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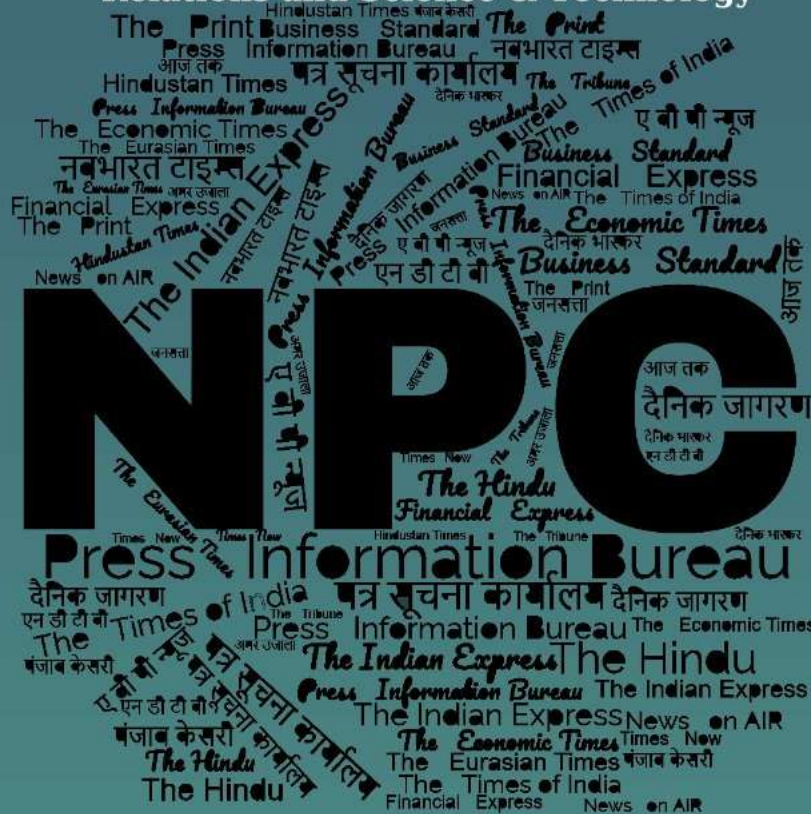
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Defence News

Defence Strategic: National/International



Press Information Bureau
Government of India

Sat, 02 Dec 2023

Come out with New Ideas & Innovations to Make India a Developed Nation by 2047: Raksha Mantri Shri Rajnath Singh to Youth at Gopal Narayan Singh University in Bihar

Raksha Rajya Mantri Shri Ajay Bhatt will pay an official visit to Accra, Ghana from December 05 to 06, 2023 to attend the United Nations (UN) Peacekeeping Ministerial Meeting. The Department of Peace Operations, UN and the Republic of Ghana are the hosts of the meeting.

The UN Peacekeeping Ministerial meeting aims to address the security and operational challenges being faced by the UN peacekeepers and generate support for these missions deployed across the world. India has always been at the forefront by sending maximum number of troops and equipment to various UN Peacekeeping missions.

On the sidelines of the meeting, the Raksha Rajya Mantri will hold bilateral meetings with participating Ministers of member countries and discuss defence cooperation matters to further strengthen the engagements. He will also interact with the Indian community in Accra during the visit.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1981828>



Press Information Bureau
Government of India

Sat, 02 Dec 2023

Passing out parade of agniveervayu trainees at airmen training school Belagavi

The Passing Out Parade (POP) of the maiden intake of Agniveervayu (Women) along with second intake of Agniveervayu (Men), was held at Airmen Training School Belagavi on 02 December

2023 after completion of their Ab- initio training. This day would be etched in the history of Indian Air Force as the first batch of 153 Agniveervayu (Women) marched shoulder to shoulder with their male counterparts. A total of 2280 Agniveervayu (Men and Women) trainees successfully completed 22 weeks of training.

Air Marshal R Radhish, Air Officer Commanding-in-Chief, Training Command, Indian Air Force, reviewed the parade and witnessed the scintillating display of Drill and March Past by the trainees.

The Air Marshal congratulated and felicitated the award winners who had performed exceedingly well in different fields. The RO lauded the Agniveervayu for their excellent effort to make the parade impressive and magnificent. He exhorted that new challenges were emerging from the global security scenario. Hence, the combat training and military preparedness acquired during the 22 weeks should be used in deliverance of military objectives. He also impressed upon the Agniveervayu to continue enhancing their knowledge, skill and conduct themselves in exemplary manner at all times.

The RO also expressed his appreciation to the parents of the Agniveervayu, acknowledging their contribution to the country and for raising men and women of honour, who are all set to be part of the fourth largest Air Force of the world.

This intake of Agniveervayu was inducted into the IAF on 28 June 2023 under the Agnipath scheme. The passing out parade marked the culmination of their basic military and stream based training that not only imparted physical training but also enhanced intellectual and moral capabilities of Agniveervayu, essential to the ethos of an air warrior.

It was a momentous occasion for the families of young men and women who were present to witness the impressive passing out parade function.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1981992>



Press Information Bureau
Government of India

Sun, 03 Dec 2023

INS Kadmatt at Yokosuka, Japan (02-05 Dec 23)

INS Kadmatt, on a Long Range Operational Deployment to the North Pacific Ocean entered Yokosuka, Japan on Dec 02, 2023 for an Operational Turnaround (OTR).

Onboard visits including professional interactions and community welfare activities are planned during the stay.

Interactions with the Japan Maritime Self Defence Force (JMSDF) will include cross-ship visits, professional exchange of ideas, Joint Yoga Camp, and coordination meeting for the Maritime Partnership Exercise (MPX).

At Yokosuka, the ship will be celebrating the Navy Day on 04 Dec 2023 in presence of the Indian diaspora in Japan.

Recently, INS Kadmatt has also undertaken fuelling with JMSDF Fast Combat Support Ship, JS Towada on 28 Nov 2023, off Okinawa, under the tenets of the Reciprocal Provisioning of Supply and Services (RPSS) signed between both navies.

The visit of INS Kadmatt to Japan and interaction with the JMSDF is aimed at further bolstering maritime cooperation between India and Japan, in line with the vision of both countries for the Indo-Pacific.

INS Kadmatt is an indigenously designed and built Anti-Submarine Warfare Corvette, equipped with state-of-the-art AS weapon suite.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1982026>



Sun, 03 Dec 2023

SpaceX launches South Korean first spy satellite from California

SpaceX launches South Korea's first spy satellite after North Korea's successful launch last month. A SpaceX Falcon 9 rocket carrying South Korea's first spy satellite launched on Friday from California's Vandenberg Space Force Base, after North Korea successfully launched its own military reconnaissance satellite last month. Lift off and then recovery of the rocket's core stage booster without showing the South Korean payload's deployment. In May, South Korea used its own domestically produced Nuri launch vehicle to place a mission-capable satellite into orbit for the first time, but it has contracted with the American company SpaceX to launch a total of five spy satellites by 2025 in an effort to accelerate its goal of having 24-hour watch over the Korean peninsula. After two earlier attempts ended in rocket crashes this year, North Korea used its own Chollima-1 launch vehicle to place the Malligyong-1 reconnaissance satellite in orbit.

<https://www.hindustantimes.com/world-news>



Sat, 02 Dec 2023

Woman officer to take over command of warship INS Trinkat

The navy is the first among the three services to induct women in the personnel below officer rank (PBOR) cadre across all streams. In a watershed in India's naval history, a woman officer is set to assume the command of a warship, navy chief Admiral R Hari Kumar said on Friday. The woman, a lieutenant commander, will take charge as the commanding officer of a fast attack craft — INS Trinkat. The development comes three decades after the navy began inducting women as officers, along with the other two services. "It is one of our fast attack craft based in the western seaboard. This is the first time we are appointing a woman officer. We had to go through all the processes of

qualification and then exams. She will undergo pre-commissioning training before taking over the craft,” Kumar said. INS Trinkat, which was commissioned into the Navy in September 2000, carries a crew of around 50. Named after an island in the Andaman and Nicobar Islands, the ship is equipped with anti-surface and anti-air guns, as well as medium and heavy machine guns. It has the capability to operate at high speeds and shallower depths.

The development quite sums up the ship's motto --- Scaling New Horizon. Kumar also said there was no restriction on women joining the service’s submarine arm. The navy chief said personnel were required to volunteer for submarines, clear an aptitude test and then undergo rigorous training before being deployed.

The woman has been selected to command a warship at a time when gender integration is in full swing in the armed forces. The development also comes months after the Navy began inducting women as sailors for the first time under the Agnipath recruitment scheme.

The Navy is the first among the three services to induct women in the personnel below officer rank (PBOR) cadre across all streams. It currently accounts for more than 1,000 women Agniveers.

“The statistics stand testament to our philosophy of ‘all roles, all ranks’ approach to deployment of women in the service for both officers and PBOR,” he said. Around 40 women officers are currently serving onboard warships. In 2021, the Navy assigned four women officers to warships after a hiatus of almost 25 years. In a short-lived experiment, women from the navy’s logistics and medical branches were deployed on fleet tanker INS Jyoti in 1997. The Navy is working on making the workplace equal for its women cadre. On October 20, the navy received its latest stealth destroyer, Imphal, from Mazagon Dock Shipbuilders Limited (MDL) in Mumbai, its first warship with separate accommodation for women sailors. To be sure, women officers currently serving on board several warships have separate berthing facilities for them. But not so for women sailors. Other key changes include the upcoming redesignation of ranks in PBOR cadre to make them gender-neutral. The navy has completed a review of ranks held by sailors, inherited from the British, and is set to replace them with Indianised designations as part of a larger drive to jettison colonial military traditions, with gender-neutral changes to the ranks also to be announced shortly. More than 65,000 sailors will now get new ranks.

Seven ranks in the navy’s PBOR cadre will be redesignated, including three existing titles that are not gender-neutral. These are Master Chief Petty Officer Ist Class, Master Chief Petty Officer IInd Class, Chief Petty Officer, Petty Officer, Leading Seaman, Seaman Ist Class and Seaman IInd Class. Women in uniform are no longer on the fringes but are being assigned central roles on a par with their male counterparts across the three services. They are flying fighter planes, serving onboard warships, commanding front-line units, being inducted in PBOR cadre, eligible for permanent commission, and undergoing training at the National Defence Academy.

<https://www.hindustantimes.com/india-news/woman-officer-to-take-over-command-of-warship-ins-trinkat-101701440900980.html>

Defence acquisition: Tejas jets, Prachand choppers to boost firepower

The Defence Acquisition Council (DAC) has accorded approval to acquisition projects worth Rs 2.23 lakh crore, including the procurement of 97 Tejas light combat aircraft and 156 Prachand helicopters. The move is expected to bolster the combat capabilities and battle readiness of India's armed forces, which are relentlessly encountering China's military muscle-flexing not only along the Line of Actual Control but also in the Indian Ocean Region. According to Air Chief Marshal VR Chaudhari, Tejas is a 'very capable and potent' aircraft that is ideal for replacing the MiG-series fighter jets. Tejas' capabilities were showcased last week when PM Modi carried out a sortie in Bengaluru. The DAC's go-ahead for the Indian Air Force's plan to upgrade 84 Sukhoi 30 fighter jets will also help in augmenting the country's airpower.

It was in February 2021 that the Ministry of Defence had sealed a Rs 48,000-crore deal with Hindustan Aeronautics Ltd (HAL) for the procurement of 83 Tejas jets for the IAF. The delivery is scheduled to begin by February 2024. It is imperative for HAL to adhere to the timelines as delays can have a detrimental effect on the operational preparedness of the forces.

Notably, 98 per cent of the latest procurement will be from domestic sources. The government has reposed faith in the indigenous defence industry and reaffirmed its commitment to achieving the goal of self-reliance in the defence sector. It is laudable that for the ongoing financial year, capital acquisition funds have been earmarked in the ratio of 75:25 — 75 per cent (Rs 99,223 crore) for domestic procurement and 25 per cent (Rs 33,078 crore) for purchase from foreign sources. This outlay distribution is aimed at spurring the indigenous industry to make a greater contribution to defence modernisation. The onus will be on the domestic manufacturers to ensure that two key factors — quality control and delivery efficiency — are duly taken care of.

<https://www.tribuneindia.com/news/editorials/defence-acquisition-567828>

Indian Navy Day 2023: Know date, history and significance

Indian Navy Day is celebrated on December 4 to honour the Indian Navy's efforts in protecting the nation's maritime borders. India celebrates Navy Day every year on December 4th to honour the unwavering dedication and selfless service of the Indian Navy. The day marks the audacious attack carried out by the Indian Navy on Karachi harbour during the 1971 Indo-Pak War, also known as 'Operation Trident.' This decisive strike crippled Pakistan's naval forces and played a pivotal role in India's ultimate victory in the war. It's a momentous occasion that pays tribute to the brave men and women of the Indian Navy who have risked their lives in service to their country.

Indian Navy Day 2023: Significance The Indian Navy Day is a special occasion that honours the brave soldiers who sacrificed their lives during Operation Trident. The day is also observed to create awareness about the vital role played by the Navy Force in protecting the country.

On this day, visitors can access warships and aircraft, and there is also a Military Photo Exhibition organised to showcase the history and achievements of the Indian Navy.

<https://www.indiatoday.in/information/story/indian-navy-day-2023-know-date-history-and-significance-2471587-2023-12-04>

Aditya-L1 sees the Sun: Isro activated second instrument on Indian solar spacecraft

The Aditya Solar wind Particle Experiment (ASPEX) payload onboard India's Aditya-L1 satellite has commenced its operations and has also started performing normally.

The Indian Space Research Organisation (Isro) on Saturday achieved another milestone as the Aditya Solar wind Particle Experiment (ASPEX) payload onboard India's Aditya-L1 satellite commenced its operations and started performing normally. According to Isro, the ASPEX comprises two instruments-- the Solar wind Ion Spectrometer (Swis) and the SupraThermal and Energetic Particle Spectrometer (Steps). While the Steps instrument was made operational on September 10, 2023, the Swis instrument was activated on November 2, 2023, and has exhibited optimal

performance. According to ISRO, the instrument has successfully measured solar wind ions, primarily protons and alpha particles. A sample energy histogram acquired from one of the sensors over two days in November 2023 illustrates variations in proton (H+) and alpha particle (doubly ionised helium, He2+) counts. These variations were recorded with nominal integration time, providing a comprehensive snapshot of solar wind behaviour. The directional capabilities of the Swis enable precise measurements of solar wind protons and alphas, contributing significantly to addressing longstanding questions about solar wind properties, underlying processes, and their impact on the Earth. According to Isro, the change in the proton and alpha particle number ratio, as observed by Swis, holds the potential to provide indirect information about the arrival of Coronal Mass Ejections (CMEs) at the Sun-Earth Lagrange Point L1. An enhanced alpha-to-proton ratio is often regarded as one of the sensitive markers of the passage of interplanetary coronal mass ejections (ICMEs) at the L1 and hence is considered crucial for space weather studies. Notably, Aditya-L1, India's first dedicated solar mission, was launched into space on September 2 from the Satish Dhawan Space Centre (SDSC) in Andhra Pradesh's Sriharikota island. The spacecraft, after travelling about 1.5 million km from Earth over 125 days, is expected to be placed in a Halo orbit around the Lagrangian point L1, considered closest to the Sun. Last week, Isro chief S Somnath said that the Aditya L1 spacecraft is nearing its final phase, and manoeuvres to enter the L1 point are expected to be completed by January 7, 2024.

<https://www.indiatoday.in/science/story/isros-aditya-l1-solar-spacecraft-activates-second-instrument-successfully-2470173-2023-12-02>

Science & Technology News



Press Information Bureau
Government of India

Sat, 02 Dec 2023

Time to define "Bio-vision" for Bharat, says Dr Jitendra Singh

Addressing the first-ever meeting of the BRIC Society after its registration on 10th November, 2023 after getting the Cabinet approval, Union Minister of State (Independent Charge) Science & Technology; MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr Jitendra Singh said here today that time has come for defining "Bio-vision" for Bharat.

Dr Jitendra Singh today said that the new Apex Autonomous Society called Biotechnology Research and Innovation Council (BRIC) will fulfil Prime Minister Narendra Modi's Vision for Atma Nirbhar Bharat in areas like healthcare, food and energy needs by scaling biotech research and innovation.

Dr Jitendra Singh said, Indian Bio-economy recorded 13 times increase in the last ten years.

The Minister quoted PM Modi as saying, “India is not too far from reaching the league of top-10 countries in Biotech's global ecosystem”. He added that BRIC is going to be a testimony to this and again by inculcating the spirit of Sabka Prayas, the government is bringing together the best minds on a unified platform.

Dr Jitendra Singh informed that the Department of Biotechnology (DBT), Ministry of Science and Technology is functioning as the nodal agency for promotion of Biotechnology in the country. It was accorded the Cabinet approval for rationalization of its 14 Autonomous Institutions (AIs) by subsuming them under one Apex Autonomous Society viz. Biotechnology Research and Innovation Council (BRIC), for centralized and unified governance to maximize impact of biotech research across the country.

Dr Jitendra Singh described the BRIC meeting as a historical event in India's Biotech Ecosystem, where elite institutions are consolidating their efforts to impact the biotech R&D ecosystem. He expressed hope that BRIC will prospectively enrich India's progress in every front including economy and employment. The Minister said, as accomplished institution-builders, he would like to seek their views for defining the Bio-Vision for Bharat in this significant meeting, as they are supposed to bring in tremendous value to this noble mission.

Dr Jitendra Singh also pointed out that this is one of the first Departments in the Government of India to have successfully executed “Rationalization of Autonomous Bodies” for process and performance enhancement of its Autonomous bodies.

Dr Jitendra Singh said, some of the significant changes that will be driven by BRIC include that each of the 14 subsumed BRIC Institutions will maintain their distinct research mandates, governed by one Governing Body, at BRIC. He said, Institutes would be allowed utilization of institutional lab space, not exceeding one third, for researchers from outside DBT institutes and their collaborators (from industry or other institutes) to carry out R&D for start-ups emerging out of institutional research.

Dr Jitendra Singh also underlined that BRIC and its Institutes can engage in public-private research partnerships and receive endowments including funds from non-Governmental resources for research-related activities.

Dr Jitendra Singh also added that new Ph.D programs across BRIC institutions with a common course curriculum at RCB and immersion training for field or experimental studies for validating research hypotheses prior to thesis work. During the Immersion phase (for about 3 months) students will get additional fellowships from Grand Challenges India program. Additionally, to enhance the scientific character of the institutions, additional 120 scientific positions are being brought in. Parity across levels and cadres are also being pursued. Further improving service prospects for scientists are also being taken up, the Minister added.

The DBT initiated this restructuring activity as per the directives on “Rationalization of Autonomous Bodies” issued by Department of Expenditure, Ministry of Finance. However, they have used it as an opportunity to introspect and overhaul the way research is conducted across the DBT institutions. It is envisioned to improve governance, efficiency, encourage collaborations through greater interdisciplinary interactions and democratize resources. The compliance to governmental processes and administrative issues will be centrally managed in a coordinated effort thereby achieving “Minimum Government, Maximum Governance”.

The 14 institutes to be governed by the Society of the new Apex Body of BRIC are: :i) National Institute of Immunology (NII, New Delhi); ii) National Center for Cell Science (NCCS, Pune); iii) Institute of Life Sciences (ILS, Bhubaneshwar); iv) Rajiv Gandhi Centre for Biotechnology (RGCN, Thiruvananthapuram); v) Centre for DNA Fingerprinting & Diagnostics (CDFD, Hydera-

bad); vi) National Brain Research Centre (NBRC, Manesar); vii) National Institute for Plant Genome Research (NIPGR, New Delhi); viii) Institute of Bioresources and Sustainable Development (IBSD, Imphal); ix) National Institute of Animal Biotechnology (NIAB, Hyderabad); x) Institute for Stem Cell Science and Regenerative Medicine (inStem, Bangalore); xi) National Institute of Biomedical Genomics (NIBMG, Kalyani); xii) Translational Health Science and Technology Institute (THSTI, Faridabad); xiii) National Agri-Food Biotechnology Institute (NABI, Mohali); xiv) Center of Innovative and Applied Bioprocessing (CIAB, Mohali). NABI and CIAB have been merged into one administrative unit with one Director.

Dr. Jitendra Singh today also launched the ‘Zero Waste Life on Campus’ program on the occasion of first Society Meeting of BRIC.

The ‘Zero Waste Life on Campus’ program is aimed at achieving sustainability through application and adoption of knowledge and technologies, and promotion of management models focused on co-responsibility, on each BRIC campus. The diverse locations, cultures and climatic conditions of the 13 BRIC campuses will provide an opportunity to understand the benefits and challenges related to recycling technologies and techniques. This program will forge a new direction for research towards integrated waste management by the community at large.

The Minister in his remarks said that this is a people centric movement that will serve as a beacon leading India into sustainable waste management. This programme will strengthen collaborations among all these institutions and also serve as a catalyst for other institutions across India to follow the concept of Zero Waste.

This program is aligned with Prime Minister Shri Narendra Modi’s Mission LiFE movement said, Dr Jitendra Singh.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1981866>



Press Information Bureau
Government of India

Sat, 03 Dec 2023

Union Minister Dr Jitendra Singh says, Nano-Science along with Bio-Economy will contribute immensely in India’s march toward 5 Trillion Dollar Economy

Addressing the faculty and students of the India's very first exclusive Nano Science institute , the Institute of Nano Science and Technology (INST) at Mohali, near Chandigarh, Union Minister of State (Independent Charge) Science & Technology; MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr Jitendra Singh said ,this is the first Nano-Science Institute in the country set up to undertake research and generate products/devices and technology in the area of Nanoscience and Technology for the benefit of the country and has a huge futuristic role.

Dr Jitendra Singh said that Nano-Science along with Bio-Economy will contribute immensely in India’s march toward a 5 Trillion Dollar Economy.

Dr Jitendra Singh said, the institute aims to carry out research in the diverse and rapidly growing areas of nanoscience and technology with specific emphasis on the following areas: Agricultural Nanotechnology, Nanomedicine, Energy and Environmental Science, Quantum Materials and Device Physics, Nano Electronics, Microfluidics Based Technologies, Nanobiotechnology.

The Institute of Nano Science and Technology (INST) is an autonomous research institution of Department of Science and Technology, Government of India, under the Society Registration Act, 1960, under the umbrella of national mission on Nano Science and Technology (NANO MISSION)", which aims to promote growth and outreach of nanoscience and technology.

Dr Jitendra Singh said, the vision of INST is to emerge as a globally competitive India's foremost research institution in Nano Science and technology and contribute to society through applications of nanoscience & and nanotechnology in agriculture, medicine, energy, and environment.

Dr Jitendra Singh said, INST has contributed significantly to promoting science and inculcating the practice of developing technology in India amongst the nation's young generation through its unique and unparalleled outreach program. He informed that the faculty of INST has directly interacted with more than 15,000 students in about 300 schools across the country and spread awareness about taking science as a career perspective. INST's roadshow has demonstrated the importance of science in day-to-day life to more than 50,000 students and the general public. INST has reached out to more than 1000 students from marginalized sections of society from 24 schools/colleges across the country towards scientific aptitude training, the Minister added.

Dr Jitendra Singh underlined that the core Mission of INST is cutting-edge research in nanoscience and nanotechnology with an interdisciplinary flavour in the domains of energy, environment, agriculture, health care, quantum materials, etc., to solve global and local challenges.

Our motto is "Knowledge of Nanoscience for the Nation.", said, Dr Jitendra Singh.

Dr Jitendra Singh also enumerated some of the core objectives of the INST as-to advance knowledge and educate young minds in nanoscience and technology that will best serve the nation, to impart advanced training courses and laboratory techniques of nanotechnology at the highest level, to encourage innovative and challenging technology/product-based scientific projects.

1. Is also boosting translational research (from laboratory to industry) and fostering interactions with industry and at the same time sensitizing the public and media about the advantages and safeguards of Nano Science and Technology.

Institute of Nano Science and Technology (INST), Mohali, is an autonomous institution of the Department of Science and Technology (DST), Government of India. It was established under the umbrella of NANO MISSION, initiated by DST to emphasize nano research in India, and it started its activities on 3rd January 2013. This is the first Indian nano-research institute in the country, which began its activities on 3rd January 2013 at Transit Campus, Sector 64, Phase X, Mohali, Punjab. The new campus of INST has now been set up on 35 acres of land in the Knowledge City at Sector-81 Mohali, Punjab.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1982120>



Sat, 04 Dec 2023

SAMRIDHI Conclave, a deeptech startup acceleration drive inaugurated at IIT Ropar

The Governor of Punjab and Administrator of Chandigarh, Shri Banwarilal Purohit, inaugurated a Deeptech Startup Accelerator Program dedicated to catalyzing innovation in agriculture and water technology called SAMRIDHI (Strategic Acceleration for Market, Research, Innovation & Development: a Holistic Initiative for ICPS Startups) hosted by iHub AwaDH, a Technology and Innovation Hubs set up UNDER National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).

The SAMRIDHI conclave in which five strategic collaborations were formalized, featured five deep-tech innovations. A total of 13 startups shortlisted through rigorous evaluation, presented their ideas while 25 startups showcased their solutions at the exhibition. More than 30 experts spoke on strategic acceleration for market research, innovation, and development.

Dr Akhilesh Gupta, Secretary of the Science and Engineering Research Board; Senior Adviser, DST, GoI, reinforced the efforts taken by the NMICPS to orchestrate the Technology Self-reliant Atmanirbhar Bharat. Mission Director of NM on ICPS Dr Ekta Kapoor, projected the key highlights of the mission leading to CPS technology interventions across sectors such as agriculture infrastructure health, defence, and environment.

Prof. Rajeev Ahuja, Director of IIT Ropar, Prof. Renu Vig, Vice Chancellor of Panjab University, Chandigarh, Dr Pushpendra Pal Singh, Project Director, AwaDH and Mr. Amitabh Nag, CEO of Bhashini Digital India were also present on the occasion. The event emphasized DST's pivotal role in shaping the future of technology in the region through NMICPS. The Mission has led to the generation of 311 technologies, 549 technology products and created 1613 CPS research bases and contributed to more than 60000 cps skilling.

The conclave organised by IIT Ropar's Technology and Innovation Hub AwaDH was supported by 46 investment partners, and over 50 jury members evaluated and mentored the startups. Over 110 partners nationwide actively contributed to driving innovation and fostering technological self-reliance. The program is executed with the Department of Science & Technology (DST), Government of India, under the National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS), reinforcing DST's commitment to advancing technology and innovation.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1982191>

