

April - 11

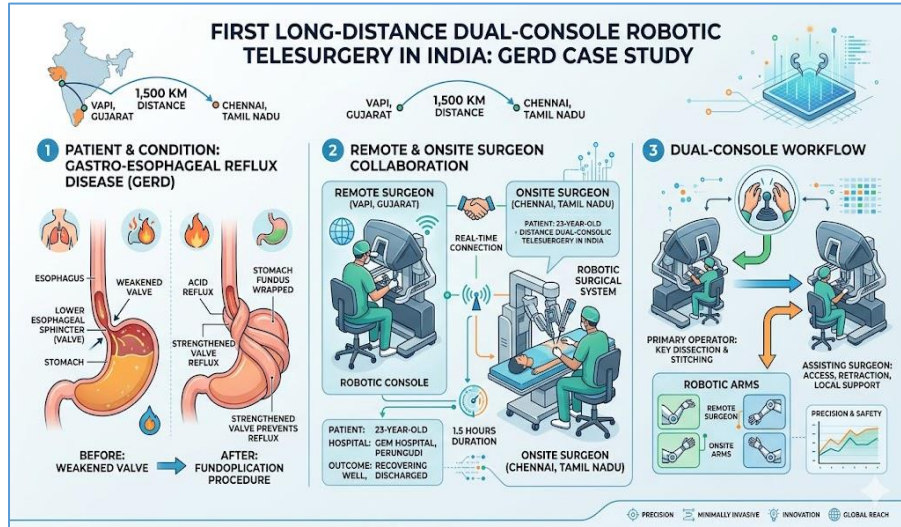
TNPSC BITS

- ❖ The International Renewable Energy Agency report ranked India 3rd globally in renewable energy capacity (274.68 GW, March 2026), after China and the USA.
- ❖ Amul became the first Indian FMCG (Fast Moving Consumer Goods) company to cross ₹1 trillion turnover.
- ❖ The Cabinet Committee on Economic Affairs has approved Kamala (1,720 MW) hydroelectric project in Arunachal Pradesh.
 - It will be developed by NHPC (National Hydroelectric Power Corporation) with the State Government.
- ❖ Regional Passport Office Bhopal launched Braille and sign language services for passport applicants.
 - It is the first such initiative among passport offices in India for differently-abled persons.
- ❖ World Homoeopathy Day is celebrated annually on April 10 to mark the birth anniversary of Samuel Hahnemann.
 - The theme for the year 2026, “Homoeopathy for Sustainable Health”.
- ❖ World Parkinson’s Disease Day is observed annually on April 11 to mark the birth anniversary of James Parkinson.
 - The theme for the year 2026, “bridge the care gap”.

TAMIL NADU NEWS

Dual Robotic Surgery

- ❖ A patient in Chennai underwent a robotic surgery where one surgeon operated from 1,500 km away.
- ❖ A 23-year-old patient with Gastro-Esophageal Reflux Disease (GERD) was treated at GEM Hospital, Perungudi.
- ❖ The surgery was done using a robotic system with two consoles, allowing doctors in different locations to work together.
- ❖ One surgeon operated from Vapi (Gujarat), while another assisted in Chennai in real-time.
- ❖ This is reported as the first long-distance dual-console robotic telesurgery in India.



NATIONAL NEWS

Poshan Pakhwada 2026

8th POSHAN PAKHWADA
9th - 23rd April 2026

'Maximizing Brain Development in the First 6 Years of Life'

- MOTHER & CHILD NUTRITION
- EARLY STIMULATION FOR BRAIN DEVELOPMENT
- PLAY-BASED EDUCATION IN EARLY YEARS
- ROLE OF PARENTS AND COMMUNITY IN MINIMIZING SCREEN TIME
- GARNERING COMMUNITY SUPPORT FOR STRONGER ANGANWADIS

- ❖ The government is observing the 8th Poshan Pakhwada from 9th to 23rd April 2026 across India.
- ❖ It is organised by the Ministry of Women and Child Development to improve nutrition outcomes.
- ❖ The theme is “Maximizing Brain Development in the First Six Years of Life.”

- ❖ It highlights the importance of early childhood nutrition, especially the first 1,000 days.
- ❖ Key focus areas include maternal and child nutrition, early stimulation, play-based learning, and reducing screen time.

Arogya Van Initiative



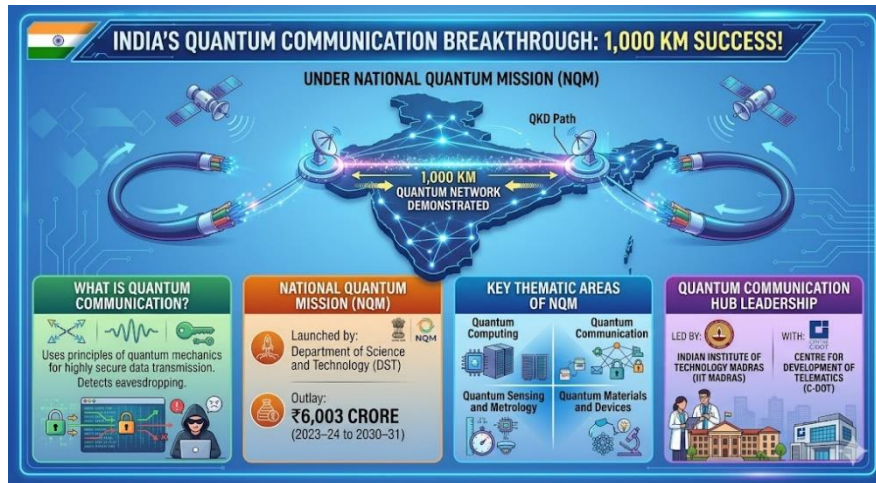
- ❖ The National Highways Authority of India launched 'Arogya Van' for medicinal tree plantations along highways.
- ❖ It aims to develop green corridors with medicinal plants to enhance biodiversity and ecosystem resilience.
- ❖ First phase covers 17 land parcels (62.8 hectares) with about 67,000 trees across multiple states.
- ❖ Around 36 species, like neem, amla, and jamun, will be planted based on agro-climatic suitability.

SCIENCE AND TECHNOLOGY NEWS

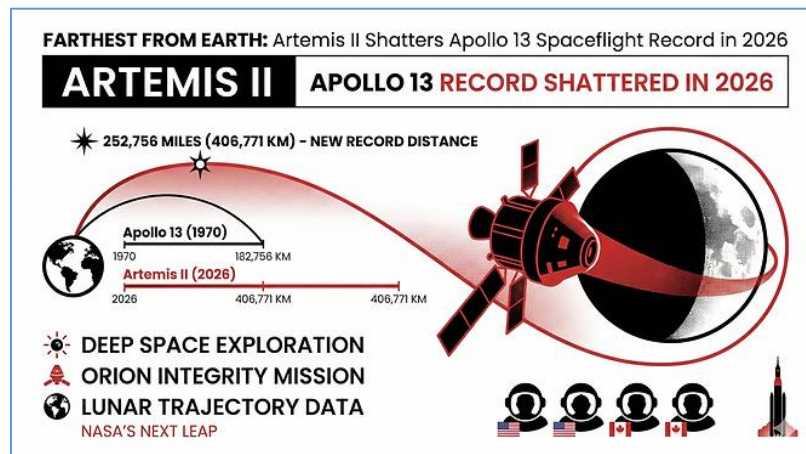
Quantum Communication Breakthrough

- ❖ India successfully demonstrated a 1,000 km quantum communication network under the National Quantum Mission.
- ❖ The National Quantum Mission was launched by the Department of Science and Technology with an outlay of ₹6003 crore from 2023–24 to 2030–31.
- ❖ Quantum communication uses principles of quantum mechanics to provide highly secure data transmission.

- ❖ The Quantum Communication hub is led by the IIT Madras with the Centre for Development of Telematics.



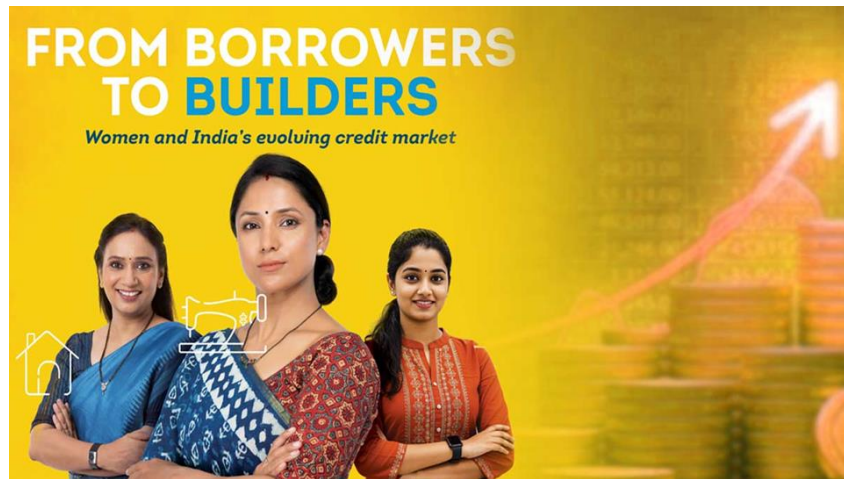
Artemis II - Space Distance Record



- ❖ NASA's Artemis II mission set a new record for the farthest distance travelled by humans in space.
- ❖ The mission surpassed the record of Apollo 13 by travelling about 252,756 miles from Earth.
- ❖ Artemis II is the first crewed lunar mission since Apollo 17 in 1972.
- ❖ It carries four astronauts, including one from the Canadian Space Agency, on the Orion spacecraft.
- ❖ The mission follows a free-return trajectory around the Moon and includes observing the Moon's far side.
- ❖ It also recorded events like a solar eclipse and a temporary communication blackout.

REPORTS AND INDICES

Report on Women's Credit Market

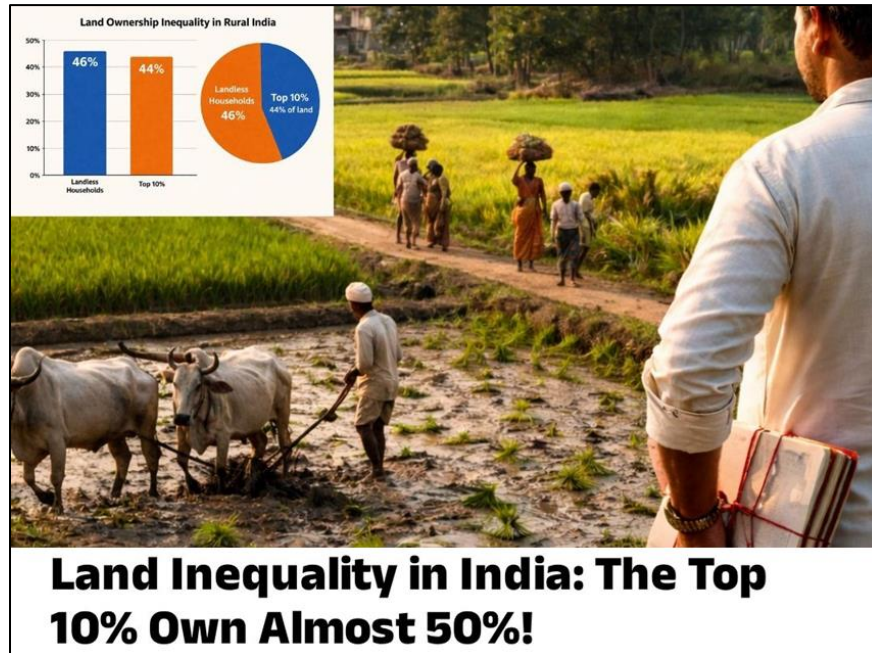


- ❖ NITI Aayog released a report titled “From Borrowers to Builders: Women and India’s Evolving Credit Market.”
- ❖ Women hold a credit portfolio of ₹76 lakh crore, which is 26% of total system credit.
- ❖ Women’s credit has increased 4.8 times from 2017 to 2025, showing growth in financial participation.
- ❖ Credit penetration among women rose from 19% in 2017 to 36% in 2025.
- ❖ Growth is strong in business loans, with women borrowers increasingly shifting to retail and commercial credit.

Land Inequality in India

- ❖ A report by the World Inequality Database highlighted high land inequality in rural India.
- ❖ About 46% of rural households are landless, showing very unequal land distribution.
- ❖ Land inequality is very high with a Gini index of around 71 (scale 0–100).
- ❖ Top 10% households own about 44% of land, top 5% own 32%, and top 1% own 18%.
- ❖ The study used SECC (Socio-Economic and Caste Census) 2011 data covering about 270,000 villages and 650 million people.
- ❖ Areas with better farming conditions and colonial landlord systems show higher land concentration.

- ❖ Social factors like the Scheduled Castes and the Scheduled Tribes have higher landlessness, and market access has a limited impact on reducing inequality.



STATE NEWS

1500-Year-Old Reservoir - Elephanta Island




A **1,500-year-old T-shaped reservoir** was recently unearthed at the **Morabandar site on Elephanta Island**. And it's not just a cave island, it was a major international "**commercial hub**" long before modern Mumbai existed.

- ❖ The Archaeological Survey of India discovered a 1,500-year-old stepped reservoir on Elephanta Island, East of Mumbai.

- ❖ The reservoir is T-shaped with 20 stone steps, showing advanced ancient water management.
- ❖ Around 60 coins, including those of Krishnaraja of the Kalachuri dynasty, were found.
- ❖ Amphorae and jars indicate trade links with Rome and West Asia.
- ❖ Artefacts like beads, bangles, and terracotta items show cultural and craft activity.
- ❖ The island was an important ancient trading hub with multiple ports.

Cancer as Notifiable Disease

NOTIFIED BY 17 STATES AND UTs	
<ul style="list-style-type: none"> ● While cancer has not been declared a notifiable disease in India, 17 states and UTs have made it notifiable, such as Karnataka, Tamil Nadu, Kerala, Gujarat & Haryana ● 30% rise in cancer cases in Telangana over the past decade from 40,177 in 2015 to 52,334 in 2024, according to Lok Sabha data ● Telangana Cancer Burden Profile-2026, recently released by ICMR, highlighted poor early detection, with less than 4% of women aged between 30 and 49 screened 	 <p>47,000 new cases projected in 2026 in the state</p> <hr/> <p>50,000+ cases expected in Telangana by 2030</p>

- ❖ The Telangana government declared cancer as a notifiable disease through a new government order.
- ❖ All hospitals, clinics, AYUSH (Ayurveda, Yoga, Unani, Siddha, and Homeopathy) centres, and labs must report cancer cases and deaths within one month.
- ❖ The data will be collected through a central online portal to keep proper records.
- ❖ MNJ Institute of Oncology will verify the data before sending it to the National Cancer Registry.
- ❖ The aim is early detection, better treatment and improved healthcare planning.

