

Daily Current Affairs

Date : 27 May 2026



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RAJASTHAN



MoU Signed Between Rajasthan Forest Department and TACO



Why in News?

- Recently, a Memorandum of Understanding (MoU) was signed between the Rajasthan Forest Department and The Animal Care Organization (TACO) regarding the establishment of a 'Nature Interpretation Center (NIC)' at the Sariska Tiger Reserve (Alwar).

संस्कृत विभाग

सरिस्का में इको-टूरिज्म और वन्यजीव संरक्षण को मिलेगा नवाचार और आधुनिक सुविधाओं का संबल



अलवर स्थित सरिस्का टाइगर रिजर्व में इको-टूरिज्म और वन्यजीव संरक्षण को बढ़ावा देने के उद्देश्य से अत्याधुनिक इंटरप्रीटेशन सेंटर एवं कन्वेंशन सेंटर का निर्माण किया जाएगा।

इस दिशा में महत्वपूर्ण कदम उठाते हुए राजस्थान वन विभाग द्वारा श्री अनिल अग्रवाल फाउंडेशन एवं शाइन फाउंडेशन के साथ एमओयू (MoU) पर हस्ताक्षर किए गए, जिससे संरक्षण, जागरूकता और सतत पर्यटन गतिविधियों को नई गति मिलेगी।

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Key Points:

- The newly established center will be named the 'Agnivesh Agarwal Nature Interpretation Center (NIC),' in honor of Anil Agarwal's late son, Agnivesh Agarwal.
- The proposed Nature Interpretation Center at the Sariska Tiger Reserve will serve as a dedicated space for promoting wildlife conservation awareness, environmental education, and community participation.
- This center will facilitate a better understanding of the importance of biodiversity conservation, ecological sustainability, and the protection of wildlife and natural ecosystems.

Other Important Points:

- **MoU with Shine Foundation:** The Rajasthan Forest Department recently signed another MoU with the 'Shine Foundation' to promote eco-tourism and wildlife conservation within the Sariska Tiger Reserve. Under this agreement, a modern convention center will be constructed at Sariska at an estimated cost of ₹1.04 crore.
- **Fourth Meeting of the Rajasthan Tiger Conservation Foundation:** Held at Aranya Bhawan in Jaipur. During this meeting, an Annual Plan of Operations (APO) worth ₹6,493 lakh was approved for various development and conservation activities to be undertaken across the state's tiger reserves during the year 2026-27.

Facts for Prelims:

Tiger Reserves located in Rajasthan:

S.No.	Tiger Reserve	Year of Declaration	Included Districts
1	Ranthambore Tiger Reserve	1973	Sawai Madhopur, Karauli, Bundi, Tonk
2	Sariska Tiger Reserve	1978	Alwar, Jaipur, Kotputli-Behror
3	Mukundra Hills Tiger Reserve	2013	Kota, Bundi, Jhalawar, Chittorgarh
4	Ramgarh Vishdhari Tiger Reserve	2022	Bundi, Kota
5	Dholpur-Karauli Tiger Reserve	2023	Dholpur, Karauli

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Implementation of the HAM (Hybrid Annuity Model)-based Scheme for CETP Establishment



Why in News?

- Recently, the Department of Industries and Commerce issued guidelines regarding the implementation of a new scheme based on the 'Hybrid Annuity Model for CETP Establishment' to provide financial support to industrial units within the state.

सीईटीपी स्थापना की हैम मॉडल आधारित नई योजना लागू

राज्य सरकार का उद्योगों को संबल और पर्यावरण संरक्षण की दिशा में महत्वपूर्ण फैसला

सीईटीपी की स्थापना के लिए मिलेगा 150 करोड़ रुपये तक अनुदान

आधुनिक तकनीक 'जीरो लिक्विड डिस्चार्ज' वाले प्लांट लगेंगे

PRE-TREATMENT ZERO LIQUID DISCHARGE PLANT

RajGovOfficial



Key Points:

- **Grant:** Under this scheme, the State Government will provide a grant covering 80 percent of the cost up to a maximum of ₹150 crore for the establishment of Common Effluent Treatment Plants (CETPs) in the state's industrial areas.
- **Classification of Financial Assistance:** The grant for the effective operation of CETPs will be provided based on the Hybrid Annuity Model. Under this framework, payments will be disbursed according to the various stages of work: 60 percent of the grant will be released in three installments of 20 percent each, while the remaining 20 percent of the amount will be made available over a period of 20 years.
- **Authorized Agencies for Financial Assistance:** Financial assistance will be provided by RIICO and the Rajasthan State Pollution Control Board (RSPCB) in RIICO-designated industrial areas, and by the Government of Rajasthan and the Rajasthan State Pollution Control Board (RSPCB) in non-RIICO industrial areas.
- Currently, wastewater management in most industrial units across the state is carried out through individual Effluent Treatment Plants (ETPs) or cluster-level CETPs; however, under this new scheme, the installation of plants utilizing the modern 'Zero Liquid Discharge' technology will enable the reuse of treated effluent water.
- **Provision:** Under this scheme, the industrial units within a specific cluster are required to form a Special Purpose Vehicle (SPV) for the construction and operation of the CETP.

Common Effluent Treatment Plant (CETP)

- A Common Effluent Treatment Plant (CETP) is a centralized facility designed to collect, treat, and safely discharge or recycle wastewater generated by multiple industries located within a specific industrial cluster.

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Treatment Process:

- **Preliminary Treatment:** This stage filters out and separates large solid debris, sand, etc., and regulates the pH (Potential of Hydrogen) and temperature of the incoming wastewater.
- **Primary Treatment:** This involves separating solid substances and reducing oil and grease content using physical and chemical processes such as sedimentation and coagulation.
- **Secondary (Biological) Treatment:** This utilizes specialized bacteria and biological processes to break down organic contaminants and reduce the Biological Oxygen Demand (BOD) and Chemical Oxygen Demand (COD).
- **Tertiary Treatment:** This employs advanced filtration, carbon adsorption, and disinfection to purify the water, ensuring it meets safety standards for discharge or reuse.

Other Key Points:

- **Rajasthan Industrial Development Policy:** Approved by the Rajasthan Cabinet on May 22, 2026, this policy introduces new schemes for the establishment of CETPs (Common Effluent Treatment Plants) in both RIICO and non-RIICO areas, and includes provisions for setting up new Integrated Resource Recovery Parks.
- **Other CETP-Related Schemes:** Under the 'Revised Scheme for the Establishment of Integrated CETPs and Upgradation of Existing CETPs' operated by the Department of Industries and Commerce (Rajasthan) to strengthen industrial waste management within the state there is a provision for providing a one-time grant.
- Under this scheme, the grant provided has been enhanced from 75 percent of the project cost (or a maximum of ₹75 crore) to ₹100 crore. Additionally, non-RIICO industrial areas have also been brought under the ambit of this scheme.

BSF's 'Prahari Sammelan': Sanchu Post (Bikaner)



Why in News?

- On May 26, 2026, a 'Prahari Sammelan' (Sentinels' Conference) was organized at the Border Security Force (BSF) Sanchu Post in Bikaner, presided over by the Union Minister of Home Affairs and Cooperation, Amit Shah.



Key Points:

- On this occasion, the Union Home Minister e-inaugurated 14 newly constructed women's barracks at various border outposts.
- Currently, 79 barracks for female personnel have been sanctioned at BSF border outposts in Rajasthan, at a cost of ₹40 crore.

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- **Review Meeting on the Progress of the 'Vibrant Villages Programme':** The Union Home Minister held a high-level review meeting in Bikaner with the District Collectors and Superintendents of Police (SPs) of the five border districts (Bikaner, Jaisalmer, Barmer, Sri Ganganagar, and Phalodi) to discuss the rising cross-border trafficking of drugs and weapons, as well as the progress of the 'Vibrant Villages Programme'.

Facts for Prelims (Border Security Force - BSF):

- **Establishment:** December 1, 1965
- **Current Director General:** Praveen Kumar (IPS)
- **Motto:** Duty Unto Death.
- **Ministry:** Ministry of Home Affairs.

Main Objectives:

- To guard India's international borders during peacetime.
- To prevent cross-border crimes, such as infiltration, smuggling, and illegal entry.
- To assist the Indian Army during times of war.
- To foster a sense of security among citizens residing in border areas.

Mukhyamantri Jal Swavalamban Abhiyan - 2.0



Why in News?

- Recently, the State Government issued financial sanctions amounting to ₹688.28 crore for the second and third phases of the Mukhyamantri Jal Swavalamban Abhiyan (MJSA) 2.0, with the objective of accelerating water conservation and groundwater recharge activities.

PMKSY

राजस्थान सरकार
जल ग्रहण विकास एवं
भू-संरक्षण विभाग

75
आज़ादी का
अमृत महोत्सव

राजस्थान बजट 2024

मुख्यमंत्री
जल स्वावलम्बन
अभियान

मुख्यमंत्री जल स्वावलम्बन अभियान 2.0 के तहत
11 हजार 200 करोड़ रुपये की लागत से आगामी चार वर्षों
में राजस्थान के 20 हजार गांवों में 5 लाख वाटर हार्वेस्टिंग
स्ट्रक्चर्स बनाए जाएंगे।

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Key Points:

- An amount of ₹488.28 crore has been sanctioned for the second phase of the campaign from the Water Conservation Cess Fund, while ₹200 crore has been sanctioned for the third phase from the State Fund allocation.
- Under this campaign, the State Government has, to date, sanctioned a total amount of ₹988.28 crore across various phases.

Facts for Prelims:

Mukhyamantri Jal Swavalamban Abhiyan 2.0 (MJSA 2.0)

- **Announcement:** In the Rajasthan Budget 2024-25.
- **Launch:** By the State Government in February 2024.
- **Objective:** To ensure maximum rainwater harvesting, water conservation, and the prudent utilization of available water resources in Rajasthan.
- Under this campaign, activities such as the construction of new anicuts, farm ponds, Mini Percolation Tanks (MPT), and Sub-Surface Barriers (SSB), as well as the repair of existing water harvesting structures, are undertaken.
- During the period from 2024 to 2028, it is proposed to construct 500,000 water harvesting and conservation structures across 20,000 villages in the state under MJSA 2.0.

Other Important Points:

Mukhyamantri Jal Swavalamban Abhiyan (MJSA)

- **Launch:** The campaign was launched on January 27, 2016, from Gardan Khedi village in the Jhalawar district.
- **Objective:** To fulfill the minimum water requirements in rural areas, ensure water availability during times of drought, and resolve issues arising from water scarcity.
- **Note:** According to a report by the Ministry of Jal Shakti, 29 districts of Rajasthan are among the total of 193 districts across the country facing excessive water exploitation. In this report, Rajasthan ranks second, following Uttar Pradesh (38 districts).

Technology-Based Partnership Between IIT Jodhpur and Masai School



Why in News?

- Recently, the Indian Institute of Technology (IIT) Jodhpur established a strategic collaboration with Masai School an outcome-based education platform to launch two new interdisciplinary degree programs.



Key Points:

- Under this partnership, two programs have been introduced: a BS in Management and Technology, and an MBA in Technology.
- BS in Management and Technology:** This program is designed for students from all academic backgrounds who have completed Class 12, thereby making it possible for students from non-science streams to also obtain an IIT-affiliated degree.

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- Admission to this program will be granted through a qualifier test. Comprising 141 credits, the curriculum spans eight semesters and features a balanced blend of technology, management, and social sciences.
- In alignment with the National Education Policy (NEP) 2020, this program also offers exit options after the first, second, or third year.
- **MBA in Technology:** This program is tailored for working professionals across various industries who wish to strengthen their understanding of technology-driven business environments and develop their leadership and strategic decision-making capabilities.
- This 66-credit program incorporates work-integrated projects alongside modules on strategic management, digital enterprises, artificial intelligence, emerging technologies, and product-centric learning.
- The primary objective of these programs is to prepare students and working professionals for the modern, technology-driven global economy.
- These new programs have been designed with the aim of integrating technical proficiency, management expertise, and a humanistic and social perspective into a unified academic framework.

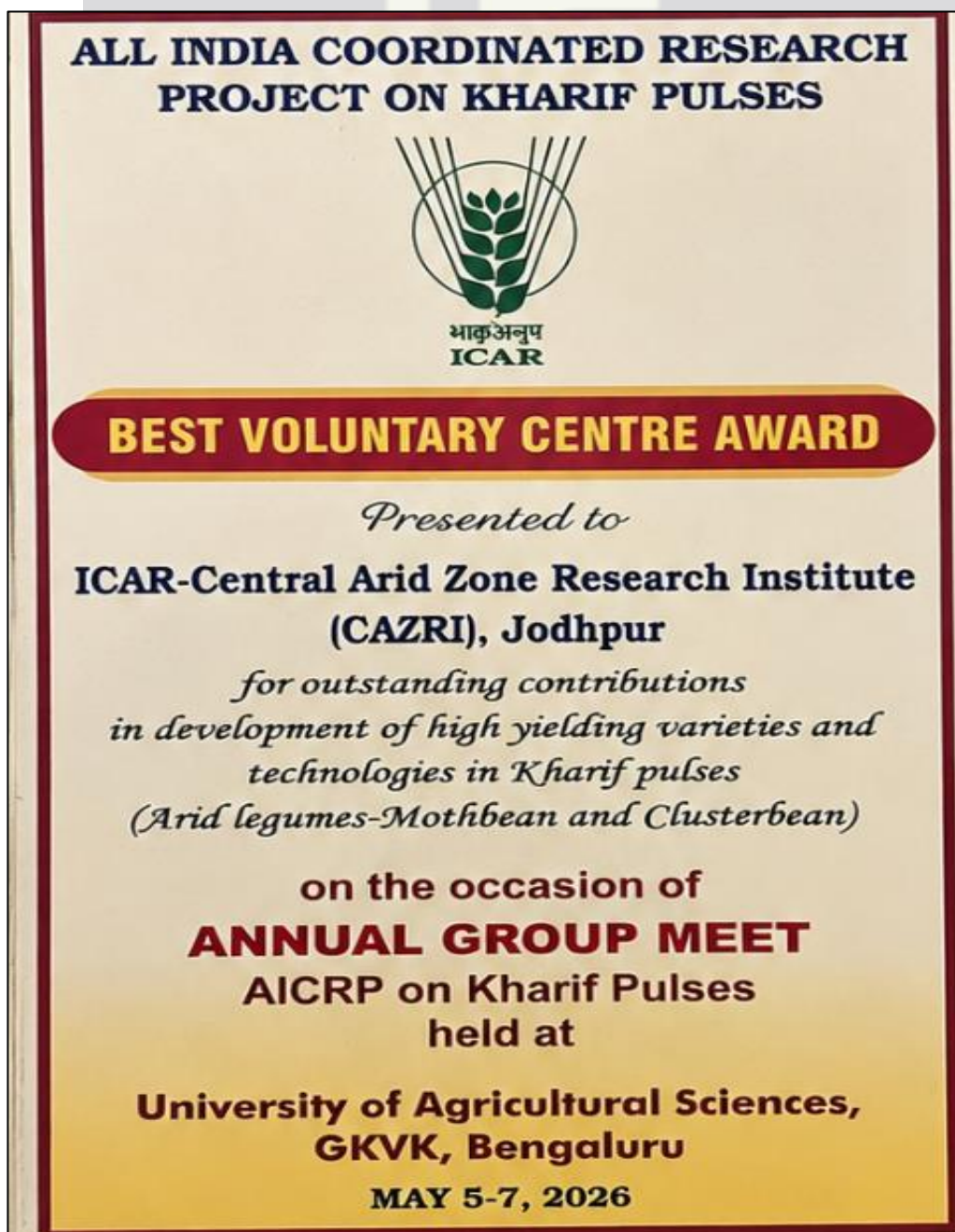
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CAZRI Awarded for Outstanding Contribution to Moth Bean Research



Why in News?

- ICAR – Central Arid Zone Research Institute (CAZRI), Jodhpur, was recently honored with the national-level ‘Best Centre Award’ for its outstanding contribution to moth bean research.





Key Points:

- CAZRI received this award for its excellent research work and genetic improvement of moth and guar crops for the hot arid regions of India.
- **Award Ceremony:** Held during the Annual Group Meeting of the All India Coordinated Research Project (AICRP) on Kharif Pulses in Bengaluru.
- **6 New Varieties:** Within the short span of 2024 to 2026, CAZRI developed six high-yielding and drought-resistant varieties of moth bean (CAZRI Moth-4 to CAZRI Moth-9).
- Moth bean is a highly climate-resilient pulse crop, primarily cultivated in low-rainfall areas within hot arid regions.
- The newly developed varieties demonstrate desirable adaptability and developmental resilience under conditions ranging from prolonged drought to occasional heavy rainfall.

Facts for Prelims:

Central Arid Zone Research Institute (CAZRI), Jodhpur

- **Establishment:** In 1959, under the Indian Council of Agricultural Research (ICAR).
- **Headquarters:** Jodhpur.
- **Regional Research Centers:** Located in Bikaner, Jaisalmer, Pali, Jalore, and Bhuj (Gujarat).
- **Main Objective:** To conduct research aimed at sustainable agriculture, natural resource conservation, and the improvement of rural livelihoods in arid and semi-arid regions.

Key Areas of Focus:

- **Land and Water Conservation:** Preventing soil erosion in desert areas and ensuring the efficient utilization of water resources.
- **Vegetation Research:** Development of low-water-requirement crops, fodder production techniques, and horticultural practices.
- **Animal Husbandry Research:** Improvement of breeds and management practices for livestock suited to arid regions, such as camels, sheep, and goats.
- **Technology Development** – Irrigation techniques for desert regions, rainwater harvesting, and solar-energy-based devices.
- **Climate Research** – Study of the impact of climate change in desert regions.



NEWS IN SHORTS ⚡

S. No.	News
1.	Olympian Shyamlal Meena Passes Away - Indian Olympic archer and Arjuna Award winner Shyamlal Meena passed away at the age of 61. Born: March 4, 1965, in Kewadiya, Banswara district. - He won a bronze medal at the Asian Archery Championships held in Kolkata in 1987, thereby becoming the first archer from Rajasthan to win a medal at the international level. - He represented India in the archery competition at the 1988 Seoul Summer Olympics. - For his outstanding contribution to the field of sports, the Government of India honored him with the Arjuna Award in 1989.
2.	Dr. Manju Baghmar: Selected for 'World Book of Records' Award - Recently, Dr. Manju Baghmar, the Minister of State for Women and Child Development, was selected for an international honor by the prestigious London-based organization, the 'World Book of Records'. - She will be felicitated at the 10th Awards Summit, scheduled to be held on June 26, 2026, at the Palace of Westminster (British Parliament) in the UK. - Dr. Baghmar has carved a distinct identity for herself at both national and international levels through her empathetic leadership, exemplary social work, and dedication to society.

3.

IAS Neelam Meena: West Bengal's New Chief Electoral Officer

- Neelam Meena a resident of Bamanwas in Sawai Madhopur and an IAS officer of the West Bengal cadre was appointed as the new Chief Electoral Officer of West Bengal on May 25, 2026.
- Neelam has succeeded IAS Manoj Kumar Agarwal, who has been appointed as the new Chief Secretary of West Bengal.

4.

Ultra-Marathon Runner Amar Singh Devanda

- Amar Singh Devanda, a resident of Cheethwari village in Jaipur, recently won a gold medal and set a national record at the 'IAU 24-Hour Asia and Oceania Championships 2026', held in the city of Hirosaki, Japan.
- He covered a distance of 282.881 kilometers while running continuously in a 24-hour race and won a gold medal in the individual event.





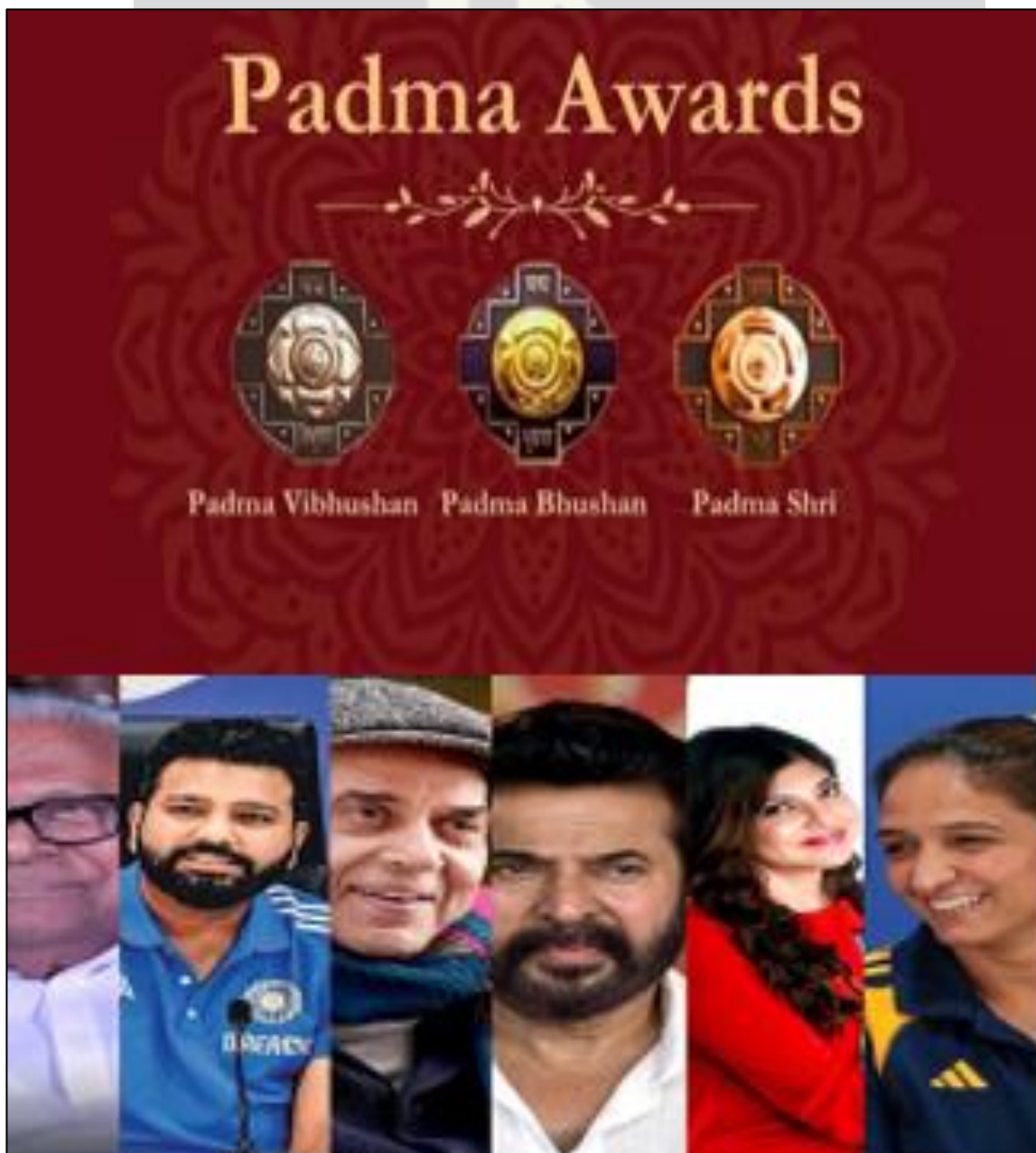
Padma Awards 2026

(Source: PIB)



Why in News?

- The President of India conferred the Padma Awards for the year 2026 at the 'Civil Investiture Ceremony-I' held at Rashtrapati Bhavan.



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Key Points:

- A total of 131 awards are to be conferred this year. These include 19 women, 6 individuals from the Foreigner/NRI/PIO/OCI category, and 16 posthumous awardees. The list of awardees also includes 2 'Double Cases' (couples), where the award is counted as one.

Padma Awards

- **Institution:** The awards were instituted in 1954. They rank among the highest civilian honors of the country.
- **Conferring Authority:** The Padma Awards are conferred by the President of India in three categories:
 - **Padma Vibhushan:** For exceptional and distinguished service.
 - **Padma Bhushan:** For distinguished service of a high order.
 - **Padma Shri:** For distinguished service in any field.
- **Announcement:** The names of the Padma Award recipients are announced every year on the occasion of Republic Day (with the exception of a few years).
- **Eligibility:** All persons, without distinction of race, occupation, position, or gender, are eligible for these awards. Government employees, including those working in Public Sector Undertakings (PSUs), are not eligible for these awards. However, doctors and scientists are eligible to receive these awards.
- Generally, the award is not conferred posthumously; however, in highly exceptional cases, it may be conferred posthumously.
- **Limit on Number of Awards:** The total number of awards conferred in a year cannot exceed 120 (excluding posthumous awards and those in the Foreigner category).
- **Selection of Awardees:** The 'Padma Awards Committee,' constituted by the Prime Minister, selects the awardees each year.

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Name	Field
Dharmendra Singh Deol (Posthumous)	Arts (Cinema)
K. T. Thomas	Public Affairs (Former Judge of the Supreme Court)
N. Rajam	Arts (Music): Violinist, known as the “Singing Violin”
P. Narayanan	Literature and Education
V. S. Achuthanandan (Posthumous)	Public Affairs (Former Chief Minister of Kerala)



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Geography and Geology



Nautapa

(Source: Economic Times)



Why in News?

- Nautapa marks the beginning of the hottest period of the season in North India.



Key Points:

Nautapa

- It is a traditional nine-day seasonal phase in the Hindu calendar that signifies the peak period of summer heatwaves.
- Nautapa finds mention in ancient astrological texts such as the Surya Siddhanta.
- The term is derived from the words Nau (nine) and Tapa (heat), and the phase begins when the Sun enters the Rohini Nakshatra (constellation) in late May.
- This year, Nautapa is expected to last from May 25 to June 2, coinciding with the lingering effects of a strong El Niño event.
- El Niño refers to the warming of surface currents in the tropical Pacific Ocean, a phenomenon that frequently leads to higher temperatures in India.





Economic Developments



16th Finance Commission and Fiscal Transfers

(Source: The Hindu)



Why in News?

- Concerns have emerged regarding whether the transfers made by the Finance Commission to the states are adequately balancing fiscal equity among the states while simultaneously meeting the Centre's growing expenditure requirements.



Key Points:

16th Finance Commission (2026–31):

- It was constituted under Article 280 of the Constitution. Dr. Arvind Panagariya serves as its Chairman.

Key Recommendations:

- The states' share in the divisible pool of central taxes has been retained unchanged at 41%.
- A total grant-in-aid of ₹9.47 lakh crore has been provisioned over five years for local bodies and disaster management.
- Revenue-deficit-based, sector-specific, and state-specific grants have been discontinued.

Challenges Related to Fiscal Transfers and Equity:

- **Shrinking Divisible Tax Pool:** The rising share of non-shareable cesses and surcharges reduces the actual funds available to the states.
- **Equity vs. Performance:** Giving greater weightage to income disparity benefits less-developed states more. Developed states feel that they are being penalized for their economic growth and population control efforts.

- **Conditional Transfers:** Grants tied to specific objectives can limit the states' fiscal autonomy in terms of spending.
- **Imbalance in Vertical Transfers:** States bear major expenditure responsibilities in sectors such as healthcare, education, and welfare, yet they possess limited taxation powers.
- For instance, under the restructured National Rural Employment Guarantee Programme now termed 'Viksit Bharat Guarantee Mission for Employment and Livelihoods (Rural)' states will be required to bear 40% of the costs.
- Discontinuation of Revenue-Deficit-Based Grants.

Solutions

- Cesses and surcharges should be rationalized to expand the divisible tax pool. Additionally, 'Cooperative Federalism' should be fostered through extensive consultations.
- To ensure fiscal discipline, norms should be further refined to strike a balance between incentives and equity.
- To strengthen the autonomy of states in matters of development, financial transfers should be predictable and unconditional.

Index of Industrial Production (IIP)

(Source: PIB)



Why in News?

- The Ministry of Statistics and Programme Implementation (MoSPI) has released the report of the Technical Advisory Committee on the 'Base Year Revision' of the All-India Index of Industrial Production (IIP).



Key Points:

Index of Industrial Production

- The IIP is a composite indicator that measures short-term changes in the volume of production of a basket of industrial products during a given period compared to a base year.
- **Issuing Authority:** National Statistical Office (NSO) under MoSPI.
- **Coverage:** Three sectors Manufacturing (77.63%), Mining (14.37%), and Electricity (7.99%).
- **Base Year:** 2011-12 (In the new series, this will be 2022-23).

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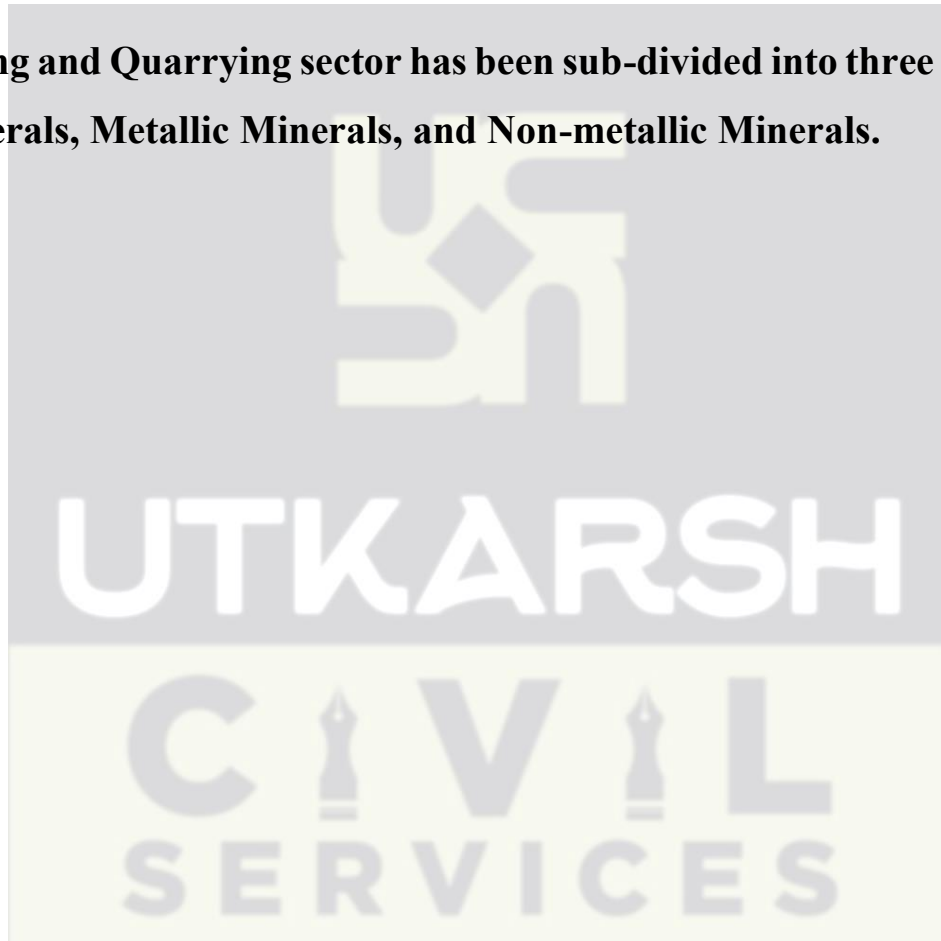
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Key Changes in the New Series of IIP:

- **Expansion of included sectors:** This now includes minor minerals, rare earth minerals, gas supply, water supply, sewerage, and waste management.
- Separate indices for electricity generated from renewable and non-renewable sources.
- The Mining and Quarrying sector has been sub-divided into three sub-indices: Fuel Minerals, Metallic Minerals, and Non-metallic Minerals.



-:24:-



Sociology



Child Labour

(Source: News on Air)



Why in News?

- The Supreme Court issued a notice to the government, emphasizing the need for a strict ban on child labour within the entertainment and hospitality sectors.



Key Points:

Provisions Against Child Labour

Constitutional:

- **Article 24:** This article prohibits the employment of children under the age of 14 years in factories, mines, or hazardous occupations.
- **Article 39:** This article directs the State to ensure that the health and strength of workers, as well as the tender age of children, are not abused.
- **Article 23:** This article prohibits human trafficking, begar (forced labour), etc.

Legal Provisions:

- **The Child and Adolescent Labour (Prohibition and Regulation) Act, 1986 (Amended in 2016):** This Act prohibits the employment of children under the age of 14 years in all occupations, and of adolescents (aged 14–18 years) in hazardous occupations.
- **The Juvenile Justice (Care and Protection of Children) Act, 2015**



Schemes and Policies



PAIMANA Portal

(Source: PIB)



Why in News?

- The PAIMANA portal strengthens the monitoring of Central Sector infrastructure projects.



Key Points:

- Here, PAIMANA stands for: Project Appraisal, Infrastructure Monitoring, and Analysis for Nation-building.
- Since April 2026, this portal has been monitoring 1,981 infrastructure projects valued at approximately ₹43 lakh crore.

PAIMANA Portal

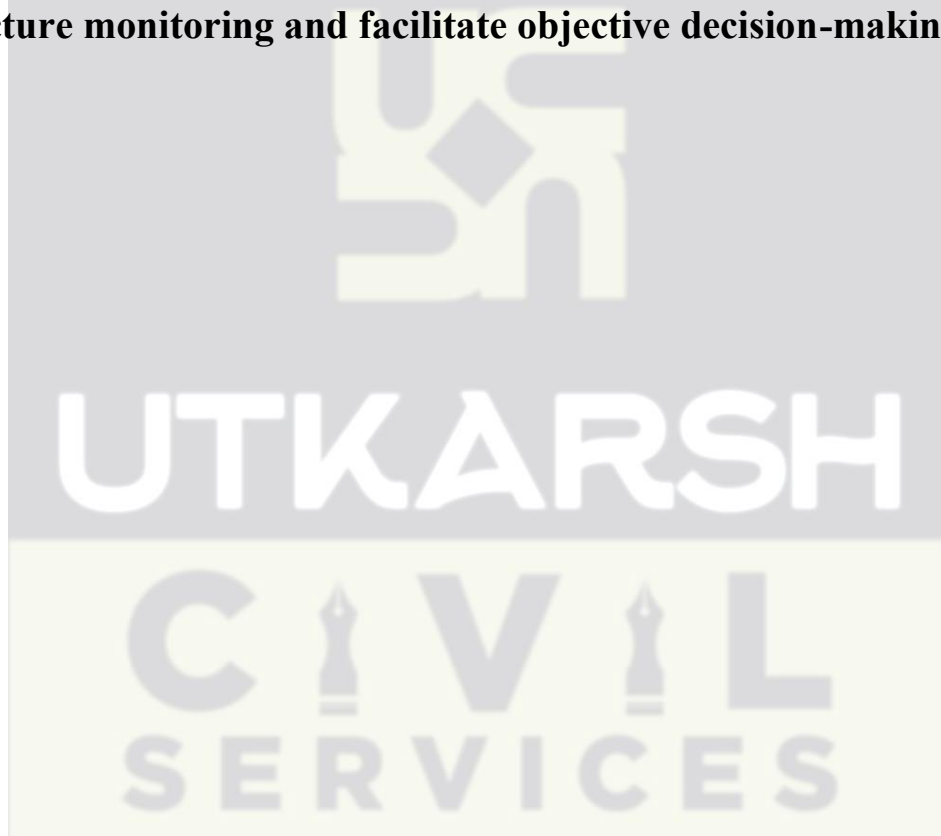
- **Objective:** To serve as a centralized web-based portal for monitoring Central Sector infrastructure projects valued at ₹150 crore and above.
- Operated by the Ministry of Statistics and Programme Implementation (MoSPI).

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- It has replaced OCMS-2006 (Online Computerized Monitoring System).
- **Key Features:** Operates on the "One Data, One Entry" principle for systematic monitoring.
- **Integration:** It is linked via APIs to the DPIIT's Integrated Project Monitoring Portal to enable the automated updating of over 70% of project data.
- **Significance:** Serves as a national data repository to standardize infrastructure monitoring and facilitate objective decision-making.



-:27:-

MachFin Mart and Modernization of Rural Enterprises (MoRE) Initiative

(Source: News on Air)



Why in News?

- The Union Finance Minister recently launched several key initiatives to strengthen the MSME ecosystem on the occasion of SIDBI's 37th Foundation Day.



Key Points:

- SIDBI is a statutory body. It functions as the principal financial institution responsible for the promotion, financing, and development of the MSME sector.

MachFin Mart

- This is a digital platform. It assists MSMEs in easily procuring modern machinery.
- This platform enables MSMEs to browse verified equipment, compare prices, and access financial assistance in a quick and digital manner.

Modernization of Rural Enterprises (MoRE)

- This initiative provides targeted financial assistance to local and grassroots-level businesses.
- Its objective is to modernize 10,000 rural and handicraft enterprises over the next three years.



Oreshnik Missile

(Source: HINDUSTAN TIMES)



Why in News?

- Russia utilized the Oreshnik hypersonic ballistic missile during its missile and drone attacks on Kyiv, Ukraine.



Key Points:

- The Oreshnik is a medium-range hypersonic weapon, believed to be based on Russia's RS-26 Rubizh system. It is capable of carrying both nuclear and conventional warheads.
- Its strike range is estimated to be between 3,000 and 5,500 kilometers, enabling it to target large parts of Europe.
- With a speed of Mach 10 approximately 2.5 to 3 kilometers per second this missile is nearly impossible for modern air defense systems to intercept.

⌚ SCIENCE & TECHNOLOGY 🌡️

Wi-Fi 7

(Source: DD NEWS)



Why in News?

- With TP-Link commencing the local manufacturing of Wi-Fi 7 devices, India has entered the Wi-Fi 7 era.



Key Points:

Wi-Fi 7

- Wi-Fi 7 (officially IEEE Standard 802.11be) is the next generation of wireless networking technology.
- **Objective:** To enhance performance, speed, and efficiency compared to its predecessors, Wi-Fi 6 and Wi-Fi 6E.

Features of Wi-Fi 7:

- 4.8 times faster speeds compared to Wi-Fi 6 (boosting throughput up to 46 Gbps).

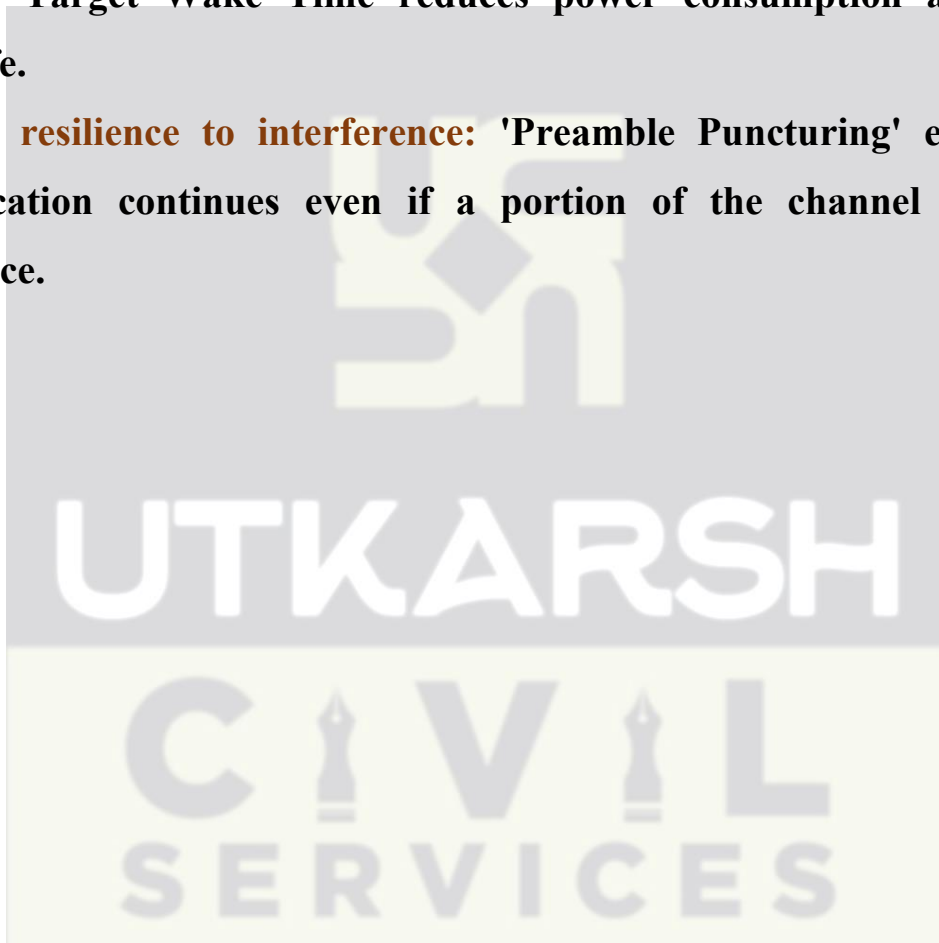
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- Multi-Link Operation (MLO) across the 2.4/5/6 GHz bands.
- 4 times lower latency compared to Wi-Fi 6/6E.
- Wider channel bandwidth (allowing for the simultaneous transmission of more data).
- Enhanced Target Wake Time reduces power consumption and extends battery life.
- **Improved resilience to interference:** 'Preamble Puncturing' ensures that communication continues even if a portion of the channel experiences interference.



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