

Courses

 ACC
 AFCAT
 AIRMEN
 CAPF
 CDS EXAM
 INET OFFICER
 MNS
 MOCK TEST
 NDA EXAM
 PC(SL)
 SCO
 SSB INTERVIEW
 TERRITORIAL ARMY

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Defence Current Affairs 01-09 October 2022

Concludes Maiden Contract for 10 Multicopter (VTOL) Drones

- In a major boost to Marine Surveillance and Interdiction capabilities, the Indian Coast Guard has concluded maiden contract for 10 multicopter (VTOL) drones in consonance with Government of India's policy of embracing Drone Technology.
- These drones are capable of being launched from both Ships whilst underway, as well as Shore Stations and will play a significant role in the reach if ICG unit during Surveillance & Security operations. In addition, these drones are going to assist in Search and Rescue (SAR), both by day as well as night. The ICG plans to induct 100 additional drones by 2025, to meet the ever-growing challenges in India's Maritime Zones and Search & Rescue Region.
- The Indian Coast Guard is a maritime law enforcement and search and rescue agency of India with jurisdiction over its territorial waters including its contiguous zone and exclusive economic zone. The Indian Coast Guard was formally established on 1 February 1977 by the Coast Guard Act, 1978 of the Parliament of India.
- Motto: वयम् रक्षामः
- Formed: 18 August 1978
- Headquarters: Indian Coast Guard Headquarters, New Delhi

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KEEL LAYING Ceremony TWO WARSHIPS OF ASW SWC PROJECT AT GRSE

- Keel laying of the two warships (Yard 3033 and Yard 3036) of Anti-submarine Warfare Shallow Craft (ASW SWC) project under construction by GRSE, Kolkata, was undertaken on 31 Dec 22 by Shri Giridhar Aramane, IAS, Defence Secretary.
- Speaking on the occasion, Defence Secretary appreciated GRSE's efforts towards achieving the significant milestone. He stated that laying of keel for these two ships reinforces our resolve towards completely indigenous shipbuilding as part of Prime Minister's vision of 'AatmaNirbhar Bharat'. The ASW SWC ships will have over 80% indigenous content, ensuring that large scale defence production is executed by Indian manufacturing units thereby generating employment and capability build up within the country. He further said that with the induction of ASW SWC ships, the IN's ASW capability will be enhanced.
- VAdm Kiran Deshmukh, CWP&A, RAdm Sandeep Mehta, ACWP&A, Cmde PR Hari (Retd), CMD, GRSE, Cmde Indrajeet Das Gupta, WPS (Kol), Directors and other senior officials of GRSE and Indian Navy were also present during the occasion





Air Marshal Pankaj Mohan Sinha Assumes Command Of IAF'S WAC

- Air Marshal Pankaj Mohan Sinha assumed command of the Indian Air Force's Western Air Command on 01 January 2023.
- The Air Marshal is a graduate of National Defence Academy, Pune and was commissioned into the IAF as a fighter pilot in Jun 1985.
- He is an alumnus of the prestigious Defence Services Staff College, Wellington. An experienced fighter pilot, Category 'A' Qualified Flying Instructor, Fighter Striker Leader, Instrument Rating Instructor & Examiner, Air Marshal Sinha has more than 4500 hours of flying experience.
- The Air Officer is a recipient of 'Vishist Seva Medal' and 'Ati Vishist Seva Medal.
- Air Marshal Pankaj Mohan Sinha succeeds Air Marshal S Prabhakaran who superannuated on 31 December 2022 after putting in more than 39 years of distinguished service in the IAF.



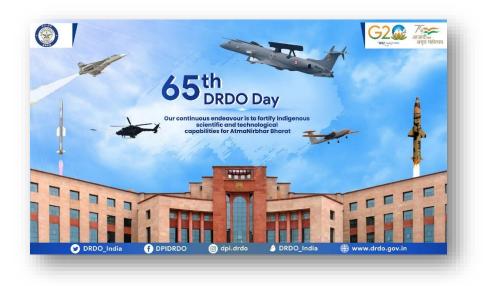
DRDO Celebrates Its 65th Foundation Day

- Floral tributes paid at the bust of former President Dr APJ Abdul Kalam at DRDO Hq in New Delhi to mark the 65th Foundation Day of the Organisation, which is celebrated on 1st January every year.
- It was formed in 1958 from the amalgamation of the Technical Development Establishment (TDEs) of the Indian Army and the Directorate of Technical Development & Production (DTDP) with the Defence Science Organisation (DSO).
- DRDO is a network of more than 50 laboratories which are deeply engaged in developing defence technologies covering various disciplines, like aeronautics, armaments, electronics, combat vehicles, engineering systems etc.
- The DRDO Chairman stated that several systems developed by DRDO have been delivered, inducted or handed over to the users. These include three firing units of Medium Range Surface to Air Missile for IAF, Shakti EW system, InfraRed Signature Suppression System for ships, Brake Parachutes for Su-30 fighter aircrafts, Commanders Thermal Imaging Sight with Laser Range Finders for T-90 Tank, Dhwani Automated Sonar Trainer, four types of Radiation Contamination Monitoring Systems, MIG-29 Aircrew Helmet and Pressure Breathing Oxygen Masks etc.
- Dr Kamat added that the Acceptance of Necessity (AON) has also been accorded by the Defence Procurement Boards and Defence Acquisitions Council for induction of several DRDO developed systems. Some of the notable systems include: Sarang ESM system, Light Tank, Tactical Advance Range Augmentation

(TARA) kit, Long Range Guided Bomb (LRGB)-Gaurav, Naval Anti-Ship Missile-Medium Range (NASM-MR), Air surveillance radar for NGMV, Low Level Transportable Radar (LLTR) -Ashwini, New Generation Anti-radiation Missile (NGARM), Pralay, Guided Extended Range Rocket Ammunition for Pinaka, Self-Propelled Mine Burier, Infantry Combat Vehicle-Command, Anti-Personnel Fragmentation Mine 'Ulk', Infantry Floating Foot Bridge, Bridge Laying Tank (BLT) T-72 and ACADA.

- The DRDO Chairman added that Authority Holding Sealed Particulars (AHSP) of Army version of Akash Weapon System have been handed over to Missile Systems Quality Assurance Agency. Several major systems have either been completed or are in the final stages of user evaluation. These include Advanced Towed Artillery Gun System (ATAGS), Third Generation Helicopter Launch Anti-Tank Guided Missile 'Helina', NAMIS (Tracked) and 'Nag' Anti-Tank Guided Missile, Quick Reaction Surface to Air Missile, Medium Range Surface to Air Missile, Mechanical Mine Layer (self-propelled), 84 mm Anti-Thermal/Anti-Laser Smoke Grenade, HEPF and RHE (Enhanced) Rocket Ammunition for Pinaka MRLS, 125 mm FSAPDS, Air Defence Fire Control Radar 'Atulya', Weapon Locating Radar for Mountains, V/UHF Manpack Software Defined Radio, P-16 Heavy Drop System, Portable Diver Detection Sonar System, Advanced Light Weight Torpedo, and Sea Water Purification Kit for Gaganyan Mission.
- Dr Kamat stated that several systems are also undergoing developmental trials. These include Electronic Warfare Systems for Naval platforms under the programme Samudrika, Phase-II Ballistic Missile Defence Interceptor AD-1 Missile, extended range version of BrahMos from Su-30 aircraft, Very Short Range Air Defence System, Naval Anti-Ship Missile-Short Range, Agni Prime, Vertical Launch-Short Range Surface to Air Missile (VL-SRSAM), Akash-New Generation, Man-Portable Anti-Tank Guided Missile (MPATGM), Enhanced Range Pinaka Rocket System, High speed expendable Aerial Target 'Abhyas', Small Turbo Fan Engine, Kaveri Dry Engine WhAP-CBRN, Shatrughat and EW Systems for Plains and Desert Active Electronically Scanned Array Radar 'Uttam', Advanced Light Towed Array Sonar among others.





NCC Republic Day Camp 2023 Begins At Delhi Cantt

- NCC Republic Day Camp 2023 commenced at the Cariappa Parade Ground, Delhi Cantt on January 02, 2023. A total of **2,155** cadets, including **710 girls**, drawn from all 28 States and eight UTs, are participating in the nearly month-long camp, which will culminate with PM's rally on 28th January.
- It also includes 114 cadets from J&K and 120 cadets from the North-Eastern Region. The aim of the RD camp is to provide exposure to the rich culture and traditions of the country through important events that take place in the national capital in the run-up to the RD. In addition, the objective is to enhance the personality traits of the cadets and strengthen value system.
- During the camp, the cadets will participate in a number of activities, including cultural competitions, national integration awareness programmes and institutional training. A number of dignitaries, including the Vice President of India, Raksha Mantri, Raksha Rajya Mantri, Delhi Chief Minister, Chief of Defence Staff and the Service Chiefs will also pay a visit to the camp.
- Addressing the cadets during the commencement ceremony, DG NCC Lt Gen Gurbirpal Singh exhorted them to participate wholeheartedly in the camp and derive maximum benefits from each activity. He stated that the training philosophy has been refined to accommodate the evolving aspirations of the youth and the expectations of society. The focus is on personality development, leadership traits and improving the soft skills of the cadets to equip them for the future, he said.

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Cadets From 19 Friendly Countries To Participate In The NCC Republic Day Camp 2023

- The 74th National Cadet Corps (NCC) Republic Day Camp (RDC) 2023, which commenced at Cariappa Parade Ground in Delhi Cantt on January 02, 2023 will see participation of cadets and officers from 19 friendly countries as part of the youth exchange programme. A total of 2,155 cadets including 710 girls from all 28 States and 8 Union Territories are participating in the one month long Camp. This was stated by Director General NCC, Lt Gen Gurbirpal Singh, at a press conference in New Delhi on January 06, 2023.
- Speaking to the media persons, the DG NCC highlighted that Cadets and Officers participating in the RDC 2023 are from the 19 friendly countries includingUSA, UK, Argentina, Brazil, Mongolia, Russia, Kyrgyz Republic, Kazakhstan, Tajikistan, Uzbekistan, Nepal, Vietnam, Maldives, Mozambique, Mauritius, Seychelles, Sudan, New Zealand and Fiji. This is the highest participation of foreign cadets ever in any Republic Day camp.
- Out of 2155 cadets, 114 cadets are from J&K and Ladakh and 120 cadets hail come from North East Region (NER). With cadets drawn from all over the country, the camp portrays a reflection of 'Mini India'.
- Lt Gen Gurbirpal Singh said that Cadets attending the camp would participate in a number of activities like Cultural Competitions, National Integration Awareness Programmes and various Institutional Training Competitions. Two

NCC marching contingents will participate in the Republic Day Parade on 26 Jan 2023. This myriad and demanding set of activities would culminate with the PM's Rally on the evening of 28 Jan 2023, he added.



Raksha Mantri Dedicates To The Nation 28 BRO Infrastructure Projects

- Raksha Mantri Shri Rajnath Singh dedicated to the nation 28 infrastructure projects of Border Roads Organisation (BRO), worth Rs 724 crore, during an event organised at Siyom Bridge on Along-Yinkiong Road in Arunachal Pradesh on January 03, 2023. The projects comprise 22 bridges, including Siyom bridge; three roads and three other projects in seven border States/Union Territories of Northern & North-Eastern regions. Eight of these projects are in Ladakh; five in Arunachal Pradesh; four in Jammu & Kashmir; three each in Sikkim, Punjab & Uttarakhand and two in Rajasthan. In addition, three telemedicine nodes two in Ladakh & one in Mizoram were inaugurated.
- The Raksha Mantri, in his address, described the projects as a testament to the concerted efforts of the Government and the BRO towards the development of border areas in order to enhance the operational preparedness of the Armed Forces and ensure socio-economic development of the far-flung regions. He asserted that it is the top priority of the Government, led by Prime Minister Shri Narendra Modi, to connect the border areas and ensure the development of its residents.

- Shri Rajnath Singh emphasised that the aim is to build a strong and self-reliant 'New India' to effectively deal with future challenges which may arise due to the constantly-evolving global scenario. "The world is witnessing a number of conflicts today. India has always been against war. It is our policy. Recently, Prime Minister Shri Narendra Modi drew the world's attention to that resolve when he said 'this is not the era of war'. We do not believe in war, but if it is forced upon us, we will fight. We are ensuring that the Nation is protected from all threats. Our Armed Forces are ready and it is heartening to see that the BRO is walking shoulder-to-shoulder with them," he said.
- The Raksha Mantri further highlighted the crucial role played by the BRO in bolstering the country's security through infrastructure development in border areas. "Recently, our forces effectively countered the adversary in the Northern sector and dealt with the situation with bravery & promptness. This was made possible due to adequate infrastructural development in the region. This motivates us even more for the progress of far-flung areas," he said.
- Terming infrastructure development as a game changer for the people residing in border areas, Shri Rajnath Singh lauded the BRO for ensuring socio-economic development in far-flung regions. He stressed that the government is paying special attention to the development of the North-Eastern region, which has strengthened the country's security system. For the Organisation's relentless efforts to support the Armed Forces and the local people, Shri Rajnath Singh coined a new phrase "BRO is the nation's bro (brother)". Quoting a famous phrase 'It's not the destination, it's the journey', he said the construction of road infrastructure in border areas is a journey for BRO and a strong and prosperous India should be its destination.





134th Meeting of Offshore Security Co-ordination Committee

- The 134th meeting of the Offshore Security OSCC was held under the Chairmanship of Director General, Indian Coast Guard, V S Pathania at Varanasi on 04 January 2023. The participants reviewed the preparedness and effectiveness of the security of India's offshore installations.
- Shri Pathania highlighted the importance of offshore energy installations of the country and their security. He said that the possibility of assault by inimical forces cannot be ruled out, stressing the need to stay focused and be ready to take stringent offshore security measures at all times.
- He cautioned that as a forum, OSCC cannot afford to ignore any factor impinging on offshore security and all stakeholders have to maintain thorough preparedness to respond promptly with coordinated and concerted efforts.



SU-30MKI Squadron Leader Avni Chaturvedi 1st Woman Fighter Pilot To Lead Air Exercise With Japan

- The country's first woman fighter pilot, who leads a Sukhoi-30MKI squadron of the Indian Air Force (IAF), would be part of the Indian contingent that will feature in aerial wargames with Japan.
- SU-30MKI Squadron Leader Avni Chaturvedi will leave for Japan shortly to participate in the aerial wargames.

- While women fighter pilots have been part of aerial wargames in the country with foreign contingents, including the French air force, this would be the first instance of a woman air warrior leading an Indian fighter sqaudron on foreign soil.
- The exercise, titled 'Veer Guardian 2023', will be held from January 16 to January 26 at the Hyakuri Air Base and its surrounding airspace in Omitama, and the Iruma Air Base in Sayama, Japan.



Military Tattoo & Tribal Dance Festival to be held in New Delhi on 23rd & 24th January

- As part of the Republic Day Celebrations 2023 and to mark the 126th birth anniversary of Netaji Subhas Chandra Bose (celebrated as **Parakram Diwas**), a Military Tattoo & Tribal Dance Festival 'Aadi Shaurya - Parv Parakram Ka' will be held at Jawaharlal Nehru stadium, New Delhi on January 23 & 24, 2023.
- The programme comprises a Military Tattoo (Paramotor Gliding, Hot Air Balloon, Horse Show, Motor Cycle Display, Air Warrior Drill, Navy Band) and an hour of traditional dance performances (Khukhri Dance, Gatka, Mallakhamb, Kalaripaytu, Thangta) by tribal artists from across the country.
- The aim of the festival is to remember the sacrifices of the country's bravehearts and celebrate the rich cultural heritage which makes India so unique and diverse. The objective is to celebrate together the bravery of Netaji Subhas Chandra Bose; embrace the true spirit of India and renew the commitment to building a strong and prosperous 'New India'.



Indian Navy Signs Agreement For Autonomous Armed Boat Swarms

- In a major development, the Indian Navy has inked an agreement with Sagar Defence Engineering Pvt. Ltd for acquiring armed autonomous boat swarms under the 'SPRINT' initiative, which aims to promote development and usage of indigenous defence technologies by domestic companies.
- The task of development of this technology is one of the 75 challenges that have been introduced by the Indian Navy under Azadi ka Amrit Mahotsav last year.
- The initiative was unveiled by PM Modi during Naval Innovation and Indigenisation Organisation (NIIO) seminar 'Swavlamban' in New Delhi in July 2022. SPRINT Challenges aim to boost the usage of indigenous technology in Indian Navy.
- In an effort to fulfil the dream of achieving 'Atmanirbharta' in Defence and as part of India's 'Azadi ka Amrit Mahotsav' celebrations, NIIO, in conjunction with the Defence Innovation Organisation (DIO), aims to induct at least 75 new indigenous technologies/products into the Indian Navy. This collaborative initiative has been named SPRINT (Supporting Pole-Vaulting in R&D through Innovations for Defence Excellence (iDEX), NIIO and Technology Development Acceleration Cell (TDAC)}.
- "We have to work to continuously increase the number of indigenous technologies. Your goal should be that when India celebrates 100 years of its

independence, at that time our Navy should be at an unprecedented height", PM Modi has said while launching the initiative.

• Earlier, in March 2022, the Indian Navy had also signed an MoU for knowledge partnership with BharatShakti.in, and the Society for Indigenous Defence Manufacturing (SIDM), as a significant step towards encouraging innovation among young minds and encouraging self-reliance in defence in the country.





Captain Shiva Chauhan Becomes The 1st Women Officer To Be Operationally Deployed In Siachen

- Captain Shiva Chauhan from the Corps of Engineers has been posted at a frontline post in Siachen Glacier, in first such operational deployment of a woman Army officer at the world's highest battlefield.
- The officer was posted at the Kumar post, located at an altitude of around 15,600 feet in Siachen, for a three-month stint after she underwent rigorous training. The training included endurance training, ice wall climbing, avalanche and crevasse rescue and survival drills.
- The Siachen glacier lies in the Karakoram Range. It is 75 km (47 miles) long, which makes it the second longest nonpolar glacier in the world, after Fedchenko Glacier in Tajikistan.



Strategic Significance of Siachen Glacier

- The Siachen Glacier is the highest battleground on earth, where India and Pakistan have fought intermittently since 1984. The Glacier is of strategic significance for India namely;
- The Glacier guards the routes which lead to Leh, the capital of Ladakh.
- Secondly the Saltoro Ridge overlooks the area of Gilgit–Baltistan of Pakistan Occupied Kashmir.
- Thirdly, it overlooks and dominates the Shaksgam Valley, which was illegally ceded to China by Pakistan.
- Fourthly, it is close to the Karakoram Pass through which the Karakoram Highway passes connecting Gilgit-Baltistan to Xinjiang Province of China.
- Due to its strategic significance both countries maintain a permanent military presence in the region at a height of over 6,000 metres (20,000 feet).
- More than 2,000 soldiers have died in this inhospitable terrain, mostly due to weather extremes and the natural hazards of mountain warfare.



REVIEW QUESTIONS

- 1. Parakram Diwas Is Observed On
- A. 22 January
- B. 23 January
- C. 24 January

D. 26 January

ANSWER: B

- 2. __1st Woman Fighter Pilot To Lead Air Exercise With Japan In Veer Guardian Exercise 2023.
- A. Flying Lt. Shivangi Singh
- B. Squadron Leader Avni Chaturvedi
- C. Squadron Leader Bhavna Kanth
- D. None

ANSWER: B

- 3. Indian Navy Has Inked An Agreement With ____ For Acquiring Armed Autonomous Boat Swarms.
- A. Cosmos
- B. JAXA
- C. Sagar Defence Engineering Pvt. Ltd
- D. D<mark>RD</mark>O

ANSWER: C

- 4. <u>Assumes Command Of IAF's Western Air Command.</u>
- A. Air Marshal Pankaj Mohan Sinha
- B. Air Marshal S Prabhakaran
- C. Air Marshal Mohan Singh
- D. None

ANSWER: A

- 5. DRDO Celebrates Its __ Foundation Day On 2023.
- A. 65th
- B. 66th
- C. 67th
- D. 68th

ANSWER: A

6. DRDO Headquarters Is

- A. Chennai
- B. Bengaluru
- C. New Delhi
- D. None of the above

ANSWER: C

7. ATAGS Stands For

- A. Advanced Towed Artillery Gum System
- B. Advanced Towed Army Gun System
- C. Advanced Towed Artillery Gun System
- D. None of the above **ANSWER: C**
- 8. 'CAPF Punarvaas' Scheme Launched By Which Ministry?
- A. MHA
- B. MOD
- C. MEA
- D. PMO

ANSWER: A

- 9. The 134th Meeting Of The Offshore Security Co-ordination Committee (OSCC) Was Held At
- A. Chennai
- B. Bengaluru
- C. New Delhi
- D. Varanasi ANSWER: D

10. Current Director General Of the Indian Coast Guard Is

- A. V R Chaudhary
- B. M M Naravane
- C. R Hari Kumar
- D. V S Pathania ANSWER: D

11. The 17th Pravasi Bharatiya Divas Convention Is Being Organized In

- A. Mumbai
- B. Kochi
- C. Chennai
- D. Indore

ANSWER: D

12. The Theme Of This 'PBD' 2023 Convention Is

- A. Diaspora: Reliable partners for India's progress in Amrit Kaal
- B. Connect
- C. Always Ahead on right path
- D. None of the above **ANSWER: A**
- 13. Keel Laying Of The Two Warships (Yard 3033 & Yard 3036) of the (ASW SWC) Project Under Construction By
- A. GRSE
- B. MDL
- C. HSL
- D. CSL

ANSWER: A

14. Bridgetown Is The Capital Of

- A. Barbados
- B. Belmopan
- C. UAE
- D. Maldives
 - **ANSWER: A**

15. "Ambedkar: A Life" Book Is Written By

- A. Shashi Tharoor
- B. Sitaram Yechuri
- C. Hew Strachan
- D. APJ Abdul Kalam

ANSWER: A

16. INS Vikramaditya Is A Modified _____Aircraft Carrier.

- A. Kiev-Class
- B. Surya- Class
- C. Kalashnikov-Class
- D. None

ANSWER: A

17. Motto of DSSC Is

A. To War with Wisdom

- B. Valour and Courage
- C. Fight With Determination
- D. None of the above **ANSWER: A**

18. OPEC Hq Is In

- A. Budapest, Hungary
- B. New York, USA
- C. Luanda, Angola
- D. Vienna, Austria

ANSWER: D

19. AUKUS Stands For

- A. Azerbaijan, the United Kingdom, & the United States
- B. Australia, the United Kingdom, & the United States
- C. Australia, the United Kingdom, & Uganda
- D. Argentina, the United Kingdom, & the United States
 - ANSWER: B

20. Captain Rank of Indian Navy Equivalent to Which rank of IAF?

- A. Flying Officer
- B. Flight Lieutenant
- C. Group Captain
- D. None

ANSWER: C



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