

Top 10 Current Affairs Questions of Today - December 18, 2024

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Our daily current affairs are perfect for busy people who want to stay up-to-date on the latest events. They are short, engaging, and easy to understand, and they cover a wide range of topics, from politics and business to sports and entertainment.

Today's blog will be on the current affairs of 18th December 2024. So, check out the current affairs and stay up-to-date. You can download PDF also for current affairs today.

Let's check this news about (CE20 Cryogenic Engine) Then, we will move ahead.

Sea level hot test of CE20 Cryogenic Engine

The Sea level hot test of CE20 Cryogenic Engine was recently carried out by the Indian Space Research Organisation (ISRO). It is an indigenous engine developed by Liquid Propulsion Systems Centre of ISRO and it features an innovative Nozzle Protection System. The engine has recently been qualified for Ganaganyaan Mission with a thrust level of 20 tonnes.

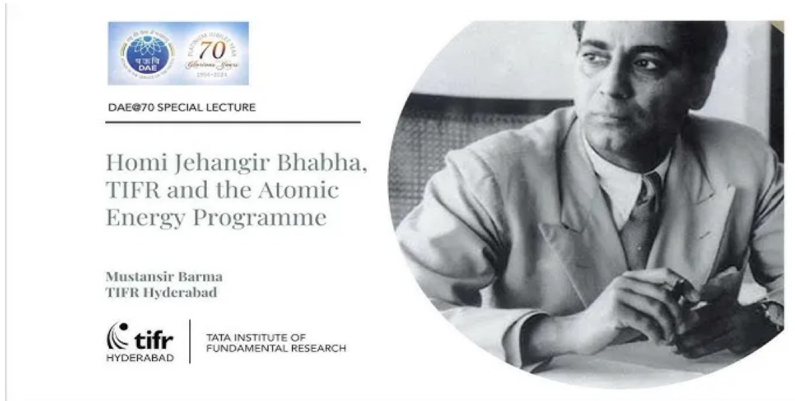


[Image Source: Mint]

DAE-Homi Bhabha Chairman Scheme

DAE-Homi Bhabha Chairman Scheme was recently in news after Union Minister Shri Jitendra Singh gave a written reply in Rajya Sabha about the scheme. The Scheme is aimed at providing recognition and honorarium of 20 lakh to distinguished Scientists/Professors to carry out research and development work. The scheme is administered by the Department of Atomic Energy (DAE).

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[Image Source: Wikipedia]

4 SAMARTH centres established

The Ministry of Heavy Industries (MHI) has recently set up 4 Smart Advanced Manufacturing and Rapid Transformation Hub (SAMARTH) Centres under the SAMARTH UDYOG BHARAT 4.0 Initiative. The 4 centres are namely Centre for Industry 4.0 (C4i4) Lab, Pune; IITD-AIA Foundation for Smart Manufacturing, IIT Delhi; I-4.0 India @IISc, Bengaluru and Smart Manufacturing Demo and Development cell, CMTI, Bengaluru. The centres have been established under the scheme on Enhancement of Competitiveness in the Indian Capital Goods Sector.



[Image Source: India Today]

Dulcibella Camanchaca discovered in Atacama Trench

A new predatory Amphipod species namely Dulcibella Camanchaca was recently discovered by Researchers from the University of Concepcion in Chile and the Woods Hole Oceanographic Institution in the US. The species was discovered 7902 meters in the Atacama Trench and has been classified within the Eusiridae family. The Atacama Trench lies along the eastern South Pacific Ocean and it is a part of the hadal zone.

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[Image Source: Wikipedia]

No Indian City under Global Average pollution levels

As per a study published in Lancet Planet Health, no Indian City meets WHO Air Quality Standards. The report states that No area in India meets PM 2.5 pollution of 5 micrograms per cubic meter air levels recommended by WHO and 81.9% population living in areas exceeding India's National Ambient Air Quality Standards (NAAQS) of 40 micrograms per cubic meter air. WHO revised the Air Quality Guidelines in September 2021.

Fourteen out of the world's most-polluted 20 cities are in India

City	*PM2.5	City	*PM2.5
Kanpur	173	Gurgaon	113
Faridabad	172	Jaipur	105
Varanasi	151	Patiala	101
Gaya	149	Jodhpur	98
Patna	144	Baoding	93
Delhi	143	Ulaanbaatar	92
Lucknow	138	Hengshui	87
Agra	131	Xingtai	87
Muzaffarpur	120	Anyang	86
Srinagar	113	Liaocheng	86

[Image Source: Mint]

White Winged Wood Duck spotted in Neelmoni Beel

The White Winged Wood Duck also known as Deo Hanh in Assamese was recently spotted in Neelmoni Beel Artificial pond located at Nameri Tiger Reserve (NTR). Its scientific name is Asarcornis Scutulata and the duck is limited to Assam and Arunachal Pradesh. Its IUCN Conservation status is Critically endangered and it mostly resides in dense Tropical evergreen forests.

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[Image Source: Wikipedia]

Detailed 3D images of Foetal Brain

Highly detailed 3D images of Foetal Brain named Dharani was recently released by Indian Institute of Technology-Madras (IIT-M). Dharani is the largest publicly accessible digital dataset of the human foetal brain and it provides detailed insights into brain development from the second trimester of the foetus. Over 500 brain regions have been identified making it a complete Atlas of the Human Brain. The research could help discover new insights into neonatal Brain Health.



[Image Source: Wikipedia]

Five new species of Darwin Wasp discovered

Researchers from ATREE have recently discovered 5 new species of the Darwin Wasp subfamily Microleptinae from India and Thailand. Out of 6 4 species have been discovered from India namely Microleptes Chiani, Microleptes Gowrishankari, Microleptes Sandeshkaduri and Microleptes Tehriensis. Wasps are parasitoids parasitizing insect groups mainly Lepidoptera, Coleoptera and Hymenoptera.

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[Image Source: Wikipedia]

Santa Ana winds leading to wildfires in Malibu Coastal town

The Santa Ana winds named after Southern California's Santa Ana Canyon are leading to wildfires in Malibu Coastal Town of California. They are dry and warm winds that blow when high pressure builds over Great Britain. They usually occur from October to January.



[Image Source: BBC News]

Mumbai wins Syed Mushtaq Ali Trophy 2024

Mumbai recently defeated Madhya Pradesh to win the Syed Mushtaq Ali Trophy 2024. The final was held at M. Chinnaswamy Stadium, Bengaluru. Suryansh Shedge was declared as the Man of the Match while Ajinkya Rahane was declared as the Player of the Series.



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[Image Source: India Today]

comment below your score, considering each question has 1 mark only. If you scored 8 to 10, congratulations! You are one step closer to selection. If you have scored 5 to 8 marks, then you are doing well, keep it up. If you have scored less than 5 marks then you need to work a little harder on this subject. But don't worry, we are here to help you master the subject.

Keep trying! We will meet again with another set of questions in daily current affairs quiz.

