

03RD January 2024

M.P. Special

31st National Children's Science Congress



Chief Minister Dr. Mohan Yadav inaugurated the 31st National Children's Science Congress at Ravindra Bhawan, Bhopal.

Key Point

- ❖ The event, which will be held from 3 to 6 January 2025, aims to encourage scientific thinking among children and motivate them to contribute to science, innovation, and technology.
- ❖ More than 700 students from the country, their teachers, and mentors will participate in the National Children's Science Congress. Students from Gulf countries like Bahrain, the United Arab Emirates, Kuwait, Oman, and Saudi Arabia will also participate.
- ❖ This year, the main theme of the National Children's Science Congress is 'Understanding Ecosystems for Health and Well-being'.
- ❖ The theme is further divided into five sub-themes, including an understanding of ecosystems, promotion of nutrition and health, ecological approaches for self-reliance, technological innovations, and socio-cultural practices.

About National Children's Science Congress

- ❖ The National Children's Science Congress is a national science communication programme initiated in 1993.
- ❖ It is organized by the National Council for Science and Technology Communication under the Department of Science and Technology, Government of India.
- ❖ Children in the age group of 10 to 17 years participate in it.

E-office system



Chief Minister Dr. Mohan Yadav inaugurated the e-office implementation system at Samatva Bhawan (Chief Minister's residence) on 1st January 2025.

Key Point

- ❖ The e-office system will provide significant relief to the general public. Starting January 1, 2025.
- ❖ All departmental files will be managed digitally through the e-office system, replacing the traditional file system.
- ❖ To ensure a smooth transition, officers and employees from various departments have been trained in using the new system. Departments are working diligently to implement e-office across all sectors as soon as possible, aiming for enhanced efficiency and streamlined operations.
- ❖ Chief Minister Dr. Yadav has congratulated and wished the officers and staff of the concerned departments for the launch of e-office system.

Science and Technology

100th mission of the Geosynchronous Satellite Launch Vehicle (GSLV)



ISRO is set to launch the NVS-02 satellite in January 2025, marking the 100th mission of the Geosynchronous Satellite Launch Vehicle (GSLV).

Key point

- ❖ NVS-02 is part of the Indian Regional Navigation Satellite System (IRNSS), also known as NavIC, which provides accurate position information services to users in India and the surrounding region.
- ❖ The satellite will enhance the capabilities of NavIC by providing signals in the L1, L5, and S bands, improving accuracy and coverage.

- ❖ NVS-02 follows the successful launch of NVS-01 in May 2023, which was the first in the second generation of navigation satellites and featured an indigenous atomic clock.
- ❖ The GSLV Mk II is a three-stage launch vehicle developed by ISRO, capable of placing satellites into geosynchronous transfer orbits; the upcoming launch will be its 100th mission, marking a significant milestone for India's space program.

About GSLV

- ❖ The **Geosynchronous Satellite Launch Vehicle (GSLV)** is a three-stage launch vehicle designed to place satellites into geosynchronous orbits, where they can remain stationary relative to a fixed point on the earth's surface.
- ❖ This Satellite Launch Vehicle was first launched in 2001. Despite some initial failures, the GSLV has established itself as a reliable launch vehicle. Furthermore, ISRO is developing the GSLV in two different iterations.
- ❖ The GSLV Mk-II, the first version, can launch satellites with a lift-off mass of up to 2,500 kg to the GTO and up to 5,000 kg to the LEO. T
- ❖ he GSLV MK-II is a three-staged vehicle. Its foremost stage contains a solid rocket motor. Whereas the second stage contains liquid fuel, and the last one (also known as the Cryogenic Upper Stage) consists of a cryogenic engine.



Scheme

PM Fasal Bima Yojana




The Union Cabinet has approved the continuation of the PM Fasal Bima Yojana and Restructured Weather Based Crop Insurance Scheme till 2025-26.

Key Point

- ❖ Pradhan Mantri Fasal Bima Yojana was Launched in 2016,
- ❖ The Pradhan Mantri Fasal Bima Yojana (PMFBY) is a large-scale crop subsidy insurance scheme that was aimed to safeguard farmers.
- ❖ PMFBY scheme was designed in line with the One Nation-One Scheme and replaces three older initiatives:
 - Modified National Agricultural Insurance Scheme (MNAIS),
 - Weather-based Crop Insurance Scheme and
 - National Agricultural Insurance Scheme (NAIS).
- ❖ The PM Fasal Bima Yojana operates under the 'One Nation, One Crop, One Premium' motto and aims to achieve the following goals:
 - Offer cost-effective and extensive insurance coverage for crops, guarding against failure, damage, and losses.
 - Increase the reach of crop insurance, with a primary emphasis on covering the entire cultivated area.
 - Maintain stable income for farmers while promoting sustainability in agricultural production.
 - Facilitate access to credit for the agriculture sector.
 - Encourage the adoption of innovative and modern farming practices among farmers.

	<ul style="list-style-type: none"> ➤ Foster competition within the agricultural industry. ➤ Shield farmers from risks associated with production. ➤ Provide farmers with exemptions from goods and services tax (GST). <p>❖ The scheme is being administered by the Department of Agriculture, Cooperation and Farmers' Welfare under the Ministry of Agriculture, along with empanelled general insurance companies.</p>
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Person in News

<p style="text-align: center;">Vitul Kumar</p> 	<p>Vitul Kumar, a 1993 batch IPS officer from Uttar Pradesh, is appointed Acting Director General of the CRPF after Anish Dayal Singh's retirement.</p> <p>Key point</p> <ul style="list-style-type: none"> ❖ He has held key positions in the CRPF, progressing from Deputy Inspector General in 2009 to Special Director General in 2023. ❖ Kumar's awards include the President's Police Medal (2021) and Police Medal (2009).
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Miscellaneous

<p style="text-align: center;">Sichuan</p> 	<p>China launched the World's Largest amphibious assault ship "Sichuan" at a shipyard in Shanghai, China.</p> <p>Key point</p> <ul style="list-style-type: none"> ❖ It is equipped with an electromagnetic catapult for fighter jets to enhance naval combat capabilities in distant seas. ❖ The Sichuan, the first ship of the Type 076 class with a displacement of 40,000 tons, is designed to deploy ground troops in landing crafts and offer them air support.
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- ❖ China also launched its first icebreaker ship 'Tan Suo San Hao' for scientific and archaeological research.
- ❖ The Sichuan, the first Yulan-class landing helicopter assault (LHA), is developed by Chinese researchers and equipped with "arrestor" technology, which allows fighter jets to land on its deck.
- ❖ The only warship in operational service that employs Electromagnetic Aircraft Launch System(EMALS) is the United States(US) Navy carrier USS Gerald R. Ford.

Short News

- ❖ The Associated Chambers of Commerce and Industry of India (ASSOCHAM) has announced the appointment of Manish Singhal as the new Secretary General of ASSOCHAM, who has over 35 years of experience.
- ❖ Bhuvnesh Kumar an IAS officer of the UP cadre of the 1995 batch took over as CEO of UIDAI on 1st January, 2025.
- ❖ Mumbai(Maharashtra) based Aditya Birla Capital Limited(ABCL) has become the first Banking, Financial Services, and Insurance(BFSI) company to offer all three core financial services lending, insurance, and Mutual Fund(MF) investments on the Open Network for Digital Commerce (ONDC) platform.
- ❖ Switzerland enforces a ban on facial coverings, including burqas and niqabs, in public places from January 1, 2025, with fines up to CHF 1,000 (\$1,143) for violations.
- ❖ From January 1, 2025, Russia implemented a new tourist tax, replacing the earlier resort fee, to enhance regional tourism infrastructure.
- ❖ On the 1st of January 2025, Air Marshal Jeetendra Mishra was appointed as the Chief of the Western Air Command of the Indian Air Force .

Important Daily Current Affairs Question

1. Which of the following missions marks the 100th mission of the Geosynchronous Satellite Launch Vehicle (GSLV)?

- A. Aditya L1
- B. Mangalyaan -02
- C. NVS-02
- D. Chandrayaan-4

Answer-C

2. The 31st National Children's Science Congress was inaugurated in which of the following places?

- A. Bhopal
- B. Indore
- C. Mumbai
- D. Surat

Answer- A

