

# Daily Current Affairs

Date : 25 September, 2025



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### Mahi Banswara Rajasthan Atomic Power Project (MBRAPP)



#### Why in News?

- On September 25, 2025, Prime Minister Narendra Modi laid the foundation stone for the Mahi Banswara Rajasthan Atomic Power Project (MBRAPP) in Banswara.



#### Key Points:

- **Location:** On the banks of the Mahi River in Banswara.
- **Reactors:** The project will install four nuclear reactors (700 x 4) with a capacity of 700 MW each.
- Power generation at this plant is expected to begin in 2033.
- **Initial cost:** ₹42,000 crore.
- **Type:** Pressurized heavy water reactor (PHWR)

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- **Fuel:** Natural uranium.
- **Coolant:** Moderator, Heavy Water (D<sub>2</sub>O)
- **Company:** Anushakti Vidyut Nigam Limited (Ashwini)
- This will be the 9th nuclear reactor to be installed in the country.

## Other Important Points:

- On May 9, 2025, the Atomic Energy Regulatory Board (AERB) issued consent for the siting of the Mahi Banswara Rajasthan Atomic Power Project (MBRAPP-1-4).
- According to the AERB, the proposed site is suitable for the construction and operation of a nuclear power plant.
- The Government of India and the Nuclear Power Corporation of India Limited (NPCIL) have already initiated plans for this project.
- This will be Rajasthan's second nuclear site to be established in Banswara.
- **Rajasthan's first nuclear project:** Rajasthan Atomic Power Project (RAPP) Rawatbhata, Chittorgarh.
- **PHWR:** A Pressurized Heavy Water Reactor (PHWR) is a type of nuclear power reactor that uses heavy water (deuterium oxide/D<sub>2</sub>O) as a coolant and neutron moderator and natural uranium as fuel.
- **Nodal agency for production, maintenance and monitoring of nuclear power in India:** Nuclear Power Corporation of India Limited (NPCIL)

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## Isarda Dam – Sawai Madhopur



### Why in News?

- Recently, the first phase of the Isarda Dam (Sawai Madhopur) was inaugurated by Prime Minister Narendra Modi.



### Key Points:

- This dam is being constructed on the Banas River near Isarda (Sawai Madhopur).
- Isarda Dam is important for the drinking water supply of Sawai Madhopur and Dausa districts.
- Its construction is scheduled to be carried out in two phases. In the first phase, the dam will be completed to its full fill level of RL 262 meters (filling capacity of 10.77 TMC).
- Water storage is limited to RL 256 meters (filling capacity of 3.24 TMC).
- In the second phase, the dam will be able to store water up to its full fill capacity of RL 262 meters.
- The revised administrative and financial approval for the first phase of the project is ₹1038.65 crore.

- This project will not only address the water crisis but also ensure efficient management of surplus water from the Bisalpur Dam and rainwater from the Banas River.
- Additionally, the Isarda Dam will supply drinking water to the Ramgarh Dam, Buchara, Chitoli, etc. dams under the Ram Jal Setu Link Project (Revised PKC-ERCP Link Project).

## Facts for Prelims:

**Banas River (Nicknames – Van Ki Asha, Varnasha, Vashishti)**

- **Origin** – Khamnaur Hills (Rajsamand)
- **Confluence** – Chambal River (Rameshwar Ghat, Sawai Madhopur)
- **Total length** – 512 km.

## Tributaries:

- **Left tributaries** – Kothari, Khari, Dai, Morel, Kalisil.
- **Right tributaries** – Ayad (Bedach), Menal.
- The Banas River is the longest river flowing exclusively in Rajasthan.

**Triveni Sangam – The Banas River forms the maximum number of Triveni Sangams (3) in Rajasthan.**

1. **Bigod, Bhilwara** – Banas, Bedach, Menal.
2. **Rajmahal, Tonk** – Banas, Khari, Dai.
3. **Rameshwar Ghat, Sawai Madhopur** – Banas, Chambal, Sip.

## Major dams built on the Banas River: (west to east)

1. Nandasmand Dam (Rajsamand)
2. Matrikundiya Dam (Chittorgarh)
3. Bisalpur Dam (Tonk)
4. Isarda Dam (Sawai Madhopur)

## Status of Urban Bodies in Rajasthan



### Why in News?

- Recently, the state government approved a proposal to create one municipal corporation each in Jaipur, Jodhpur, and Kota, instead of the two existing municipal corporations.



### Key Points:

- According to this decision, these cities will now have one mayor each, and the number of wards will also be reduced.
- Following this government decision, the state will have 309 urban bodies instead of 312.
- This decision will result in the Jaipur Municipal Corporation having 150 wards. Jaipur Greater and Heritage will cease to exist in the upcoming elections. Jodhpur and Kota will have one municipal corporation each, instead of two, with 100 wards each.

### Facts for Prelims (Economic Survey – 2024-25):

#### Development Authorities and Urban Trusts:

- The state government has established development authorities, urban trusts, Rajasthan Housing Board, Town Planning Office, Jaipur Metro Rail Corporation, etc. to meet the basic needs of the urban population in a systematic and coordinated manner.
- Seven development authorities (Jaipur, Ajmer, Jodhpur, Kota, Bharatpur, Bikaner, and Udaipur) and 10 urban trusts (Alwar, Abu, Barmer, Bhilwara, Chittorgarh, Jaisalmer, Pali, Sriganganagar, Sikar, and Sawai Madhopur) are functioning in the state for the convenience of citizens.

- **Smart Cities:** Four cities in Rajasthan – Jaipur, Udaipur, Kota, and Ajmer – have been selected for development as smart cities.

**Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAYN-ULM)**

- This mission is being effectively implemented in 213 urban local bodies of Rajasthan.





## Raju Mangodiwala - Overseas Coordinator for Telangana and Odisha States



### Why in News?

- Recently, businessman Raju Mangodiwala was nominated by the Rajasthan Foundation as Overseas Coordinator for the states of Telangana and Odisha.



### Key Points:

- The Rajasthan Foundation aims to connect with diaspora Rajasthanis in India and abroad and encourage their participation in the state's development.
- It provides a platform for diaspora Rajasthanis to contribute to the state's socio-economic development.
- The Rajasthan Foundation has established branches in 12 cities in India, including Chennai, Coimbatore, Kolkata, Surat, Mumbai, Bengaluru, Ahmedabad, Hyderabad, Indore, and abroad, including London (UK), New York (USA), and Kathmandu (Nepal).
- Additionally, approval has been granted to open chapters of the Rajasthan Foundation in Dubai (UAE), Munich (Germany), Riyadh (Saudi Arabia), Tokyo (Japan), Singapore, Melbourne (Australia), Nairobi (Kenya), Kampala (Uganda), and Doha (Qatar).
- **Chairman:** The Chief Minister of Rajasthan is the ex-officio Chairman of the Rajasthan Foundation.

### Facts for Prelims:

- **First Pravasi Rajasthani Day (December 10):** The Rajasthan Government will celebrate the 'First Pravasi Rajasthani Day' on December 10, 2025.



## NEWS IN SHORTS ⚡

S. No.	News
1.	<p><b>Dunes Aviation Academy: Hamirgarh (Bhilwara)</b></p> <ul style="list-style-type: none"><li>Recently, Chief Minister Bhajan Lal Sharma inaugurated the Dunes Aviation Academy in Hamirgarh, Bhilwara.</li><li>The Rajasthan government has launched the 'Rajasthan Civil Aviation Policy-2024' to accelerate the development of the aviation sector.</li><li>The objective of this policy is to provide new employment opportunities to the youth of the state and to make Rajasthan an aviation hub of the country.</li></ul>
2.	<p><b>IFTM Top Resa Travel Mart</b></p> <ul style="list-style-type: none"><li>The Rajasthan Tourism Department participated in the 'IFTM Top Resa Travel Mart' held in Paris, the capital of France.</li><li><b>Event:</b> September 23 to 25, 2025.</li><li>The Rajasthan Pavilion was inaugurated by Rajesh Kumar Yadav, Tourism Secretary of Rajasthan, at the IFTM Top Resa Travel Mart (Paris).</li></ul>
3.	<p><b>Rajplast – 2025</b></p> <ul style="list-style-type: none"><li>“Rajplast – 2025” was organized by the Plastic Manufacturers Association Rajasthan and PHD Chamber at JECC Sitapura (Jaipur).</li><li><b>Event:</b> September 19th to 21st, 2025.</li><li><b>Theme:</b> Growth with Sustainability.</li></ul>

4.

## **Dr. Mohan Choudhary**

- Recently, the Government of India appointed Dr. Mohan Choudhary from Rajasthan as the Technical Officer for the World Para Athletics Championships to be held in New Delhi.
- The World Para Athletics Championships 2025 will be held from September 27th to October 5th, 2025, at the Jawaharlal Nehru Stadium in New Delhi.
- This is the 12th edition of the World Para Athletics Championships and will be the largest para sports event ever held in India.

5.

## **‘AU Bano Champion’ Village Level Tournament**

- Recently, the 5th edition of the ‘AU Bano Champion’ Village Level Tournament was organized across Rajasthan.
- Objective: To develop a sports culture in 75 rural and semi-urban areas of Rajasthan, motivate youth to participate, promote discipline and skills, and provide structured training opportunities.

6.

## **‘Face of the Year 2025’: Ruchi Chaturvedi**

- Recently, Ruchi Chaturvedi from Jaipur won the ‘Face of the Year’ title at the ‘Pride of India Miss India 2025’.

7.

## **O-Arm Navigation Technology**

- Recently, a complex spine surgery was performed using ‘O-Arm Navigation Technology’ at Mahatma Gandhi Hospital, Jaipur.
- O-Arm Navigation is an advanced medical technology that provides real-time 2D and 3D images during spine surgery. This helps surgeons ensure precise navigation and accurate placement of implants (such as screws) in complex spinal structures.

8.

## **Chemical Pollution in the Bandi, Luni, and Jojri Rivers**

- Recently, the Rajasthan High Court issued a notice to the state government regarding the chemical-laden water pollution spreading in the Bandi River in Pali, the Luni River in Jodhpur, and the Jojri River.
- It is noteworthy that the issue of Jojri River pollution was also taken up suo motu by the Supreme Court.

9.

## **Recognition of 17 Political Parties in Rajasthan Cancelled**

- Recently, the Election Commission of India took action against inactive political parties and cancelled the registration of 17 unrecognized registered parties in Rajasthan.

10.

## **India's Second Largest Akshardham Temple: Jodhpur**

- Recently, the country's second largest Akshardham Temple, spread over 26.24 acres, was inaugurated in Kaliberi, Jodhpur.
- It is the second largest among the 10 major temples of the Swaminarayan sect built in 9 states of the country.

**CIVIL SERVICES**



### River Festival, 2025



#### Key Points:

- **Event:** September 25-27, 2025, Indira Gandhi National Centre for the Arts, New Delhi.
- **Organizer:** Ministry of Culture.
- **Edition:** Sixth edition.
- **Inaugurated by:** Union Jal Shakti Minister CR Patil.
- **National Seminar:** Titled "Riverscape Dynamics: Change and Continuity," this national symposium invites submissions on various themes linking rivers to ecological, cultural, and emotional narratives.

#### Sub-themes of the seminar will include:

1. Traditional River Knowledge and Wisdom.
2. Rivers in Deities and Folklore.
3. Rivers in Art.



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4. Craft Practices in and Around Rivers.
5. Science and Rivers.

**Other Key Points:**

**Major Rivers of India:**



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## World Food India 2025



### Key Points:

- **Event:** September 25-28, 2025, at Bharat Mandapam, New Delhi.
- **Edition:** Fourth edition.
- **Organizer:** Ministry of Food Processing Industries.
- **Collaborators:** Ministry of Agriculture and Farmers Welfare, Department of Fisheries, Animal Husbandry and Dairying, Ministry of MSME, APEDA, MPEDA, and various commodity boards.
- **Objective:** To promote innovation and investment in India's diverse food processing sector, as well as to make India a global hub for its rich food culture. ("Food Basket of the World")
- **Partner countries for World Food India 2025:** New Zealand and Saudi Arabia.
- **Focus countries:** Russia, United Arab Emirates, Japan, and Vietnam.
- **Inauguration of the event:** Prime Minister.
- This is the largest-ever event in the country's food processing sector.

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- A publication titled “Frequently Asked Questions on Different Concepts of Food Processing” was also launched on this occasion, which aims to dispel myths about processed foods and help consumers make informed choices by providing science-based information.
- Several parallel events will also be held during the event, including the 3rd Global Food Regulators Summit by FSSAI, the 24th India International Seafood Show by SEAI, and a reverse buyer-seller meet with over 1,000 buyers by APEDA.

**World Food India 2025 is based on five main pillars:**

**Sustainability and  
net-zero food  
processing**

**Making India a  
global hub**

**Advances in food  
processing and  
packaging  
technologies**

**Food products for  
nutrition and  
wellness**

**Livestock and marine  
products to boost  
rural economy**



## Develop India Buildathon, 2025



### Why in News?

- On September 22, 2025, the Union Education Minister launched the nationwide innovation campaign, 'Develop India Buildathon, 2025'.



### Key Points:

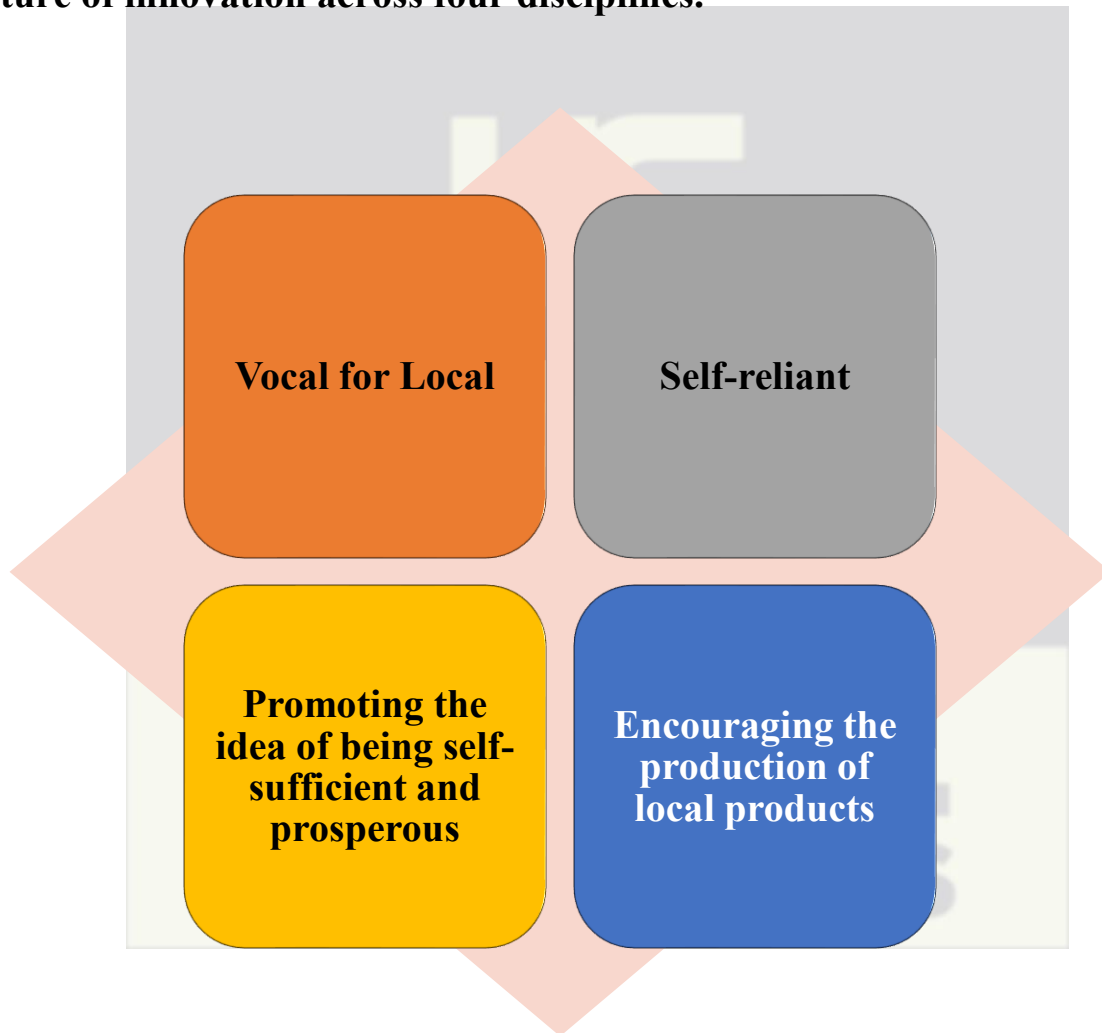
- **Objective:** To inspire creative thinking for national development, promote self-reliance and sustainable growth, engage schools in coordinated innovation, position India as a global innovation capital through a potential world record, and honor young problem-solvers on national and global platforms.
- **Launch:** September 23, 2025
- **Buildathon concludes:** January 2026, with over 1,000 winners to be honored.
- **Organized by:** Department of School Education and Literacy (DOSEL), Ministry of Education.

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- **Collaboration:** Atal Innovation Mission, NITI Aayog, and AICTE
- The jingle and logo of the Vikas Bharat Buildathon were launched during the event.
- The largest school hackathon ever will empower students to inculcate a culture of innovation across four disciplines.



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## Oju Hydroelectric Project



### Why in News?

- The Expert Committee of the Union Environment Ministry approved the 2,200 MW Oju Hydroelectric Project on the Subansiri River near the India-China border.



### Key Points:

#### Subansiri River:

- **Origin:** Tibet. It is the largest tributary of the Brahmaputra. It is a trans-Himalayan antecedent river.
- **Route:** It enters India in Arunachal Pradesh, flows through Assam, and joins the Brahmaputra River. This river is also called the "Gold River" because of the gold particles found in its waters.

## Barren Island Volcano

- 📣 **Why in News?**
- The Barren Island volcano in the Andaman Islands has erupted again.



📌 **Key Points:**

### Barren Island:

- **Location:** It is located in the Andaman Sea (Andaman and Nicobar Islands).
- It is located 138 kilometers northeast of Sri Vijayapuram (formerly Port Blair).
- **Characteristics:** It is India's only active volcano.
- **Type:** It is a type of stratovolcano, part of the Andaman volcanic arc.





## INTERNATIONAL



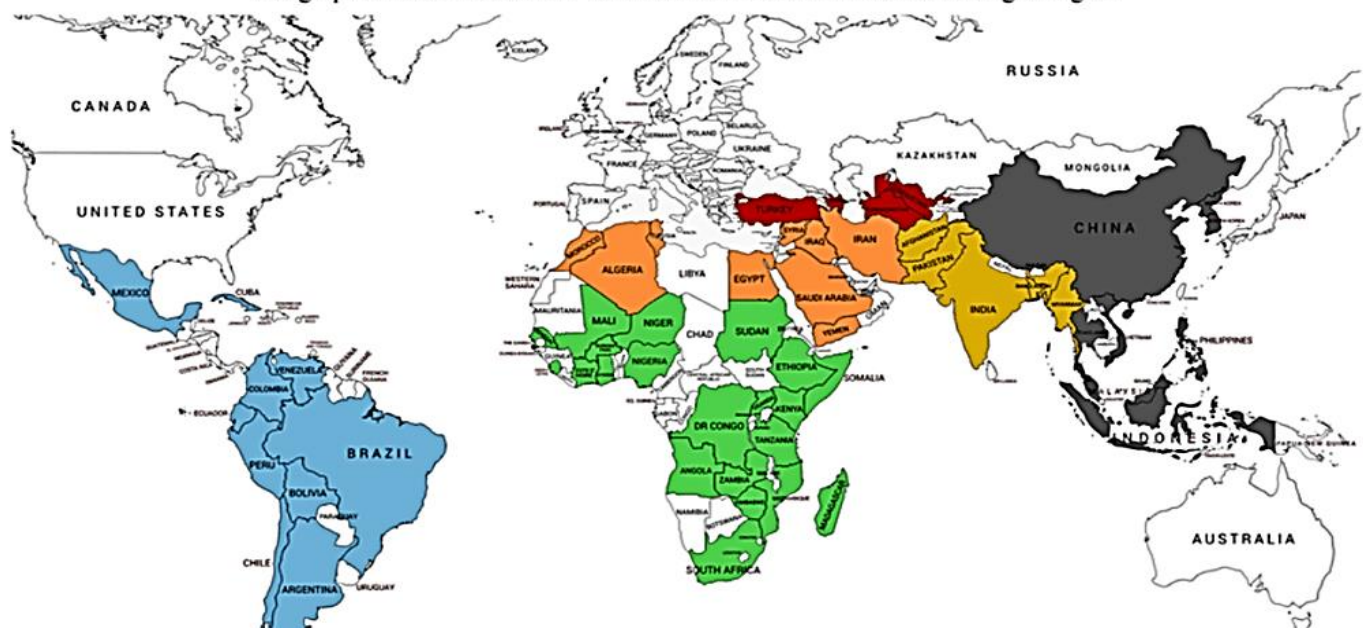
### High-Level Meeting of Global South Countries: New York



#### Why in News?

- On September 24, 2025, External Affairs Minister Dr. S. Jaishankar hosted a high-level meeting of Global South countries in New York on the sidelines of the 80th United Nations General Assembly session.

Geographical identification of countries in the Global South according to region



**Latin America & Caribbean**  
Argentina, Bolivia, Brazil, Chile, Colombia, Cuba, Ecuador, Mexico, Peru

**Europe & Central Asia**  
Azerbaijan, Turkey, Turkmenistan, Uzbekistan

**South Asia**  
Afghanistan, Bangladesh, India, Pakistan

**Sub-Saharan Africa**  
Angola, Burkina Faso, Cameroon, The Democratic Republic of Congo, Cote d'Ivoire, Ethiopia, Ghana, Kenya, Madagascar, Mozambique, Mali, Niger, Nigeria, Senegal, Sierra Leone, Somalia, South-Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe

**Middle East & North Africa**  
Algeria, Egypt, Islamic Republic of Iran, Iraq, Morocco, Qatar, Saudi Arabia, Syrian Arab Republic, Tunisia, Yemen

**East Asia & Pacific**  
China, Indonesia, Democratic People's Republic of Korea, Republic of Korea, Malaysia, Myanmar, Philippines, Singapore, Thailand, United Arab Emirates, Venezuela, Vietnam



#### Key Points:

#### Global South:

- The term Global South was first coined by political activist Carl Oglesby in 1969.

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- The Global South refers to countries often referred to as developing, less developed, or underdeveloped, primarily located in Africa, Asia, and Latin America.
- These countries typically experience higher levels of poverty, income inequality, and challenging living conditions compared to the wealthier countries of the Global North.
- Developing countries were previously commonly referred to as the "Third World," a term coined by Alfred Sauvy in 1952.

## India's Initiatives for the Global South:

- At the "Voice of the Global South Summit" hosted by India in January 2023, the Indian Prime Minister announced five initiatives to support the development of other developing countries.
1. **"Global South Centre of Excellence"**: For research on development solutions and best practices.
  2. **"Global South Science and Technology Initiative"**: To share Indian expertise in areas such as space technology and nuclear energy.
  3. **"Arogya Maitri" Project**: To provide essential medical supplies to any developing country affected by natural disasters or humanitarian crises.
  4. **"Global South Young Diplomats Forum"**: To provide a platform for young officials from foreign ministries.
  5. **"Global South Scholarships"**: To provide higher education opportunities in India to students from developing countries.

## US H-1B Visa Fees: Opportunities for India



### Why in News?

- The US move to increase H-1B visa fees emphasizes the need for India to strengthen its domestic innovation and technology ecosystem.



### Key Points:

#### Opportunities for India

- **Preventing brain drain:** India has STEM graduates and young professionals who can contribute to innovation and technological development within the country.  
**STEM:** Science, Technology, Engineering, and Mathematics.
- **Start-up ecosystem:** India is the third largest start-up hub in the world. Unicorn companies in fintech, ed-tech, and health-tech in India can benefit.
- **Policy support:** Government initiatives such as 'Start-up India,' 'Digital India,' 'Make in India,' and the 'Atal Innovation Mission' are being implemented to promote entrepreneurship and innovation.
- **Low cost and market advantage:** Low operating costs and a large domestic consumer base attract talent and investment.
- **Emerging Technologies:** Growing investment in sectors like AI offers India the opportunity to become the "Asian Silicon Valley."

#### Challenges for India

- **Research and Development (R&D) and Skills:** Only 0.7% of GDP is spent on research in India.
- **Infrastructure and Regulation:** Inadequate infrastructure and complex regulatory frameworks slow technological progress.
- **Intellectual Property Rights (IPR) and Commercialization:** Weak intellectual property protection and limited ability to transform research results into global products pose a major challenge.
- **Regional Cooperation:** Political tensions and regulatory differences hinder collaborative technology initiatives in South Asia.





## ENVIRONMENT & ECOLOGY



### Tamil Nadu Coastal Restoration Mission (TN-SHORE)



#### Key Points:

- TN-SHORE, approved in September 2025, is an ambitious ₹1,675 crore project.
- The project will be funded by the World Bank. It aims to strengthen Tamil Nadu's coastal economy and enhance its natural resilience.
- The main component of TN-SHORE is the restoration and plantation of mangroves across 1,000 hectares.
- The World Bank funding will be disbursed directly to village-level mangrove councils, which will comprise local people.
- In addition to mangroves, the initiative also aims to restore 30,000 hectares of marine area and protect endangered species such as dugongs and turtles.

#### Mangroves in India

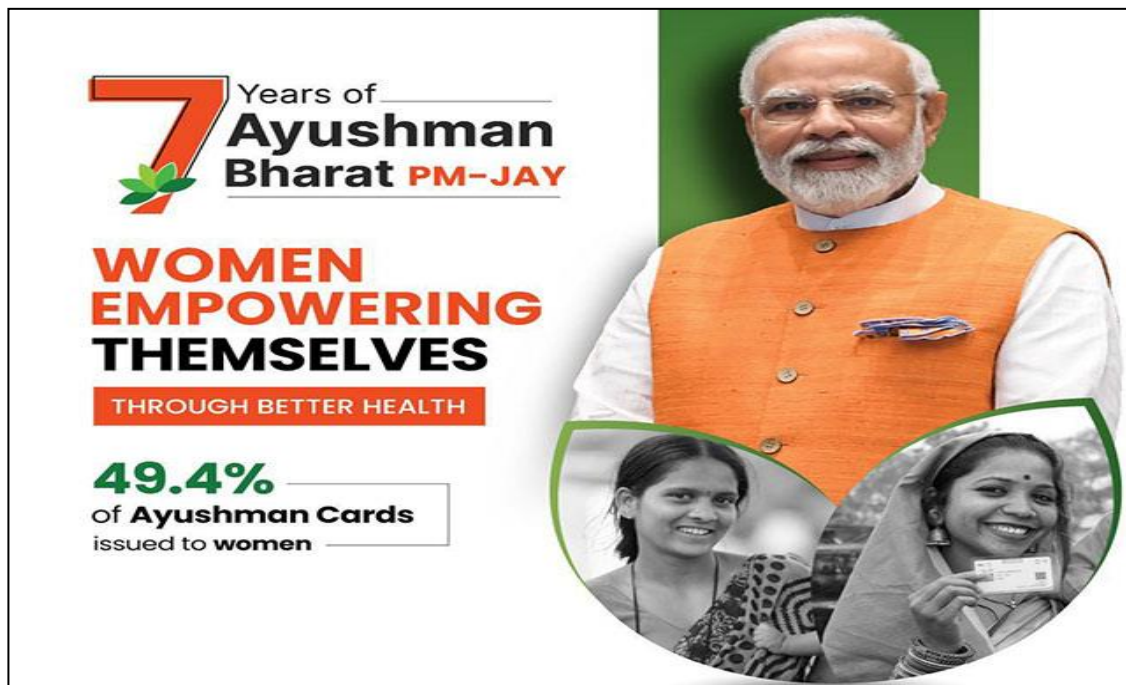
- According to the India State of Forest Report 2023 (ISFR-2023), the total mangrove area in the country is 4,991.68 square kilometers.
- Between 2001 and 2023, India recorded a net increase of 11.4% in mangrove area.
- West Bengal has the largest number of mangroves in India, followed by Gujarat.



## SCHEMES



### Ayushman Bharat: Pradhan Mantri Jan Arogya Yojana completes 7 years



#### Key Points:

- Largest publicly funded health insurance scheme.
- Union Cabinet approved health cover for senior citizens under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
- **Launch:** Launched in 2018, Ayushman Bharat is a flagship program of the Government of India, in line with the recommendations of the National Health Policy 2017 to realize the vision of universal health coverage (UHC).
- **Former name:** The scheme was formerly known as the National Health Protection Scheme (NHPS).
- **Ministry:** Ministry of Health and Family Welfare.
- **Type:** Centrally sponsored scheme under the Ayushman Bharat Mission.

- **Objective:** This initiative is aligned with the Sustainable Development Goals (SDGs), which aim to improve healthcare access at the primary, secondary, and tertiary levels through a comprehensive, continuum-of-care approach.
- **Target:** 120 million families (approximately 550 million beneficiaries), prioritizing the poorest 40% of the population.
- **Financing:** Fully funded by the government.
- **Financial sharing:** The central and state share is 60:40 (90:10 for the north eastern states and two Himalayan states (Himachal Pradesh and Uttarakhand) and Jammu and Kashmir).
- **Eligibility criteria:** All senior citizens aged 70 years or above, regardless of income.
- **Implementing agencies:** The National Health Authority (NHA) is an autonomous body chaired by the Union Minister of Health and Family Welfare.
- **State:** The State HA is headed by a CEO appointed by the state government.
- **District:** District Implementation Unit (DIU) headed by the District Collector.
- **Beneficiaries:** Identified through the Socio-Economic Caste Census-2011 (SECC-2011).

## Key Components:

### Ayushman Arogya Mandir (AAM)

- Provides a wide range of health services including preventive, promotive, rehabilitative, and curative care.
- Envisions offering services including maternal and child healthcare, care for non-communicable diseases, palliative and rehabilitative care, oral, eye, and ENT care, mental health, etc.



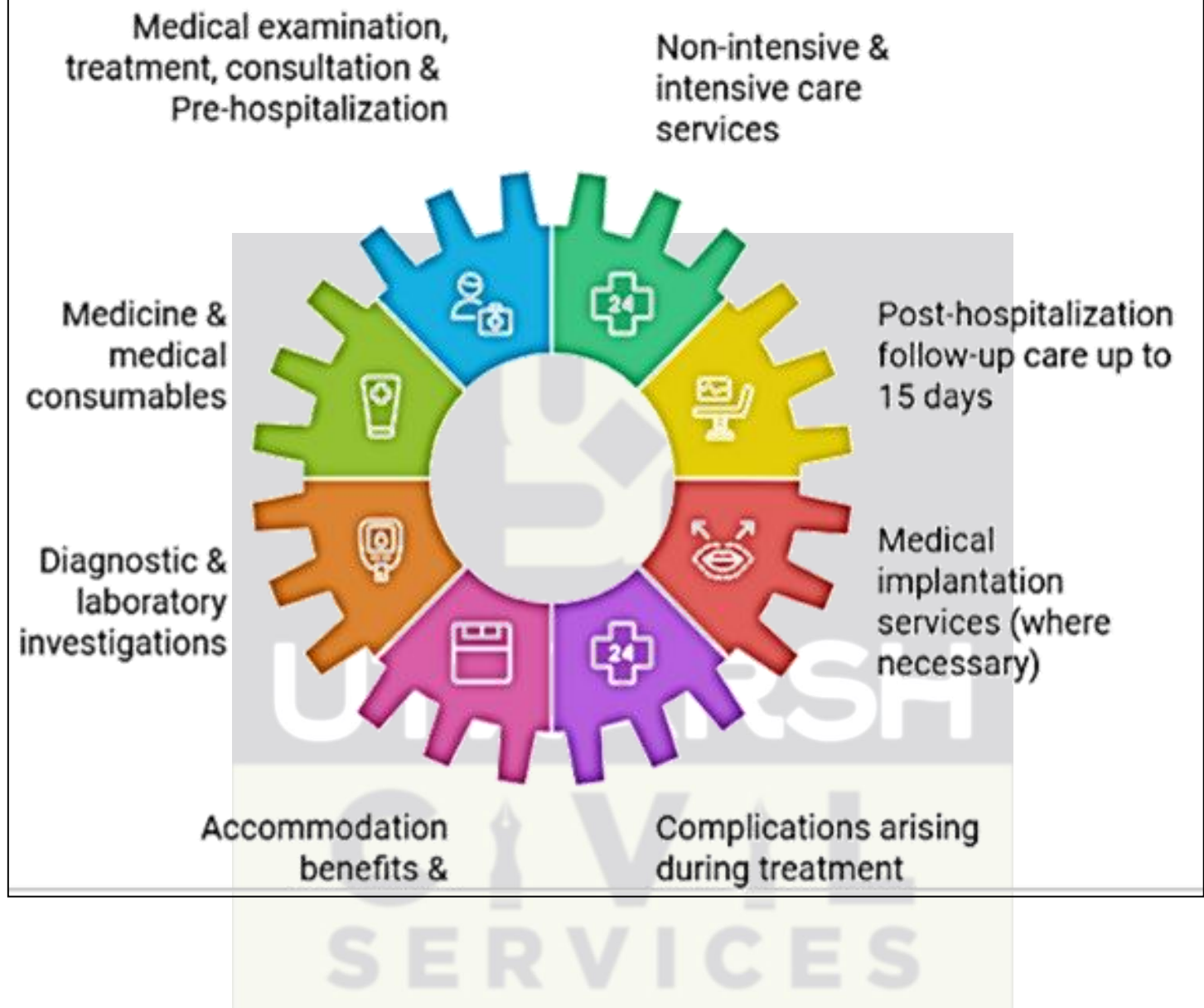
## Pradhan Mantri Jan Arogya Yojana (PM-JAY)

- Provides secondary and tertiary care hospitalization coverage of ₹5 lakh per family per year.
- Nationwide portability through listed public or private hospitals across India.
- Covers expenses up to 3 days before hospitalization and 15 days after discharge.
- Cashless and paperless health services at the point of care.
- No restrictions based on family size, age, or gender.



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## ECONOMIC SCENARIO



### Startup Conclave 2025



#### Why in News?

- On September 23, 2025, the Union Minister of Home Affairs and Minister of Cooperation inaugurated the Startup Conclave 2025 in Gandhinagar, Gujarat.



#### Key Points:

#### Highlights of the Conclave:

- The conclave was organized around the three mantras of innovate, elevate, and accelerate.

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## India's Startup Ecosystem:

- **India's Global Position:** In the eight years since the launch of 'Startup India' (2016), India has become the third largest startup ecosystem in the world.
- India's ranking in the Innovation Index in 2025 is 38th, and in the last ten years, India has also become the third largest digital ecosystem in the world.
- **Role of women:** 48% of the country's startups are founded by women, with 900 women-led startups in the Northeast.
- **Employment:** The startup ecosystem has provided permanent employment to 1.79 million people so far.
- **Number of startups in India:** Increased from 500 startups and 4 unicorns in 2014 to 192,000 startups and over 120 unicorns with a value of over \$350 billion in 2025.
- **Domestic situation:** Gujarat is among the top 5 states in the country with 16,000 startups, and Ahmedabad is among the top 4 cities with 6,650 startups.
- **Government's efforts:** Fund of ₹ 10 thousand crore, Startup India Seed Fund of ₹ 945 crore corpus, maximum loan limit increased from ₹ 10 crore to ₹ 20 crore, decided to give up to ₹ 20 lakh for proof of concept, approved funding of ₹ 50 lakh for prototype development and reduced GST to zero tax on income up to ₹ 12 lakh.

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## Other Important Points:



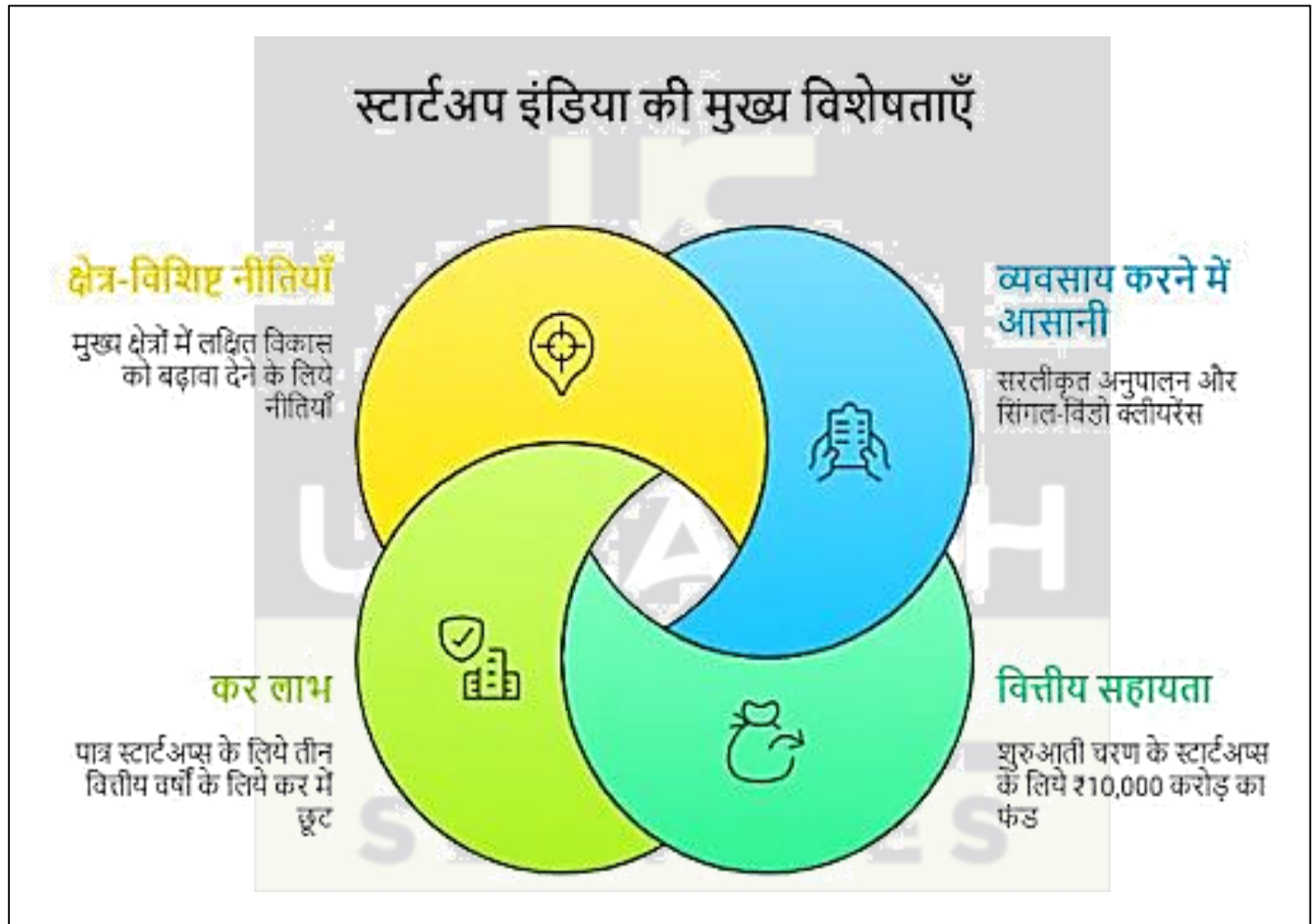
## Startup India Scheme:

- **Launched on:** January 16, 2016
- **Government Ministry:** Ministry of Commerce and Industry
- **Department:** Department for Industrial Policy and Promotion
- **Organized by the Department for Promotion of Industry and Internal Trade,** Startup India's primary objective is to eliminate certain restrictive state government policies, including:
  - License Raj
  - Land Permissions
  - Foreign Investment Proposals
  - Environmental Clearances



The Startup India Scheme is primarily based on three pillars:

- Providing funding support and incentives to various startups in the country.
- Providing industry-academia partnerships and incubation.
- Simplification and handholding.





## 🎓 POLITY 🎓

### Visakhapatnam Declaration: 28th National e-Governance Conference



#### Why in News?

- The Visakhapatnam Declaration was adopted to advance e-governance in India. It called for the entire government system to work together to strengthen public services with digital skills and develop a fast, data-driven system.



#### Key Points:

- **National Vision:** Promote inclusive, citizen-centric, and transparent governance, emphasizing minimum government, maximum governance.
- **Technology-driven Governance:** Provide multilingual, real-time, and sector-specific citizen services by adopting AI, ML, blockchain, GIS, IoT, and data analytics. It emphasizes the need for ethical and transparency.
- **Examples:** Digital India Bhashini, Digi Yatra, NADRES V2, etc.
- **Expansion of successful models:** Focus on nationwide expansion of models such as SAMPADA/Sampada 2.0 (Madhya Pradesh), e-Khata (Bengaluru), Rohini Gram Panchayat (Maharashtra), NHAI's Drone Analytics Monitoring System (DAMS), etc.
- **Grassroots and Inclusive Development:**
  - o **Geographical reach:** Expanding reach to areas with connectivity issues, such as the Northeast and Ladakh, under the National e-Governance Service Delivery Assessment (NeSDA) framework.
  - o Expansion of successful Panchayat digital models across the country, launching digital literacy programs targeting women and youth, etc.
- **Cybersecurity and Sustainability:** Implement technologies such as zero trust architecture, post-quantum security, and AI-based surveillance in priority sectors such as transportation, defense, and citizen service platforms.
- **Agriculture and Sustainability:** Providing farmers with better credit, advisory, and market access through the National Agri Stack.



## INDEXES AND REPORTS



### Solar PV Potential Assessment (Ground-Mounted) Report



#### Why in News?

- This report was released by the National Institute of Solar Energy (NISE) under the Ministry of New and Renewable Energy. It provides a policy-based and investment framework to guide project siting, infrastructure development, and increasing private sector participation.

### भूमि पर स्थापित क्षमता



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## Key Points:

- The report aims to fulfill India's Panchamrit commitments, achieving energy self-sufficiency by 2047 and net-zero emissions by 2070.

## Key Points of the Report:

- **New assessment of national solar potential:** While the potential was estimated at 749 GWp in 2014, it has now increased to approximately 3,343 GWp.
- **Geographical distribution:** Rajasthan and Maharashtra have the highest solar potential.
- Approximately 6.69% of the identified barren land in the country can be used for solar energy generation.

## Key challenges in fully realizing India's solar energy potential

- **Land acquisition:** Setting up large-scale solar parks requires significant land. For example, conflicts over grazing lands and biodiversity-rich desert ecosystems in Rajasthan and Gujarat.
- **Grid integration:** The lack of affordable energy storage technologies makes it difficult to effectively integrate weather-dependent solar power into the grid.
- **High initial costs:** Despite low module prices, the initial cost of setting up projects is high.
- **Others:** Financial pressure on power distribution companies (DISCOMs), dependence on imports for solar modules (about 80% imported from China), policy and regulatory uncertainty, and a lack of a skilled workforce.



## SPORTS

### Anandkumar Velkumar: Speed Skating



#### Key Points:

- **Competition:** World Speed Skating Championships, 2025
- **Event:** China
- **Anandkumar Velkumar:** India's Anandkumar Velkumar won the gold medal in the men's 42-kilometer marathon. He won two gold and one bronze medals.
- This is his third medal in this competition.
- 22-year-old Anandkumar became India's first speed skating world champion, just a few days after winning gold in the 1000 meters with a record time of 1:24.92 and bronze in the 500-meter sprint.
- In 2021, Anandkumar won a silver medal at the Junior World Championships, India's first medal at the international level.
- He also won a bronze medal at the World Games in early 2025.





## World Para Athletics Championships, 2025



### Key Points:

- **Host Country:** India (first time).
- **Official Logo and Mascot:** "Viraaj".

### "Viraaj":

- **Appearance:** As a young elephant equipped with a blade prosthesis.
- **Logo Unveiling:** By the Paralympic Committee of India (PCI) in New Delhi on June 20, 2025.

### Symbolism:

- Symbol of strength and courage.
- Message of resilience and inclusiveness.
- Spirit of para-athletes.




**VIRAAJ**

- **Event:** September 27 to October 5, 2025.
- **Edition:** 12th.
- **Venue:** Jawaharlal Nehru Stadium, New Delhi.
- **Medal Events:** 186
- **Participating Countries:** 100+ countries expected to participate.

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## ✂ NEWS IN SHORTS ⚡

S. No.	News
1.	<p><b>“Desi Food Matters” Initiative</b></p>  <ul style="list-style-type: none"><li>■ Launched on September 23, 2025, at Govardhan Eco Village in Wada, Palghar district, Maharashtra.</li></ul>
2.	<p><b>DRAVYA Portal</b></p> <ul style="list-style-type: none"><li>■ The DRAVYA portal was launched on the occasion of National Ayurveda Day.</li><li>■ <b>DRAVYA:</b> A digitized retrieval application for a versatile yardstick of AYUSH substances.</li><li>■ <b>Ministry:</b> An initiative of the Union Ministry of AYUSH.</li><li>■ It is the largest data repository of Ayurvedic ingredients and products, available to all.</li></ul>

3.

## Nightmare Bacteria

- An increase in cases of 'Nightmare Bacteria' infections has been reported in the United States.

### Nightmare Bacteria:

- 'Nightmare Bacteria' have developed resistance to all types of antibiotic treatments.
- They can share their resistance genes with other microbes.
- When antibiotics do not work on bacteria, the infection becomes extremely difficult to treat.

4.

## Economic Outlook Report

- The OECD has raised India's GDP forecast for 2025 to 6.7%, while lowering the inflation forecast to 2.9%.

### Economic Outlook Report:

- **Issued by:** Organisation for Economic Co-operation and Development (OECD). This report is published twice a year.
- It includes analysis of GDP, inflation, employment, trade, and investment. The report highlights risks associated with inflationary pressures, financial instability, and geopolitical tensions.

5.

## Super Typhoon Ragasa

- Super Typhoon Ragasa, recently in the news, is a powerful tropical cyclone that wreaked havoc in countries like the Philippines, Taiwan, Hong Kong, and China in September 2025.
- **Location:** It originated primarily in the western Pacific Ocean.
- **Intensity:** It was considered one of the strongest storms in the region, with winds exceeding 200 km/h. It can be classified as a Category 5 hurricane on the Saffir-Simpson scale, with wind speeds of 252 km/h or greater.