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# समाचार पत्रों से चयित अंश Newspapers Clippings

डीआरडीओ समुदाय को डीआरडीओ प्रौद्योगिकियों, रक्षा प्रौद्योगिकियों, रक्षा नीतियों, अंतर्राष्ट्रीय संबंधों और विज्ञान एवं प्रौद्योगिकी की नूतन जानकारी से अवगत कराने हेतु दैनिक सेवा

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**DRDO** News

#### DRDO Technology News

## The**Print**

Tue, 05 Dec 2023

#### MSMEs Urged to Collaborate on Achieving Indigenisation Target in Defence, Aerospace Sectors

In an endeavour to enhance indigenisation capability to 70 per cent in defence and aerospace sectors over the next 3-4 years, the government has implemented measures for MSME capacity building, including a five-fold increase in product development funding support to Rs 50 crore.

Samir V Kamat, Secretary of the Department of Defence R&D and Chairman of DRDO, highlighted the initiatives undertaken by the government to build MSME capacity during the EEPC virtual event of 'MSME Defense Week'.

"The government aims to increase the indigenisation level in defence and aerospace to 70 per cent over the next 3-4 years," Kamat stated.

He said the defence ministry has raised funding for technology development projects by MSMEs from Rs 10 crore to Rs 50 crore. Speaking at the event, he underscored the transformative impact of these initiatives on the country's manufacturing landscape.

The cornerstone of these efforts is technology development including the Product Development Fund (TDF), a crucial scheme initiated by DRDO to fund MSMEs in advancing technologies.

Kamat urged MSMEs to explore the scheme, emphasising the increased funding ceiling of Rs 50 crores per project.

To date, approximately 70 projects have been awarded under the scheme with Rs 295 crores disbursed, he said. Of these projects, 16 technologies have been indigenised against the requirements of the Air Force and Navy.

Kamat highlighted success stories, citing examples such as the development of avionics video processing and switching modules for the Air Force and composite-based submersible pumps for the Navy.

In addition to the development funds, Kamat outlined various technologies available on the DRDO website, inviting MSMEs to consider acquiring them at reasonable costs.

Kamat disclosed the establishment of 15 Centers of Excellence, termed DRDO Industry Academia Centers of Excellence, in prominent academic institutions.

MSMEs were encouraged to engage in collaborative projects with DRDO and academic institutions through these centres.

https://theprint.in/economy/msmes-urged-to-collaborate-on-achieving-indigenisation-target-indefence-aerospace-sectors/1873195/

### **Defence News**

Defence Strategic: National/International

Press Information Bureau
Government of India

**Ministry of Defence** 

Tue, 05 Dec 2023

## Indian Army Idea & Innovation Competition and Seminar 2023

Indian Army held Idea & Innovation Competition and Seminar titled 'Inno Yodha 2023' at the Manekshaw Centre, New Delhi on 5th December 2023. The event signifies importance accorded by the Indian Army in embracing modernisation and pursue technological advancement through indigenisation and in-house innovations. The event was aimed at showcasing technological innovations carried out by the users within the organisation.

The event was attended by serving personnel besides eminent personalities from academia and defence industry. During his address to the gathering, General Manoj Pande, Chief of the Army Staff appreciated the creativity and ingenuity of the innovators and exhorted the 'Thinking Warriors' in the Indian Army to continue conceptualising practical and innovative solutions for the nation and Indian Army.

Innovations by Indian Army personnel is a testimony of the passion, professional competence and technical knowledge of all ranks in finding in-house solutions to the operational needs of the field formations. The operational challenges faced by the Indian Army are varied, aggravated by the vagaries of terrain, weather and adversarial threats. The dynamics of man and machine are compounded by the ever-evolving alchemy of technology and doctrines. No one else but the ground soldier appreciates this fact better and hence continuously endeavours to evolve in-house solutions for the Army's operational and administrative challenges.

Towards this, the annual Ideas & Innovation Competition conducted by the Indian Army propagates critical thinking, facilitates absorption of fresh ideas and encourages all ranks to 'Think Out of the Box'. It also harmonises efforts of the Indian Army towards the ultimate aim of an 'Atmanirbhar Bharat'.

This year, a total of 80 innovations from all across the Indian Army were shortlisted out of which 34 have been finally selected for further development. These innovations are not only restricted to conventional systems and technology but also include innovative solutions in the domains of niche technologies like, AI, Software applications, Unmanned Arial Platforms and Counter Drone Systems.

22 top innovations were displayed during the Event and Innovators associated with these innovations were felicitated by the Chief of Army Staff. From their present state, the selected innovations will be taken forward by collaborating with Academia and Industry partners to develop military grade ruggedised solutions.

Towards this, the Army Design Bureau of Indian Army has taken path-breaking initiatives for connecting capabilities of the entire defence industry ecosystem to fulfill operational requirements of field formations. Last year, for the first time, the expertise of premier Academia was harmonised, and fifteen niche tech innovations were identified to be taken forward with Foundation for Innovation and Technology Transfer, IIT Delhi to benchmark their technology levels. Intellectual Property Rights applications for eight of them have already been filed. While converging the operational requirement of the Indian Army and the technology experience of our academia to make world-class products, through dedicated funding from the Army, four niche tech innovations are being developed under the guidance of faculty from IIT Delhi through the Army Technology Board route.

Technology for an innovation "Vidyut Rakshak- an IOT-based Generator Monitoring and Control System" was transferred to the Indian industry for mass production. During the event, MoU was also signed between the Indian Army and the Foundation of Innovation and Technology Transfer for technological collaboration and consultation.

As the curtains fall on this landmark event, the innovative spirit displayed by the in-house talent instilled a sense of pride and optimism for the future. The innovative ideas and groundbreaking solutions presented during the competition and seminar underscore the importance accorded by the Indian Army towards the process of transformation. These initiatives demonstrate an unwavering commitment by the Indian Army not only to safeguard the territorial integrity but also to inspire the current and future generations to think innovatively.

https://pib.gov.in/PressReleasePage.aspx?PRID=1982813



Tue, 05 Dec 2023

#### Vice Admiral Dinesh K Tripathi Appointed as Next Vice Chief of Naval Staff

The Government of India on Tuesday appointed Vice Admiral Dinesh K Tripathi as the new Vice Chief of Naval Staff. Currently, at the helm of the Indian Navy's Western Command headquartered in Mumbai, Vice Admiral Tripathi is set to assume his new responsibilities on January 4, 2024. The present Vice Chief of Navy, Vice Admiral SJ Singh, will be stepping into the role of the new Western Naval Commander.

Vice Admiral Tripathi has served in various prestigious roles, including Chief of Personnel at the Integrated Headquarters of the Ministry of Defence (Navy).

An alumnus of Sainik School Rewa and the National Defence Academy, Khadakwasla, he joined the Indian Navy in July, 1985. Specialising in Communication and Electronic Warfare, Tripathi has held key roles on frontline warships, such as Signal Communication Officer and Electronic Warfare Officer.

He has also served as the Executive Officer and Principal Warfare Officer of Guided Missile Destroyer INS Mumbai. Notable commands include Indian naval ships including Vinash, Kirch, and Trishul.

Tripathi has also held various important operational and staff appointments, which include Fleet Operations Officer of the Western Fleet at Mumbai, Director of Naval Operations, Principal Director Network Centric Operations and Principal Director Naval Plans at New Delhi.

Following promotion to Rear Admiral, he served as Assistant Chief of Naval Staff (Policy and Plans) at IHQ MoD(N) and later as the Flag Officer Commanding Eastern Fleet.

Promoted to the rank of Vice Admiral in June 2019, Vice Admiral Tripathi assumed the role of Commandant of the Indian Naval Academy at Ezhimala, Kerala. From July 2020 to May 2021, he served as the Director General of Naval Operations, steering the Navy through a period of heightened maritime activities despite the challenges posed by the Covid-19 pandemic.

A graduate of Defence Services Staff College, Wellington, Vice Admiral Tripathi received the Thimmaiya Medal. He also completed the Naval Higher Command Course and Naval Command College at the US Naval War College, Newport, Rhode Islands in 2007-08, earning the prestigious Robert E Bateman International Prize.

Vice Admiral Tripathi is married to Mrs. Shashi Tripathi, an artist and homemaker, and the couple has one son, who is a practicing lawyer.

https://www.indiatoday.in/india/story/vice-admiral-dinesh-k-tripathi-appointed-as-new-vice-chiefof-naval-staff-2472281-2023-12-05



Tue, 05 Dec 2023

#### Indian Army Breaks Barriers: Captain Geetika Koul Becomes First Woman Doctor Posted at Siachen

Continuing its tradition of giving equal opportunities to women officials at par with their male counterparts, the Indian Army has posted a woman doctor in the Siachen Glacier, the highest battlefield on the planet. Captain Geetika Koul from the Snow Leopard Brigade has become the first woman doctor to be posted at the glacier.

Before her, Captain Shiva Chouhan was deployed at the glacier. She is an engineering officer from Bengal Sappers. The Leh-based XIV Corps, also known as the Fire and Fury Corps, said on Tuesday, "Captain Geetika Koul from the Snow Leopard Brigade becomes the first Woman Medical officer of the #IndianArmy to be deployed at the world's highest battlefield, #Siachen after successfully completing the induction training at Siachen Battle School."

The snowclad glacier is one of the most inhospitable terrains across the globe.

It should be noted that to be deployed in the Siachen glacier, the soldiers need to have better physical stamina, mental fortitude, the ability to climb high altitudes at steep angles, and survival skills, among others.

Earlier, women officers were used to be posted at the Siachen base camp. The base camp is situated at an altitude of around 9,000 feet.

The Indian Army has been holding an advantageous position in the area over Pakistani.

Indian Army suffered heavy casualties due to inhospitable terrain and hostile weather during Operation Parakaram in 1984 against the Pakistani Army.

It should be mentioned that the area is full of deadly crevices and also prone to avalanches.

https://newsable.asianetnews.com/india-defence/indian-navy-breaks-barriers-captain-geetika-koulbecomes-first-woman-doctor-posted-at-siachen-snt-s57c47



Tue, 05 Dec 2023

#### HAL to Showcase Indigenous Avionics Systems in Delhi

State owned Hindustan Aeronautics Limited (HAL) is gearing up to display its extensive history in crafting, designing, and producing a variety of avionics systems at the Avionics Expo-2023. This event is scheduled to take place in New Delhi on December 7-8, 2023, with the Chief of Defence Staff inaugurating the expo.

According to C B Ananthakrishnan, the CMD (Additional Charge) at HAL, the intention is to exhibit HAL's prowess and role in bolstering self-sufficiency in avionics to crucial stakeholders like the Indian Armed Forces, Ministry of Defence, Ministry of Civil Aviation, DRDO, and other vital institutions.

The expo is poised to become a focal point for aviation professionals, industry leaders, and stakeholders. It will provide abundant networking prospects for forging meaningful connections, fostering collaborations, and exploring potential business partnerships. Dr D K Sunil, Director (Engineering and R&D), views the event as a testimony to HAL's commitment to advancing aerospace technology in India.

Key features of the event include the unveiling of a comprehensive array of avionics products designed and developed by HAL, showcasing cutting-edge systems like advanced flight control, communication, and navigation systems across diverse aircraft platforms.

Engaging panel discussions will feature experts from the Indian Armed Forces, HAL, partner organizations, and academia. These discussions will delve into emerging avionics trends, challenges in system integration, and the future of aviation electronics, offering a holistic perspective on the sector.

The expo will not only showcase products but also provide live demonstrations of avionics systems. This hands-on experience will allow visitors to witness the performance and reliability of HAL's avionics solutions in real-time scenarios. Outsourced partners will also present their products during these live demonstrations.

Moreover, the event extends beyond a conventional exhibition. It serves as a crucial step toward achieving self-reliance in avionics and underscores HAL's dedication to advancing aerospace technology in India. Additionally, engineering students from Delhi and nearby areas have been invited to participate, offering them a unique learning experience.

https://www.financialexpress.com/business/defence-hal-to-showcase-indigenous-avionics-systemsin-delhi-3328599/



Tue, 05 Dec 2023

#### Hensoldt, Rafael Partner for Naval ECM

German sensor house Hensoldt has teamed with Israel's Rafael Advanced Defense Systems to offer the German Navy a new electronic countermeasures (ECM) suite combining both onboard and offboard jamming components.

Announcing the co-operation agreement on 27 November, Hensoldt said the tie-up was initially aimed at providing the Deutsche Marine with "a solution to close the capability gap in the self-protection of its ships". According to the company, the teaming seeks to blend knowledge derived from Hensoldt's own Kalaetron Attack jammer with Rafael's existing Digital Shark shipboard ECM system and C-GEM active offboard decoy.

Kalaetron is a fully digital electronic warfare product family developed by Hensoldt to meet a variety of airborne self-protection, electronic attack, and signals intelligence missions. As one part of this portfolio, the Kalaetron Attack escort jammer pod combines cognitive software elements (based on artificial intelligence algorithms) with a fully digitised broadband sensor and an electronically controlled/software-defined jammer.

"[Kalaetron Attack] has proven to be very effective in neutralising air-defence radars in several test campaigns," Hensoldt said in a statement. "Now [we are] using the knowledge gained from land and airborne tests to develop a capability for the electronic protection of naval vessels."

Rafael's Digital Shark shipboard jammer is designed to counter multiple simultaneous threats approaching on different axes, and has been exported to a number of international navies. The C-GEM active decoy round, currently entering service with the Israeli Navy, is a reactive rocket-powered countermeasure that deploys a jammer offboard to effect angular seduction of radarguided anti-ship missiles.

https://www.janes.com/defence-news/news-detail/hensoldt-rafael-partner-for-naval-ecm



Tue, 05 Dec 2023

#### Sweden's Saab to Study New Submarine Technology

Swedish defence group Saab (SAABb.ST) said on Tuesday it had signed a deal with the Swedish Defence Material Administration (FMV) to study new technologies for submarines and other equipment for use under water.

The studies were "preparatory in nature", Saab said in a statement.

"Underwater capabilities are of vital interest for Sweden. Saab's submarines are among the most modern conventional submarines in the world and a key capability for Sweden," a spokesperson for the company said in a statement. Sweden has a history of developing its submarine designs and technology development by refining and adding new technologies to already existing solutions, according to Saab.

https://www.reuters.com/business/aerospace-defense/swedens-saab-study-new-submarine-technology-2023-12-05/



Wed, 06 Dec 2023

#### US, Europe Boost \$45B Anti-Missile Defense Market as Russia's Missile Attacks, Production Grows Manifold

Russia's significant advances in missile production and the growing effectiveness of Moscow's missiles in the ongoing war in Ukraine seem to have hastened the demands for anti-missile weapons in Europe and the United States.

Anti-missile systems also prioritize dealing with the increasing use of UAVs by adversaries. The older air defense systems are less capable of tracking UAVs due to their compact size, low radar cross-section (RCS), and reduced IR signatures. Therefore, countries are focusing on developing advanced air defense systems to counter the growing threat of UAVs.

It is against this background that on November 28, the US Department of Defense awarded a contract to Alliant Technsystems Operations, a wholly owned subsidiary of Northrop Grumman. It is worth US\$235.7 million for the production of 118 AGM-88G Advanced Anti-Radiation Guided Missiles – Extended Range (AARGM-ER) for the US Navy alone.

The contract envisaged the delivery of 84 AGM-88G AARGM-ER All Up Rounds (AURs) for the US Navy (USN) and 34 AGM-88G AARGM-ER AURs for the US Air Force (USAF).

Alliant Techsystems is also to deliver six AGM-88G AARGM-ER captive air training missiles, eight telemetry/flight termination system kits for the USN, ten dummy air training missiles for the USAF, as well as initial spares, special tooling and test equipment kits, and associated supplies and support.

The AARGM mission is to suppress and destroy enemy air defenses (SEAD/DEAD). Its primary targets are re-locatable integrated air defense targets and targets that utilize shutdown tactics, which are neutralized through a multi-mode seeker.

An air-launched missile capable of rapidly engaging air-defense threats, the AARGM-ER configuration incorporates a new solid rocket motor for increased range. It is supposed to be integrated into the F/A-18E/F Super Hornet and EA-18G Growler aircraft, F-35A, Marine Corps F-35B, and Navy/Marine Corps F-35C.

The AARGM-ER began development in FY2016 and incorporates hardware and software modifications to improve the existing AGM-88E AARGM capabilities, including extended range, survivability, and effectiveness against future threats.

In May this year, Northrop Grumman Corporation announced the fifth consecutive successful flight test of the USN's AARGM-ER). The missile was said to have successfully detected, identified, located, and engaged an advanced, land-based emitter target.

AARGM-ER development uses digital modeling and integrated advanced AARGM sensors and electronics in a new high-performance air vehicle with upgraded propulsion and an optimized warhead. The new missile is claimed to provide the US Navy, Air Force, and Marine Corps with a vital counter-air-defense capability that can engage advanced and long-range threats. At the same time, pilots remain outside of lethal engagement ranges.

Northrop Grumman, a leading global aerospace and defense technology company, has received orders from other countries for this new defensive missile and has obtained the necessary clearance for the US government to export.

Australia has decided to buy the AARGM-ER weapon for the Royal Australian Air Force (RAAF). The AARGM-ER will equip three RAAF combat types: the Boeing F/A-18F Super Hornet, EA-18G Growler, and Lockheed Martin F-35A, according to the Australian Department of Defense. Sixty examples are to be obtained for A\$431 million (US\$276 million), it is said.

Similarly, new NATO member Finland has decided to acquire up to 150 AARGM-ER in a foreign military sale approved by the US State Department.

"This proposed sale will support the foreign policy and national security of the United States by improving the security of a NATO ally that is an important force for political stability and economic progress in Europe," according to a statement from the Defense Security Cooperation Agency (DSCA).

Incidentally, a recent business report suggests that the global missiles and missile defense systems (MMDS) market is valued at US\$45.2bn in 2023 and will grow at a compound annual growth rate (CAGR) of 4.2% to reach a value of US\$67.9bn by 2033. The cumulative market for global MMDS is anticipated to be valued at US\$657.4 billion over the forecast period.

Demand for MMDS is anticipated to be driven by air defense modernization and advanced precision strike missile procurement programs by key defense spending countries, such as the US, Russia, China, India, Poland, and the UK, among others, the study states.

The missiles segment is expected to account for the largest share of 58.3% of the two primary segments in the global MMDS market from 2023 to 2033.

The key categories in the missile and missile defense systems market are missiles and missile defense systems. The missiles segment is further categorized into strategic land-attack, anti-ship, anti-radiation, conventional land-attack, anti-air, and anti-tank guided missiles (ATGM). Likewise, Platform-based MDS and missile-based CIWS are the two significant categories of missile defense systems.

In 2023, the MMDS market is expected to be led by the missiles segment and will continue doing so during the forecast period. It is said that the missile segment will be driven by multiple high-value procurement programs worldwide and the rise in the development & induction of low radar cross-section (RCS) missiles capable of operating at hypersonic speeds across militaries worldwide. Analyzing the missile and missile defense systems market across several regions such as Europe, Asia-Pacific, North America, Middle East, Africa, and Latin America, the report says that "the MMDS market over the forecast period is expected to be led by Europe. The Russia-Ukraine conflict has increased demand for missile defense systems in the region, as several NATO countries are now focusing on improving their missile defense capabilities in the wake of the growing missile capabilities of Russia.

"This factor is expected to drive the MMDS market in the coming years. Ongoing partnerships among allied countries in Europe for the joint production and development of missiles is a key trend that will assist in cutting down on procurement costs through technology sharing."

Incidentally, major players in the MMDS market are RTX Corp (RTX), Lockheed Martin Corp, MBDA Holdings SAS, Almaz-Antey Concern, Northrop Grumman Corp, and India's Hyderabad-based Bharat Dynamics Ltd (BDL).

BDL produces anti-tank guided missiles, surface-to-air missiles, air-to-air missiles, and missile launchers. It is the prime production agency for the Indian Integrated Guided Missile Development Programme and includes several nuclear-capable missile systems, such as the Prithvi and Agni series.

https://www.eurasiantimes.com/us-europe-boost-45b-anti-missile-market-as-russias-missil/

### Science & Technology News

### THE TIMES OF INDIA

Tue, 05 Dec 2023

#### ISRO Brings Back Chandrayaan-3 Propulsion Module to Earth Orbit, Shows off Tech to Return from Moon

Showing that India can not only send objects to the Moon but also bring them back, ISRO has successfully returned the Chandrayaan-3 Propulsion Module (PM), initially intended for lunar operations, to Earth's orbit after surpassing its lunar mission objectives.

This marks another achievement, following the lunar hop by Vikram (lander), showcasing the capability of reigniting engines on the Moon and controlling equipment — operations that ISRO had not initially planned.

The Chandrayaan-3 mission, launched on July 14, 2023, aimed to showcase a soft landing near the lunar south polar region and conduct experiments using the Vikram Lander and Pragyaan rover. With the Vikram Lander making a historic touchdown on the Moon on August 23, and the mission's objectives fulfilled, attention turned to the surplus fuel of the PM.

Utilizing innovative mission strategies, ISRO decided to extend the PM's operational life and leverage its remaining fuel for future lunar missions. After careful planning and maneuvering, the PM's trajectory was adjusted to transition from lunar orbit to Earth orbit, avoiding potential collisions with the Moon or Earth's GEO belt.

"The return maneuvers, initiated in October 2023, involved raising the apolune altitude and performing a Trans-Earth Injection (TEI) maneuver. The PM completed four Moon flybys before departing the Moon's Sphere of Influence (SOI) on November 10," ISRO said.

Currently, it orbits Earth, having crossed its first perigee on November 22, with no threats to operational satellites based on current orbit predictions, it added.

The SHAPE payload onboard the PM, designed for Earth observation, continues to operate as planned. ISRO's flight dynamics team has developed a sophisticated analysis tool for this operation, demonstrating ISRO's commitment to advancing space exploration capabilities.

"Key outcomes from the return maneuvers include trajectory planning for Moon-to-Earth transitions, software module development for maneuver planning, execution of gravity-assisted flybys, and the avoidance of uncontrolled crashing to meet debris creation standards," ISRO said.

The successful repositioning of the PM not only extends its mission life but also contributes valuable insights and capabilities for future lunar missions.

https://timesofindia.indiatimes.com/home/science/isro-brings-back-chandrayaan-3-propulsionmodule-to-earth-orbit-shows-off-tech-to-return-from-moon/articleshow/105735162.cms

## THE MORE HINDU

Tue, 05 Dec 2023

#### **Mysuru to Host International Food Convention from Dec 7**

The ninth edition of the International Food Convention – IFCON-2023 – will be held in Mysuru from December 7 to 10. This year's theme of the convention is "TRIMSAFE – Technology Reengineering for Innovation and Mitigating the risk for a Safe, sustainable, Affordable and secure Food Ecosystem."

Organised by the Association of Food Scientists and Technologists of India (AFSTI) with support from the CSIR-CFTRI, DRDO-DFRL, and CSIR-Indian Institute of Toxicology Research, Lucknow, the four-day convention will be inaugurated by ISRO Chairman Dr S Somnath.

Dr. N. Kalaiselvi, Director General, CSIR, New Delhi will be delivering her address as the chief guest in a virtual mode. Pramoda Devi Wadiyar of the erstwhile Mysuru royal family will inaugurate the exhibition. CSIR-CFTRI Director Sridevi Annapurna Singh, CSIR-IITR Director and AFSTI President Dr. N. Bhaskar, DRDO-DFRL Director Anil Semwal and other dignitaries will be present.

The formal inauguration of the convention will be held at the KSOU Convocation hall at 5 p.m. on Thursday, December 7.

Before the inaugural session, Prof. M. Swaminathan Padma awardee lecture series will be inaugurated and the first lecture of the series will be delivered by Dr. Shashank Joshi, a Padma Shri awardee, who is a consultant endocrine and metabolic physician from Mumbai, at 3 p.m. on December 7.

The IFCON is organised once in five years and the last edition was in 2018 in Mysuru. The fourday conference has already attracted over 2,500 registrations with over 200 delegates from abroad participating and also making presentations.

During the convention, the prestigious AFSTI annual awards will be presented to the achievers in the field of food science and technology. The awards will be presented on the inaugural day and the popular best oral and the poster presentations will be given awards during the valedictory function.

The 18 sub-themes of the convention include chemistry of foods; food for health and wellness; millet as nutri cereals; innovative and intelligent engineering and technological advances in the food chain; food ingredients, enzymes, and additives; green food processing, preservation, and sustainable packaging solutions, future foods, traditional and ethnic foods; dairy and animal food products; food grains and baking technology; food supply chain logistics; food microbiology; food biotechnology and fermentation process.

The exhibition which will have over 100 stalls will be held on December 8 and 9 on the CFTRI campus. The public is allowed to visit the expo on day one from 1 to 5 p.m. and from 10 a.m. to 5 p.m. on December 9. A special pavilion on millets has been organised since the International Year of Millets is coming to a close, said CSIR-IITR Director Dr. N. Bhaskar.

The U.S. Embassy is holding a session on higher education opportunities in the area of food processing. Over 1,500 students from across the country will be participating in the session where there will be presentations on the courses in various universities in the U.S.

At the expo, there will be a CSIR pavilion where the achievements of the CSIR labs will be showcased. FSSAI will also be putting up its stall at the expo, said Dr. Bhaskar.

Daily, from December 7 to 10, a two-hour job mela will be organised for the students at the CFTRI campus. On the concluding day, a walkathon will be held in the campus from 8 a.m. to 9 a.m.

Dr. Sridevi Annapurna Singh said the food start-ups working on the CFTRI campus will also be displaying their products at the expo. Also, the millet products of the woman SHG in Bilikere near Mysuru will be displaying its products. IFCON organising secretary Dr. Suresh D. Sakhare and senior Principal Scientist Dr. Ramesh were present.

https://www.thehindu.com/news/national/karnataka/mysuru-to-host-international-food-convention-from-dec-7/article67607751.ece

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