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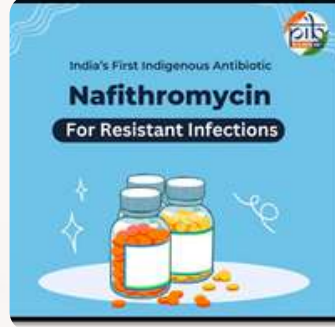


MONTHLY MAGAZINE

NOVEMBER-2024

NEWS-INSHORTS

- India's **First Indigenous** Antibiotic
- Sagarmanthan
- PM to launch **UN International Year of Cooperatives 2025**
- **10th position** in the Climate Change Performance Index (CCPI) 2025
- Festival of Festivals
- The World Bank's '**Jobs at Your Doorstep**' report
- AroTrack' is a water-pollutant detecting device
- The **haka protest** was staged in New Zealand by **Maori** lawmakers
- The 'One Day One Genome' initiative
- India's **first AI laboratory** in space
- The Karnataka Space Technology Policy **2024-29**



KARNATAKA/INDIA/INTERNATIONAL-CURRENT AFFAIRS



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502, 2nd Floor, Opposite TTMC Bus stop, Vijayanagar Bengaluru

November: 2024

ಸರ್ವರಿಗೂ ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವದ ಹಾರ್ದಿಕ ಶುಭಾಶಯಗಳು.

- **Karnataka Sahitya Academy award** : **For 5 persons**, R.K. HudgiAgrahara Krishnamurthy, Indira Hegde, Ramzan Darga, K. Gunashekar

Addressing a press conference here on Wednesday, Academy President L.N. Mukundaraj said, "In recognition of their invaluable service to the field of Kannada literature, five persons have been selected for the honorary award at the general body meeting. The award carries a cash prize of Rs 50,000 each. This time, category-wise writers have been identified and selected for the awards," he said.

- **PM Vidyalaxmi scheme** : The PM Vidyalaxmi scheme is a government initiative to provide financial support to meritorious students for higher education.

- **Eligibility**: Students admitted to top 860 higher education institutions (HEIs) are eligible, covering over 22 lakh students annually

Loan Features: Collateral-free, guarantor-free education loans up to ₹7.5 lakh with a 75% credit guarantee

- Karnataka has decided to set up a GCC City, which is aimed at attracting more **Global Capability Centres (GCCs)** to the state and also to strengthen its position as a global technology hub.

- Karnataka will establish three dedicated global innovation districts—in **Bengaluru, Mysuru and Belagavi**—as part of its Global Capacity Centres (GCC) policy
- The location of the GCC City and the final [GCC] policy will be unveiled during the Bengaluru Tech Summit 2024, which is scheduled to be held from November 19 to 21
- First KWIN city, now this GCC city: The region between Doddaspete and Doddaballapur, which is about 60 kilometers from Bengaluru, was rounded off by the state government for the city. **Karnataka Chief Minister Siddaramaiah** inaugurated Knowledge, Wellbeing, and Innovation (KWIN) City

Bengaluru: In a bid to enhance the agricultural support system, the Karnataka Horticulture Department is set to launch 'Kisan Malls' in **Mysuru, Chitradurga, and Davangere** districts as part of an innovative initiative to improve the horticulture sector. These malls

- Nigeria will award PM Narendra Modi **the Grand Commander of the Order of the Niger**, his 17th international honor.
- Indira Gandhi Peace Prize awarded to two individuals: This year, the award will be presented to Supreme Court Justice **T.S. Rajendran and prominent environmentalist Shanta Pandey**. Both individuals have contributed significantly to global peace and social equity through their respective fields.
- Under the "**Swachh Bharat Mission**," a cleanliness survey was conducted in urban areas of Karnataka. Out of the 500 rankings given across the country, **Karnataka's Vijayapura emerged as the cleanest city** in the state.
 - The survey, conducted under the Ministry of Housing and Urban Affairs, ranked 37 cities from Karnataka. Vijayapura has been awarded the "**Cleanest City in Karnataka**" title.
- ಮಂಡ್ಯದಲ್ಲಿ ನಡೆಯುವ 87ನೇ ಅಖಿಲ ಭಾರತ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಸಮ್ಮೇಳನ ಅಧ್ಯಕ್ಷರಾಗಿ ಗೊ.ರು ಚನ್ನಬಸಪ್ಪ
 - This prestigious literary event, organized by the **Kannada Sahitya Parishat**, is scheduled to take place soon. Channabasappa's contributions to Kannada literature, his vast knowledge, and his service to the language have made him a deserving candidate for this honor.
- Bengaluru: Karnataka has achieved the distinction of being the **second-highest** state in the country in terms of attracting Foreign investments
- Karnataka has introduced the **Karnataka Space Technology Policy 2024–2029**, aiming to position the state as a global leader in space technology
 - This policy aligns with the Indian Space Policy 2023, aiming to integrate private sector participation in space activities
- Artificial Intelligence and Robotics Technology Park (ARTPARK) launched at **IISc – Bengaluru**
- **India's first Constitution Museum** was inaugurated in November , 2024, at O.P. Jindal Global University (JGU) in Sonapat, Haryana. The ceremony was led by **Lok Sabha Speaker Om Birla** and **Union Minister of State for Law** and Justice Arjun Ram Meghwal.

- Riyadh, the capital city of Saudi Arabia, hosted the inauguration of the **"One District One Product" (ODOP)** Wall at the Indian Embassy. This initiative aims to promote local Indian products globally, fostering sustainable livelihoods for artisans and entrepreneurs

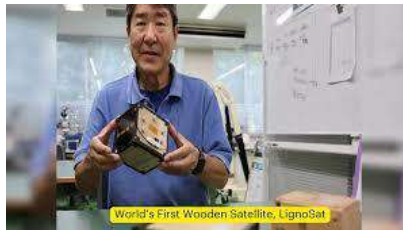
One district One product –Karnataka

Bagalkote	Onion
Ballari	Fig
Belagavi	Sugarcane
Bengaluru (Rural)	Poultry
Bengaluru (Urban)	Bakery Products
Bidar	Ginger
Chamarajanagar	Turmeric
Chikkaballapura	Tomato
Chikkamagalur	Spices (Pepper)
Chitradurga	Groundnut
Dakshina Kannada	Marine Products (Fish, Shrimp etc)
Davangere	Milletts
Dharwad	Mango
Gadag	Byadgi Chillies
Hassan	Coconut
Haveri	Mango
Kalaburgi	Red gram
Kodagu	Coffee
Kolar	Tomato
Koppal	Guava

Mandya	Sugarcane
Mysuru	Banana
Raichur	Chilli
Ramanagara	Coconut
Shivamogga	Pineapple
Tumakuru	Coconut
Udupi	Marine Products (Fish, Shrimp, etc)
Uttara Kannada	Spices-based products (Turmeric, Chil
Vijayapura	Lime/ Lemon
Yadagiri	Groundnut

- The Indian Space Research Organisation (ISRO) launched its pioneering analog space mission from **Leh, Ladakh**. This strategic choice leverages Ladakh's unique Mars-like terrain and conditions to simulate an interplanetary habitat. The mission, led by the **Human Space Flight Centre**, collaborates with various institutions, including AAKA Space Studio, the University of Ladakh, IIT Bombay, and the Ladakh Autonomous Hill Development Council
- India has made significant progress in innovation, jumping to the **39th position in the Global Innovation Index (GII) of 2024**, as reported by the World Intellectual Property Organization (WIPO).
- **The BioE3 Policy**, launched as part of India's commitment to innovation in the agriculture sector, focuses on leveraging biotechnology to boost the economy,- (**Biotechnology for Economy, Environment and Employment**)
- The 'Namo Drone Didi' scheme is designed **to empower Women Self Help Groups (SHGs) by equipping them with drones for agricultural use**. Part of the Deendayal Antyodaya Yojana-National Rural Livelihoods Mission (**DAY-NRLM**), this initiative provides 80% financial assistance and training for SHGs, enabling women to offer drone-based services for spraying fertilizers and pesticides, which improves crop yield and efficiency.

- India's **72nd ranking** in the AI Preparedness Index 2023 reflects its progress in embracing artificial intelligence.- released by The International Monetary Fund (IMF)
- The First Asian Buddhist Summit aims to strengthen Asian unity and explore the role of Buddha Dhamma in achieving this goal. The summit's strategic location in **New Delhi** underscores India's significance as a hub for Buddhist heritage and culture
- **India was re-elected as the President** of the International Solar Alliance (ISA) during the Assembly held in New Delhi, with France serving as Co-President for the 2024-2026 term. This leadership role underscores India's commitment to advancing solar energy for global energy security and climate goals. The ISA Assembly prioritizes energy access, security, and the transition to a carbon-neutral future, with a focus on attracting \$1 trillion in solar investments by 2030.
- The Indian Olympic Association has taken the first formal step towards hosting the Olympics in India by submitting a 'Letter of Intent' to the International Olympic Committee's Future Host Commission. The proposed year for hosting the **Games is 2036**, which is expected to bring significant economic growth, social progress, and empowerment to India's youth.
- **LignoSat, the world's first wooden satellite**, represents a groundbreaking collaboration between Japan's Kyoto University and Sumitomo Forestry. Launched via a SpaceX mission to the International Space Station, LignoSat aims to test the resilience of honoki wood, a Japanese magnolia species, in extreme space conditions.
- The United Arab Emirates (UAE) will host a national pavilion at the 29th **Conference of the Parties (COP29) in Baku, Azerbaijan**, under the theme "Accelerating Climate Action Together"
 - United Arab Emirates (UAE) launched the Global Energy Efficiency Alliance (GEEA) at COP29 in Azerbaijan
 - The 2025 UN Climate Change Conference (UNFCCC COP 30) will convene in **November 2025 in Belém, Brazil**.



- Bengaluru has taken a significant step in promoting awareness about population growth with the launch of **India's first digital population clock**. Inaugurated at the **Institute for Social and Economic Change**, this innovative display provides real-time updates on Karnataka's population every 1 minute 10 seconds and India's population every 2 seconds.
- The Aditya-L1 mission is India's pioneering venture to study the Sun from a unique vantage point about 1.5 million kilometres from Earth. **The Visible Emission Line Coronagraph (VELC)** is the primary payload of this mission, designed to observe the Sun's outer atmosphere or corona.
- The European Space Agency (ESA) spearheads the Proba-3 mission, a pioneering venture in precision formation flying and solar observation- the mission was launched from Sriharikota by ISRO.
- Kodo millet (*Paspalum scrobiculatum*) is a hardy, drought-tolerant crop with high yield potential. It is widely cultivated in India, particularly in Madhya Pradesh. However, it is also associated with mycotoxins, specifically **Cyclopiazonic acid (CPA)**, which can cause Kodo poisoning. – Kodo millet is associated with mycotoxins potentially causing elephant deaths in Bandhavgarh Tiger Reserve
- Bengaluru, Karnataka, has been chosen as the location for the **BIMSTEC Energy Centre**, following the signing of a Host Country Agreement between India and BIMSTEC-
- Article 124** of the Indian Constitution outlines the provisions for the appointment of the Chief Justice of India and other Supreme Court judges
- Gujarat's Dinosaur Fossil Park and Museum, located in Raiyoli village, is being advocated for a **UNESCO Global Geoparks tag**, recognizing its significance as a geological heritage site. The park boasts an impressive collection of dinosaur fossils, one of the largest in the world. Gujarat, along with Madhya Pradesh and Maharashtra, is renowned for its rich dinosaur fossil deposits, including skeletons and eggs, shedding light on



India's prehistoric past. A UNESCO designation would enhance scientific research, education, and tourism in the region.

- Dinosaur Fossil National Park located in Bagh, Madhya Pradesh-
first Unesco global geopark in India

- Microsoft has collaborated with NASA to develop "Earth Copilot," a revolutionary AI-driven chatbot that simplifies access to complex Earth Science data. Leveraging Microsoft's Azure cloud and advanced AI capabilities, Earth Copilot enables users to retrieve valuable insights using plain-language queries
- **Brazil is hosting the G20 Summit in Rio De Janeiro**, emphasizing its leadership within the **G20 Troika, which includes India and South Africa**. The summit's theme, "Building a Just World and a Sustainable Planet," focuses on equitable global development and sustainability
- **K. Sanjay Murthy**, a seasoned 1989 batch IAS officer from the Himachal Pradesh cadre, has taken over as India's new Comptroller and Auditor General, replacing Girish Chandra Murmu.
- India's heaviest communication satellite, **GSAT-N2**, weighs approximately 4,700 kg and is scheduled to launch on SpaceX's Falcon-9 from Cape Canaveral. GSAT-N2 aims to enhance internet services, particularly in remote areas, with an operational life of 14 years.
- **Coal India Ltd** was honoured with the **prestigious Green World Environment Award 2024** in the CSR category for its Thalassemia Bal Sewa Yojna. This initiative provides curative treatment through stem cell transplants to over 600 Thalassemia patients, demonstrating the company's commitment to social responsibility and community welfare.
- **International Gita Mahotsav 2024**: A Celebration of Culture, Spirituality, and Global Unity , A Grand Cultural Event The International Gita Mahotsav will be celebrated from November 28 to December 15, 2024, in Kurukshetra, Haryana.
- Union home minister Amit Shah on Tuesday launched a new mobile application, the **Civil Registration System (CRS), for birth and death registration**.- Developed by the Registrar General and Census Commissioner of India, the app is expected to reduce the time required for these registrations seamlessly

- China Launches Three Astronauts to **Tiangong Space Station** China successfully sent a three-person crew to the Tiangong space station for a six-month mission. The launch marks another milestone in China's growing space program
- The Bharatiya Antariksha Station (BAS) is India's own space station, set for is India's own space station, set for a **launch date in 2028**, with operational plans extending to 2035.
 - Apart from the ISS, three nations (U.S., Russia and China) have independently launched and operated space stations.
 - **United States (U.S.):** Skylab (1973–1979) & International Space Station (ISS) (Partnership, but the U.S. leads its operations)
 - Russia (formerly Soviet Union): Salyut series (1971–1986), Mir (1986–2001)
- Karnataka Launches ELEVATE 2024 and Karnataka Acceleration Network (KAN)
 - ELEVATE 2024: Aimed at identifying and supporting high-potential startups across various sectors.
 - Karnataka Acceleration Network (KAN): Designed to create a robust ecosystem for startups by connecting them with investors, mentors, and industry experts.
- Bangalore Electricity Supply Company (**Bescom**) was awarded the '**Charge India 2024 Excellence' Award**
 - For its contribution to establishing electric vehicle (EV) charging infrastructure and promoting eco-friendly mobility in Karnataka.
 - Karnataka ranks first in the country for public EV charging facilities
- Donald Trump was the 45th president of the United States and won the presidential election of 2024- **The Republican Party, also known as the Grand Old Party (GOP)**
 - Kamala Harris, the 49th and incumbent vice president of the United States, announced her 2024 campaign for president , but lost from - **Democratic Party**



- Karnataka government has appointed retired High Court judge Justice HN Nagmohan Das to head a commission to recommend internal reservation among Scheduled Castes (SC).
- 27th edition of Bengaluru Tech Summit (BTS) 2024
 - Organised by Karnataka's Electronics, IT, and Biotechnology Department at Bengaluru Palace
 - his year, the central theme of BTS, 'Breaking Boundaries', is being elevated to the next level with 'Unbound'
- Central government appointed K. Sanjay Murthy as the new Comptroller and Auditor General (CAG) of India, replacing Girish Chandra Murmu
 - His appointment was made by the President under Article 148 of the Indian Constitution.
- India's 1st, World's 5th night safari to begin in Lucknow by 2026
- Dr Jitendra Launches India's First Indigenous Antibiotic 'Nafithromycin' For Drug resistant Pneumonia
 - Developed by- "Biotechnology Industry Research Assistance Council" (BIRAC), a unit of the Department of Biotechnology and has been brought to market under the trade name "Miqnaf" by pharma company "Wolkardt".
- Rafael Nadal, the 'King of Clay', leaves tennis court with a legacy of memories and 22 Grand Slam titles
- Sagarmanthan: South Asia's largest maritime thought leadership forum bringing together global policymakers, business leaders, and visionaries- Organised by Ministry of Ports, Shipping, and Waterways (MoPSW) in partnership with the Observer Research Foundation (ORF). at New Delhi
- The Global Soil Conference 2024 was organised by the Indian Society of Soil Science, New Delhi.- It has been organised in collaboration with the Indian Council of Agricultural Research, National Academy of Agricultural Sciences, New Delhi



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(KAS/PSU/EDA/AAO/RC)

- PM to launch UN **International Year of Cooperatives 2025**
 - Prime Minister Narendra Modi will launch the 'United Nations International Year of Cooperatives 2025' at the International Cooperative Alliance's (ICA) global conference to be held in New Delhi.
 - First time in the 130 years of history of the ICA General Assembly and Global Cooperative Conference will be hosted in India.
- The Income Tax India PAN Card has a ten-digit alphanumeric number, which is known as the PAN. PANs are given out in the form of a laminated plastic card (commonly known as a PAN card). The final character, i.e. the tenth, is an alphabetic check digit



- India has secured the **10th position** in the Climate Change Performance Index (CCPI) 2025, published jointly by Germanwatch, New Climate Institute, and Climate Action Network International. This ranking reflects India's efforts to address climate change. Denmark tops the list, followed closely by the Netherlands and the UK.
- **Daniel Barenboim, a world-renowned pianist and conductor, and Ali Abu Awwad**, a dedicated peace activist, were jointly awarded the Indira Gandhi Prize for Peace, Disarmament and Development 2023.
- Hornbill Festival, also known as the **"Festival of Festivals"**, Held annually from December 1-10 in Kisama, Nagaland, the festival showcases the music, dance, and crafts of various ethnic communities.
- **Armenia** has joined the **International Solar Alliance (ISA)** as its 104th full member as of November 15, 2024. The exchange of the instrument of ratification was conducted between Armenia's Ambassador to India, Vahagn Afyan, and Abhishek Singh from the Indian Ministry of External Affairs. The ISA, headquartered in Gurugram, Haryana, focuses on promoting solar energy globally. Dr. Ajay Mathur serves as its Director General.

- India has been **ranked 23rd globally in the Sustainable Trade Index 2024**, as reported by the **Hinrich Foundation and IMD**. The index evaluates countries based on three pillars: economic growth, societal advancement, and environmental resilience. New Zealand topped the index with a perfect score of 100, followed by the United Kingdom, Australia, Singapore, and Japan.
- Bihar has been chosen to **host the Khelo India Youth Games and Khelo India Para Games in April 2025**, highlighting the state's commitment to sports development. This marks the first time Bihar will host these prestigious multi-sport events, featuring young and para-athletes from across the country
- The World Bank's **'Jobs at Your Doorstep' report** concentrates on six states, proposing a comprehensive framework for the entire country. Unveiled by Education Minister Dharmendra Pradhan and Labour Minister Mansukh Mandaviya, the report prioritizes skilling, redefining jobs and addresses technology-driven shifts in employment
- AroTrack'** is a water-pollutant detecting device developed by scientists at IIT Bombay. It uses bacteria-derived proteins to detect harmful aromatic pollutants like phenol, benzene, and xylenols in water. A key feature of AroTrack is its ability to identify pollutants through a chemical reaction that causes a visible colour change.
- The haka protest was staged in New Zealand by Maori lawmakers** in response to the Treaty Principles Bill, which proposes a reinterpretation of the 1840 Treaty of Waitangi. The protest, involving the traditional Maori dance, was a powerful symbol of the community's opposition to the bill, as it could dilute the specific rights granted to the Maori people. The haka, historically used in battle, is now a strong cultural expression used to assert unity and strength, particularly in protests related to Maori rights and protections.



- **The 'One Day One Genome'** initiative was launched in New Delhi on the 1st foundation day of the Biotechnology Research and Innovation Council (BRIC). This initiative aims to showcase India's microbial diversity by releasing fully annotated bacterial genomes, along with summaries, infographics, and genome data
- **The VISION Portal** (Viksit Bharat Initiative for Student Innovation and Outreach Network), inaugurated by Dr. Jitendra Singh, aims to empower underprivileged youth through education, skill development, and sustainable livelihoods
- **India's first AI laboratory in space-** TM2Space, a Hyderabad-based space technology company, is set to launch MOI-TD (My Orbital Infrastructure – Technology Demonstrator)
- E-Khata by the **Bruhat Bengaluru Mahanagara Palike (BBMP)** is an online system that provides property owners in Bengaluru with a digital record of their property tax details.
- **The Karnataka Space Technology Policy 2024–29** is an ambitious initiative by the Karnataka government to position the state as a leading hub in the global space industry. Unveiled in November 2024, the policy outlines strategic goals and missions to enhance the state's role in both national and international space sectors.
- National Tiger Conservation Authority (NTCA) recommended notifying **Nugu Wildlife Sanctuary** as a core and critical area of Bandipur Tiger Reserve
 - It is built across the Nugu River, a tributary of the Cauvery. In 1974, Nugu was declared a Wildlife Sanctuary, and later, in year 2003-2004, the area of Nugu Wildlife Sanctuary was added to the **Nilgiri Biosphere Reserve**.
- Karnataka Office of Labour Commissioner has invited stakeholders to submit their, suggestions/ feedback, on the proposal of **granting six days of annual paid menstrual leave to women** workers across various industries
- The Bengaluru traffic police have introduced **ASTraM (Actionable Intelligence for Sustainable Traffic Management)** to enhance traffic management

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- **Nilgiri Mystus** is a critically endangered fish species of India (IUCN Red List) found in Cauvery River and its tributary. It is also found in Western Ghats and was recently making news in context with the 132 Indian species declared endangered by IUCN. Its scientific name is ***Hemibagrus punctatus***.



Fish sanctuaries in Karnataka:

Place	Details
Mattur - Hosahalli	Shivamogga district is a fish sanctuary on the Tunga River
Sethanadi in Karkala	Karkala is a fish sanctuary located on the Sita River
Shishila in Belthangadi	fish sanctuary on the Kumaradhara River

- **The first fish sanctuary of Karnataka** is the Shishila Fish Sanctuary, located on **the Kumaradhara River** in Belthangady Taluk, Dakshina Kannada district.
- The state fish of Karnataka is **Carnatic Carp** (*Hypselobarbus carnaticus*)



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