

🔳 Index 📑

Sr. No.	Topic		
1.	'Gram Panchayat Nayan' in the News		
2.	Pradhan Mantri Kisan Urja Suraksha Evam Utthan Maha Abhiyan		
	(PM KUSUM)		
3.	Hindustan Zinc's AI Hotspot Monitoring System in Debari		
4.	Rajasthan State Under-23 Men's Cricket Championship: 2025		
5.	Rajasthan in the Gender Parity Index (GPI)		
6.	News in Shorts		
	1. Dr. Rajni Verma		
	2. Justice Sanjeev Prakash Sharma: Acting Chief Justice of the		
	Rajasthan High Court		
	3. Two Rajasthan Players Receive 'Divyam Cricket Award'		
	4. Rajasthan Pavilion inaugurated at Japan Tourism Expo Aichi		
	5. Pandit Deendayal Research Chair		
	6. Use of Sakoras (earthen pots) from Pali in Indian Railways		
	7. Two scientists from Rajasthan included in the top 2 percent of		
	the world's scientists		
	8. Vaidya Banwarilal Gaur: Honored with the Dhanvantari		
	Award 2025		
7.	First Integrated Neuro-Rehabilitation Center: "Prayas"		
8.	National Vigilance Awareness Week Campaign		
9.	Develop India Run-2025		
10.	National Water Security Initiative		
11.	Mata Tripura Sundari Temple: Udaipur (Tripura)		
12.	India International Rice Conference (BIRC), 2025		
13.	First Sovereign Mobility Cloud: UAE		
14.	Chief Minister Women's Employment Scheme: Bihar		
15.	India's First National Geothermal Energy Policy		
16.	Kannada Writer Dr. SL Bhyrappa		
17.	National Geoscience Awards, 2025		

Date: 27 September, 2025







🦳 RAJASTHAN 😭



'Gram Panchayat Nayan' in the News



■ Recently, a Plastic Waste Management Unit (PWMU) was established in Gram Panchayat Nayan (Shahpura) of the Jaipur Zila Parishad.





Key Points:

- This is the first unit established under the Swachh Bharat Mission (Gramin) in Rajasthan.
- Objective: To better manage plastic waste in the rural areas of Panchayat Samiti Shahpura, reduce pollution, and provide relief to the public from its harmful effects.
- This initiative is an important step towards strengthening plastic waste management in rural areas and protecting the environment.
- Another similar unit is proposed to be established in Viratnagar (Jaipur).

Facts for Prelims:

Swachh Bharat Mission-Gramin (SBM-G)

- Launched: As a centrally sponsored scheme in 2014.
- Ministry: Ministry of Jal Shakti.
- Implementation: Department of Drinking Water and Sanitation (DDWS), Ministry of Jal Shakti.

Funding Pattern:

- 60:40 for all components between the Centre and the States.
- 90:10 for North-Eastern States and Himachal Pradesh, Uttarakhand, and the Union Territory of Jammu and Kashmir.

Date: 27 September, 2025



- Other Union Territories: 100% share is borne by the Centre.
- Incentive of ₹12,000: Under SBM, this amount is provided as assistance to all BPL families and certain identified APL families (SC/ST, families with disabilities, landless laborers with household land, small and marginal farmers, and women-headed families) for construction of individual household toilets.

Objectives of SBM-G:

- Phase I (2014-2019): To make the country open defecation free (ODF) by the 150th birth anniversary of Mahatma Gandhi (October 2, 2019). To this end, work was underway to provide toilet facilities to all rural families.
- Phase II (2019-2025): Launched in 2020.
- Objective: To ensure "total sanitation" in rural areas.
- Under this initiative, household toilets and proper waste management systems are being constructed to develop villages as ODF Plus models. The focus is on ensuring that no village/family is left behind.

Other important points:

List of villages adopted by all state universities in Rajasthan:

S.No.	Name of University	Adopted Village
1	Maharshi Dayanand Saraswati University, Ajmer	Padampura
2	Raj Rishi Bhartrihari Matsya University, Alwar	Bamboli
3	Maharaja Surajmal Brij University, Bharatpur	Kathera Chauth
4	Rajasthan University of Veterinary and Animal Sciences, Bikaner	Garhwala
5	Maharaja Ganga Singh University, Bikaner	Swaroopdesar
6	Swami Keshwanand Rajasthan Agricultural University, Bikaner	Kawni



7	Jagadguru Ramanandacharya Rajasthan Sanskrit University, Jaipur	Jaysinghpura
8	University of Rajasthan, Jaipur	Tatiawas
9	Rajasthan University of Health Sciences, Jaipur	Beelwa
10	Sri Karan Narendra Agriculture University, Jobner (Jaipur)	Sundarpura
11	Jai Narain Vyas University, Jodhpur	Salawas
12	Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur	Bhatinda
13	Sardar Patel University of Police, Security and Criminal Justice, Jodhpur	Daikra
14	Agriculture University, Jodhpur	Khudiyala
15	Agriculture University, Kota	Kanwas
16	Vardhman Mahaveer Open University, Kota	Dhaneshwar, Bundi
17	University of Kota, Kota	Jameetpura, Bundi
18	Rajasthan Technical University, Kota	Raithal, Baran
19	Pt. Deendayal Upadhyaya Shekhawati University, Sikar	Kolida
20	Mohanlal Sukhadia University, Udaipur	Kailashpuri, Udaipur
21	Maharana Pratap University of Agriculture and Technology, Udaipur	Madar and Brahmanon ki Hundar, Udaipur
22	Govind Guru Tribal University, Banswara	Bortalab, Banswara



Date: 27 September, 2025

Pradhan Mantri Kisan Urja Suraksha Evam Utthan Maha Abhiyan (PM KUSUM)

- Why in News?
- Recently, the Central and State governments have set a target of providing solar pumps to 5,500 farmers in Jaipur under Component B of PM KUSUM.









Key Points:

- This scheme is providing electricity for agriculture to more than 170,000 farmers in the state.
- Rajasthan is among the top three states in Component B of the scheme.

PM KUSUM Scheme:

- Launch: March 2019
- Nodal Ministry: Ministry of New and Renewable Energy.
- Objective: To ensure energy security for farmers and to fulfill India's commitment to increase the share of installed capacity of electric power from non-fossil-based sources to 40 percent by 2030.

The scheme has three components:

Component A:

- To install 10,000 MW of solar capacity through the installation of individual plants ranging from 500 kilowatts (kW) to 2 MW.
- To install solar power plants within a five-kilometer radius of notified substations to avoid high transmission line costs and losses.
- The electricity generated is purchased by the local distribution company at a pre-determined tariff set by the respective State Electricity Regulatory Commission (SERC).
- Note: Component A in Rajasthan was initially implemented by the Rajasthan Renewable Energy Corporation Limited (RRECL), which was transferred to the Rajasthan Discoms on July 23, 2024, as per the directive of the Energy Department of the Government of Rajasthan.

Date: 27 September, 2025



Component B:

- To install 20 lakh standalone solar-powered agricultural pumps.
- This component provides for the installation of standalone solar-powered agricultural pumps ranging from 3 to 10 horsepower (HP), with the maximum subsidy applicable for pumps up to 7.5 horsepower.
- Farmers who do not have an agricultural electricity connection for irrigation and rely on diesel-based pump sets are eligible to install solar power pump systems under this scheme.
- The farmer's share under this scheme is 40 percent. The remaining 60 percent is contributed equally by the Government of India and the Government of Rajasthan, 30 percent each.
- Of this 40 percent, farmers can borrow up to 30 percent from banks, and the remaining 10 percent must be paid by the farmer.
- Note: Component B is being implemented in Rajasthan through the Horticulture Department.

Component C (Feeder-Level Solarization)

- The Ministry of New and Renewable Energy issued guidelines on December 4, 2020, for the implementation of feeder-level solarization under Component C of the PM-KUSUM scheme, wherein grid-connected solar power plant capacity can be installed through CAPEX mode or RESCO mode to meet the annual power requirement of one or more individual agricultural feeders.
- The Ministry has approved a target of solarizing 400,000 pump sets.

Date : 27 September, 2025



Hindustan Zinc's AI Hotspot Monitoring System in Debari

Why in News?

Recently, Hindustan Zinc Limited installed an 'AI Hotspot Monitoring System' in Debari, Udaipur, with the aim of increasing production capacity and efficiency.



Key Points:

- This system will help improve the reliability and efficiency of electrical equipment.
- This digital solution detects power fluctuations in real time and sends alerts via WhatsApp and email.

Facts for Prelims:

- Hindustan Zinc Limited (HZL), a Vedanta Group company, is the world's largest integrated zinc producer and one of the top 5 silver producers globally.
- **■** Founded in 1966.
- **Headquarters:** Udaipur (Rajasthan)
- The company launched EcoZen, Asia's first 'low carbon green zinc' brand, in 2024.
- Hindustan Zinc Limited is the first Indian company to join the International Council on Mining and Metals (ICMM) in 2025.

Date: 27 September, 2025



Rajasthan State Under-23 Men's Cricket Championship: 2025

- Why in News?
- Recently, Udaipur defeated Jaipur by 155 runs to win the Rajasthan State Under-23 Men's Cricket Championship: 2025.





- Venue: Sawai Man Singh Stadium, Jaipur.
- Man of the Match: Pushpendra Singh (Udaipur)
- Man of the Series: Rohan Rajbhar (Jaipur)
- Best Batsman: Raj Sharma (Jaipur)
- Best Bowler: Hrithik Audhichya (Udaipur)

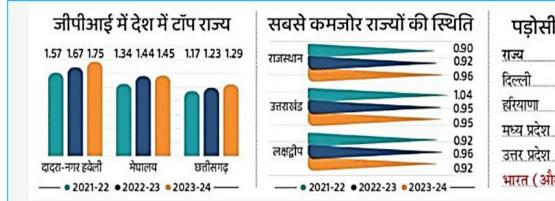
UTKARSH S E



Rajasthan in the Gender Parity Index (GPI)

Why in News?

According to the Central Government's Gender Parity Index (GPI), Rajasthan is among the weakest states in the country in terms of girls' participation in higher secondary education.







Key Points:

- Only 96 girls are enrolled per 100 boys at the higher secondary level in Rajasthan. The national average GPI for 2024-2023 was 1.07, placing Rajasthan behind the national average.
- Only Uttarakhand (0.95) and Lakshadweep (0.92) lag behind Rajasthan.
- Girls' participation in elementary classes is better in Rajasthan, as indicated by a GPI of 1.03 up to the 5th grade, meaning there are more than 100 girls in school for every 100 boys.

Rajasthan's GPI data:

Year	Enrollment Equality Status (1 means full equality)
2021-22	0.90
2022-23	0.92
2023-24	0.96

Date: 27 September, 2025



Facts for Prelims:

Major schemes run by the state government for the socio-economic empowerment of women:

Educational Development:

Beti Bachao, Beti Padhao Scheme.

Economic Development:

- Chief Minister Nari Shakti Udyam Protsahan Yojana.
- Chief Minister Nari Shakti Training and Skill Development Scheme.
- Chief Minister Work from Home-Job Work Scheme.
- Panna Dhai Suraksha and Samman Yojana.

Social Welfare:

- Chief Minister Kanyadaan Scheme.
- Widow Marriage Gift Scheme.
- **■** LPG Cylinder Subsidy Scheme.
- Pradhan Mantri Matru Vandana Yojana.
- Kishori Balika Yojana.
- **■** Women's Development Programme.
- Chief Minister's Mass Marriage and Grant Scheme.
- **Lado Incentive Scheme.**
- Kalibai Bhil Udaan Scheme.
- 181 Women's Helpline.
- Protection of Women from Sexual Harassment at Workplace (Prevention, Prohibition and Redressal) Act, 2013
- Three-tier Women's Solution Committee.
- Kalibai Bhil Women and Child Development Research Institute.
- State Hub for Women's Empowerment "Mission Shakti" Social Security:
 - Social Security.
- Indira Gandhi National Old Age Pension Scheme.
- Chief Minister's Single Women's Honor Pension Scheme.
- Division-level 'Nari Niketan' / State-level 'Mahila Sadan'.

Daily Current Affairs Date: 27 September, 2025 Date: 27 September, 2025





S. No.	News		
1.	Dr. Rajni Verma		
	UPESM 2025 World Congress on Medical Physics and Biomedical Engineering 29 September - 4 October 2025 Adelaide Convention Centre, Australia ■ Dr. Rajni Verma, Assistant Professor in the Department of Radiological Physics at Sawai Man Singh Medical College,		
	Jaipur, has been specially invited to the 'World Congress on Medical Physics and Biomedical Engineering' to be held at the		
	Adelaide Convention Centre in Australia. Event: September 29 to October 4, 2025		
2.	Justice Sanjeev Prakash Sharma: Acting Chief Justice of the		
	Recently, Justice Sanjeev Prakash Sharma was appointed as the Acting Chief Justice of the Rajasthan High Court by the President of India, invoking Article 223 of the Constitution. Justice Sanjeev Prakash Sharma was appointed on September 27, 2025, following the retirement of Justice Kalpathi Rajendran Sriram.		



Date: 27 September, 2025

3. Two Rajasthan Players Receive 'Divyam Cricket Award'

- Recently, the Differently Abled Cricket Council of India (DCCI) presented the 'Divyam Cricket Award' to two Rajasthan players.
- **Event:** Jaipur.

5.

- **Winner:** Surendra Khorwal Best Emerging Player.
- Former Ranji Captain Rohit Jhalani Leadership and Motivation Award.

4. Rajasthan Pavilion inaugurated at Japan Tourism Expo Aichi

■ Recently, Rajasthan Tourism Commissioner Rukmini Riar inaugurated the Rajasthan Pavilion at the Japan Tourism Expo Aichi held in Tokyo, Japan.

Pandit Deendayal Research Chair



- On the occasion of Pandit Deendayal Upadhyay's 109th birth anniversary, Rajasthan Assembly Speaker Vasudev Devnani announced the establishment of "Pandit Deendayal Research Chairs" in the state's universities.
- The objective of this chair will be to conduct research on Pandit Deendayal Upadhyay's vision, thoughtfulness, and philosophy, which gave a new direction to Indian politics.

-::13::-

Date: 27 September, 2025



6. Use of Sakoras (earthen pots) from Pali in Indian Railways

■ Recently, Railway Minister Ashwini
Kumar Vaishnav announced that
Sakoras (earthen pots) manufactured in
Pali will be used at all railway stations in
India.



7. Two scientists from Rajasthan included in the top 2 percent of the world's scientists



Swami Keshvanand Institute Of Technology, Management & Gramothan, Jaipur



Congratulations!

On being Featured in the list of "World's 2% Scientists"

For 2025



Dr. Pankaj Dadheech
Department of Computer
Science & Engineering

Ms. Priyanka Sharma Department of Computer Science & Engineering

A Study conducted by Stanford University, and published by Elsevier BV, a leading scientific publisher.

UTKARSH SERVICES

Date: 27 September, 2025

- Recently, a list of the world's top 2 percent of scientists was released by Stanford University in the US and Elsevier BV in the Netherlands.
- Professor Dr. Pankaj Dadhich and Assistant Professor Priyanka Sharma from the Department of Computer Science and Engineering at Swami Keshwanand Institute of Technology (SKIT), Jaipur, were included in this list.
- Both were awarded this honor for their outstanding research work in the field of artificial intelligence and image processing.

8. Vaidya Banwarilal Gaur: Honored with the Dhanvantari Award 2025

- Recently, Vaidya Banwarilal Gaur of Jaipur was honored with the Dhanvantari Award 2025 at the 10th National Ayurveda Day celebrations held at the All India Institute of Ayurveda, Goa.
- He was awarded this honor for his outstanding work in the fields of Ayurveda education, medicine, research, and writing.
- Vaidya Banwarilal Gaur, honored with the President's Award, is the former Vice Chancellor of Dr. Sarvepalli Radhakrishnan Ayurveda University, Jodhpur, and the former Director of the National Institute of Ayurveda, Jaipur.



Date: 27 September, 2025



First Integrated Neuro-Rehabilitation Center: "Prayas"



■ On the occasion of the 10th Ayurveda Day, the Ministry of AYUSH unveiled "Prayas," an integrated neuro-rehabilitation center, at the All India Institute of Ayurveda (AIIA), Goa.



- "Prayas" is one of the first multidisciplinary centers of its kind in the country.

 It brings together Ayurveda, physiotherapy, yoga, speech therapy, occupational therapy, and modern pediatrics on a single platform.
- The launch of "Prayas" reflects AIIA's vision of pioneering innovative integrated models that address complex healthcare challenges.

Date: 27 September, 2025



Vigilance Awareness Week Campaign





- The Government e-Marketplace (GeM) has launched a special campaign during Vigilance Awareness Week titled "Listen to GeM, Be Vigilant, Be Responsible."
- Objective: To encourage buyers to adopt best practices, comply with regulations, and take advantage of GeM's built-in security measures.
- GeM is also expanding opportunities for startups, self-help groups, artisans, weavers, and FPOs through eight dedicated #VocalForLocal outlets and curated market pages.

Date: 27 September, 2025



Develop India Run-2025



■ The Ministry of Youth Affairs and Sports, in collaboration with the Ministry of External Affairs, is organizing the Develop India Run-2025 at over 150 locations in 91 countries as part of the Seva Pakhwada (September 17 to October 2).





Join us for

Viksit Bharat Run 2025

m Sunday, 28 September 2025 11:00 hrs

Yenue: Westbroek Park, Kapelweg 35, 2587 BK The Hague

Assembly Point: Near children's play area (https://shorturl.at/6EyBQ)

> To Register: https://shorturl.at/8NiuP



Let's run together for Service, Sustainability & Swachhta!





Date: 27 September, 2025



- **Tagline:** "Run to Serve the Nation"
- Objective: To bring together Indians living abroad, local communities, students, professionals, and friends of India to reaffirm their commitment to the vision of a Develop India by the year 2047.
- The Develop India Run is being organized as a 3- to 5-kilometer community run at iconic and accessible locations around the world. Most of the runs will be held on September 28, 2025.
- The run will cover the Angel of Independence in Mexico City, the UNESCO World Heritage Site in Paramaribo, Suriname, the Golden Gate Bridge in San Francisco, and many other iconic locations and famous monuments from around the world.
- Vikas Bharat Run 2025 is emerging as one of India's largest global outreach initiatives. It is not only a fitness and community activity, but also a global celebration of India's values of service, sustainability, and inclusiveness.

Date: 27 September, 2025



National Water Security Initiative

₩ Why in News?

■ The Minister of Agriculture and Farmers Welfare and the Minister of Jal Shakti jointly launched the National Initiative on Water Security in New Delhi.

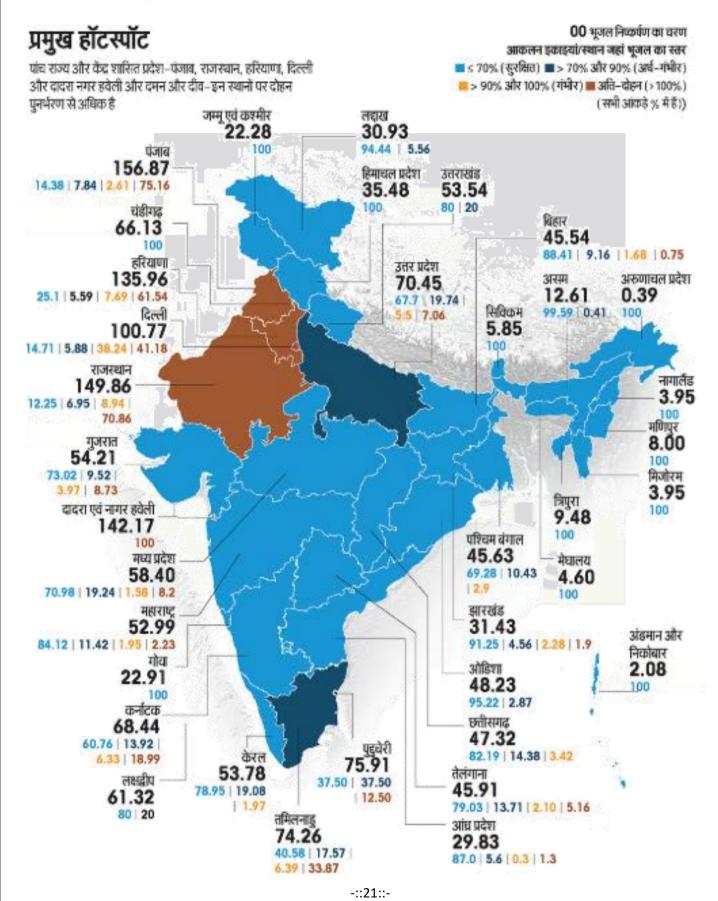


- A certain portion of funds under MNREGA will be mandatorily spent on water conservation works.
- 65 percent of MNREGA funds will be allocated for water-related works in over-exploited and stressed rural blocks, while 40 percent will be spent on water conservation in semi-stressed rural blocks.

Date : 27 September, 2025



Other Important Points:





Date: 27 September, 2025

Mata Tripura Sundari Temple: Udaipur (Tripura)

Why in News?

The Prime Minister inaugurated the redeveloped Mata Tripura Sundari Temple, one of the 51 Shakti Peethas worshipped by Hindus, in Udaipur, Tripura.

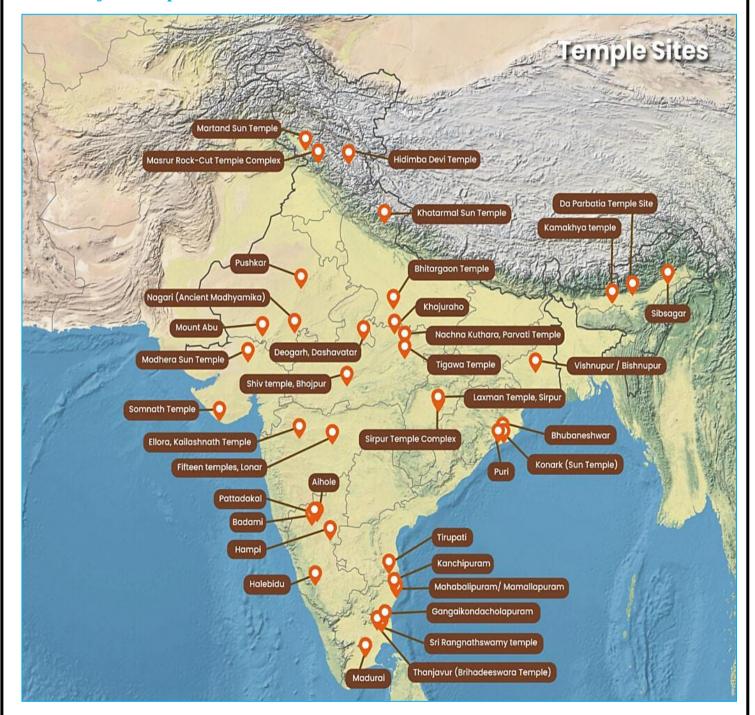


- This temple was renovated under the PRASAD scheme (National Mission on Pilgrimage Rejuvenation and Spiritual Heritage Augmentation Drive-PRASHAD).
- It is considered one of the most sacred Hindu temples in this part of the country. Known as Matabari, the temple is situated on a small mound because the mound is shaped like the hump of a tortoise (Kurma), and this shape is called Kurmaprishthaakriti.



The main sanctum, a box-like structure with a three-tiered roof and a shikhara, was built in 1501 by Tripura Maharaja Dhanya Manikya and is built in the Bengali Ek Ratna style.

Major Temples of India:





Date : 27 September, 2025



India International Rice Conference (BIRC), 2025

₩ Why in News?

■ The India International Rice Conference (BIRC) 2025 will be held on October 30 and 31, 2025, at the Bharat Mandapam in New Delhi.



- It is the world's largest rice conference, with farmers, global buyers, and stakeholders.
- Organized by: Indian Rice Exporters Federation (IREF) jointly with the Agricultural and Processed Food Products Export Development Authority (APEDA), a nodal agricultural and processed food export promotion authority under the Ministry of Commerce and Industry, Government of India.
- Objective: To bring together various stakeholders in the rice value chain, such as rice exporters, rice importers, research and development, on a single platform.

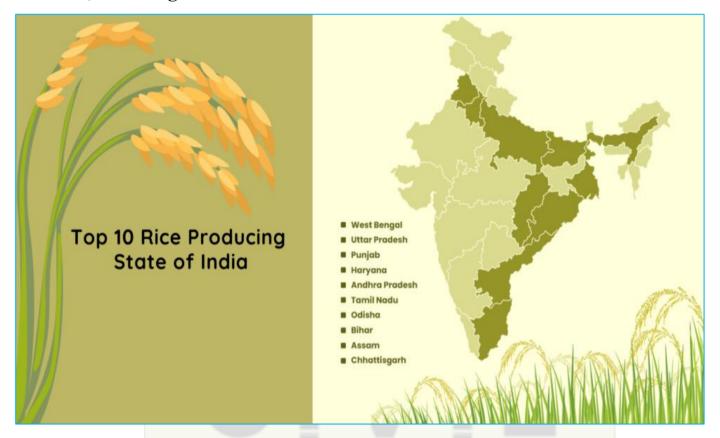




Other Important Points:

Rice Production in India:

■ India is now the largest producer of rice globally and the largest exporter of rice, including Basmati rice.



- West Bengal is the largest rice-producing state in India, contributing 13 to 15 percent of India's total rice production due to its favorable climate and fertile soil.
- Major rice-growing states in India include West Bengal, Punjab, Uttar Pradesh, Andhra Pradesh, and Tamil Nadu. All these states contribute significantly to the country's overall rice production.

2025

C 1 V 1 L SERVICES

Date : 27 September, 2025

SCIENCE & TECHNOLOGY !

First Sovereign Mobility Cloud: UAE

₩ Why in News?

The UAE has unveiled its first Sovereign Mobility Cloud at the Dubai World Congress for Self-Driving Transport, marking a major step in the country's autonomous mobility strategy.



Key Points:

- Powered by Core42's sovereign public cloud and Microsoft Azure, this platform establishes a secure digital infrastructure for next-generation transportation.
- The Sovereign Mobility Cloud is designed to accelerate autonomous mobility while ensuring that all data is hosted in the UAE and governed under national regulations.
- It will support high-definition mapping, telematics, fleet operations, traffic management, and digital twins, creating a trusted environment for collaboration between government, industry, and research institutions.
- This initiative will also enable live traffic management, fleet tracking, and the integration of autonomous vehicles, as well as provide regulatory sandboxes and test centers to foster innovation.

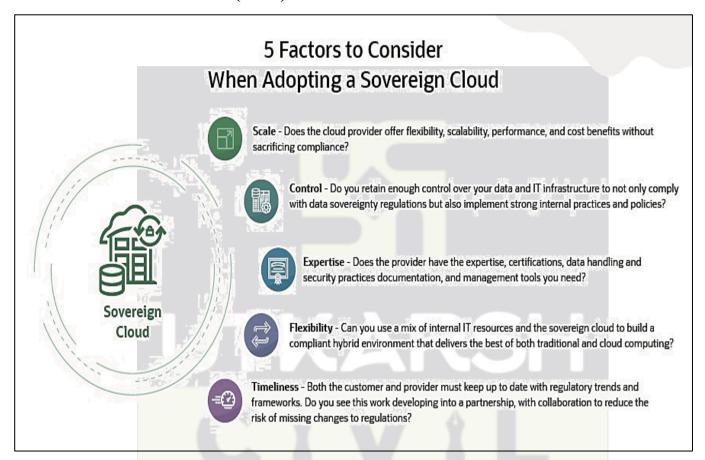
Other Key Points:

■ Sovereign Mobility Cloud (Sovereign Cloud): A cloud computing solution that complies with the laws and data sovereignty rules of a particular country or region, ensuring data remains within the country's borders and is not controlled by foreign entities.

Date : 27 September, 2025



■ CLOUD Act: The Lawful Foreign Use of Data Clarification Act, or CLOUD Act, is a US federal law enacted in 2018 as an amendment to the Stored Communications Act (SCA) of 1986.



Benefits of Cloud Sovereignty:

- 1. Technical solutions and expertise may not be available to companies internally: Digital sovereignty can lead to difficult changes on the technological front, especially if an organization wants to maintain interoperability and portability. A well-organized sovereign cloud provides both regulatory compliance and open standards.
- 2. Operational best practices: A sovereign cloud provider will have strong operational controls, such as authorized key access for customers or the ability to bring their own keys, as well as governance, logging, and technical support. This is critical for many organizations, such as the intelligence community.





- **3.** Business and continuity assurance: A sovereign cloud, deployed and maintained by a top-tier provider, offers all the scalability, business continuity and disaster recovery, redundancy, portability, and performance of a firstclass cloud—plus digital sovereignty.
- 4. Supply chain adequacy: A cloud service provider that offers a sovereign cloud can often go beyond the capacity of a single customer organization to provide the servers, networks, chips, cabling, and energy, facilities, staffing, and training needed for 24/7 availability.
- Geopolitical Resilience: A sovereign cloud service provider with global reach 5. can help organizations address challenges posed by military conflicts, economic hardships, climate change, and other large-scale disasters, and can aid sustainability.



Date: 27 September, 2025





Chief Minister Women's Employment Scheme: Bihar



■ On September 26, 2025, the Prime Minister launched the Bihar Chief Minister Women's Employment Scheme through video conferencing.



Key Points:

- During the program, the Prime Minister directly transferred ₹10,000 each to the bank accounts of 7.5 million women in Bihar, totaling ₹7,500 crore.
- Objective of the scheme: To make women self-reliant and promote women's empowerment through self-employment and livelihood opportunities.
- Financial assistance: Under this scheme, each beneficiary will be provided an initial grant of ₹10,000 through direct benefit transfer, with the possibility of additional financial assistance of up to ₹2 lakh in subsequent phases.
- Beneficiaries can use this assistance amount in the fields of their choice, including agriculture, animal husbandry, handicrafts, sewing and weaving, and other small-scale enterprises.

-::29::-



Indian Government Schemes:

Scheme Name	Launch Date	Ministry
Agniveer Scheme (Agnipath	14 June 2022	Ministry of Defence
Defence Policy Reform)		
Antyodaya Anna Yojana	25 December	Ministry of Consumer Affairs,
	2000	Food and Public Distribution
Atal Bhujal Yojana	25 December	Ministry of Jal Shakti
	2019	
Ayushman Bharat Yojana	23	Ministry of Health and Family
	September	Welfare
	2018	
Deen Dayal Upadhyaya	25	Ministry of Rural Development
Grameen Kaushalya Yojana	September	
	2014	
Digital India	1 July 2015	Ministry of Electronics & IT and
	IV	Ministry of Finance
Mission COVID Suraksha	12	Ministry of Science and
	November	Technology
	2020	
Mission Karmayogi	2 September	Ministry of Personnel, Public
	2020	Grievances and Pensions
Mission Sagar	May 2020	Ministry of External Affairs
NIRVIK Scheme (Export	1 February	Ministry of Commerce and
Credit Guarantee Scheme)	2020	Industry
Pradhan Mantri Adarsh Gram	23 July 2010	Ministry of Rural Development
Yojana		

PM-AASHA (Annadata Aay	September	Ministry of Agriculture &
	_	·
Sanrakshan Abhiyan)	2018	Farmers Welfare
Pradhan Mantri Awas Yojana –	1 April 2016	Ministry of Rural Development
Gramin		
Pradhan Mantri Gram Sadak	25 December	Ministry of Rural Development
Yojana	2000	
Pradhan Mantri Awas Yojana –	25 June 2015	Ministry of Housing and Urban
Urban		Affairs
Pradhan Mantri Fasal Bima	18 February	Ministry of Agriculture &
Yojana	2016	Farmers Welfare
Pradhan Mantri Innovative	10 October	Ministry of Education
Learning Programme	2019	
(DHRUV)		
Pradhan Mantri Kaushal Vikas	16 July 2015	Ministry of Skill Development
Yojana	4 N/	and Entrepreneurship
Pradhan Mantri Krishi Sinchai	1 July 2015	Ministry of Agriculture, Rural
Yojana		Development & Jal Shakti
Pradhan Mantri Matru	1 September	Ministry of Women and Child
Vandana Yojana	2017	Development
Pradhan Mantri Matsya	10	Ministry of Fisheries, Animal
Sampada Yojana	September	Husbandry and Dairying
	2020	
Pradhan Mantri Mudra Yojana	8 April 2015	Ministry of Finance
Pradhan Mantri Suraksha	9 May 2015	Ministry of Finance
Bima Yojana		

PM-KISAN (Kisan Samman	24 February	Ministry of Finance
Nidhi)	2019	
Pradhan Mantri Jan Dhan	28 August	Ministry of Finance
Yojana	2014	
Pradhan Mantri Jeevan Jyoti	9 May 2015	Ministry of Finance
Bima Yojana		
Mahila Samman Saving	27 June 2023	Ministry of Finance
Certificate (MSSC)		
Pradhan Mantri Vaya Vandana	4 May 2017	Ministry of Finance
Yojana		
Atal Pension Yojana	1 May 2015	Ministry of Finance
PM POSHAN (Nutrition	8 March	Ministry of Women and Child
Mission)	2018	Development
PM Street Vendor's	1 June 2020	Ministry of Housing and Urban
AtmaNirbhar Nidhi (PM		Affairs
SVANidhi)		
Pradhan Mantri Swasthya	March 2006	Ministry of Health and Family
Suraksha Yoja <mark>na</mark>	KVI	Welfare
Pradhan Mantri Ujjwala	1 May 2016	Ministry of Petroleum and
Yojana		Natural Gas
Sahakar Mitra Scheme	11 June 2020	Ministry of Agriculture &
		Farmers Welfare
Sansad Adarsh Gram Yojana	11 October	Ministry of Rural Development
	2014	

Scheme for Adolescent Girls	1 April 2011	Ministry of Women and Child Development
SERB-POWER Scheme	29 October 2020	Ministry of Science and Technology
Smart Cities Mission	25 June 2015	Ministry of Housing and Urban Affairs
Stand-Up India	5 April 2016	Ministry of Finance & Ministry of Social Justice and Empowerment
Sukanya Samriddhi Yojana	22 January 2015	Ministry of Women and Child Development
SATAT (Sustainable Alternative Towards Affordable Transportation)	1 October 2018	Ministry of Petroleum and Natural Gas
SVAMITVA Yojana	24 April 2020	Ministry of Panchayati Raj
Swachh Bharat Mission	2 October 2014	Ministry of Jal Shakti & Ministry of Housing and Urban Affairs





India's First National Geothermal Energy Policy

Why in News?

■ The Ministry of New and Renewable Energy (MNRE) has released the National Geothermal Energy Policy, which marks the beginning of India's first structured geothermal roadmap. This policy is directly linked to India's Net Zero 2070 target and the expansion of its clean energy portfolio.

Key 1

- Launch: September 17, 2025
- Policy Goal: Integrate geothermal energy with India's net zero and renewable energy goals. It has potential for diverse applications, including power generation, space heating and cooling, agriculture, tourism, and desalination.

 Provisions:
- 1. Regulatory: The policy establishes the MNRE as the regulatory, monitoring, and implementing body. It encourages collaboration between ministries, global partnerships, and private sector participation.
- 2. The framework also emphasizes hybrid energy models (such as solar + geothermal) and the reuse of abandoned oil wells for geothermal extraction.
- 3. Identified Geothermal Provinces: India has identified 10 geothermal provinces with high potential. These include the Himalayas, the Cambay Basin, the Aravalli Range, the Mahanadi Basin, and the Godavari Basin. Other potential areas include the Sohna, West Coast, Son-Narmada-Tapti, and South India Craton.
- 4. Technology and Innovation: The policy prioritizes research and development (R&D), pilot projects, and incentives for indigenous innovation in geothermal technologies.

Date: 27 September, 2025

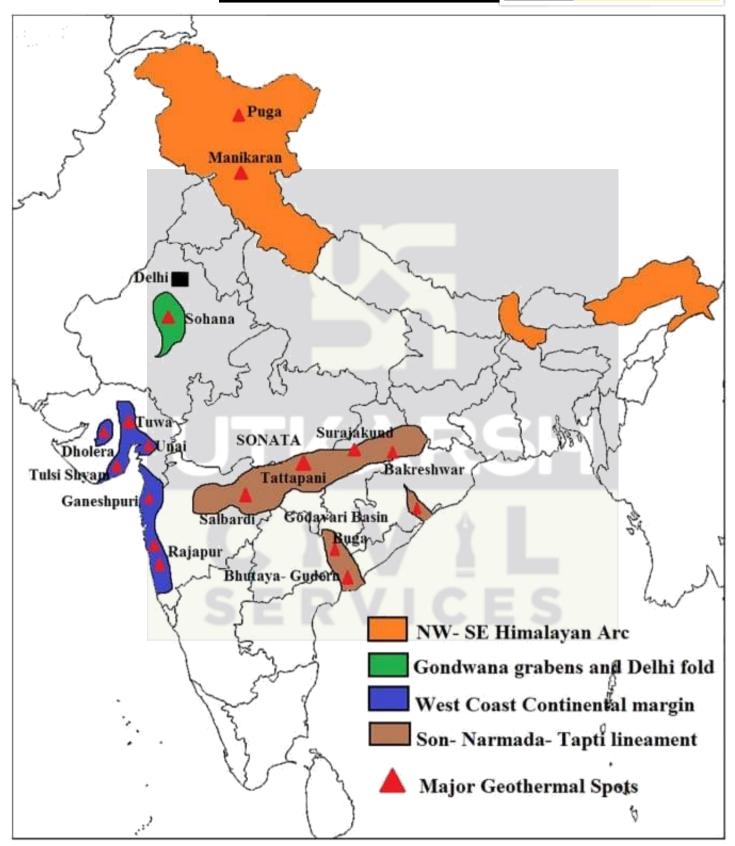


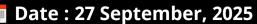
Other Key Points:

- Geothermal energy: It is derived from the Earth's internal heat and is not considered volatile like solar or wind energy. It is a renewable source available 24/7. It can be used for power generation, heating and cooling systems, greenhouse agriculture, and desalination.
- Beneath the Earth's crust lies a layer of hot and molten rock called magma, which is constantly heated by the decay of naturally occurring radioactive substances such as uranium and potassium.
- Target: Achieve 500 GW of non-fossil fuel capacity by 2030.
- India's renewable capacity by 2024: Over 180 GW, making India one of the top five renewable energy producers in the world.
- India's estimated geothermal potential: 10 GW (highest: US, Indonesia, and the Philippines).
- Major sites of geothermal energy in India: Puga geothermal field, Chhumathang geothermal field, Manikaran geothermal field, Beas valley, Sutlej and Spiti valley, Tapoban geothermal field, Chamoli, Uttarakhand and Alaknanda valley, Tatapani geothermal field, Salbardi field, Anhoni- Samoni field, Ankeshwar, Godavari graben, Andaman-Nicobar region, Damodar valley valleys, Western thermal province, Cambay geothermal field, Konkan geothermal province, Sohna thermal field, Tuwa and Chabsar geothermal field (Gujarat) and Lasundra geothermal province etc.



Date : 27 September, 2025





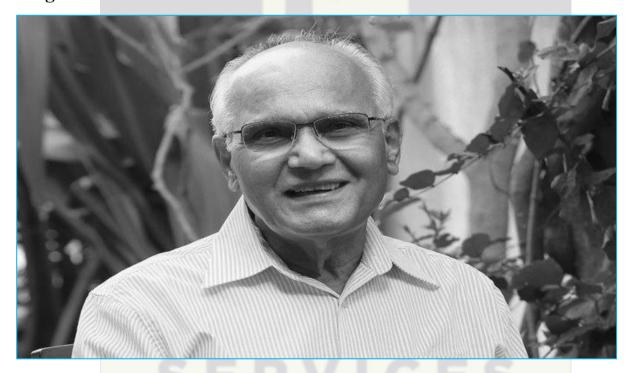




Kannada Writer Dr. SL Bhyrappa

Why in News?

■ Recently, renowned Kannada writer Dr. SL Bhyrappa passed away in Bengaluru.





- Bhyrappa wrote over 25 novels, which sparked public debate and intellectual discussion due to their themes and thought-provoking stories. Some of his most famous novels include Vamshavriksha, Daatu, Parva, Grihabhanga, Avaran, Nayi Neralu, and Saartha.
- He has received the highest honors of literature, including the Padma Bhushan in 2023 and the Saraswati Samman in 2010, and was also awarded the Sahitya Akademi Fellowship in 2015.

Date: 27 September, 2025



₹ AWARDS **₹**

National Geoscience Awards, 2025

Why in News?

On September 26, 2025, the President presented the National Geoscience Awards 2024 for outstanding contributions in the field of geology at a function held at the Cultural Centre of Rashtrapati Bhavan.



- Establishment: The National Geoscience Awards (known as the National Mineral Awards until 2009), instituted in 1966 by the Ministry of Mines, Government of India, are one of the oldest and most prestigious awards in the field of geology in the country.
- Objective: To honour individuals and teams for exceptional achievements and outstanding contributions in various fields of geology, such as mineral exploration and prospecting, mining technology and mineral enrichment, and fundamental/applied geology.
- Eligibility: Any citizen of India who has made significant contributions in any field of geology is eligible for the award.

Date : 27 September, 2025



The Ministry of Mines annually presents the National Geoscience Awards in the following three categories:

- Twelve awards have been finalized under these three award categories, including nine individual and three team awards.
- National Young Geologist Award: Susobhan Niyogi; Senior Geologist, Geological Survey of India
- National Geoscience Award for Lifetime Achievement: Shyam Sundar Rai National Geoscience Awards:

Individual Awards: Jai Krishna Pandey, Dr. Ranjit Kumar Singh, Dr. Vedula Venkata Subrahmanya Srinivasa Sarma, Dr. Mekala Ram Mohan, Prof. Gulam Jeelani, Prof. Sanjit Kumar Pal and Prof. Mukat Lal Sharma.

Team Awards:

- 1. Harman Mahanta, Senior Geologist,
- 2. Utpol Kumar Das, Senior Geologist,
- 3. Shyam Kumar Sangamreddy, Senior Geologist, and
- 4. Sai Kumar Samla, Geologist

Team Awards:

- 1. Navjeet Singh Nayyar, Director,
- 2. Amit Kumar, Senior Geologist,
- 3. Tripti Baba, Senior Geologist, and
- 4. Dr. Sandeep Kumar, Geologist

Team Awards:

- 1. Mrs. Shraddhanjali Subhadarshini, Superintending Geologist,
- 2. Mr. Supriya Chakraborty, Senior Geologist, and
- 3. Mr. Jaydeep Mukherjee, Director