

9th August 2024

Neeraj Chopra wins India's first silver medal of Paris Olympics in men's javelin

Neeraj Chopra missed the chance to defend his Olympic gold on Friday and settled for silver with a best throw of **89.45 meters** in the men's javelin final at the Paris Olympics.



Key Points

- ❖ Pakistan's Nadeem Arshad, who finished 5th at the Tokyo Olympics, clinched gold with a monstrous throw of **92.97 meters**, setting a new Olympic record.
- ❖ This achievement places Neeraj in an elite group of Indian athletes who have won multiple individual medals at the Olympics. Before him, only Sushil Kumar (Wrestling) and P.V. Sindhu (Badminton) had managed to win medals in back-to-back Olympic Games.
- ❖ Neeraj is also the fifth Indian to win multiple individual medals at the Olympics, joining the ranks of Norman Pritchard, Sushil Kumar, P.V. Sindhu, and Manu Bhaker.

India's men's hockey team wins bronze

The Indian hockey team has done the unthinkable and has bagged third place, winning India's fourth **bronze medal** at the Paris Olympics.



Key Points

- ❖ The Indian hockey team has claimed a bronze medal at the Paris Olympics after defeating Spain 2-1.
- ❖ It was captain Harmanpreet Singh who led from the front handing India a 2-1 lead after they were trailing 0-1 at one point.
- ❖ India not only secured the bronze medal in men's hockey but also achieved back-to-back Olympic podium finishes for the first time since 1972.
- ❖ This historic achievement follows the team's thrilling comeback in Tokyo three years earlier, where they overcame a 1-3 deficit to win 5-4 and claim the third position.
- ❖ This medal is India hockey team's 13th in history,
- ❖ This is only India's fourth medal at the Paris Olympics, all of them have been bronze.

ISRO To Launch Earth Observation Satellite Through SSLV This Independence Day

The Indian Space Research Organisation, ISRO will celebrate this Independence Day in space by launching an Earth Observation Satellite into orbit.



Key points

- ❖ The Small Satellite Launch Vehicle will be used to launch the satellite on August 15th at 9.17 am from Sriharikota.
- ❖ The Small launch vehicle developed by ISRO can be produced at low cost, has low turnaround time, can accommodate multiple micro satellites and can be launched on demand in less time with minimal infrastructure requirements.
- ❖ It can carry a 500 kg satellite to a 500 kms orbit. Once the demonstration flight is successful, it will be transferred to the private sector for production.
- ❖ Unlike the PSLV and GSLV, the SSLV can be assembled both vertically and horizontally.
- ❖ Objective: to commercially launch small satellites at a lower price and higher launch rate as compared to PSLV.
- ❖ Propulsion System: The first three stages of the vehicle will use a solid propellant, with a fourth stage being a velocity-trimming module.

Launch Vehicles

- ❖ Launchers or Launch Vehicles are used to carry spacecraft to space. India has two operational launchers: Polar Satellite Launch Vehicle (PSLV) and Geosynchronous Satellite Launch Vehicle (GSLV).

In India there are 4 generations of launch vehicles:

- ❖ 1st Generation: Satellite launch vehicles.
- ❖ 2nd generation: Augmented satellite launch vehicle
- ❖ 3rd generation: Polar satellite launch vehicle(PSLV)
- ❖ 4th Generation: Geosynchronous satellite launch vehicle(GSLV)

Repo Rate Remains Unchanged For Ninth Consecutive Time

The Reserve Bank of India (RBI) announced that it will maintain the repo rate at 6.5%, marking the ninth consecutive time the central bank has kept the key interest rate unchanged



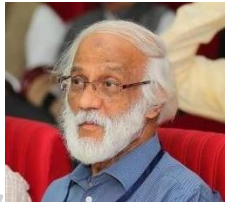
Key point

- ❖ The standing deposit facility rate remains at 6.25% and the marginal standing facility rate and the bank rate at 6.75%.

- ❖ The central bank remains committed to bringing inflation down to its 4% target, balancing this goal with the need to support economic recovery.
- ❖ Repo rate refers to the rate at which commercial banks borrow money by selling their securities to the Central Bank of our country i.e. Reserve Bank of India (RBI) to maintain liquidity, in case of shortage of funds or due to some statutory measures.

Rashtriya Vigyan Puraskar

Government has announced the recipients of the prestigious Rashtriya Vigyan Puraskar, a high honor recognizing exceptional contributions in the fields of science, technology, and innovation.



Key Points

- ❖ The ISRO-Chandrayaan 3 team has been awarded the Vigyan Team Award for their significant contributions to space science and technology, further cementing India's position in the global space arena.
- ❖ Professor G. Padmanabhan, the former Director of the Indian Institute of Science, has been selected for the Vigyan Ratna Award in biological sciences.
- ❖ The award ceremony for all categories will be held on August 23rd, coinciding with the celebration of National Space Day

India's Missions on Moon

- ❖ Chandrayaan-1, India's first mission to Moon, was launched successfully on October 22, 2008 from SDSC SHAR, Sriharikota.
- ❖ The Chandrayaan-2 mission was successfully launched on 22nd July 2019 by GSLV MkIII-M1 from Satish Dhawan Space Centre.
- ❖ Chandrayaan-3 spacecraft was successfully launched onboard LVM-3 on 14th July, 2023 at 14:35 hrs from the Satish Dhawan Space Centre, SHAR
- ❖ Chandrayaan-3 Lift off mass is nearly 3896 kg and the mission life of Lander and Rover is approximately one Lunar Day which is equivalent to 14 earth days. The planned landing site for lander is ~ 690S, South Pole.
- ❖ India has made history as its Moon mission becomes the first to land in the lunar south pole region.
- ❖ With this, India joins an elite club of countries to achieve a soft landing on the Moon, after the US, the former Soviet Union and China

Invest Madhya Pradesh Road-show

The third interactive session is organized in Bengaluru, a major industrial center of Karnataka, famous as the Silicon Valley of India.



Key points

- ❖ Chief Minister Dr. Mohan Yadav will interact with prominent industrialists working in the Information Technology (IT), Information Technology Enabled Services (ITES), Electronics System Design and Manufacturing (ESDM), Textile and Garment, Aerospace and Defence, Automobile and OEM, pharmaceuticals, healthcare and medical device sectors.
- ❖ Chief Minister Dr. Yadav assured the industrialists and investors that all the requirements and facilities of a Tier-1 city like Bengaluru will be developed in various cities of the state of Madhya Pradesh.
- ❖ Chief Minister Dr. Mohan Yadav said that every possible assistance and facility will be provided to establish and develop Global Capability Centers (GCC) in the state.

Chhattisgarh to have country's third largest tiger reserve

The Chhattisgarh government decided to declare a new tiger reserve covering areas of Guru Ghasidas National Park and Tamor Pingla Wildlife Sanctuary.



Key point

- ❖ This will be the fourth tiger reserve in the state after Indravati (in Bijapur district), Udanti-Sitanadi (Gariaband) and Achanakmar (Mungeli).
- ❖ The National Tiger Conservation Authority (NTCA) had given its in-principle approval to the project in 2014.
- ❖ Guru Ghasidas-Tamor Pingla tiger reserve will be the country's third largest tiger reserve spread over 2,829.387 sq km.
- ❖ Nagarjunasagar Srisailem tiger reserve in Andhra Pradesh is India's largest such reserve with an area of 3,296.31 sq km, followed by Assam's Manas tiger reserve, spread over 2,837.1 sq km

Tiger Reserves	State	Year	Area
Madhya Pradesh	Satpura Tiger Reserve	1999-2000	2133.3
	Sanjay-Dubri Tiger Reserve	2008-2009	1674.5
	Pench Tiger Reserve	1992-1993	1179.63
	Panna Tiger Reserve	1993-1994	1598.1
	Kanha Tiger Reserve	1973-1974	2051.79
	Bandhavgarh Tiger Reserve	1993-1994	1536.93
	Veerangana Durgavati Tiger Reserve	2023	1414.006

Short News

- ❖ India's installed renewable energy capacity has increased by 165 per cent over the past decade, rising from 76.38 Gigawatts (GW) in 2014 to 203.1 GW in 2024.
- ❖ Former West Bengal Chief Minister and veteran Communist leader **Buddhadeb Bhattacharjee** passed away.
- ❖ Jharkhand Chief Minister Hemant Soren launched 'Upasthiti (attendance) Portal' to ensure daily attendance of doctors, para-medical staff and others employees under the state health department.
- ❖ The Indian Army has conducted a strategic military exercise, 'Parvat Prahaar', in Ladakh.
- ❖ At 15, Bengaluru-born Shreyas Royal is the youngest British grandmaster

Important Daily Current Affairs Question

1. Which of the following statements is incorrect about the Small Satellite Launched Vehicle?

- (a) It can carry a 500 kg satellite to a 500 kms orbit.
- (b) SSLV can be assembled only vertically.
- (c) The first three stages of the vehicle will use a solid propellant.
- (d) Small Satellite Launch Vehicle developed by ISRO.

Answer – (b)

2. Which of the following is India's largest tiger reserve?

- (a) Nagarjunasagar
- (b) Udanti-Sitanadi
- (c) Manas tiger reserve
- (d) Pench tiger reserve

Answer – (a)

