipta Biswas, Associate Professor, IISc Bangalore, Chief Guest of the event, delivered a lecture on 'Eye Tracking in Military Aviation.' The event was followed by an NTD oration by Shri Arun Kumar, Sc 'F' on 'Design and Development of Indigenous Underwater Breathing Technology Systems for a Combat Strategic Military Platform.' He highlighted the current progress and future trends of the submarine escape set. The event was concluded after the presentation of the NTD Medal and Certificate by the Director, DEBEL.





DGRE, Chandigarh

The NTD 2026 was celebrated at the Defence Geoinformatics Research Establishment (DGRE), Chandigarh, on 11 May 2026, with the theme 'Responsible Innovation for Inclusive Growth.' The event was attended by distinguished guests and scientists.

The Chief Guest, Prof. Rajesh Kumar Bhatia, Director Punjab Engineering College (PEC), Chandigarh, delivered an insightful address highlighting the critical need for strengthened collaboration between academia and R&D institutions. He elaborated on ongoing R&D initiatives at PEC, particularly in the domain of mountainous geo-hazard activities, and underscored their relevance for sustainable development and risk mitigation.

On the occasion Dr PK Satyawali, OS & Director DGRE, addressed the gathering and outlined the significant role played by the DRDO in commemorating National Technology Day. He emphasized the importance of advancing capabilities in data analytics, artificial intelligence, and automation to develop robust models and technologies for geo-hazard prediction and early warning systems.

Dr Prem Datt, Sc 'F' delivered a technical presentation on the 'Development of Multi-Sensor Integrated Advanced Detection and Monitoring Networking' along the Sonamarg-Zozila (S-Z) and Chowkibal-Tangdhar (C-T) axes of J&K. In recognition of his talk, Dr Datt was awarded a medal

and a certificate for delivering the National Technology Day oration.



DIBT, Mysuru

The Defence Institute of Bio-Defence Technologies (DIBT), Mysuru, celebrated NTD 2026 on 11 May 2026. On the occasion, Dr Johnsy George, Sc 'F,' delivered an oration on "Development and Evaluation of Compostable Polymer-Based Materials for Advanced Food Packaging Applications." He elaborated on the growing concern of plastic waste accumulation on land and in oceans and emphasized the role of compostable as well as biodegradable polymers such as polylactic acid (PLA), polybutylene adipate terephthalate (PBAT), and polybutylene succinate (PBS) as sustainable alternatives. The



lecture also showcased promising biopolymer-based products developed by DIBT for food packaging applications.

On the occasion, Dr R Kumar, Sc 'G' & Centre Head, presented the medal and certificate to Dr Johnsy George.

DIHAR, Leh

Defence Institute of High Altitude Research (DIHAR), Leh, celebrated NTD 2026 11 May 2026. The event was chaired by Dr OP Chaurasia, Sc 'G' & Centre Head, DIHAR. As part of the event, the annual oration was delivered by Dr Mahesh M Jadhav, Sc 'B', on "Advancement in Harnessing Passive Geothermal Energy for Multipurpose Applications in High Altitude Regions," after which he was felicitated with a commendation certificate and medal. Speaking on the occasion, Dr Chaurasia talked about the fast-changing technology environment and said that adopting new technologies is important for the country's development. He also spoke about the role of young scientists in supporting national growth and defence research.



DIPAS, Delhi

The Defence Institute of Physiology & Allied Sciences



(DIPAS), Delhi, celebrated NTD 2026 on 11 May 2026 with great enthusiasm under the leadership of Director Shri Devakanta Pahad Singh, scientists, staff, and students from DIPAS and DIBER cell. Dr Chandra Shekhar Pant, Sc 'F', delivered the NTD 2026 oration on "Plasma Gasification for Sustainable Waste Management." During his oration, he explained that plasma gasification is a safe and eco-friendly technology for the disposal of all types of wastes. The process significantly reduces the generation of persistent organic pollutants and toxic compounds. Thereby addressing critical challenges associated with the disposal of unsegregated and non-recyclable waste. Dr M Prasanna Kumar Reddy, Sc 'G,' presented a medal and commendation certificate to Dr Pant.



DMSRDE, Kanpur

The Defence Materials and Stores Research & Development Establishment (DMSRDE), Kanpur, celebrated NTD 2026 on 11 May 2026. To mark the special occasion, Shri Rajeev

Sharma, Director (Operations), Troop Comforts Limited (TCL), HQ, Kanpur, was invited as the Chief Guest. Dr JN Srivastava, Officiating Director DMSRDE, in his welcome address spoke about the importance of Technology Day and the contribution of DRDO in nation building and Operation Sindoor. The Chief Guest spoke about products developed by TCL and urged DMSRDE to take up the indigenization of products required by our Armed Forces, namely portable ballistic bunkers, exoskeletons, modular shelter systems, fuel-free heating systems, and advanced CBRN systems. Dr AS Parihar, Sc 'F', DMSRDE, delivered the NTD oration on 'Armour Grade Ceramic Technologies for Defence Application.' The Chief Guest presented the NTD medal and certificate to Dr Parihar. The event concluded with a vote of thanks by Mrs Richa Verma, Sc 'D'.



MTRDC, Bengaluru

The NTD 2026 was celebrated at the Microwave Tube Research & Development Centre (MTRDC), Bengaluru, on 11 May 2026. The NTD oration was delivered by Smt Arut Pavai SK, Technical

Officer 'D' on "Innovation Driven Development of a High Efficiency X-Band Pulsed Helix TWT for Advanced Radar Platforms." She was felicitated by Dr SK Datta, Centre Head, MTRDC, with the medal and the Oration Certificate.



NMRL, Ambernath

The NTD 2026 was celebrated on 11 May 2026 at Naval Materials Research Laboratory (NMRL), Ambernath. Shri Upendra W Taywade, Sc 'F' delivered the oration on "Virtual to Physical: CFD-Powered Digital Twins for Engineering Challenges." Dr Suman Roy Choudhury, OS & Director, NMRL, presented a citation to Shri Taywade. Dr Suman Roy Choudhury motivated NMRL employees to undertake challenging innovative research with systematic planning and rigorous execution to ensure timely completion of DRDO projects and delivery to end users.





NPOL, Kochi

The Naval Physical and Oceanographic Laboratory (NPOL), Kochi, celebrated the NTD 2026 on 11 May 2026. Dr Duvvuri Seshagiri, OS & Director, NPOL, inaugurated the program and addressed the gathering. The NTD oration was delivered by Dr Manoj G. Sc. 'E' on "MAC Sonobuoys: A Distributed Multi Node Force Multiplier." Dr Manoj highlighted the evolution



of modern sonobuoy systems and explained how distributed multimode architectures can significantly enhance underwater surveillance, situational awareness, and operational effectiveness. The oration provided valuable insights into next-generation maritime technologies and their role in strengthening naval capabilities, drawing keen interest from scientists, engineers, and researchers attending the event.

55TH NATIONAL SAFETY MONTH CELEBRATED AT DRL

The Defence Research Laboratory (DRL), Tezpur, celebrated the 55th National Safety Month during 4-31 March 2026, with the theme "Engage, Educate, and Empower people to Enhance Safety." The month-long program featured taking a safety pledge and other events such as essay, slogan, poster, and quiz competitions. Experts from the State Fire and Emergency Service Station, Tezpur (F&ESS), delivered a lecture on fire safety. All the employees took part in an emergency drill and safety training, conducted by experts from the F&ESS, Tezpur, who demonstrated fire prevention, emergency response, and correct



use of fire extinguishers.

The closing ceremony recognized winners of the competitions with trophies and certificates. Dr Rajesh Kumar

Garg, Sc 'G' & Centre Head, addressed the DRL fraternity by inspiring everyone to prioritize workplace safety and uphold DRL safety policies at all times.

NATIONAL SAFETY DAY/MONTH OBSERVANCE AT NMRL

The Naval Materials Research Laboratory (NMRL), Ambarnath, observed the 55th National Safety Day Month during March 2026 with a month-long campaign themed "Engage, Educate &

Empower People to Enhance Safety," aimed at strengthening a proactive safety culture. The program began with a fire mock drill conducted with the MIDC Fire Crew, where employees

demonstrated effective evacuation, use of fire extinguishers using the P.A.S.S. technique, and operation of hydrant and water monitor systems. An awareness lecture on accident prevention



was delivered by Shri Badal Roy, former Executive Director, ONGC, and former Chief Safety Advisor, DGH, highlighting modern safety practices. The campaign concluded with the National Safety and Health Pledge led by Dr D Ratna, Sc 'G' & Officiating Director, NMRL, with active employee participation reaffirming commitment to workplace safety.



INTERNATIONAL WOMEN'S DAY CELEBRATION

CABS, Bengaluru

Every year, the Centre for Airborne Systems (CABS), Bengaluru, joyfully celebrates International Women's Day (IWD), and this year the event was held on 27 March 2026 with the theme "Give to Gain." A special self-defence session for women was conducted by national Taekwondo practitioners, coaches, and consultants Ms Neha and Mr Ankur. The session empowered the women of CABS



with greater confidence and self-reliance regarding personal safety. Ms P Santhya, OS & Director CABS, addressed the gathering and participated enthusiastically in various cultural activities and

indoor games, along with all the women employees, making the event both memorable and enriching.

As part of tradition at CABS, contributions were made towards supporting the needs of the Government Lower Primary School, Kempapura, Bengaluru, with a total collection of ₹50,271. The school children were also invited for an educational field visit to CABS, where they toured

the aircraft hangar and the Virtual Reality Lab facilities.

DRL, Tezpur

The International Women's Day celebration held on 9 March,

2026, at the Defence Research Laboratory (DRL), Tezpur, was an insightful and meaningful event that provided a balanced perspective on the experiences of modern women. The program featured engaging speeches by the Centre Head, DRL, and the Chief Guest, Dr Madhurima Goswami, Associate Prof. & Head of the Chandraprabha Saikiani Centre for Women's Studies, Tezpur University. The Centre Head's address on "Professional-Domestic Synergy" was particularly relatable and resonated well with the audience. The speech bridged the gap between personal and professional responsibilities, emphasizing the importance of shared responsibility in ensuring equal opportunities and respect for women in the workplace. Dr Goswami's talk offered a broader and thought-provoking perspective by situating women's experiences within the larger social and political landscape of India. Her discussion on national initiatives such as "Beti Bachao, Beti Padhao" and her

interpretation of feminism in the Indian context provided valuable insights. She also shed light on regional women leaders who played significant roles in societal upliftment and the independence movement. A key highlight of the session was her focus on legal awareness, especially regarding domestic laws and protection against sexual harassment.

ITR, Chandipur

The International Women's Day (IWD) 2026 was celebrated at the Integrated Test Range (ITR), Chandipur, on 15 May 2026. Shri K. Suchendar, Sc 'H', Director ITR, inaugurated the event. Padmashree Dr Damayanti Beshra, eminent Santali poet



and former Principal Maharaja Purna Chandra College, Baripada, Mayurbhanj, Odisha was the Chief Guest on the occasion. Director ITR, in his address, emphasised on the empowerment of women in our society. Dr Shrabani Ghosh, AD, briefed about the women's activities in ITR. The Chief

Guest highlighted the power and progress of women at work. A video depicting the excellence of women's power was also displayed. All officers and staff, including all women employees, attended the program. Dr Mrinal Goswami, Sc 'G', and his team conducted the program.



BOOK EXHIBITION IN DEBEL

On the occasion of World Book and Copyright Day, the Defence Bioengineering & Electromedical Laboratory (DEBEL), Bengaluru organised a 4-day book exhibition during 21-24 April, 2026. Dr R Indu Shekar, Director, DEBEL, inaugurated the event. Around 3100 books covering various technical domains and general topics were displayed. Books on aerospace & aviation medicine, biomedical engineering, nanotechnology with biomedical



applications, mechatronics, textiles, composites & smart materials, biosensors, MEMS, embedded electronics, biomedical signal processing, underwater

technology, CBRN, AI, etc. were displayed. The exhibition received an overwhelming response from DEBEL employees and from other nearby DRDO laboratories.

TRAINING ON PACKING, INTEGRATION & MAINTENANCE OF PARACHUTE SYSTEM FOR ADC -150

The Aerial Delivery Research and Development Establishment (ADRDE), Agra, has developed a Parachute System for Air Droppable Container (ADC)-150 as per the PSQR provided by the Indian Navy. ADC-150 is used for delivering critical stores to ships and submarines located at deep sea. The total mass of the container is 270 kg, in which the useful payload of 150 kg can be delivered at the required location at sea. This container is intended to drop from naval aircraft. A parachute system is used to decelerate the velocity of the ADC container after it is released from the aircraft to the desired speed at water touchdown so that the impact load does not exceed its designed limit. The parachute system had been qualified in various qualification



trials and repetitively successfully performed during actual flight operation conditions by the Indian Navy from the P8I aircraft.

A training program on parachute packing and maintenance was conducted by ADRDE in two batches, i.e., 20-23 April 2026 and 27-29 April 2026, for trained navy personnel (16 nos. from INS Hansa and INS Rajali) to enable them to be self-reliant

in parachute packing assembly and integration. During training sessions, the user's rep gained hands-on exposure to parachute packing, assembly & maintenance procedures. Moreover, the parachute training kit consists of a packing manual, a packing and integration kit, packing photographs, and packing & integration videos, which are also provided to all the participants.

SAMRAKSHAK: COUNTER DRONE SYSTEMS EXPO 2026 AT DLRL

A Counter Drone System Expo-2026, SAMRAKSHAK, was organized on 22 April 2026 at Defence Electronics Research Laboratory (DLRL), Hyderabad along with sister laboratories, viz. LRDE Bengaluru; IRDE, Dehradun; CHES, Hyderabad; MTRDC, Bengaluru; NPOL, Kochi; and DYSL-AT, Hyderabad. The expo was inaugurated by the Chief Guest, Dr Samir V Kamat, Secretary DDR&D & Chairman, DRDO and Dr BK Das, DS & DG as the Guest of Honor. The event was

graced by DG (NS&M), DG (TM), Directors of cluster laboratories, SA to CISC, Directors of sister laboratories, senior officers from Army, Navy, Air Force, and MHA, Financial Advisors, Directors of Corporate HQrs, industry partners, and production agencies.

All User agencies were invited for the expo involving all stakeholders including respective industry partners and production agencies. The event commenced with a brief video on the expo highlighting the various aspects

of drone-warfare and various technologies and counter-drone systems developed by DRDO laboratories. A welcome address was delivered by the Convener, Shri R Yadagiri, Sc 'G'. Shri K Murali, OS & Director DLRL, in his address briefly traced the history of development of various counter drone technologies and the likely development of future technologies. Dr Das in his address highlighted the advancements made by DRDO in the development of various technologies in counter-

drone systems and laid out the path for future development. He emphasized on collaborative approach among Users, design agencies and industry partners, so that the country is not only self-reliant but also exporter of these technologies. He called upon active participation by all agencies in the expo. Maj. Gen. Shubhasis Das, VSM & ADG Tac C, highlighted the operational aspects of the deployment of counter drone systems and the operational scenarios of Drone Warfare in various conflicts. Dr Kamat in his address opined that such expos and interactions are the need of the hour to enable fast response to the rapidly evolving

nature of modern battle field. He emphasized on collaborative approach between Designers, Users and Industry Partners to develop appropriate solutions to meet the Security challenges faced by the country and not depend on import solutions tailored to meet the requirements by the foreign countries.

The event witnessed the live demonstration of a wide range of advanced counter-drone systems from multiple DRDO Labs. Notable among these were the Handheld and Portable Radio Frequency Counter Drone Systems (RFCDS) and Anti-UAV Systems developed by DLRL, Hyderabad. LRDE, Bengaluru

showcased comprehensive DRDO counter-drone systems integrating Radar, Electro-Optical/ Infra-Red (EO/IR), Radio Frequency (RF), and Laser-based technologies. In addition, passive two-dimensional Direction Finding (2D DF) systems with three-dimensional location fixing capabilities, developed by DLRL, Hyderabad, were demonstrated in integration with a 30 kW Directed Energy Weapon (DEW) from CHES, Hyderabad. Other prominent systems on display included High Power Microwave systems from MTRDC, Bengaluru, and Acoustic Sensors from NPOL, Kochi and Weaponized Drones from DYSL-AT, Hyderabad.



COURSE ON SENSORS AND INSTRUMENTATION FOR AEROSPACE AND DEFENCE APPLICATIONS AT CAS

A course on “Sensors and Instrumentation for Aerospace and Defence Applications” was successfully conducted at the Centre for Advanced Systems (CAS), Hyderabad, during 6-8 May 2026, under the guidance of Dr Siva Subramaniam N, DS & Director, CAS, and Mr Venugopal R Sc ‘H’, Associate Director CAS. The course focused on the importance of sensors and instrumentation in modern engineering systems, particularly in areas where accuracy, reliability, safety, and real-time monitoring are critical. In aerospace and defence applications, sensors play a vital role in navigation, surveillance, structural health monitoring, control systems, testing, measurement, and mission-critical operations. The program helped participants understand how sensor-based systems are



applied in real-world scenarios. The visit to test facilities like the hypersonic test facility, 400-ton test bed, and EETF test facility helped the participants gain practical knowledge and hands-on exposure to real-world systems. It gave them a better understanding of how the concepts discussed during the course are applied in actual testing, measurement, and instrumentation activities.

A total of 42 no's, scientists, and industrialists participated in the course. The course provided

from various laboratories, industry professionals, and technical staff to interact with experts and gain insight into the latest developments and applications in aerospace and defence sectors.

Shri Ashish Kumar Gupta Sc ‘G’ was the Course Director and Shri Arvind Kushwaha Sc ‘E’ was the Deputy Course Director. Shri Praveen Tandon, Sc ‘G’ provided valuable guidance and support as the Group Director, helping the team in successfully conducting the course.

SENSITIZATION LECTURE ON CYBER SECURITY AND IT BEST PRACTICES FOR CLASSIFIED INFORMATION

A sensitization program was conducted on the topic “Cyber Security and IT Best Practices for Classified Information” at the Centre for Fire, Explosive, and Environment Safety (CFEES), Delhi, on 7 May 2026. Ms Sapna Kharwar, Sc ‘C’ delivered the talk, and it was attended by officers and staff of CFEES. The officers and staff of the laboratory were sensitized to various aspects of information security, including classified information and its



categories, proper handling procedures, cybersecurity threats and preventive measures, as well as IT best practices. The session

aimed to equip employees with the knowledge required to safeguard official classified information and carry out their duties securely.



2ND MSME MEET AT DTTC, DMSRDE, LUCKNOW

The Defence Technology and Test Centre (DTTC), DMSRDE, Lucknow, conducted the 2nd MSME Meet on 23 May 2026 with a theme of "Capacity Building of MSMEs for Development of UP Defence Industrial Corridor." In this MSME meet, more than 80 participants from various MSMEs and start-ups participated. A dedicated session for start-ups emphasizing their support required from DRDO was also arranged.

In his inaugural address, the Chief Guest Dr RV Hara Prasad, DS & Director General (NS & M), highlighted DRDO's commitment to empower regional MSMEs and opportunities provided by DRDO to MSMEs towards the pursuit of Defence R&D. He mentioned that DTTC facilities established at Amausi and Nadarganj campuses may be extensively used in their developmental endeavor. He further emphasized the importance of dual-use technologies like drones in the asymmetric war scenario.



Shri Abhishek Saraf, Chairman, CII (UP State), emphasized the industry's readiness to absorb and scale indigenous Defence technologies. Dr Kingsuk Mukhopadhyay, OS & Director, DMSRDE, highlighted the critical materials and manufacturing capabilities emerging in the region. Dr Ashish Dubey, Project Director, DTTC, informed about the center's contributions and services discharged to various MSMEs and start-ups along with its various industry-specific support available technical infrastructure and expertise.

The Transfer of Technology

(ToT) function was chaired by DG (NS&M), DRDO, where 10 nos. of critical manufacturing technologies developed by DMSRDE were officially handed over to industry partners to kick-start local production. Faculties from sister DRDO laboratories [R&DE(E), CAIR, ADE & DMRL] and DRDO HQs [DIIQM & DTDF] delivered talks in respective sessions. Representatives from start-ups (M/s Reflex Drives, M/s RF Nanocomposites, M/s Yuukti Edutainment, and M/s THz Innovations) also delivered talks highlighting their respective technical capabilities.

HEMCE-2026 CONFERENCE AT DRDL

The 15th International High Energy Materials Conference and Exhibits (HEMCE-2026) was organized by the Defence Research & Development Laboratory (DRDL) and Advanced Systems Laboratory (ASL) Hyderabad, in association with the High Energy Materials Society of India (HEMSI), Hyderabad Chapter, from 29 April 2026 to 1 May 2026.

The Chief Guest for the inaugural ceremony was Dr Avinash Chander, Former SA to RM and Secretary, DD (R&D), with Guest of Honour Shri U Raja Babu, DS & DG (MSS). The awards ceremony was felicitated by Dr Samir V Kamat, Secretary, DD (R&D) & Chairman DRDO. Shri P Venugopalan, former Director, DRDL, and Dr BS Subhash Chandran, former

Associate Director, DRDL, were felicitated with Propulsion Ratna awards, besides other awards, during the awards ceremony. Prof. Thomas Klapotke from Ludwig-Maximilian University, Munich, Germany; Prof. Svatopluk Zeman from University of Pardubice, Czechia; and Prof. Alexander Vorozhtsov from Tomsk State University, Russia, were among the



dignitaries. There were 7 technical sessions, and each technical session had three parallel sessions covering various focus areas of high-energy materials, including ramjet, scramjet propulsion, solid, liquid, and hybrid propulsion, synthesis and characterization of high-energy materials, explosives,

etc. Two hundred and forty-four (244) technical papers were accepted, of which 105 were oral presentations and the others were posters.

More than 55 stalls were opened wherein our industrial partners showcased their products. More than 1050 delegates from various

laboratories like DRDL, ASL, RCI, HEMRL, ARDE, ACEM, TBRL, PXE, and DLRL were among the DRDO laboratories, and VSSC, IPRC, and SDSC were among the ISRO laboratories besides various academic institutions, including IITs, NITs, private educational institutes, and industry partners.



WORKSHOP ON RECENT TRENDS IN RELIABILITY AT MTRDC

The Microwave Tube Research & Development Centre (MTRDC), Bengaluru, organised a one-day workshop on 'Recent Trends in Reliability' on 25 May 2026. There were two sessions on presentations and discussions on key topics covering reliability prediction, failure analysis, FMEA/FMECA, reliability assessment tools, system life estimations, MIL standards, and a few case studies. Mr Madhu Sudhana, reliability and safety professional from Trident Technolabs; Mr Viswanath Yakkala; and



Mr Madhu Kiram Kooor, senior staff members from Synopsis India (3D Engineering), were the eminent speakers of the event. Almost 30 participants, including participants from ECS cluster

sister laboratories, participated in the event both in person and also through online mode. Director SQR participated in the event and motivated the attendees through his active involvement.

COURSE ON CONTEMPORARY INFRARED IMAGING TECHNOLOGY AT SSPL

The Solid State Physics Laboratory (SSPL), Delhi, organized a five-day course on “Contemporary Infrared Imaging Technology” during 11-15 May 2026. The program witnessed participation from 50 scientists, engineers, and professionals, including 26 participants from outside SSPL representing various DRDO laboratories, academia, and industries. The inaugural session was graced by Ms Sheena Rani R, DS & DG (MEDCoS & CS). She highlighted the increasing importance of indigenous high-end sensor and imaging technologies in strengthening self-reliance and enhancing the operational capabilities of future defence systems. During the inaugural session,

Dr Anesh Kumar Sharma, Sc 'H' & Director, SSPL, emphasized the growing importance of infrared technologies as critical enablers for next-generation defence, surveillance, and strategic systems and stressed the need for strengthening indigenous capabilities in advanced detector and thermal imaging technologies. The event was inaugurated with a keynote address by Dr Shivpal Singh, Sc 'H' & PD, ATGMs DRDL, who highlighted the strategic significance of infrared imaging technologies in modern defence and aerospace applications.

The course featured expert lectures and technical sessions on thermal imagers, Type-II superlattices and fabrication,

MCT MWIR focal plane arrays, infrared optics, thermal signature measurements, MCT epilayers, ROICs, detector testing, low-dimensional solids for IR detectors, intelligent focal plane arrays, detector dewar cooler assemblies, JT and Stirling coolers, LWIR microbolometers, and contemporary thermal imaging products from an industry perspective. Sessions on organizational behavior and stress management, laboratory visits, product demonstrations, and a technical quiz were also organized. Experts from DRDO laboratories and industries delivered lectures during the program. The Course Director was Dr Ravinder Pal, Sc 'H'.





TRAINING ON IRON REMOVAL UNIT AND WTK FOR INDIAN ARMY IN TAWANG SECTOR, ARUNACHAL PRADESH

The Defence Research Laboratory (DRL), Tezpur, continues to extend vital support to the Indian Army in the North-Eastern region by enhancing water quality assessment and amelioration capabilities. As part of this initiative, DRL conducted comprehensive training and awareness programs on the Iron Removal Unit (IRU) and the DRDO Water Testing Kit for army personnel in the Tawang sector of Arunachal Pradesh. The sessions were held at Tawang on 9 April 2026 and at Baishakhi (approximately 11,000 ft altitude) on 10 April 2026.



IRU is designed to effectively remove excess iron from water, while the Water Testing Kit (WTK) is a portable, field-friendly solution capable of detecting 11 parameters such as TDS, iron, arsenic, fluoride, bacteria, etc. These products are field deployable and handy for use in forward and border formations where electricity is a constraint.

More than 120 Army personnel (officers & ORs) from 17 forward units from HQ 40 MtnBde and HQ 46 InfBde participated in the sessions. The hands-on training equipped them with practical skills to monitor and manage water quality in challenging and resource-constrained environments.

FIRST-AID AND CPR TRAINING AT NPOL

Naval Physical and Oceanographic Laboratory (NPOL), Kochi, organized an awareness class on “Basic First-Aid Techniques” and training in Cardiopulmonary Resuscitation (CPR) to create awareness among the employees, in coordination with Sunrise Hospital, Kakkanad, on 12 May 2026. Dr Remadevi M, Sc ‘G’ & Chairperson, NPOL Works Committee, welcomed the gathering and introduced the topic. Dr Arjun Vijay, Consultant Emergency Physician and Dr Akhil Joseph, Medical Officer, led the session.

The class included handling emergencies such as choking, burns and injuries, use of an



automated external defibrillator; and individual training on CPR. Dr Duvvuri Seshagiri, Director, NPOL, presented a memento to the

doctors as a token of appreciation.

Shri Tinto Chacko, Tech ‘B’ & Secretary of the Works Committee, delivered the vote of thanks.



TRAINING PROGRAM ON WATER QUALITY ASSESSMENT AND DEMONSTRATION OF DRDO WTK AT KISHTWAR

On 26 March 2026, the Defence Research Laboratory (DRL), Tezpur, conducted a training and awareness program on water quality assessment, along with a hands-on demonstration of the DRDO Water Testing Kit (WTK) at the 7th Bn, Assam Rifles, Kishtwar, Jammu and Kashmir. The program was aimed at supporting armed forces deployed in the remote and environmentally challenging regions of the Western Himalaya. Over 35 participants, including officers and other ranks (ORs), actively participated in the training program. The training sessions comprised comprehensive presentations on water quality: present scenario, challenges & possible solutions; potable water; water-borne diseases; and Do-It-Yourself (DIY) solutions.

A key highlight of the program was the demonstration of the WTK, a portable and user-friendly kit designed for rapid, on-site



assessment of water quality. The kit is capable of detecting 11 parameters, including arsenic, fluoride, iron, harmful microbial contamination, etc. Through hands-on training, participants

gained practical experience in operating the kit, interpreting results, and implementing basic water quality management measures in resource-constrained environments.

PERSONNEL

HIGHER QUALIFICATION ACQUIRED



Shri Tarak Nath De, Sc 'F', Advanced Systems Laboratory (ASL), Hyderabad, has been awarded a PhD from the National Institute of Technology (NIT), Durgapur, West Bengal, for his thesis titled "Predictive Modelling and Microstructural Characterization of AA 6082 Tubes in Flow Forming: An Experimental and Optimization Study."



Shri Mrinal Goswami, Sc 'G', Integrated Test Range (ITR), Chandipur, has been awarded a PhD degree from the National Institute of Technology (NIT) Durgapur in May 2026 for the thesis titled "Studies on Multi-GNSS Signal Environment From India Towards Test Range Applications."

VISITORS TO DRDO LABORATORIES

CAIR, Bengaluru

Lt Gen Zubin A Minwalla, UYSM, AVSM, YSM, DCIDS (Ops), visited the Centre for Artificial Intelligence and Robotics (CAIR), Bengaluru, on 19 May 2026. There was a briefing by Dr Rituraj Kumar, OS & Director, CAIR, followed by discussion and demonstration of technologies developed by CAIR in the area of command and control technologies for land forces.



DEAL, Dehradun

Air Marshal Awadhesh Kumar Bharti, SYSM, AVSM, VM, Deputy Chief of Air Staff (DCAS) visited Defence Electronics Applications Laboratory (DEAL), Dehradun, on 12 June 2026. He was briefed on various products developed and under development at DEAL including satellite communications, software defined radios, aeronautical data links, troposcatter communication, strategic communication and a detailed presentation was given on Software Defined Radios (SDRs) addressing the developments towards integrated solution of SDR for IAF. He was also apprised of IRSA Framework. Thereafter, DCAS visited the demonstration area where various SDRs (SDR-FA (Airborne), SDR-TAC, SDR-Manpack (Army and Naval versions) and SDR-Handheld) and Digital Hand Held Radio (an indigenous replacement for Motorola and DMR sets) developed by DEAL were shown. A live Demonstration of UHF



Multinet MANET waveform and NCO Applications was also performed. DCAS appreciated the work being done by DEAL.

DGRE, RDC-Manali

□ On 21 April 2026, a group of 35 engineering students accompanied by 10 faculty members of Atal Bihari Vajpayee Govt Institute of Engineering & Technology (AVGIET)

Electric and Communication Engineering Institute Pragati Nagar, Shimla (HP), visited the Defence Geoinformatics Research Establishment (DGRE), RDC Manali, with the objective of bridging the gap between theoretical knowledge and practical application in the field of real-world automation processes, particularly in mountainous geo-hazard assessment and mitigation.

The visiting group was briefed on various hazards associated with snowbound regions, including the risks and dynamics of avalanches. Detailed insights were provided on snow meteorological data collection, including the instruments used for such purposes and then operational functioning. The role and working of automatic weather stations (AWS) and associated data transmission systems were also explained.

In addition, the students and faculty members were apprised of the various engineering control structures installed at DGRE in the snowbound region of the Himalayas for hazard mitigation and safety enhancement.

□ Dr PK Satyawali, OS & Director, Defence Geoinformatics Research Establishment (DGRE), Chandigarh, along with a team of scientists, interacted with Lt Gen Neeraj Shukla, AVSM, SM, GOC GajrajCorps, at Tezpur, Assam, on 6 May 2026. During the interaction, the team briefed the GOC on advanced technologies in weather and avalanche forecasting and mobility support technologies to enhance operational effectiveness in the Eastern Himalayas. DGRE scientists also apprised the GOC about the technologies for landslide mitigation and early warning systems for high-altitude operations. The GOC, Gajraj Corps, commended the team for their valuable contributions and lauded their innovations in ensuring national safety and security.



DIHAR, Leh

The Parliamentary Standing Committee on Communications and Information Technology (SCoCIT) conducted a study tour and site visit in Leh during 13-15 May 2026. During the visit, the honorable members

of the committee headed by Dr Nishikant Dubey held discussions with officials from the DRDO, the Ministry of Defence (MoD), and the Department of Telecommunications (DoT). The primary agenda was "Spectrum

Management and Its Role in Digital Growth." The committee held a detailed discussion on evaluating telecom infrastructure, enhancing connectivity, and ensuring secure communication frameworks for high-altitude and strategic regions.

DRL, Tezpur

Lt Gen Neeraj Shukla, AVSM, SM, General Officer Commanding of the Gajraj Corps, visited the Defence Research Laboratory (DRL), Tezpur, on 10 April 2026. During the visit, Dr Rajesh Kumar Garg briefed him on various projects, products, and technologies developed by the laboratory. The presentation highlighted DRL's ongoing work in life sciences, biotechnology, and engineering solutions designed to support operations in high-altitude and remote areas.

Lt Gen Shukla reviewed the progress of these research initiatives and appreciated the laboratory's efforts in developing innovative and practical solutions for the armed forces. He emphasized the importance of such technologies in enhancing operational readiness, especially in challenging terrains and extreme climatic conditions. The GOC commended DRL for its contribution towards strengthening self-reliance in defence technology and fostering innovation within the country. He also stressed the need for timely execution of projects to ensure their effective deployment in operational areas.



As part of the visit, a joint team was constituted to oversee ongoing projects and ensure their completion within stipulated timelines. The initiative aims to improve coordination and facilitate the delivery of critical technologies to remote operational locations.

LRDE, Bengaluru

Members of the Parliamentary Standing Committee on Defence (SCoD) under the Chairmanship

of Shri Radha Mohan Singh visited Electronics & Radar Development Establishment (LRDE), Bengaluru on 26 May 2026 to review status of upgradation of various programmes and projects. The Committee comprised Hon'ble MPs of Lok Sabha Secretariat and Ministry of Defence (MoD) officials. Secretary DDR&D & Chairman DRDO Dr Samir V Kamat; Dr BK Das, DS & DG (ECS); Dr Ravindra Singh, OS & DG (R&M); and Shri M Sheik Althaf, OS & Director,

LRDE welcomed the delegation comprising 19 Hon'ble MPs and 5 officials. The delegation interacted with senior officials of LRDE and DRDO HQrs. The Committee was appraised about journey of the Radar development starting from early years of pre-independence till date. Chairman, SCoD inaugurated exhibition which showcased LRDE developed technologies and systems including various working models, simulation setup and actual Radar

systems. A presentation was shown to SCoD covering various Radars inducted into tri-services and manufacturing industry base spread across the nation. The presentation was followed by interactive meeting on status of various ongoing projects, future vision of LRDE based on latest technology advancements in the field of radars and Indian defence requirements, etc.

The Committee was happy to note that LRDE Radars have

played crucial role in Op Sindoor. The committee appreciated LRDE's efforts in achieving atmanirbharatha in Radar technology with the products and technologies developed over the decades of efforts. Delegation also appreciated the efforts of LRDE in nurturing and establishing Indian industry base for Radar development which resulted in meeting the requirements of armed forces as well as in exporting the Radars.

