

07th October 2024

Indigenous defence innovations for self-reliance: Raksha Mantri Shri Rajnath Singh to inaugurate DefConnect 4.0

Raksha Mantri Shri Rajnath Singh inaugurated DefConnect 4.0 at Manekshaw Centre, Delhi Cantt, a significant step towards advancing Indigenous innovation and celebrating the growing defense ecosystem of the country.



Key Points

- ❖ The event is being organized by Innovations for Defence Excellence - Defence Innovation Organisation (iDEX-DIO), under Department of Defence Production, Ministry of Defence.
- ❖ Till date, iDEX has launched 11 editions of Defence India Start-up Challenges, and has garnered over 9,000 applications. It is currently collaborating with more than 450 start-ups/MSMEs on important projects.
- ❖ Launched by Prime Minister Shri Narendra Modi in 2018, iDEX continues to provide a unified platform for various stakeholders in the defense and aerospace sectors, contributing to the vision of Viksit Bharat by 2047.

Union Minister Jitendra Singh announced that ₹1,000 crore has been allocated for a venture fund dedicated to space startups.

Recently Rupees 1,000 crore has been earmarked for Venture Fund to Space StartUps.



Key Points

- ❖ New India Space Limited (NISL) was a new PSU established, IN-SPaCE India was established as the interface with the private sector.
- ❖ India's first private Rocket, Vikram-S.

About Vikram-S

- ❖ A sub-orbital rocket from India's spaceport the Satish Dhawan Space Centre, Sriharikota.
- ❖ VKS is a single-stage solid fuelled rocket, built using advanced technologies including carbon composite structures and 3D-printed components.
- ❖ Skyroot will launch its maiden rocket under the launch mission, 'PRARAMBH', which was unveiled by ISRO Chairman, Dr. S. Somanath in Bangalore.
- ❖ Agnibaan SOrTeD, India's first semi-cryogenic engine powered launch and India's second private rocket, was developed in Tamil Nadu by a Chennai headquartered space start-up.

During the 92nd anniversary celebrations, IAF pilots colored the Chennai skies blue.

As the Indian Air Force approaches its 92nd Anniversary on 06 October 2024, a breathtaking air show



captivated an audience which turned up in large numbers and is likely to cross an estimated figure of 15 lakhs at one of the world's longest beaches, Marina Beach, Chennai.

Key Points

- ❖ The theme for this year, Sashakt, Saksham, Atmanirbhar (Potent, Powerful, Self-reliant), was vividly reflected in the IAF's display of strength and skill.
- ❖ The air show showcased the indomitable strength and spirit of the Indian Air Force, resonating with its motto, "Touch the Sky with Glory."
- ❖ Indian Air Force Day is celebrated every year to honour the foundation of the IAF, which was established on October 8, 1932. This day was initially conceptualized under British rule as the Royal Indian Air Force, the IAF became an integral part of India's defence forces, especially during World War II.

Union Minister of State for Coal and Mines, Shri Satish Chandra Dubey, honored the winners of the hackathon on "Coal Gasification."

Union Minister of State for Coal and Mines, Shri Satish Chandra Dubey, felicitated the winners of Hackathon on "Coal Gasification" organized by CMPDI, during his visit to CMPDI, Ranchi.

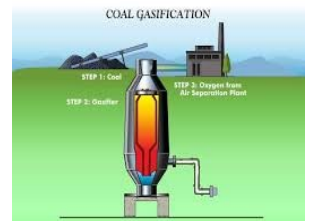


Key Points

- ❖ CMPDI organized a Hackathon on "Coal Gasification" on 6 problem statements to harness vital natural resources to meet the energy and chemical needs of the nation, fostering economic independence and environmental sustainability.

About Coal Gasification

- ❖ Coal gasification is a process in which coal is partially oxidized with air, oxygen, steam or carbon dioxide to form a fuel gas. This gas is then used instead of piped natural gas, methane and others for deriving energy.



- ❖ In-situ gasification of coal – or Underground Coal Gasification (UCG) – is the technique of converting coal into gas while it is still in the seam and then extracting it through wells.

PM Narendra Modi inaugurates Banjara Virasat Museum in Pohardevi in Maharashtra

Prime Minister Narendra Modi inaugurated the Banjara Museum in Washim, Maharashtra.



Key Points

- ❖ During his visit to Maharashtra he visited Washim and Thane. At Washim, the Prime Minister launched several initiatives related to the agricultural and farming sector worth Rs 23,300 crore.
- ❖ During his visit to Thane, he inaugurated and laid the foundation stone for various infrastructure projects.

About Banjara Museum

- ❖ PM Modi inaugurated the Banjara Virasat Museum in Poharadevi at Washim in Maharashtra. The four-storey museum displays the rich heritage of the Banjara community and their legacies. It tells the story of the Banjara community's history and

legacies through the portraits of Banjara leaders and the Banjara movement.

- ❖ Prime Minister Modi also paid floral tribute to the memorials of Banjara leaders Sant Sevalal Maharaj and Sant Ramrao Maharaj.
- ❖ He also played the Nangara, a key musical instrument of the Banjara culture.

Mumbai wins the 2024-25 Irani Trophy

Mumbai won the 2024-25 season Irani Cup under its first-innings lead over the Rest of India. Mumbai won the trophy after 27 years, having won it in the 1997/98 season.



Key Points

- ❖ This was the 16th Irani Cup title for the current Ranji Champion, Mumbai.
- ❖ The Irani Cup is a first-class domestic cricket tournament held at the Bharat Ratna Atal Bihari Vajpayee Eakana Stadium in Lucknow.

About Irani Cup

- ❖ The Board of Control for Cricket in India (BCCI) instituted the ZR Irani Cup (popularly known as Irani Cup) in memory of its long-time Treasurer and President Zal R Irani.

- ❖ It is a first-class match between the Ranji Trophy Champion and the Rest of India teams.
- ❖ The first Irani Cup was held in the 1959-60 season and was won by Mumbai (then Bombay) due to its first-inning lead.
- ❖ The Rest of India is the most successful team in the Irani Cup's history, having won it 26 times out of the 61 finals it has played.
- ❖ Mumbai has won it 16 times (shared once and 15 wins).

News Shorts

- ❖ Team India won the team silver medal in the U-18 women's category at the 2024 Asian Youth Archery Championship held in Taiwan.
- ❖ Director Rajkumar Hirani will receive the Kishore Kumar Samman from the Madhya Pradesh government for the year 2023.
- ❖ Prakash Man Singh Raut is appointed as the new Chief Justice of Nepal.
- ❖ The Supreme Court of India questioned the legality and validity of the powers exercised by Delhi's Lieutenant Governor (L-G), under Section 487 of the Delhi Municipal Corporation (DMC) Act, 1957.
- ❖ The Tamil Nadu government is set to build a memorial for social reformer Periyar E.V. Ramasamy in Arookutty, Kerala, where he was imprisoned during the Vaikom Satyagraha.
- ❖ The Union Cabinet approved India joining the International Energy Efficiency Hub.
- ❖ President Droupadi Murmu presided over the Rajasthan government's first Adi Gaurav Samman Samaroh at Mangarh Dham, Banswara, Rajasthan, on 4 October 2024. The Rajasthan Governor Haribhau Bagade, Chief Minister Bhajan Lal Sharma, state government ministers and other dignitaries were present on the occasion.
- ❖ India has become the fourth country in the world, after China, Switzerland, and Japan, with a foreign exchange (forex) reserve of more than \$700 billion. The Indian foreign exchange has been increasing for the past seven consecutive weeks due to valuation gains and the Reserve Bank of India's continuous purchase of the US dollar from the market.

Important Daily Current Affairs Question

1. What is the name of India's first private rocket?

- (a) Gaganyaan
- (b) Pinaki
- (c) Aditya L1
- (d) Vikram-S

Answer- D

2. What is the theme for the Indian Air Force's 92nd Anniversary celebration?

- (a) Unity in Diversity
- (b) Sashakt, Saksham, Atmanirbhar (Potent, Powerful, Self-reliant)
- (c) Service Before Self
- (d) Power and Precision

Answer- B

