

Daily Current Affairs

 Date : 05 September, 2025



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RAJASTHAN



National MSMEs Conclave 2025: Udaipur



Why in News?

- The Union Ministry of Micro, Small and Medium Enterprises (MSMEs) and the Federation of Rajasthan Trade and Industry (FORTI) organized the 'National MSMEs Conclave 2025' (Vendor Meet) on 29 and 30 August 2025 at Hotel Bhairav Garh Palace, Udaipur.



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Key Points:

- Union and State Industry and MSMEs Ministers, subject experts, representatives of industry and trade participated in this conclave.
- **Note:** The Union Ministry of Micro, Small and Medium Enterprises (MSMEs) changed the definition of MSMEs, the revised classification came into effect from April 1, 2025.

Classification	Micro	Small	Medium
Manufacturing and Service Enterprises	Investment in plant and machinery or equipments: Less than ₹2.5 crore Annual Turnover: Less than ₹10 crore	Investment in plant and machinery or equipments: Less than ₹25 crore Annual Turnover: Less than ₹100 crore	Investment in plant and machinery or equipments: Less than ₹125 crore Annual Turnover: Less than ₹500 crore

Facts for Prelims:

- Micro, Small and Medium Enterprises (MSMEs) contribute to nearly 30 percent of India's GDP and over 45 percent of the country's exports.
- Recognising the vital role of MSMEs across the world, the United Nations designated June 27 as International MSMEs Day in the year 2017.
- Theme of MSMEs Day 2025 in India: "Enhancing the Role of MSMEs as Drivers of Sustainable Growth and Innovation."

Groundwater situation in Rajasthan

Why in News?

- According to a report of the Ministry of Jal Shakti, 29 districts of Rajasthan are included in the total 193 highly water exploited districts across the country.



Key Points:

- Rajasthan ranks second in this report after Uttar Pradesh (38 districts).
- According to the report, water availability is low and exploitation is excessive in Alwar, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dausa, Dholpur, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali and Ajmer districts of the state.
- According to the National Compilation Report of Dynamic Ground Water Resources of India, 102 districts have been classified as highly exploited, 22 districts as critical and 69 districts as semi-critical. Here, the maximum exploitation is happening in agriculture and industrial units.
- **70 percent of 302 blocks of Rajasthan are Over-exploited:** The evaluation of 302 blocks by the Central Ground Water Board in the year 2024 makes it clear that 214 blocks (70.86 percent) are under the over-exploited category. At the same time, 27 blocks (8.94 percent) are serious, 21 blocks (6.95 percent) are semi-serious, while only 37 blocks (12.25 percent) are in the safe category. Three other blocks have been classified in the saline category.

Other Important Points:

Mukhyamantri Jal Swavalamban Abhiyan (MJSA)

- **Launched on:** On January 27, 2016, 'Mukhyamantri Jal Swavalamban Abhiyan' was started in Rajasthan.
- **Objective:** To fulfill the minimum requirement of water in rural areas and to solve the problems arising due to availability of water during drought and water shortage. The year 2016 was marked as 'Jal Kranti Year'.

Mukhyamantri Jal Swavalamban Abhiyan 2.0 (MJSA 2.0)

- **Launched on :** To ensure maximum rainwater harvesting, water conservation and judicious use of available water resources in Rajasthan, 'Mukhyamantri Jal Swavalamban Abhiyan 2.0' was launched by the state government in February, 2024.
- Under this campaign, construction of new anicuts, farm ponds, mini percolation tanks (MPT), sub surface barriers (SSB) and repair of old water harvesting structures etc. has been done.
- Under MJSA 2.0, it is proposed to construct 5,00,000 water harvesting and water conservation structures in 20,000 villages of the state during the year 2024 to 2028.

Atal Bhu-Water Scheme

- Atal Bhu-Water Scheme is a World Bank assisted central sector program, which was operated from April, 2020 to March, 2025.
- The main objective of this program is to prevent the decline in groundwater level by promoting groundwater management at the Gram Panchayat level and through behaviour change for sensitivity towards water use in the community.
- Under this program, 1,132 Gram Panchayats of 38 blocks of 17 districts in Rajasthan have been covered.

Bhu-Neer Portal

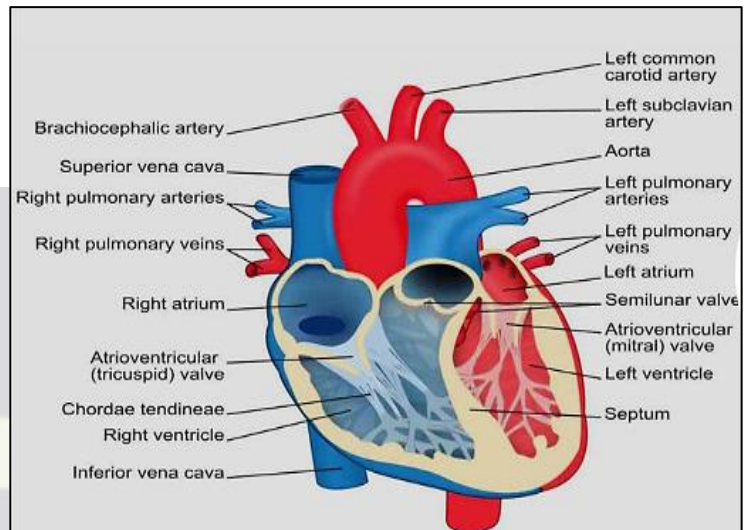
- Bhu-Neer Portal is a state-of-the-art portal launched in the year 2024 by the Central Ground Water Authority (CGWA) under the Ministry of Jal Shakti.
- It aims to provide a smooth and efficient mechanism for regulation of groundwater development and management in the country. It provides a quick and user-friendly platform for filing No Objection Certificate (NOC) application for groundwater extraction.

World's first polymer mitral valve transplant



Why in News?

- Doctors of the Cardio Thoracic and Vascular Surgery Department of Sawai Man Singh Hospital (SMS), Jaipur, successfully transplanted the world's first polymer mitral valve.



Key Points:

- The new valve of polymer mitral valve transplant will not cause calcium accumulation problems in the patient. Also, there will be no need to take additional blood thinning medicine.
- It must be known that research work is going-on on polymer mitral valve in SMS Jaipur, the findings of which have been published in the International Journal of the American College of Cardiology.
- Polymer mitral valve transplant uses synthetic polymer material instead of traditional tissue or mechanical valves, which aims to provide greater durability and avoid the need for lifelong anticoagulation therapy.

Other important points:

- **Mitral valve replacement:** This is open-heart surgery in which the diseased mitral valve is replaced with a valve made of metal or animal tissue to improve blood flow.

Factories (Rajasthan Amendment) Bill, 2025

Why in News?

- On September 4, 2025, the Factories (Rajasthan Amendment) Bill, 2025 was passed by voice vote in the Rajasthan Legislative Assembly.



राजस्थान विधानसभा
कारखाना (राजस्थान संशोधन)
विधेयक, 2025 ध्वनिमत
से पारित

- संशोधन से प्रदेश के श्रमिक होंगे लाभान्वित, महिला सशक्तीकरण एवं औद्योगिक निवेश को मिलेगा प्रोत्साहन

-खाद्य एवं नागरिक आपूर्ति मंत्री

श्री भजनलाल शर्मा
माननीय मुख्यमंत्री, राजस्थान

RajGovOfficial

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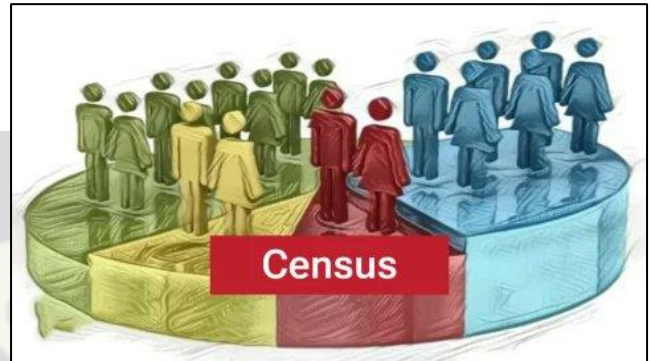
Key Points:

- Through this bill, the Factories Act, 1948 will be amended.
- The provisions of the bill will increase the participation of women in the workplace, encourage investment, generate employment on a large scale and accelerate industrial development.
- According to the Factories (Rajasthan Amendment) Bill, 2025, the maximum working hours in factories in a week are now have been increased, which will increase production and productivity, create new opportunities for investment and employment in the state. The provision of labor without gaps has been made flexible by the bill so that the workers can give this remaining time to their family.
- Also, now workers will be able to work in the factory for 6 hours without a break, will be able to be present in the factories for a minimum of 10:30 hours every day and also will be able to do overtime of 144 hours per quarter instead of 75 hours.
- According to the provisions of the bill, now women will be able to work at night as well keeping in view their personal convenience. For this, their written consent has been made necessary. This will increase the participation of women in labor and will pave the way for women empowerment.

State Level Coordination Committee: Census, 2027

Why in News?

- Chief Secretary Sudhansh Pant was appointed as the Chairman of the State Level Census Coordination Committee with the approval of Governor Haribhau Bagde to conduct Census-2027 in the state in a systematic and timely manner.



Key Points:

State Level Census Coordination Committee:

- Formation:** In August, 2025
- Objective:** To conduct systematic and successful implementation of Census-2027 in Rajasthan.
- Chairman:** Chief Secretary, Government of Rajasthan.
- Convener of the Committee:** Director, Census Operations Directorate, Rajasthan.
- Members:** Secretary-in-charge of Rural Development, Panchayati Raj, Medical, Health and Family Welfare, Finance, Planning, Statistics, Information Technology and Communication, Revenue, Social Justice and Empowerment, Minority Affairs, Urban Development, School Education, Sanskrit Education, Women and Child Development, Self-Governance, Higher and Technical Education, General Administration and Medical Education departments (Additional Chief Secretary / Principal Secretary to the Government).

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Census in Rajasthan, 2027:

- **Formal Commencement:** October-November, 2025
- **Pre-test of Census:** Four areas marked from 3 districts of Rajasthan –
 1. A slum in Jaipur.
 2. 7 wards of Barmer city.
 3. 21 remote villages of Barmer district.
 4. 58 villages of Sangwara (Dungarpur) tribal area.

Other Important Points:

- **16th Census of India, 2027:** India's first digital census.
- **Notification:** Notification was published in the Gazette on June 16, 2025 under Section 3 of the Census Act, 1948.
- **Date of Commencement:** March 1, 2027
- **Start date in Snow-Covered Areas and states:** October 1, 2026 (Jammu and Kashmir, Ladakh, Uttarakhand and Himachal Pradesh).
- **Regulation Act:** Under the provisions of the Census Act, 1948 and Census Rules, 1990.
- **Process:** Organized in two phases-

First phase: House listing and housing census which will contain information about residential structure, walls, floors, roofs, toilets and other facilities.



Second phase: Population census which will include personal information such as age, education, employment and caste.

Digital Process:

- About 50% of the population will be able to enter the data themselves through mobile app.
- Data will be automatically updated after birth and death.

Major Efforts for Digital Census:

- Census 2021-Family App (Census 2021-Household)
- PE-Census 2021 (Population Census) App (PE-Census 2021)
- Census Management and Monitoring System (CMMS)

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In news: Jimwa Ramgarh Sanctuary



Why in News?

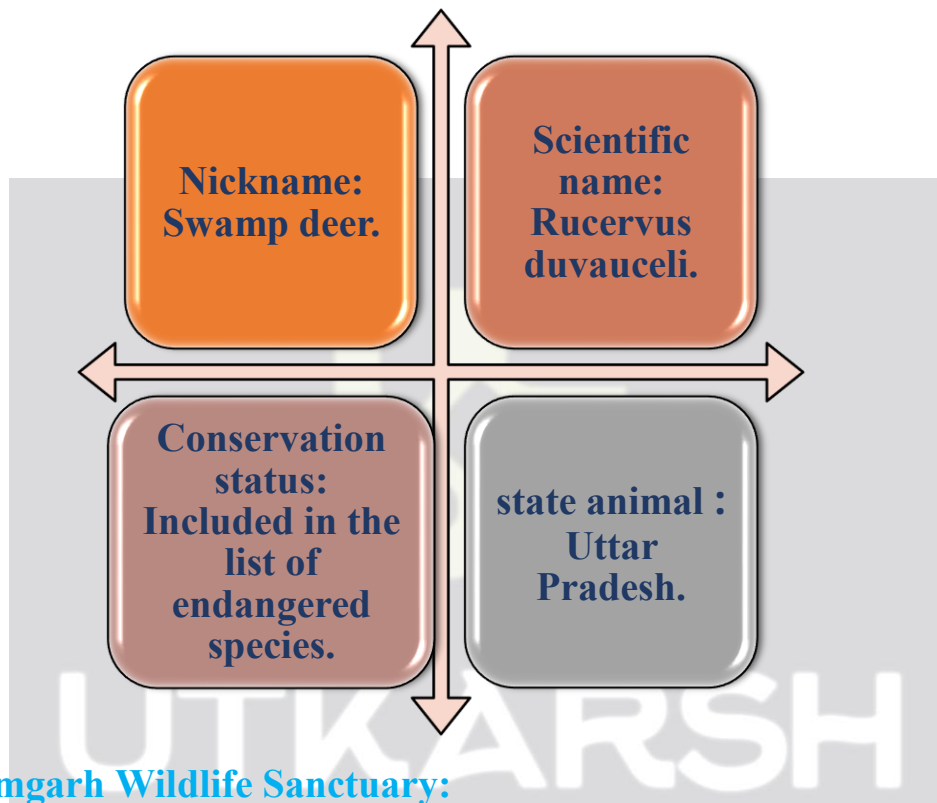
- Recently, a rare wildlife Barasingha was seen in Amkhol Mahadev temple situated in Jamwa Ramgarh range of Rajasthan.





Key Points:

Barasingha:



Jamwaramgarh Wildlife Sanctuary:

- **Location:** Jamwaramgarh, Jaipur.
- **Extension:** In 360 sq. km.
- **Sanctuary declared:** In Year 1982
- **Wildlife:** Baghera, Jackal, Wild Boar, Wild Cat, Wolf, Nilgai and Sambhar.
- **Note - Thalai village (Jamwa Ramgarh):** Integrated Resource Recovery Park was established.

Other Important Points:

Jamwa Ramgarh Dam:

- **River:** Banganga.
- Recently, artificial rain was successfully tested here.
- In the year 1982, the boating competition of the Asian Games was organized here.
- **Vande Ganga Jal Jan Abhiyan:** It was started from Jamwa Ramgarh Dam from 5 to 20 June 2025.

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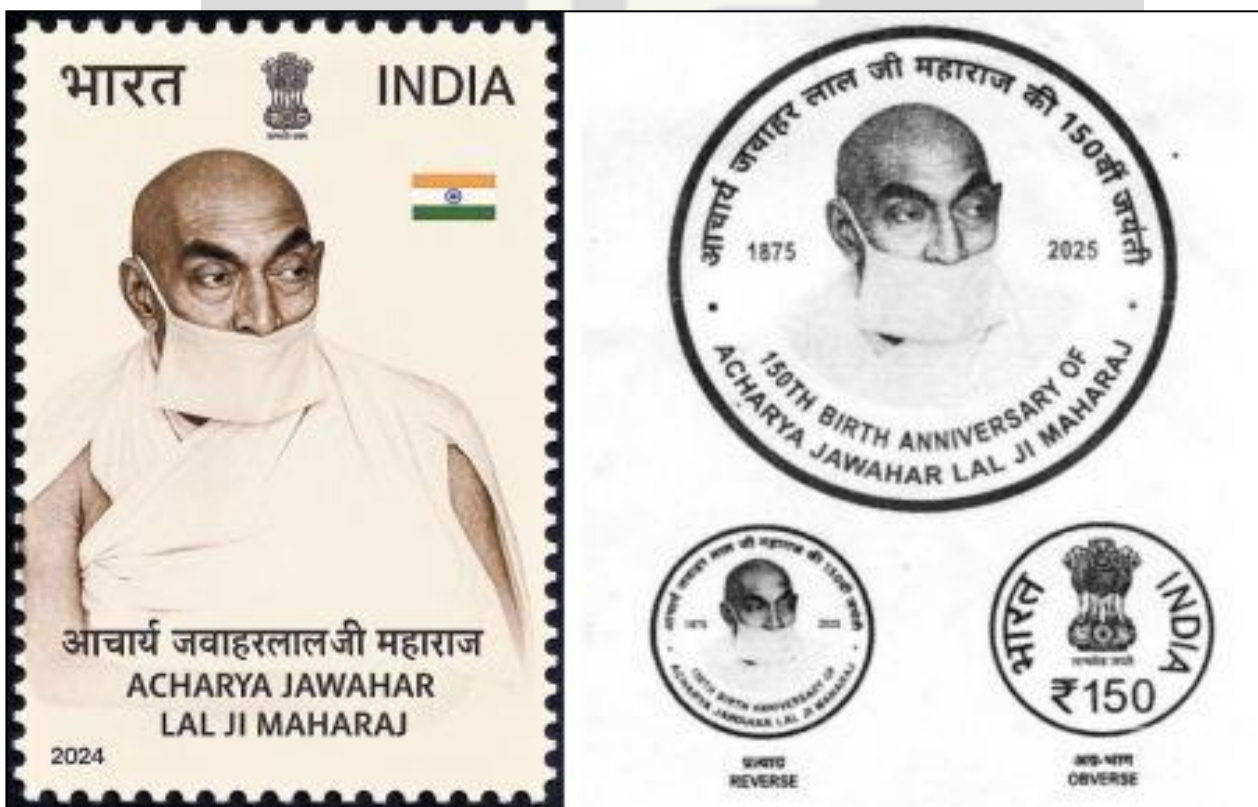
In the year 2025, major wildlife and flora were found in Rajasthan:

Wildlife or Plant	Region / District	Special Details
Utricularia Plant	Keoladeo National Park	A rare species of carnivorous (insect-eating or meat-eating) plants. Other Name: Bladderworts.
Albino "Sunflower" Squirrel	CISF Campus, Tonk	Previously also seen in Banswara and Dungarpur districts. Albino squirrels are identified by their pure white fur and pink or red eyes, due to complete lack of melanin.
Rare Caracal Cat	Mukundra Hills Tiger Reserve	Scientific Name: Caracal caracal Common Name: Siyah Gosh IUCN Red List: Least Concern Wildlife Protection: Protected under Schedule I of the Wildlife (Protection) Act, 1972.
Phytosaur Fossils	Megha, Fatehgarh, Jaisalmer	Fossils from the pre-Jurassic period, resembling lizards.

Acharya Jawaharlal Ji Maharaj

Why in News?

- The Ministry of Communications of the Government of India has issued a gazette notification to issue a commemorative postage stamp and the Ministry of Finance has issued a commemorative quarter coin on freedom fighter and Jain Acharya Jawaharlal Ji Maharaj.



Key Points:

- **Relation:** With Bikaner district.
- **Issuance:** Coin and postage stamp will be issued on the 150th birth anniversary year of Maharaj.
- **Release Ceremony Venue:** In Mumbai (Presided over by: Prime Minister).
- **Commemorative postage stamp Authority:** Union Ministry of Communications.
- **Commemorative quarter coin Authority:** Union Ministry of Finance.
- Jawahar Vidya Peeth is established in Bikaner in the name of Acharya.

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Other Important Points:

Other famous personalities of Rajasthan:

Personality	Details
Acharya Mahapragya	Recently, a coin of ₹ 100 was issued to mark his 105 th birth anniversary.
Harkhchand Nahata	From Bikaner, a coin of ₹ 25 was issued on his 25th birth anniversary.
Acharya Vidyasagar Ji Maharaj	Birth: Karnataka. Rajasthan: Nasirabad, Ajmer. Samadhi by Sallekhaka method: Chandragiri Tirtha.



-:15:-

Performance of Rajasthan in 16th Asian Shooting Championship, 2025

Why in News?

- Recently, Rajasthan won a total of 25 medals in the 16th Asian Shooting Championship, 2025 held in Shymkent, Kazakhstan.



Key Points:

Highlights:

Gold Medals-13	Silver Medals-8	Bronze Medals -4
Yashasvi Rathore (Skeet Junior Mixed Team)	Yashasvi Rathore (Skeet Individual Junior)	Manini Kaushik (50m Rifle Prone Individual Senior)
Uddhav Singh Rathore (Trap Junior Team)	Rajveer Rathore (Skeet Individual Youth)	Harshvardhan Singh Kaviya (Double Trap Senior Team)
Abhinav Chaudhary (50m Free Pistol Junior Team, 25m Sports Pistol Junior Team, 25m Rapid Fire Pistol Junior Team)	Yogesh Kumar (50m Free Pistol Individual Senior)	Bhanu Pratap Singh (Double Trap Senior Team)

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Umesh Chaudhary (50m Free Pistol Junior Team)	Abhinav Chaudhary (25m Sports Pistol Individual Junior)	Yadavendra Chundawat (Double Trap Individual Junior)
Kushagr Singh Rajawat (50m Rifle Prone Junior Team)	Manini Kaushik (50m Rifle Prone Senior Team)	
Anushka Singh Bhati (Shotgun Double Trap Individual and Senior Team)	Mohd. Hatim Khan (Double Trap Individual Junior)	
Girish Gupta (10m Air Pistol Mixed Junior Team and Individual Junior)	Girish Gupta (10m Air Pistol Junior Team)	
Dhirendra Singh Bhati (10m Air Rifle Youth Men)	Pankaj Jat (10m Air Pistol Junior Team)	
Mohini Singh (10m Air Pistol Junior Team)		

Other Important Points:

- **India's Performance:** Total Medals = 99 Medals.
- **Rank:** India > Kazakhstan > China



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8th Heroes Taekwondo Championship, 2025: Yogesh Kumar Sahu



Key Points:

- Yogesh Kumar Sahu of Rajasthan won the silver medal in the 8th Heroes Taekwondo Championship held in Thailand this year.
- **District:** Jaipur
- **Final:** Lost to the Chinese player.
- **Semi-final:** Entered the final by defeating the Bangladesh player.
- **Category:** Under-17, 48 kg category.



NEWS IN SHORTS ⚡

S. No.	News
1.	<p>'Reading Remediation' Campaign</p> <ul style="list-style-type: none">■ The 'Reading Remediation' campaign is launched by the Rajasthan Education Department from September 5, 2025 (Teachers' Day).● The objective of this campaign is to improve the reading ability of the students weak in reading from class 3 to 8 by providing additional practice and personal guidance.● This campaign will be conducted under the Chief Minister Shiksha Rajasthan Abhiyan. This campaign will be implemented in about 70 thousand schools of the state.
2.	<p>Machia Fort, Jodhpur</p> <ul style="list-style-type: none">■ Recently, the Union Minister of Culture and Tourism visited the Machia Fort in Jodhpur and announced the development of this fort as a tourist destination.● Machia Fort, located about 12 km from Jodhpur city, is from the princely era. It was originally a royal fort, which was converted into a prison by the British. During the year 1942 to 1943, many freedom fighters from different parts of the country were brought here and tortured.
3.	<p>77th State Level Suryamandal Football Cup - 2025</p> <ul style="list-style-type: none">■ Hanumangarh team won the title of 77th State Level Suryamandal Football Cup - 2025 held at Nawalgarh in Jhunjhunu.● In the final, Hanumangarh defeated Rajasthan Police Bikaner team in penalty shootout. 15 teams were participated in this tournament.

4.

Agreement between Laghu Udyog Bharati and Rajasthan University

- Recently, a Memorandum of Understanding (MoU) was signed between Laghu Udyog Bharati and Rajasthan University with the aim of increasing mutual cooperation and coordination in the fields of education, incubation and skill development.

5.

Kavach 4.0 in Rajasthan

- Recently, the work of converting a portion of railway track in Rajasthan into semi-high speed track for running trains at a speed of 160 kmph on Delhi-Mumbai railway line was completed.
- In Rajasthan, this track passes through Bharatpur, Karauli, Sawai Madhopur, Bundi, Kota and Jhalawar.
- On July 30, 2025, Kavach version 4.0 was commissioned in the 324 km rail section between Kota and Mathura.





INTERNATIONAL



Germany: The country in news



Why in News?

- The Prime Minister met the German Foreign Minister in New Delhi.



Key Points:

Geographical Location: In Europe

- **Capital:** Berlin
- **Bordering Countries:** Denmark to the north; Poland and Czech Republic to the east; Austria and Switzerland to the south; and France, Luxembourg, Belgium and the Netherlands to the west.

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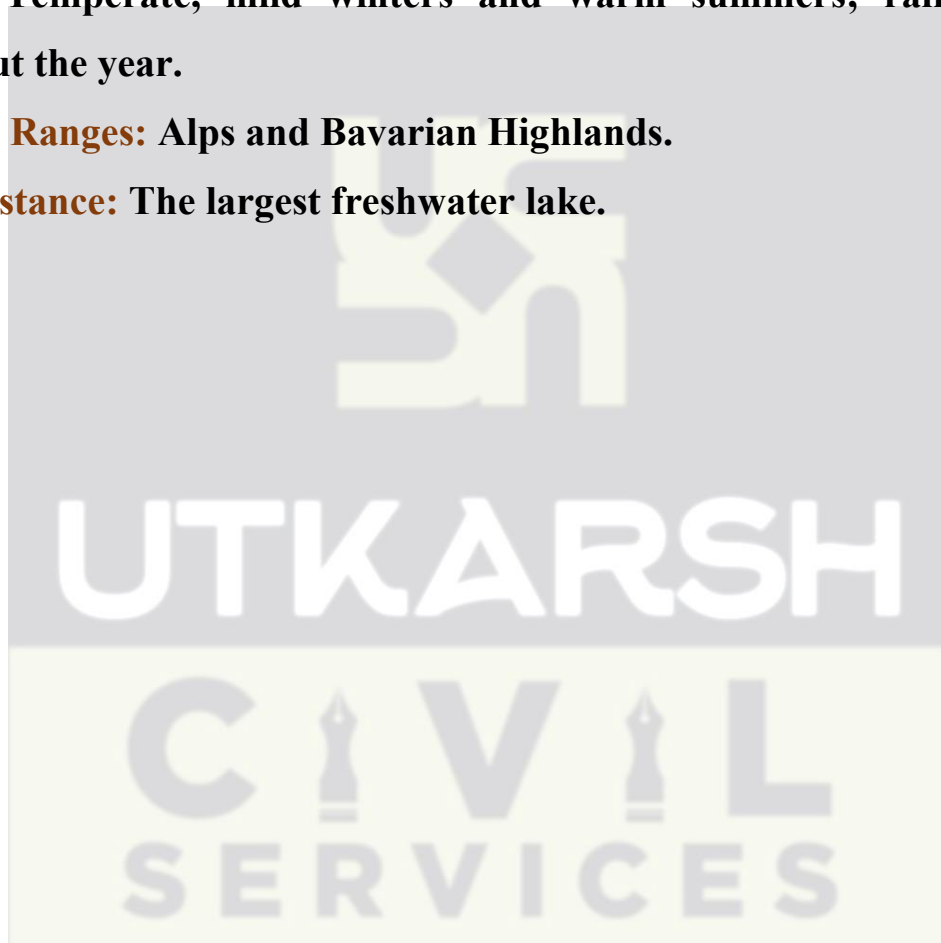
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- **Bordering Water Bodies:** It has the Baltic Sea to the northeast and the North Sea to the northwest and Both of them are connected by the Kiel Canal.

Geographical Features:

- **Rivers:** Rhine (longest river), Elbe, Danube.
- **Climate:** Temperate, mild winters and warm summers; rainfall occurs throughout the year.
- **Mountain Ranges:** Alps and Bavarian Highlands.
- **Lake Constance:** The largest freshwater lake.



⌚ SCIENCE & TECHNOLOGY ⌚

Fourth Edition on "Introduction to 2D Materials"



Why in News?

- NITI Aayog's Frontier Tech Hub in collaboration with Indian Institute of Science (IISc), Bengaluru released the fourth edition of its flagship Future Front Quarterly Insights Series titled "Introduction to 2D Materials". The report highlights the importance of 2D materials that are revolutionizing semiconductors, quantum technologies and other industries.



Key Points:

Definition and Importance of 2D Materials:

- 2D materials are thinner, about $1/80,000$ times the width of a human hair.
- These materials are 200 times stronger than steel and conduct electricity more efficiently than copper.
- Their use can revolutionize semiconductors, energy, electronics and quantum computing.

Why India should focus on 2D Materials:

- There is an opportunity for India to gain a competitive advantage globally in the 2D materials space.
- This sector can prove to be a key step towards promoting innovation in Indian science and technology and self-reliance.

Early investment benefits for India:

- Benefits such as product exports, energy savings, intellectual property ownership and strategic independence.
- Given the quantum limitations of silicon, Investing in 2D materials will empower India economically and strategically.

Advanced Anti-Doping Testing

Why in News?

- India has developed a rare and high-purity reference material (RM) for advanced anti-doping testing in collaboration between Guwahati-based National Institute of Pharmaceutical Education and Research (NIPER) and New Delhi-based National Dope Testing Laboratory (NDTL).

Key Points:

- **Developed Substance:** Methandienone Long-Term Metabolite (LTM).
- **Objective:** The reference material, called Methandienone Long-Term Metabolite (LTM), will significantly enhance the chances of identification for athletes using the performance-enhancing steroid Methandienone, even after months or years of the athlete having stopped taking it.
- This development boosts India's contribution to global anti-doping efforts.

Safety of Players:

- The aim of this reference material is to ensure the safety of players and discourage the use of prohibited substances.



INDEXES AND REPORTS



NITI Aayog Report: Pulses Development



Why in News?

- NITI Aayog released a report titled “Strategies and pathways for accelerating pulses development towards the goal of self-sufficiency”. The report presents a comprehensive roadmap to achieve self-sufficiency in pulses by 2047 and projects a significant increase in domestic production.



Key Points:

Pulses Sector of India:

- India is the largest pulses producer and consumer in the world.
- The pulses sector is dependent on rainfed areas with about 80% production and supports the livelihood of over 5 crore farmers.
- By 2022-23, production is projected to increase by 59.4%, reducing import dependence from 29% to 10.4%.

Self-Reliance Mission:

- The “Self-Reliance Mission in Pulses” announced in the Union Budget 2025-26 is a six-year initiative focused on tur, black gram and lentil.
- The mission aims to increase pulses production and make India self-reliant.

Agro-climatic Conditions of India:

- India has different agro-climatic conditions favourable for 12 pulse crops.
- **Major states:** Madhya Pradesh, Maharashtra, and Rajasthan, which contribute 55% of the production.

Pulse production Growth Projections:

- Domestic supply is projected to reach 30.59 MT by 2030.
- Domestic supply is likely to reach 45.79 MT by 2047.

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Strategies and Strategic Interventions:

- **Horizontal Expansion:** Utilization of unused land resources for high-yielding pulse crops and efficient inter-cropping.
- **Vertical Expansion:** Increasing yield through improved agricultural practices, seed treatment, and integrated approach of nutrient, pest, weed, water management.

District-wise Approach:

- Recommendation to apply “district-wise quadrant approach” to target high-potential clusters. The report particularly focuses on 111 high-potential districts that contribute 75% to national pulses production.

Recommendations:

- **Targeted crop-wise Clustering:** Area retention and diversification.
- **Improved seed Distribution and Treatment kits:** Focus especially on districts contributing to national production.
- **Village level centres:** Creation of “one block-one seed village” cluster-based centres facilitated by Farmer Producer Organisations (FPOs) to strengthen seed systems at the local level.
- **Climate Adaptation Measures:** Emphasis on proactive climate adaptation measures and development of data-based decision-support systems.



IMPORTANT DAYS



National Teachers' Day 2025



Key Points:

Teachers' Day in India (September 5, 2025):

- **Theme for 2025:** "Inspiring the next generation of learners".
- **Significance:** The day recognises the important role teachers in shaping the lives of students and nation building.
- **Friday, September 5:** The date honours the birth anniversary of India's second President and eminent educator, Dr Sarvepalli Radhakrishnan.
- Dr. Radhakrishnan received numerous honours, including the Bharat Ratna in 1954.

World Teachers' Day (October 5, 2025)

- **Origin:** World Teachers' Day is celebrated globally on October 5. It is an initiative of UNESCO, UNICEF, ILO and Education International.
- **Global Level:** Although Teachers' Day is officially celebrated on October 5, many countries celebrate National Teachers' Day on different dates. For example, the United States celebrates it in May.