

# Daily Current Affairs

 Date : 09 October, 2025



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## RAJASTHAN



### 'Knowledge Enhancement Program' for Farmers



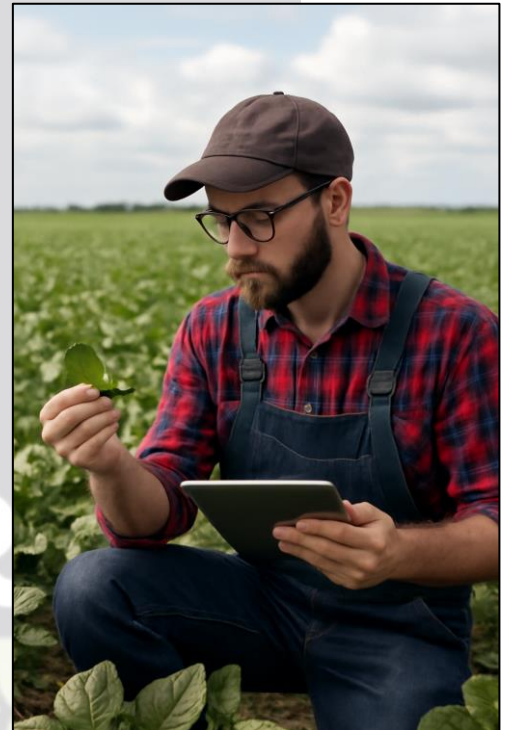
#### Why in News?

- Under the Rajasthan government's 'Knowledge Enhancement Program,' the first group of 38 progressive farmers from the state recently arrived in Copenhagen (Denmark).



#### Key Points:

- This group is being represented by three state government ministers: Zoraram Kumawat, Otaram Dewasi, and Jawahar Singh Bedham.
- In view of innovations in agriculture, horticulture, and animal husbandry, the main sources of income for the state's farmers, the first phase of the Denmark tour has been scheduled, through which farmers will be able to learn about innovations taking place in Denmark in the agriculture and dairy sectors.
- It is worth noting that the state government is conducting a 'Knowledge Enhancement Program' to enhance the capacity of farmers under the budget announcement for the financial year 2024-25.
- Under this program, farmers from Rajasthan will be taken on tours to various countries by the state government.
- During this exposure visit, farmers will gain information about the latest technologies and innovations.



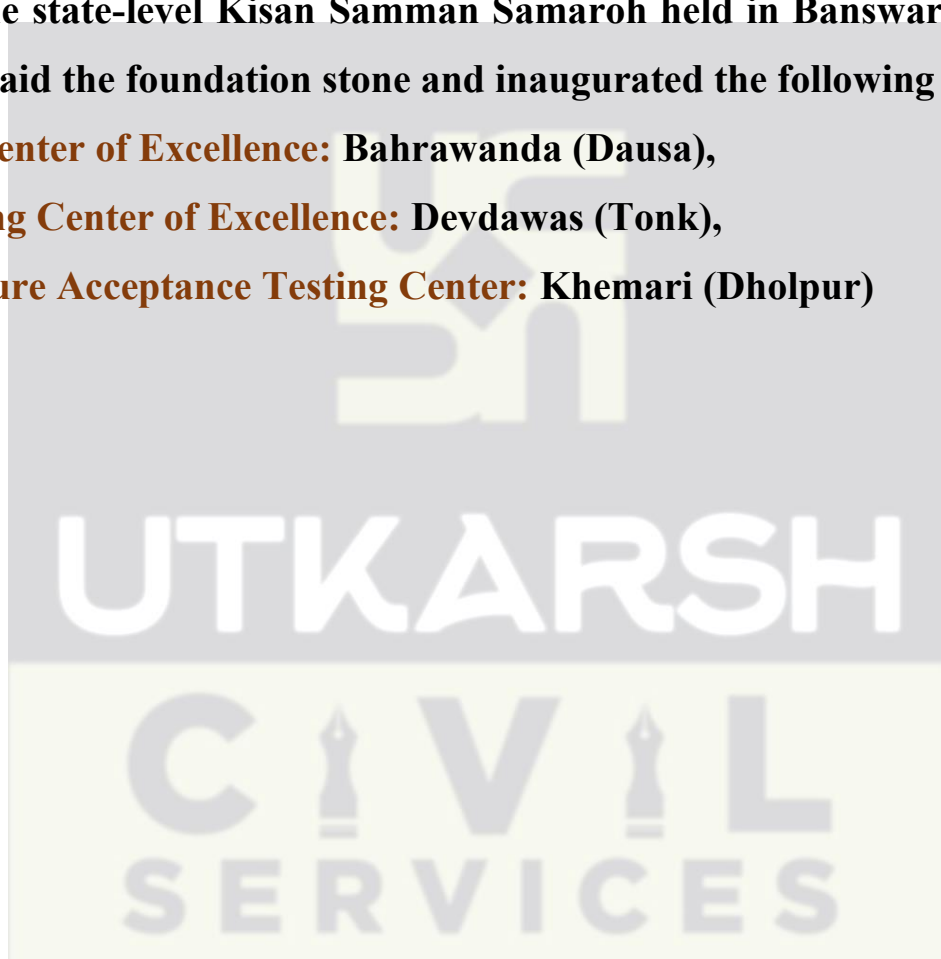
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## Facts for Prelims:

- On August 2, 2025, a state-level Kisan Samman Samaroh was held in Banswara, where the 20th installment of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme was released to farmers.
- During the state-level Kisan Samman Samaroh held in Banswara, the Chief Minister laid the foundation stone and inaugurated the following centers:
- **Papaya Center of Excellence:** Bahrawanda (Dausa),
- **Beekeeping Center of Excellence:** Devdawas (Tonk),
- **Horticulture Acceptance Testing Center:** Khemari (Dholpur)



-:3:-

## Rajivika's 'Unnati Incubation Hub' Initiative



### Why in News?

- Recently, the Rajasthan Rural Livelihoods Development Council (Rajivika) signed a Memorandum of Understanding (MoU) with two organizations: the Ruma Devi Foundation and ARCH College of Design and Business, under the 'Unnati Incubation Hub' initiative.



### Key Points:

- **Objective of the 'Unnati Incubation Hub' initiative:** To strengthen skill development, entrepreneurship promotion, and sustainable livelihood creation for rural and tribal women.
- **Rajivika and Ruma Devi Foundation MoU:** Under this agreement, both organizations will work jointly to enhance women's skills, promote entrepreneurship, and strengthen market access, enabling rural and tribal women to become self-reliant and support their products to reach national and global platforms.

### Rajivika and ARCH College of Design and Business MoU:

- This agreement will strengthen product design, development, and market relevance for rural artisans and women members of Self-Help Groups (SHGs) in Rajasthan. The two organizations will work together in areas such as research, design conceptualization, prototype development, branding, and capacity building to promote sustainable livelihoods and empower rural women artisans.

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## Facts for Prelims:

### Rajasthan Rural Livelihoods Development Council (RGAVP) or Rajivika

- The Rajasthan Rural Livelihoods Development Council (RGAVP) or Rajivika was established in 2010, by the Government of Rajasthan as an autonomous body under the administrative control of the Rural Development Department.
- It is a registered society under the Rajasthan Societies Act, 1958.
- **Chairperson:** Chief Minister.

### Objective:

- To bring about effective convergence between government and non-government initiatives for rural development.
- Assist in the formation and strengthening of self-help groups, producer organizations, community development organizations, and federations of self-help groups.
- Promote small and micro enterprises in the agricultural and non-agricultural sectors to increase the income of the poor.

-:5:-



## Sergeant Surendra Moga: Air Force Medal (Posthumous)



### Why in News?

- Martyr Sergeant Surendra Moga of Jhunjhunu was posthumously awarded the Indian Air Force Medal (Gallantry) on the occasion of the 93rd Air Force Day.



### Key Points:

- He was presented this honor by Air Force Chief, Air Chief Marshal Amarpreet Singh at the 93rd Air Force Day celebrations held at Hindon Air Base in Ghaziabad.
- It is noteworthy that the Indian Air Force has renamed a hall at the Air Force Hospital in Delhi as 'Surendra Hall' in honor of Sergeant Surendra Moga, a medical assistant who was martyred during Operation Sindoor.
- Sergeant Surendra Moga was martyred in May 2025, after being seriously injured in a Pakistani drone attack during Operation Sindoor.

### Other Important Points:

#### 93rd Air Force Day

- The 93rd anniversary of the Indian Air Force was celebrated on October 8, 2025.
- **Main event:** Hindon Airbase, Ghaziabad.

#### Indian Air Force (IAF):

- **Establishment** – October 8, 1932
- **Headquarters** – New Delhi.
- **Air Force Chief** – Air Chief Marshal Amarpreet Singh.
- **Motto** – 'Nabh: Sprisham Deeptam' (quoted from Srimad Bhagavad Gita)



## NEWS IN SHORTS ⚡

S. No.	News
1.	<p><b>RSCERT Governing Council Meeting: Udaipur</b></p> <ul style="list-style-type: none"><li>Recently, the Governing Council meeting of the Rajasthan State Council of Educational Research and Training (RSCERT) was held in Udaipur under the chairmanship of Education Minister Madan Dilawar.</li><li>The State Council of Educational Research and Training was established in Udaipur on November 11, 1978, to improve the quality of school education as per the recommendations of the Mehrotra Committee constituted by the Rajasthan Government.</li></ul>
2.	<p><b>Section 60(C) of the Representation of the People Act, 1951</b></p> <ul style="list-style-type: none"><li>Recently, the Election Commission issued a notification under Section 60(C) of the Representation of the People Act, 1951, regarding the Anta (Baran) Assembly by-election-2025.</li><li>According to this notification, voters above 85 years of age and voters with certain disabilities will be able to cast their votes through postal ballot.</li><li>Of the total registered voters in Anta Assembly constituency as of October 1, 2025, 1,013 voters are above 85 years of age.</li><li><b>Chief Election Commissioner of India:</b> Gyanesh Kumar.</li><li><b>Chief Election Commissioner of Rajasthan:</b> Rajeshwar Singh.</li><li><b>Chief Electoral Officer of Rajasthan:</b> Naveen Mahajan.</li></ul>

3.

## Rajasthan Sub-Junior Handball Championship

- **Venue:** Hanumangarh.
- **Girls Winner:** Jaipur defeated Hanumangarh 26-21.
- **Boys Winner:** Bikaner defeated Sri Ganganagar 25-22.
- **Best Player:** Ekta Kanwar (Jaipur) and Govind (Bikaner) – Both players were awarded the Amrit Kumar Nata and Irfan Ali Gaur Memorial Awards.

4.

## Comprehensive Mobility and City Logistics Plan for Ajmer

- Recently, the Central Road Research Institute (CRRI) conducted a traffic survey at seven locations on the outskirts of Ajmer at the request of the Ajmer Development Authority.
- **Comprehensive Mobility Plan (CMP):** The Comprehensive Mobility Plan (CMP) will be implemented by March 2026, to ensure smooth traffic movement in Ajmer city and surrounding areas.
- **City Logistics Plan:** A City Logistics Plan will be prepared for Ajmer city, which will streamline cargo and industry-related transport. This plan will be based on the Bengaluru model.
- This plan covers Ajmer, Pushkar, and Kishangarh.
- **Objective:** To effectively organize and manage transport and logistics systems to improve the city's infrastructure.

5.

## Rajasthan's Pinky Sharma selected for the Grappling World Championship

- Jaipur's Pinky Sharma has been selected in the 58 kg weight category for the Grappling World Championship to be held in Novi Sad, Serbia.
- **Competition scheduled:** October 14-16, 2025





## INTERNATIONAL



### Operation Haechi-VI



#### Why in News?

- The CBI has arrested eight major criminals involved in international cybercrimes under Interpol's Operation Haechi-VI.



#### Key Points:

##### Operation Haechi-VI

- It is funded by the Republic of Korea.
- It is the sixth phase of a series of global operations to combat various types of international cyber-based financial crimes.

##### Objectives:

- To disrupt illicit financial transactions, arrest criminals, and enhance international cooperation against cyber-based financial crimes.
- **This operation addresses five types of online fraud:** investment fraud, romance scams, money laundering related to illegal online gambling, online sextortion, and voice phishing.

## ENVIRONMENT & ECOLOGY

### Legal Protection of Wetlands in India



#### Why in News?

- The Supreme Court refused to classify Nagpur's Futala Lake as a wetland under the Wetlands (Conservation and Management) Rules, 2017. According to the Supreme Court, it is a man-made water body created for irrigation purposes.



#### Key Points:

##### Supreme Court Decision

- The Court stated that the definition of wetland under the 2017, Rules does not include man-made water bodies created for irrigation, aquaculture, salt production, and recreational purposes.
- **Other exceptions:** River channels, paddy fields, and wetlands covered by the following Acts/Notifications are also not included in the Wetland Conservation Rules 2017:
  - o Forest Act, 1927
  - o Wildlife (Protection) Act, 1972
  - o Coastal Regulation Zone Notification, 2011
- **Imperative for conservation:** However, the Court also stated that such water bodies must be protected in accordance with the broader public trust doctrine and Article 21 (right to a healthy environment) of the Constitution.
- **Public Trust doctrine:** This doctrine holds that all common natural resources are held by the State, i.e., the government, as a public trust, and it is the State's responsibility to conserve them.

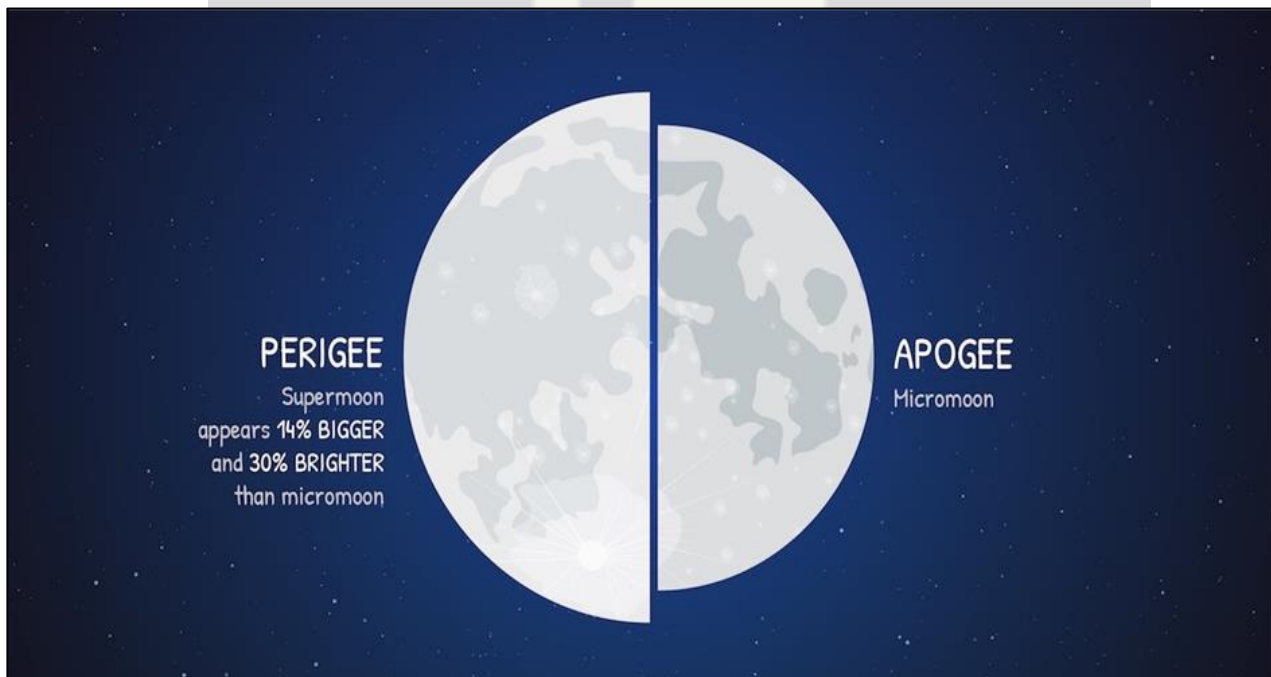
## ⌚ SCIENCE & TECHNOLOGY ⌚

### What is a Supermoon?



#### Why in News?

- A supermoon appeared on the night of October 7, 2025, and two more supermoons will be observed in November and December.



#### Key Points:

##### Definition:

- A supermoon occurs when the Moon comes closest to Earth in its elliptical orbit during a full moon or new moon. This is called "perigee."
- Because the Moon's orbit is not perfectly circular, its distance from Earth varies by approximately 50,000 km throughout the month.
- When the Moon is near perigee and directly opposite the Sun, the full moon appears 14% larger and 30% brighter than its normal size. This is called a supermoon.

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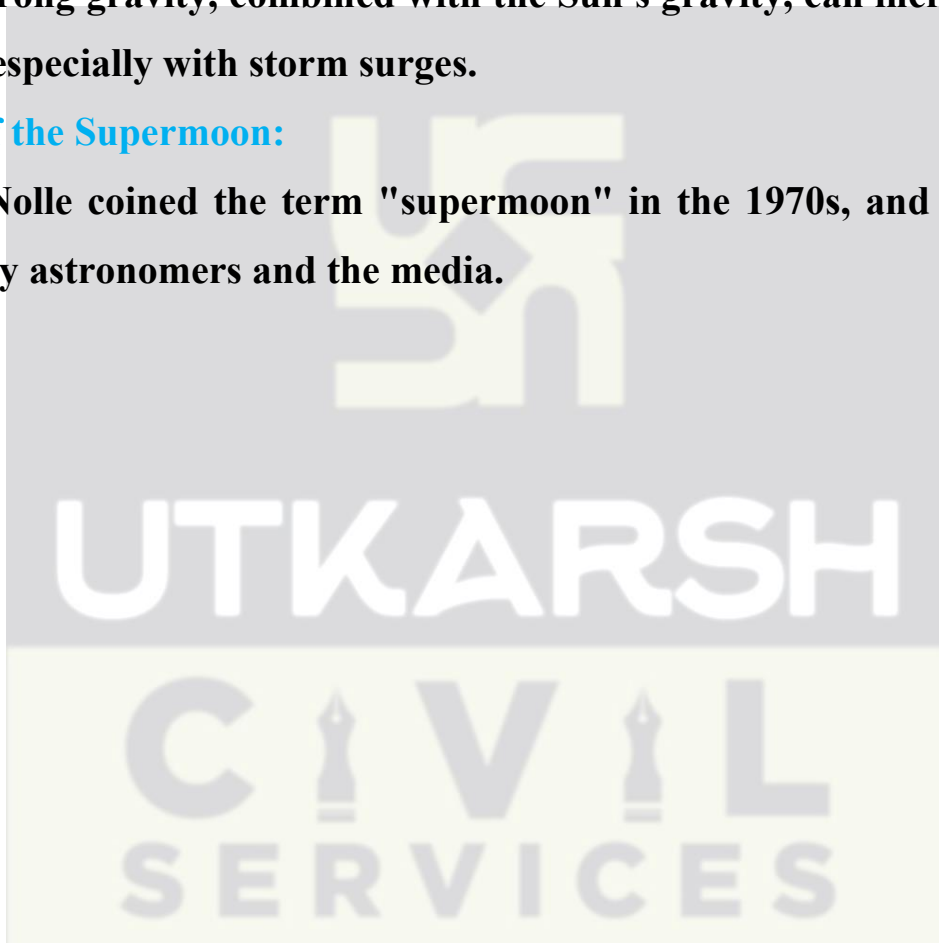


## Effects of a Supermoon:

- **Changes in brightness and size:** Supermoons appear subtle in size when viewed with the naked eye, but the increased brightness is clearly visible.
- **Effect on tides:** Supermoons affect tides, creating "perigean spring tides." The Moon's strong gravity, combined with the Sun's gravity, can increase coastal flooding, especially with storm surges.

## History of the Supermoon:

- Richard Nolle coined the term "supermoon" in the 1970s, and it was later adopted by astronomers and the media.



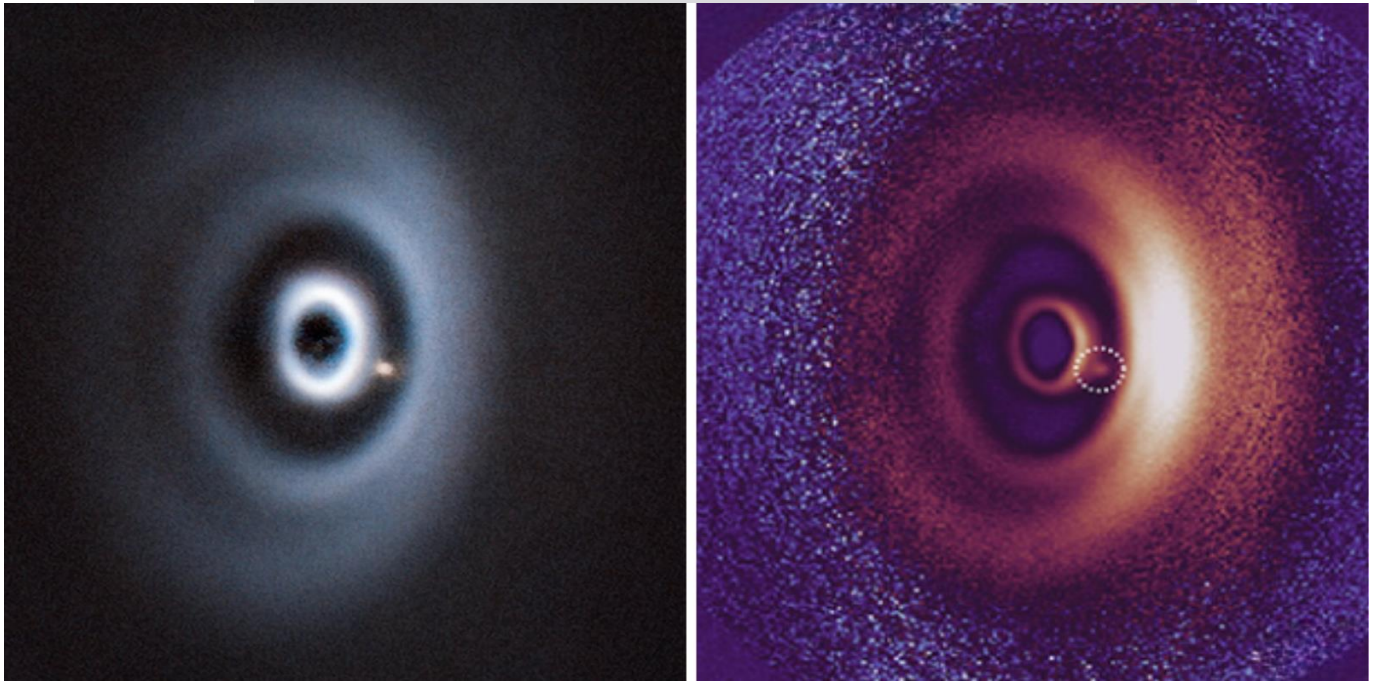


## WISPIT 2b



### Why in News?

- Astronomers have imaged a protoplanet named WISPIT 2b. This protoplanet is forming within a protoplanetary disk surrounding its star, WISPIT 2.



### Key Points:

- **Protoplanetary disk:** A flat, rotating disk of gas and dust surrounding a newly forming young star. This is where planets form.
- **Protoplanet:** A celestial body that is slowly accreting material and developing into a full-fledged planet.

### WISPIT 2b

- It is a gas giant planet. Its mass is about five times that of Jupiter. Its age is estimated to be only 5 million years.
- It is named after a research program called 'Wide Separation Planets in Time'.





## SCHEMES

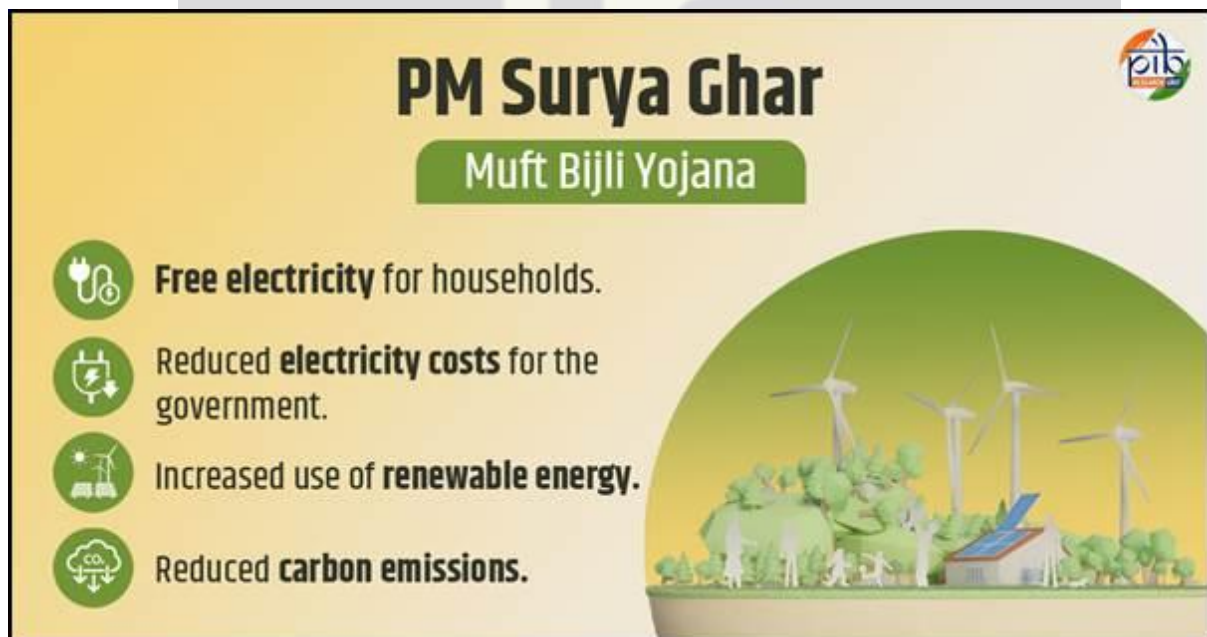


### PM Surya Ghar Muft Bijli Yojana



#### Why in News?

- Public sector banks (PSBs) have approved more than 5 lakh loan applications under the PM Surya Ghar Muft Bijli Yojana. Loans worth approximately ₹10,907 crore have been sanctioned under these applications.



#### Key Points:

##### PM Surya Ghar Muft Bijli Yojana:

- Target:** Under this scheme, a campaign has been launched to install subsidized rooftop solar panels in 1 crore households across the country. These families will receive 300 units of free electricity per month.
- Nodal Ministry:** Union Ministry of New and Renewable Energy
- Features:** This is the world's largest domestic rooftop solar initiative.
- Subsidy:** Under this scheme, subsidies are provided to residential households and group housing societies/resident welfare associations for installing solar panels.
- An additional 10% subsidy per kilowatt is provided for special states.



## ECONOMIC SCENARIO



### Reserve Bank - Unified Ombudsman Scheme - 2021



#### Why in News?

- Central and state cooperative banks have been brought under the ambit of the 'Reserve Bank - Unified Ombudsman Scheme, 2021'. The Reserve Bank of India (RBI) took this decision under Section 35A of the Banking Regulation Act, 1949.



#### Key Points:

#### Reserve Bank - Unified Ombudsman Scheme (RB-IOs), 2021

- Objective:** To provide a prompt, affordable, and efficient alternative grievance redressal mechanism to customers of regulated entities (REs).
- Coverage:** Before the new RBI announcement, the scheme covered the following entities:

- o All commercial banks, regional rural banks, scheduled primary (urban) cooperative banks, and non-scheduled primary (urban) cooperative banks with deposits of ₹50 crore.
- o Non-banking financial companies (excluding housing finance companies) that accept deposits or are authorized to have customer interface, and have an asset size of ₹100 crore.
- o All system participants – This includes system providers participating in the payment system under the Payment and Settlement Systems Act, 2007.
- o Credit information companies.
- This scheme integrates the following three Ombudsman schemes of the RBI:
  - o Banking Ombudsman Scheme, 2006
  - o Ombudsman Scheme for Non-Banking Financial Companies, 2018
  - o Ombudsman Scheme for Digital Transactions, 2019.
- This scheme is based on the principle of "one country, one ombudsman." There will no longer be separate grievance redressal mechanisms for entities in different sectors regulated by the RBI.
- **Power:** The Ombudsman can order compensation up to ₹20 lakh. Additionally, he can also order payment of additional compensation up to Rs 1 lakh for the complainant's time, expenses and any mental agony or harassment.

## AWARDS

### Nobel Prize in Physics: 2025



#### Why in News?

- The 2025 Nobel Prize in Physics was awarded for the discovery of quantum properties at the human scale.



#### Key Points:

- Three scientists from the United States, John Clarke, Michel H. Devoret, and John M. Martinis, have been announced as the recipients of the 2025 Nobel Prize in Physics.

#### Background

- The question in physics has been the maximum size of a system that can exhibit quantum properties.
- For a long time, it was believed that this size was limited to the atomic and subatomic levels.

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- In their research conducted 40 years ago, the award-winning scientists demonstrated that the principles of quantum mechanics can also be observed at the macroscopic scale.
- They demonstrated this behavior through experiments with mechanical tunneling and energy quantization.

## Experiments and Research

- Quantum mechanics allows a particle to pass through a barrier through a process called quantum tunneling.
- In other words, quantum tunneling means that particles can pass through physical walls.
- Previously, such unique behavior had only been observed at the microscopic level.
- However, these scientists demonstrated that it is possible to demonstrate quantum tunneling properties even at the macroscopic level.
- To do this, they used an electrical circuit consisting of two superconducting elements separated by a thin non-conducting layer.
- This structure was named a Josephson junction.
- This quantized the system, meaning it could only absorb or emit energy in defined, discrete amounts, as predicted by quantum mechanics.

## Significance

- This discovery could be used to develop quantum computers, quantum sensors, and next-generation transistors in computer microchips.

## Quantum Mechanics

- It explains that extremely small objects can simultaneously exhibit properties of both particles (tiny pieces of matter) and waves (oscillations or changes that transfer energy). This phenomenon is also called wave-particle duality.



## ✂ NEWS IN SHORTS ⚡

S. No.	News
1.	<p><b>INS Androth</b></p> <ul style="list-style-type: none"><li>■ The Indian Navy commissioned INS Androth at Naval Dockyard Visakhapatnam.</li></ul> <p><b>INS Androth</b></p> <ul style="list-style-type: none"><li>■ It is the second anti-submarine warfare shallow water craft after INS Arnala. It is one of eight ASW-SWCs being built by Garden Reach Shipbuilders and Engineers Limited (GRSE), Kolkata.</li><li>■ It is named after Androth, the northernmost island of Lakshadweep.</li></ul>
2.	<p><b>Moscow Format</b></p> <ul style="list-style-type: none"><li>■ Taliban officials formally participated for the first time in the 7th Moscow Format meeting.</li></ul> <p><b>Moscow Format</b></p> <ul style="list-style-type: none"><li>■ Established in 2017, as a regional forum to promote peace, stability, and facilitate national reconciliation in war-torn Afghanistan.</li><li>■ <b>Members:</b> India, Afghanistan, China, Iran, Kazakhstan, Kyrgyzstan, Pakistan, Russia, Tajikistan and Uzbekistan, to discuss Afghan peace and stability.</li></ul>