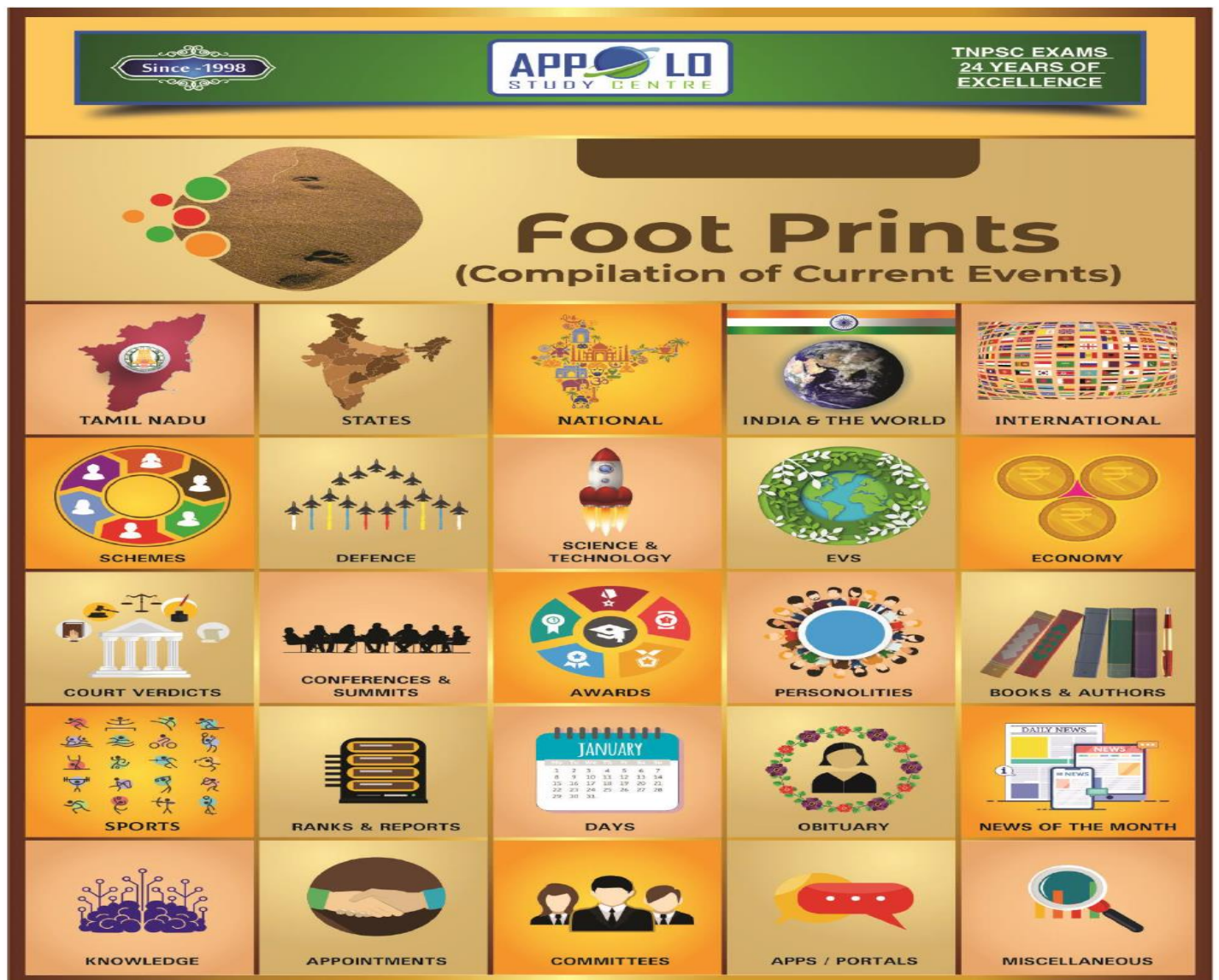


MONTHLY CURRENT AFFAIRS – NOVEMBER 01-30, 2024



Sl.No	TOPICS	Pg.No
1	Tamil Nadu	3
2	State	9
3	National	11
4	Schemes	13
5	International	17
6	India and other countries	19
7	Conferences & Summits	20
8	Defence	27
9	Economy	33
10	Appointments	36
11	Awards	38
12	Personalities	43
14	Books and authors	44
15	Science, Technology & Environment	46
16	Sports	53
17	Obituary	56
18	Report	57
19	Ranking	60
20	Important Days	62
21	TNPSC original questions	66

TAMIL NADU

➤ **Border Martyrs Day**

- ✓ Leaders in Tamil Nadu paid tributes to those who sacrificed for the state's inclusion of Tamil-speaking areas on Border Martyrs Day.



- ✓ The day marks the state's formation based on linguistic reorganization on November 1, 1956.
- ✓ Tamil Nadu Chief Minister M K Stalin paid heartfelt tributes on Border Martyrs Day, recognizing those who fought for the inclusion of Tamil-speaking areas in the state.

➤ **Padham Padhukaapom Thittam**

- ✓ The Tamilnadu State government has issued a G.O to start the Paadham Paadhukappom Thittam for diabetes patients.



- ✓ This scheme aims to facilitate early identification of diabetic foot and prevent amputation.
- ✓ This facility will be available soon in 2336 Primary Health centres, 299 govt hospitals and 36 government medical college hospitals.

➤ **Kanavu Asiriyar Programme**

- ✓ A total of 54 teachers under the Kanavu Asiriyar 2023 (Dream Teacher) programme of the School Education Department left for an educational tour to France on October 22, and are set to return on Monday.



- ✓ Fifty of the teachers are from government schools and four from government-aided schools.
- ✓ According to a press release, the teachers were selected as they scored more than 90% in examinations conducted as part of the programme and excelled in various aspects of education, art, technology, tradition, and culture. They had received the Kanavu Asiriyar 2023 Award.

➤ **ASI Plans Excavation on Megalithic Burial Site at Amoor Village**

- ✓ The Archaeological Survey of India (ASI), Chennai Circle has planned to undertake excavation at Amoor, a protected site located on the banks of lower Palar River valley near Thiruporur in Chengalpattu district.



- ✓ The ASI, in 1921, had discovered a megalithic burial site having cists and cairns in a 130-acre odd parcel of land located in Amoor village, in the lower Palar valley, official sources said.
- ✓ After the discovery of the ancient burial site, the parcel of land owned by the Forest Department was declared as a protected site by the ASI.

➤ **Uttachathai Uruthi Sei**

- ✓ Chief Minister M.K. Stalin launched the Phase II of 'Uttachathai Uruthi Sei' – nutritional intervention programme for malnourished children and their mothers at Ariyalur.



- ✓ Buoyed by the success of the nutrition interventional programme for malnourished children and their mothers in the state, Tamil Nadu Chief Minister M K Stalin launched the second phase of the “Uttachathai uruthi sei” for Rs 22 crore at Vaaranavasi Children's Center, in the district on Friday.
- ✓ Over 76,700 babies up to six months and their mothers who have been identified as malnourished would be covered under the second phase of the programme that was initially launched at Doddabetta Panchayat, Nilgiris district, on May 21, 2022.

➤ **Tamil Nadu's Green Energy Corridor-II Initiative**

- ✓ The Green Energy Corridor-II (GEC-II) Scheme is a project for Tamil Nadu, which aims to enhance the state's renewable energy transmission capacity.



- ✓ The initiative is part of a larger national effort to integrate renewable energy sources into the grid. The Central Electricity Authority (CEA) has outlined this plan in its recent report.
 - ✓ The project is valued at 719.76 crore and focuses on integrating 19 gigawatts (GW) of renewable energy. Tamil Nadu will contribute 4,000 megawatts (MW) of this total.
 - ✓ The infrastructure will include 624 circuit kilometers (ckm) of transmission lines and 2,200 substations.
- **Tamil Nadu's AI Mission: Centre of Excellence**
- ✓ Kumar Jayant, Additional Chief Secretary of the Department of Information Technology and Digital Services, announced Tamil Nadu's initiative to establish a Centre of Excellence (CoE) with an AI lab.



- ✓ This move is aimed at fostering research, development, and supporting startups and academic institutions.
- ✓ The state is also integrating AI into governance, enhancing services in healthcare, agriculture, and public sector monitoring.

- ✓ This strategic shift reflects the state's commitment to leveraging AI's potential for both societal benefit and innovation.
- **Ainthinai Scheme: Govt. to Set Up Units for Value Addition to Tribal Agro Products**



- ✓ The Department of Adi Dravidar and Tribal Welfare is taking steps to finalise the establishment of value-addition units for tribal agro products under its Tolkudiyinar Velanmai Melanmai Thittam, also called as project Ainthinai – a land-based cluster approach for socio-economic development of Scheduled Tribe (ST) communities.
- ✓ S. Annadurai, Director, Tribal Welfare, said the Department had launched the scheme earlier this year to improve the livelihood of ST communities residing in various landscapes, and involved in agriculture and allied activities.
- **T.N. plans Hub to Tackle Health Risks Linked to Climate Change**



- ✓ The Tamil Nadu government will set up a '**One Health and Climate Hub**' at the Department of Health and Family Welfare to address the interconnected challenges of human, animal, and environmental health in the face of climate change.

- ✓ The hub will conduct comprehensive studies to map health risks and diseases exacerbated by climate change and work on developing predictive models using artificial intelligence (AI) to assess future disease trends based on climate scenarios.

➤ **Vizhuthugal – One Stop Centre**



- ✓ Chief Minister M.K. Stalin on Monday inaugurated the 'Vizhuthugal – One Stop Centre', at Kannagi Nagar in Sholinganallur in Chennai, with the objective of providing health-related rehabilitation services to persons with disabilities.
- ✓ The Vizhuthugal – One Stop Centre, established by the Department for the Welfare of Differently Abled Persons, is part of a World Bank-assisted T.N. Rights Project, which aims to deliver integrated services to meet the individual needs of persons with disabilities.

STATE

➤ Gujarat Semiconductor Policy 2022-2027

- ✓ Gujarat has become India's 1 state to implement a dedicated semiconductor policy.



- ✓ 'Gujarat Semiconductor Policy 2022-2027' has been introduced by Gujarat government.
- ✓ The policy aims to solidify position of Gujarat as a leader in semiconductor self-reliance.
- ✓ India's first AI-enabled semiconductor fabrication facility is being established by Tata Electronics Private Limited (TEPL) and Taiwan's Powerchip Semiconductor Manufacturing Corporation (PSMC) in Dholera's emerging 'Semicon City'.

➤ Guru Ghasidas-Tamor Pingla Tiger Reserve: India's 56th Tiger Reserve

- ✓ Union Minister for Environment, Forest and Climate Change, **Shri Bhupender Yadav**, recently announced the notification of the **Guru Ghasidas-Tamor Pingla Tiger Reserve** in Chhattisgarh as the **56th Tiger Reserve** in India.



- ✓ This monumental step in wildlife conservation marks a significant milestone for the country's efforts to preserve its tiger population and biodiversity.
- ✓ The notification of Guru Ghasidas-Tamor Pingla Tiger Reserve aligns with the **National Tiger Conservation Authority's (NTCA)** recommendation under **Project Tiger**.



NATIONAL

➤ **Special Dolphin Ambulance Project**

- ✓ The National Mission for Clean Ganga (NMCG) is introducing a special Dolphin Ambulance with a budget of 1 crore to rescue and assist distressed Ganga River Dolphins, India's national aquatic animal.



The initiative, 'Advancing Rescue System for the Protection of Stranded Ganges River Dolphins,' also aims to boost awareness and community training for dolphin conservation.

➤ **VISION Portal**

- ✓ Science and Technology Minister Dr. Jitendra Singh inaugurated the Viksit Bharat Initiative for Student Innovation and Outreach Network (VISION) in New Delhi.



- ✓ The initiative is aimed at nurturing education, skill development, and innovation among underprivileged children.
- ✓ He emphasized how the portal could act as a gateway for those in remote areas to access mentorship and training.

- ✓ Mr. Singh also said that initiatives like VISION are integral to realizing the country's aspirations under Vision India 2047, which aims to position India as a global leader in technology, education, and economic growth.

➤ **India's First Constitution Museum**

- ✓ India's first Constitution Museum was inaugurated by Lok Sabha Speaker Om Birla.

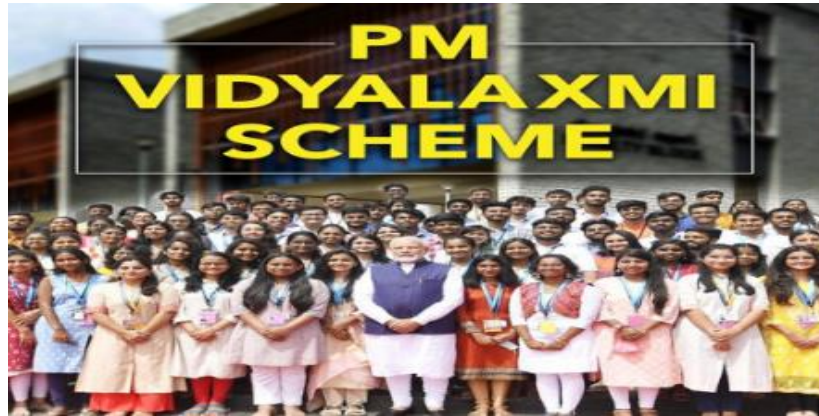


- ✓ It is a unique initiative and a historical institution in Indian constitutional history.
- ✓ The inauguration of the Constitution Museum is dedicated to the nation with an aim to encourage the youth of India, the leaders of tomorrow, to embrace the Constitution of India as a beacon of knowledge that will shape and govern the future of our country.
- ✓ The year 2024 commemorates the 75th anniversary of the adoption of the Constitution.

SCHEMES

➤ **PM-Vidyalaxmi Scheme for Higher Education**

- ✓ The Union Cabinet, chaired by Prime Minister Narendra Modi, approved the PM-Vidyalaxmi scheme on November 6, 2024, aimed at providing financial support to meritorious students seeking higher education.



- ✓ The scheme ensures collateral-free, guarantor-free loans for students enrolling in top 860 Quality Higher Education Institutions (QHEIs) across India, covering tuition fees and other educational expenses.
- ✓ With an outlay of 3,600 crore, this scheme targets to benefit 22 lakh students annually, empowering them to pursue their academic dreams without financial barriers.

➤ **Scheme for Strengthening the Medical Device Industry**

- ✓ The Scheme for Strengthening the Medical Device Industry has been launched by the government.



- ✓ This scheme will give a boost to the medical devices industry.
- ✓ It is a comprehensive scheme which targets critical areas of the medical device industry, covering manufacturing of key components and accessories, skill development, support for clinical studies, etc.
- ✓ The medical device industry is an essential pillar of healthcare delivery. India's medical device market is expected to grow to \$30 billion by 2030.

➤ **One Day One Genome**

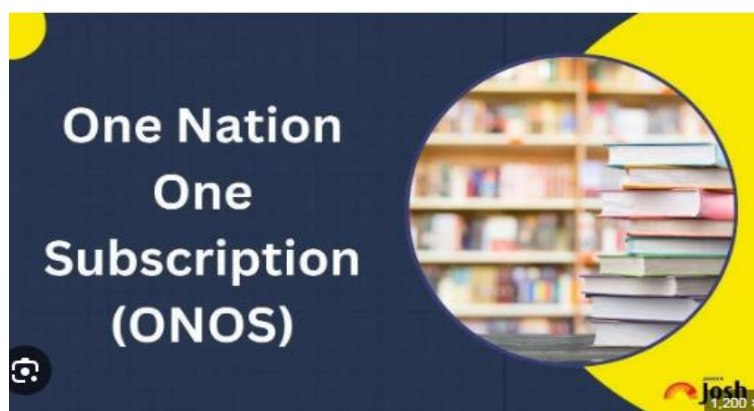
- ✓ The Department of Biotechnology (DBT) and the Biotechnology Research and Innovation Council (BRIC) have launched the 'One Day One Genome' initiative to map and highlight India's microbial wealth.



- ✓ Announced by India's G-20 Sherpa, Amitabh Kant, the initiative aims to showcase the critical role of unique bacterial species in India's environment, agriculture, and human health.
- ✓ This project will leverage genome sequencing to explore and unlock the microbial world's immense potential for various advancements.

➤ **One Nation One Subscription**

- ✓ The Union Cabinet, led by Prime Minister Narendra Modi, has approved the One Nation One Subscription (ONOS) scheme, allocating 6,000 crore for 2025-2027.



- ✓ This initiative aims to provide seamless access to high-impact scholarly articles and journals for nearly 1.8 crore students, faculty, and researchers across 6,300 government-managed higher education and R&D institutions.
- ✓ This scheme aligns with India's ViksitBharat@2047 vision, the National Education Policy (NEP) 2020, and the Anusandhan National Research Foundation (ANRF) to foster a research-driven educational ecosystem.

➤ **PAN 2.0 Project of Income Tax Department**

- ✓ The Cabinet Committee on Economic Affairs (CCEA) has approved the PAN 2.0 Project of the Income Tax Department.



- ✓ This project will have financial implications of one thousand 435 crore rupees.
 - ✓ Under this project, the existing system will be completely upgraded and there will be unified portal.
 - ✓ The existing Permanent Account Number will be the same.
 - ✓ The PAN 2.0 Project is an e-Government initiative.
 - ✓ It aims to improve the digital experience of taxpayers.
- **Union Cabinet Launched the National Mission on Natural Farming (NMNF)**
- ✓ The National Mission on Natural Farming (NMNF) has been launched as a standalone Centrally Sponsored Scheme.



- ✓ The mission has been launched with a financial outlay of 2,481 crore.
- ✓ The mission aims to move farmers towards natural farming methods.
- ✓ National Mission on Natural Farming has been designed to support farmers in reducing the cost of cultivation by decreasing reliance on externally purchased inputs.

➤ **Bima Sakhi Yojana**

- ✓ On 9th December, Prime Minister Narendra Modi will launch the 'Bima Sakhi Yojana' in Panipat, Haryana, aimed at empowering women by creating job opportunities in the insurance sector.



- ✓ Under this scheme, women will become agents of the Life Insurance Corporation (LIC), enabling them to sell insurance and earn an income.
- ✓ This initiative is part of the broader efforts to promote women's empowerment and economic independence.

INTERNATIONAL

➤ International Solar Alliance

- ✓ India has been elected as President of International Solar Alliance for 2 years until 2026.



- ✓ France has been elected as co-President of International Solar Alliance for 2 years until 2026.
- ✓ Ashish Khanna will succeed Dr. Ajay Mathur as ISA Director General. He will assume the role in 2025. India's solar capacity has expanded from less than 2 GW in 2014 to 90 GW.
- ✓ Fiji aims to meet 100% of its power demand with renewable energy by 2030. Fossil fuel imports currently account for 30% of Fiji's total import costs.

➤ Brazil Officially Hands Over G20 Presidency to South Africa



- ✓ Brazil officially transferred the Group of 20 (G20) Presidency to South Africa during the closing ceremony of the annual G20 summit in Rio de Janeiro, Brazil.

- ✓ This marks a historic milestone as South Africa becomes the first African nation to lead the G20, with a robust agenda planned for its presidency.



INDIA & OTHER COUNTRIES

➤ India-Albania

- ✓ India and Albania held bilateral consultations in Tirana. During the consultations, both sides undertaken a comprehensive review of bilateral, regional, and international issues.



- ✓ Bilateral discussions included political relations, trade, cultural relations, and people-to-people contacts.
- ✓ Discussions also covered cooperation between the two countries in the international arena.
- ✓ Both sides exchanged views on regional and global issues of mutual interest.

CONFERENCES & SUMMITS

➤ **First Asian Buddhist Summit**

- ✓ Ministry of Culture in collaboration with the International Buddhist Confederation, is organizing the First Asian Buddhist Summit (ABS) on 5th and 6th November in New Delhi.



- ✓ The theme of this summit is 'Role of Buddha Dhamma in Strengthening Asia'.
 - ✓ The Summit will bring together Sangha leaders, scholars, experts and practitioners from various Buddhist traditions across Asia to foster dialogue, promote understanding and address contemporary challenges faced by the Buddhist community.
- **India's Updated Biodiversity Action Plan Launched at COP 16**
- ✓ MoS for Environment Kirti Vardhan Singh launched India's updated National Biodiversity Strategy and Action Plan at COP 16 in Colombia.



- ✓ The NBSAP emphasizes a collaborative approach, addressing challenges in ecosystem and wetland restoration, and sustainable coastal area management.
- ✓ The plan aims to halt biodiversity loss by 2030, with a vision for harmonious living with nature by 2050.

➤ **Anti-Terrorism Conference-2024**

- ✓ The government will bring a National Counter Terrorism Policy soon.



- ✓ On 7 November, a two-day 'Anti-Terrorism Conference-2024' was organized by the National Investigation Agency (NIA) in New Delhi.
- ✓ During this, the Home Minister also announced that the Home Ministry will soon introduce a National Counter-Terrorism Policy and Strategy to fight terrorism, terrorists and the entire ecosystem that supports them.

➤ **COP29: The Crucial Climate Summit in Baku, Azerbaijan**

- ✓ The 29th UN Climate Summit, COP29, kicked off in Baku, Azerbaijan, on November 11, 2024, with discussions set to focus on vital climate finance mechanisms, particularly the new "New Collective Quantified Goal" (NCQG).



- ✓ The summit, running until November 22, aims to address urgent global climate issues and secure financial commitments to assist developing nations in combating the devastating effects of climate change, caused largely by greenhouse gas emissions.

➤ **India Game Developer Conference 2024**

- ✓ The 16th India Game Developer Conference (IGDC) is underway in Hyderabad.



- ✓ This three-day event, organized by the Game Developer Association of India (GDAI), is set to draw approximately 20,000 attendees.
- ✓ It will showcase the rapid growth of India's gaming sector.
- ✓ The conference aims to explore the future of gaming on a global scale. Discussions will focus on how India can further establish itself as a leader in the gaming sector.
- ✓ The insights gained will help shape strategies for growth and development in the industry.

➤ **Baku Call Launched On Climate Action For Peace**

- ✓ COP29 Presidency today launched the Baku Call on Climate Action for Peace, Relief, and Recovery (BCCAP), an initiative addressing the urgent link between climate change, conflict, and humanitarian needs.



- ✓ It recognizes that climate impacts, such as water scarcity, food insecurity, and displacement, can fuel conflict, particularly in vulnerable regions.
- ✓ The Call was introduced by Azerbaijani Minister of Foreign Affairs Jeyhun Bayramov at a high-level panel, which included ministers and envoys from various countries to develop a strategy for preventing conflict and increasing support for climate- and conflict-vulnerable nations.

➤ **G20 Summit Underway In Brazil**

- ✓ Brazilian President Luiz Inancia Lula De Silva welcomes all the heads of the member states, invites and an international organization for the 1st plenary session of the 19th G20 Summit, on the “Global Alliance against Hunger and Poverty”.



- ✓ The alliance is the initiative taken under the Brazilian Presidency.
- ✓ The session sees the presence of heads of the Troika members- PM Ramaphosa of South Africa, Lua De Silva of Brazil and Indian Prime Minister Narendra Modi.
- ✓ India has taken the lead in the G20 with an impressive 7 per cent GDP growth rate projected for 2024.

➤ **Global Soil Conference 2024**

- ✓ The Global Soil Conference 2024 took place in New Delhi.



- ✓ The Indian Society of Soil Science (ISSS) organized the conference, and notable attendees included experts from various fields.
- ✓ The theme focused on soil health and its environmental significance.
- ✓ Minister Chouhan urged collaboration among scientists and leaders.
- ✓ He brought to light the need for innovative solutions. New technologies can enhance soil quality and farmer productivity. Preventing soil degradation is crucial for future generations.

➤ **ASSOCHAM AI Leadership Meet 2024**

- ✓ The Ministry of Science and Technology has launched India's first Artificial Intelligence (AI) data bank that is aimed at propelling innovation and boosting the country's national security.



- ✓ The initiative will provide researchers, startups, and developers access to high-quality, diverse datasets essential for creating scalable and inclusive AI solutions.

- ✓ The event, themed “AI for India: Advancing India’s AI Development – Innovation, Ethics, and Governance”, showcased India’s strategic roadmap for harnessing the transformative potential of AI.
- **India Hosts 1st Global Cooperative Conference**
- ✓ India will host the International Cooperative Alliance (ICA) Global Cooperative Conference in New Delhi from November 25 to 30, 2024.



- ✓ This marks the first time in the 130-year history of the ICA that the global cooperative movement’s premier event will be held in India.
- ✓ Around 3,000 delegates, including 1,000 international delegates from over 100 countries. Bhutan Prime Minister Dasho Tshering Tobgay and Fiji Deputy PM Manoa Kamikamica will attend.
- ✓ Theme: “Cooperatives Build Prosperity for All”
- **13th National Seed Congress**
- ✓ The 13th National Seed Congress (NSC) 2024, organized by the Ministry of Agriculture & Farmers’ Welfare, was inaugurated on November 28, 2024, by Union Minister Shri Shivraj Singh Chouhan via virtual address.



- ✓ The three-day event is hosted at the International Rice Research Institute South Asia Regional Centre (ISARC), Varanasi, bringing together over 700 delegates from various sectors.
- ✓ The Congress focuses on innovation, collaboration, and actionable strategies to enhance the Indian and global seed sectors.



DEFENCE

➤ Exercise VAJRA PRAHAR

- ✓ Indian Army contingent embarked on a journey to participate in the 15th edition of the India-US joint Special Forces Exercise, VAJRA PRAHAR, set to be conducted from November 2 to November 22, 2024.



- ✓ This prestigious exercise will take place at the Orchard Combat Training Centre in Idaho, USA, marking a significant step toward bolstering military cooperation and tactical interoperability between the two nations.

➤ GARUD SHAKTI 24

- ✓ The Indian Army contingent, consisting of 25 skilled personnel from the Parachute Regiment (Special Forces), recently embarked on a journey to Cijantung, Jakarta, Indonesia to participate in the 9th edition of the India-Indonesia Joint Special Forces Exercise, GARUD SHAKTI 24.



- ✓ Scheduled to take place from November 1 to November 12, 2024, this exercise is a testament to the strong military cooperation and shared strategic interests between India and Indonesia.

➤ **Exercise VINBAX**

- ✓ Vietnam-India Bilateral Army Exercise (VINBAX) 2024 has begun at Ambala, Haryana on 4 November 2024.



- ✓ This is the fifth edition of Vietnam-India Bilateral Army Exercise.
- ✓ VINBAX 2024 aims to enhance the joint military capability of India and Vietnam.
- ✓ Personnel of the Army and Air Force from both countries are participating for the first time.
- ✓ VINBAX-2024 will continue till the 23rd November 2024.

➤ **Poorvi Prahaar**

- ✓ India to launch tri-services military exercise in eastern sector from November 8.
- ✓ The 10-day-long exercise 'Poorvi Prahaar' will involve Army, Navy, Air Force assets.



- ✓ The Indian Navy's MARCOS commandos will also actively take part in the exercise.
- ✓ Exercise will showcase synergy between three forces and their combat readiness.
- ✓ The exercise marks a significant shift toward a more proactive Defence strategy.

➤ **Exercise AUSTRAHIND**

- ✓ 'AUSTRAHIND', a joint military exercise between India and Australia, started in Pune on 8 November.



- ✓ The aim of the exercise is to promote cooperation by enhancing interoperability in conduct of joint sub-conventional operations in semiurban environments in semi-desert terrain under relevant chapter of the United Nations mandate.
- ✓ 'Exercise AUSTRAHIND' is an annual event held alternately in India and Australia. In December 2023, the last edition was held in Australia.

➤ **Exercise Antariksha Abhyas**

- ✓ India Launches First Space Defense Exercise Antariksha Abhyas – 2024.



- ✓ The Defence Space Agency, under the Headquarters Integrated Defence Staff, is conducting Antariksha Abhyas – 2024, a groundbreaking three-day exercise from November 11 to 13, 2024.
- ✓ This first-of-its-kind space exercise aims to simulate and address the growing threats to space-based assets and services.

➤ **Sea Vigil 24**

- ✓ The Indian Navy will conduct the fourth edition of its nationwide coastal defence exercise, Sea Vigil-24, on November 20 and 21.
- ✓ This year's exercise will be the largest to date, covering India's extensive coastline and involving six government ministries and 21 organizations, showcasing an unprecedented level of participation.



- ✓ Undertaking its fourth edition of Pan-India Coastal Defense Exercise, Sea Vigil-24, this week, the Indian Navy said it is aimed at strengthening the country's maritime, coastal, and offshore security.
- ✓ The two-day exercise, beginning November 20, will involve a wide range of stakeholders, including six ministries and 21 organisations and agencies.

➤ **Coast Guard to Hold 'SAREX 24'**

- ✓ The Indian Coast Guard (ICG) is set to conduct the 11th edition of the National Maritime Search and Rescue Exercises & Workshop (SAREX-24) in Kochi from November 27 to 30.



- ✓ The event, organized under the aegis of the National Maritime Search and Rescue (NMSAR) Board, aims to enhance India's capabilities in maritime search and rescue (SAR) operations through a collaborative approach involving various national and international stakeholders.

➤ **Exercise Agni Warrior**

- ✓ India-Singapore Bilateral Exercise Agni Warrior 2024 Begins.



- ✓ The exercise is held at Devlali Field Firing Ranges, Maharashtra, from November 28 to November 30, 2024.
 - ✓ Enhancing professional interactions and exchanging artillery best practices between the Indian Army and Singapore Armed Forces.
 - ✓ Includes cultural exchanges to strengthen bilateral ties; aligns with deepened defence cooperation following the 6th India-Singapore Defence Ministers' Dialogue.
- **Indian Army Unveils 'Eklavya' Digital Training Platform**
- ✓ The Indian Army has launched "Eklavya," an online learning platform aimed at revolutionizing officers' training.



- ✓ Unveiled by General Upendra Dwivedi, Chief of the Army Staff (COAS), the initiative aligns with the Army's 2024 theme, "Year of Technology Absorption," and its broader vision for a "Decade of Transformation."
- ✓ Developed at zero cost in collaboration with the Bhaskaracharya National Institute of Space Applications and Geoinformatics (BISAG-N), the platform integrates seamlessly with the Army Data Network.

ECONOMY

- **Fastest Growing G20 Economy India's 7% GDP Growth Tops G20 Chart**
- ✓ India has emerged as the fastest-growing economy among G20 countries, with a projected GDP growth rate of 7% for 2024.



- ✓ This remarkable achievement highlights India's economic resilience and potential amidst global challenges.
 - ✓ The rankings, released during the ongoing G20 summit in Rio de Janeiro, Brazil, underscore the disparity in growth rates among G20 nations and set the stage for discussions on sustainable development, global governance reforms, and strategies to combat poverty, hunger, and inequality.
- **State Seeks Inclusion of Economic Contribution as Criterion for Devolution**
 - ✓ The Tamil Nadu government has suggested that a State's contribution to the country's economy be made a criterion within the formula for horizontal devolution.



- ✓ Tamil Nadu has sought a weightage of 15% to this criterion. Gujarat and Telangana have made similar suggestions.

- ✓ For instance, if Tamil Nadu accounted for 8% of the country's GDP, the State's share, based on this criterion, would be 8%.
- ✓ As a whole, the State had recommended a 35% weightage to income distance.
- **T.N.'s Investment Needs Amount to 6.84 Lakh Crore**
- ✓ In a memorandum to the 16th Finance Commission, the Tamil Nadu government said the investment needs of the State stood at 6.84 lakh crore.



- ✓ Besides, it required 5.32 lakh crore for meeting infrastructure needs in urban areas.
- ✓ The funding requirement in the power sector was 62,000 crore, and the investment needs for industrialisation was 43,600 crore.
- ✓ For modernisation of buses and public transport systems, 7,000 crore was required.
- ✓ For nurturing the blue economy, support for secondary and tertiary healthcare, and restoration of waterbodies, 5,000 crore each was required, the State said.

➤ **Tamil Nadu GST Collections in 2024-25**

- ✓ Tamil Nadu has seen a robust 20.12% growth in State Goods and Services Tax Collections (SGST) in the first half of fiscal of year 2024-25.



- ✓ It is the highest growth rate among the key comparable States for which data is available.
- ✓ Tamil Nadu's State Goods and Services Tax (SGST) collection grew 20.12% to 35,414.05 crore in the first half of the year 2024-25.
- ✓ It was 29,481.97 crore in the comparable period last year.



APPOINTMENT

➤ New Defence Secretary

- ✓ Rajesh Kumar Singh, a distinguished 1989-batch Indian Administrative Service (IAS) officer of the Kerala cadre, officially took charge as the Defence Secretary at South Block, New Delhi.



- ✓ Mr. Singh succeeds Giridhar Aramane, the 1988-batch IAS officer from the Andhra Pradesh cadre, who retired from his service on October 31, 2024, after serving a notable two-year term in this crucial role.
- ## ➤ 47th President Of USA
- ✓ Donald Trump has clinched a critical victory in Wisconsin, securing 295 electoral votes – well above the 270 needed – to reclaim the White House as America's 47th president.



- ✓ Speaking to an enthusiastic crowd in West Palm Beach, Florida, Trump expressed gratitude for the "extraordinary honour" bestowed upon him by the American

people, acknowledging his unique role as both the 45th and now the 47th president.

➤ **51st Chief Justice of India**

- ✓ Supreme Court judge Justice Sanjiv Khanna was sworn in as the 51st Chief Justice of India on Monday (November 11, 2024).



- ✓ Justice Khanna succeeds Justice D.Y. Chandrachud, who retired on Sunday (November 10, 2024), and his term will last until May 13, 2025.
 - ✓ The Centre officially notified Justice Khanna's appointment on October 24, following Chief Justice Chandrachud's recommendation on October 16.
- **Archana Patnaik is New Chief Electoral Officer of T.N.**
- ✓ The Election Commission of India (EC) on Friday named IAS officer Archana Patnaik as the Chief Electoral Officer of Tamil Nadu, replacing incumbent Satyabrata Sahoo.



**Tamil Nadu: Archana Patnaik
appointed as new Chief Electoral
Officer**

The NEWS Minute

- ✓ Ms. Patnaik is at present the Secretary of the MSME Department.

- ✓ Ms. Patnaik would cease to hold and hand over forthwith the charge of all or any charges of work under the Government of Tamil Nadu, which she may be holding before such assumption of office as the CEO, an EC notification said.



AWARDS

➤ **Kalaignar M. Karunanidhi Semmozhi Tamil Award**

- ✓ Tamil Nadu Chief Minister M.K. Stalin on Friday (November 8, 2024) handed over the Kalaignar M. Karunanidhi Semmozhi Tamil Award for 2024 to Tamil scholar M. Selvarasan, formerly with the Tamil Department of the University of Madras.



- ✓ The award, given for the best contribution to classical Tamil studies by a researcher or a research institution in specified areas leading to the creation of new knowledge in ancient Tamil culture and civilization, carries a cheque for 10 lakh, a citation plaque, and a bronze replica of the donor and former Chief Minister M. Karunanidhi.

➤ **Booker Prize for Fiction with “Orbital”**

- ✓ British author Samantha Harvey has won the prestigious Booker Prize for Fiction for her novel “Orbital,” a thought-provoking and imaginative exploration set in the unique setting of the International Space Station (ISS).



- ✓ The novel, which Harvey refers to as a “space pastoral,” delves into the fragility of Earth and the profound connection humans have with their planet, using the perspective of astronauts in orbit.

➤ **Dominica Award of Honour**

- ✓ Dominica announced to give its highest national honor to Prime Minister Modi.



- ✓ The Commonwealth of Dominica has announced that it will confer its highest national award, the Dominica Award of Honour, on Indian Prime Minister Narendra Modi.
- ✓ The award will be given for his contribution to the nation, especially during the Covid-19 pandemic, and his role in strengthening ties between India and Dominica.
- ✓ In February 2021, India provided 70,000 doses of the AstraZeneca COVID-19 vaccine to Dominica.

➤ **Grand Commander of the Order of Niger**

- ✓ Prime Minister Shri Narendra Modi was conferred the prestigious national award, “Grand Commander of the Order of Niger”, by the President of the Federal Republic of Nigeria, H.E. Mr. Bola Ahmed Tinubu, at the State House.



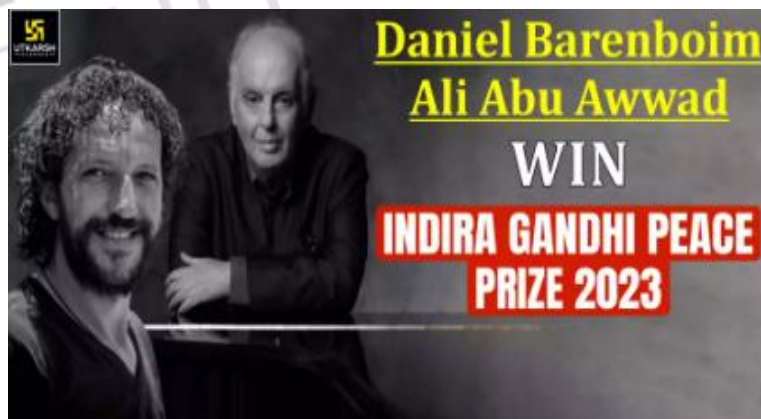
- ✓ This honour celebrates Prime Minister Modi's visionary leadership, transformative governance, and significant contributions to fostering stronger India-Nigeria ties and the aspirations of the Global South.
- **Guyana's 'The Order of Excellence' Award**
- ✓ PM Modi was awarded 'The Order of Excellence,' Guyana's highest honor, by President Irfaan Ali.



- ✓ The award acknowledges his exceptional contributions during the COVID-19 pandemic and his global leadership.
- ✓ Modi dedicated the honour to the people of India, highlighting the long-standing ties between India and Guyana.
- ✓ The award emphasizes the strengthening of India-Guyana relations, with Modi's visit seen as a testament to India's commitment to these ties.
- **Global Peace Award In Washington**
- ✓ Association of Indian American Minorities (AIAM), a newly launched non-governmental organization, was inaugurated, at the Sligo Seventh-day Adventist Church in Maryland, USA.



- ✓ The organization aims to foster unity and uplift minority communities within the Indian American diaspora.
- ✓ During the launch event, Prime Minister Narendra Modi was honoured with the 'Dr. Martin Luther King Jr. Global Peace Award for Minority Upliftment', recognizing his efforts in inclusive development and minority welfare.
- **Indira Gandhi Peace Prize**
- ✓ The Indira Gandhi Prize for Peace, Disarmament, and Development for 2023 was presented to classical pianist and conductor Daniel Barenboim and Palestinian peace activist Ali Abu Awwad.



- ✓ The prize was given to Mr. Barenboim for his contribution to foster peace through musical and cultural dialogue initiatives and to Mr. Awwad for his advocacy for dialogue through his organisation Roots, an outfit that he started after spending time in an Israeli jail.

PERSONALITIES

- **First Indian to win Miss Grand International 2024**
- ✓ 20-year-old Rachel Gupta from Jalandhar **has become** the first Indian to win the prestigious Miss Grand International 2024 crown.



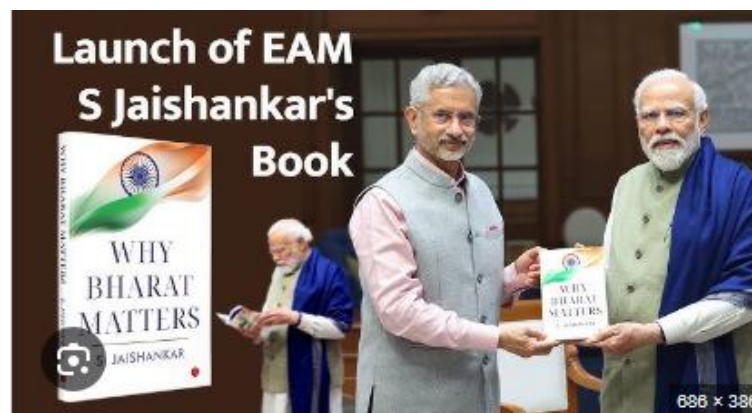
- ✓ The groundbreaking victory came as she competed against contestants from more than 70 countries.
- ✓ Gupta also secured the Grand Pageants Choice Award 2024.
- ✓ Rachel now holds the record for the most number of global pageant crown wins by an Indian and is currently tied with former Miss Universe Lara Dutta.

BOOKS & AUTHORS

- **Speaking with Nature: The Origins of Indian Environmentalism**
- ✓ Renowned historian and public intellectual **Ramachandra Guha** is widely celebrated for his profound insights into Indian history and society, especially as the biographer of Mahatma Gandhi.



- ✓ However, his contributions extend well beyond biography and history; he is a pioneering figure in Indian environmentalism.
 - ✓ His latest book, *Speaking with Nature: The Origins of Indian Environmentalism*, is a testament to his commitment to exploring India's unique ecological heritage.
- **Why Bharat Matters**
 - ✓ External Affairs Minister Dr S. Jaishankar launched his book, *Why Bharat Matters*, at the Mohammed Bin Rashid Library in Dubai, UAE.



- ✓ During the event, Dr. Jaishankar provided insight into the themes and key messages of his book, reflecting on the complex interplay of global and domestic factors shaping India's position in the world.



SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ India's First Analog Space Mission

- ✓ Indian Space Research Organisation (ISRO) has started the country's first analog space mission at Leh in Ladakh, where space agency will simulate life in an interplanetary habitat.



- ✓ The move assumes significance as India is planning to send a human to the Moon in the near future.
- ✓ Analog space missions are field tests in locations on Earth that have physical similarities to the extreme space environments and play a significant role in problem solving for spaceflight research.

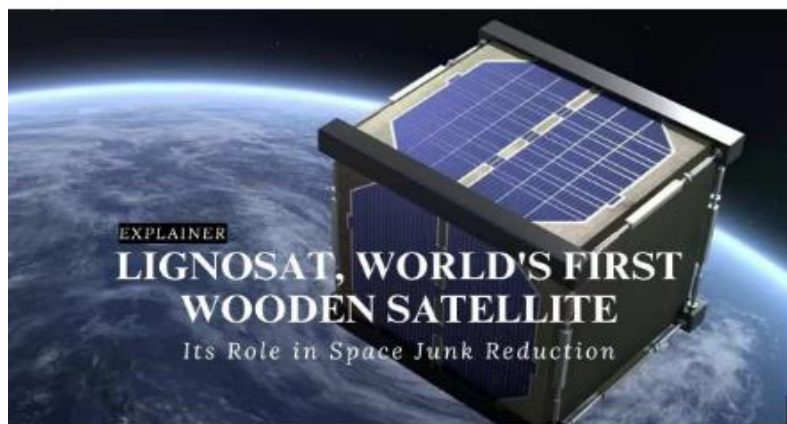
➤ India To Launch ESA Mission PROBA-3

- ✓ Science and Technology Minister, Dr. Jitendra Singh has said that India will launch the European Space Agency mission named PROBA-3 next month from the Sriharikota Space Station.



- ✓ The mission will study the Sun's faint corona closer to the solar rim.

- ✓ The Minister also underscored India's vision to increase their contribution in the global space economy from 2 percent to 10 percent in the coming years.
- **World's First Wooden Satellite, LignoSat**
- ✓ In Japan, the world's first wooden satellite was launched into space today aims to prove that wood is a space-grade material.



- ✓ The satellite LignoSat is scheduled to orbit the Earth for six months.
- ✓ According to media reports, designed by researchers at Kyoto University in Japan, LignoSat is made of honoki, a kind of magnolia tree that was traditionally used to make sword sheaths.
- **Senna spectabilis in Tamil Nadu**
- ✓ The Tamil Nadu government has informed the Madras High Court that the forests of the state would be made free of one of the invasive weeds – Senna spectabilis by the next 12 months.



- ✓ It was introduced to the Nilgiri Biosphere Reserve (NBR) after being sourced from South and Central America.

- ✓ It is a fast-growing species, particularly on deep soils, and is fire- and termiteresistant and tolerant of strongly acidic soils.
- **Research Centre to Study Spacecraft & Launch Vehicle Thermal Management**
- ✓ Indian Institute of Technology Madras (IIT Madras) has collaborated with Indian Space Research Organisation (ISRO) to establish a Centre of Excellence for research in 'Fluid and Thermal Sciences'.



- ✓ The ISRO would be providing a seed funding of 1.84 crore towards establishing this centre.
- ✓ This centre will act as a nodal centre for spacecraft and launch vehicle-related thermal management research activities of ISRO.
- **Tamil Nadu Tackles Invasive Plant Threat**
- ✓ The Tamil Nadu Forest Department is dealing with a new ecological problem caused by an invasive plant called *Senna tora*.



- ✓ This plant, originally from Central America, has been found in the Mudumalai Tiger Reserve and nearby areas, which may harm local wildlife.
- ✓ The plant poses a potential risk to grasslands.

- ✓ These grasslands are crucial for local fauna, including elephants, deer, and Indian gaur.
- ✓ The introduction of *Senna tora* could exacerbate existing ecological challenges.

➤ **SpaceX to Launch India's Communication Satellite GSAT-20**

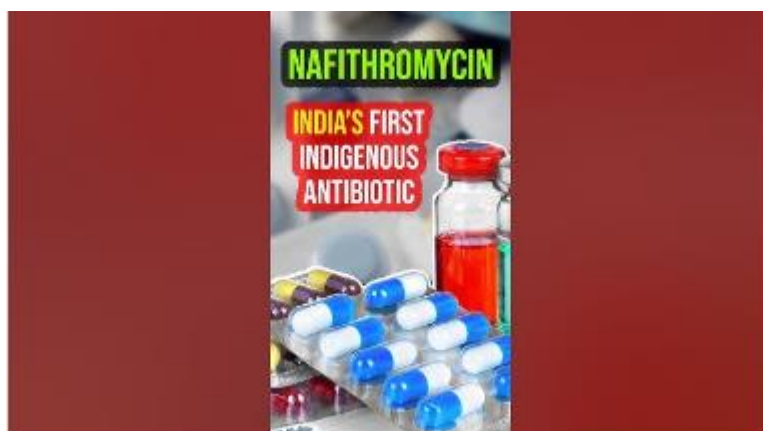
- ✓ India's heavy communication satellite GSAT-20, weighing 4,700 kg, will be launched from Cape Canaveral, USA, by Elon Musk's SpaceX on November 19, 2024.



- ✓ The satellite, developed by the Indian Space Research Organisation (ISRO), will provide essential communication services, including internet connectivity to remote areas.
- ✓ This marks a significant milestone in India's space endeavors, as the satellite is too heavy for India's own launch vehicle, the LVM-3 "Bahubali."

➤ **First Indigenous Antibiotic Drug Named Nafithromycin**

- ✓ Union Minister of Science and Technology Dr. Jitendra Singh has launched the first indigenous antibiotic drug named Nafithromycin for resistant infections.



- ✓ Addressing the event in New Delhi, Mr Singh said that the three-day treatment regimen of Nafithromycin is a game-changer against drug-resistant pneumonia, a condition responsible for over two million deaths worldwide annually.
- ✓ It is the country's first indigenously developed antibiotic aimed at tackling Antimicrobial Resistance-AMR.

➤ **Cyclone Fengal**

- ✓ A potential cyclone named 'Fengal,' suggested by Saudi Arabia, is forming in the Bay of Bengal, according to the India Meteorological Department (IMD).



- ✓ The system, originating as a cyclonic circulation on November 21 near the South Andaman Sea, is likely to evolve into a Low Pressure Area (LPA) by November 23 and intensify into a depression by November 24.
- ✓ This comes on the heels of Cyclone Dana, which severely impacted Odisha in October 2024.

➤ **India Launches First AI Data Bank to Boost National Security**

- ✓ India has launched its 1st AI data bank to enhance national security through real-time satellite, drone, and IoT analytics.



- ✓ The initiative provides diverse datasets for scalable AI solutions in governance, business, and cybersecurity sectors.
- ✓ This aligns with India's vision of using AI for innovation, disaster management, and economic growth while ensuring responsible use and transparency.

➤ **ISRO And ASA Join Hands For Gaganyaan Mission**

- ✓ Indian Space Research Organisation (ISRO) has entered into a significant collaboration with the Australian Space Agency (ASA) to support India's first crewed spaceflight program, Gaganyaan.



- ✓ Two space agencies signed an Implementation Agreement (IA) to enhance cooperation on crew and crew module recovery, which is crucial for the success of the Gaganyaan mission.
- ✓ This agreement will provide India with the necessary assistance to ensure the safe recovery of astronauts in the event of a contingency during the mission.

➤ **India Conducts 'Historic' Flight Test of Hypersonic Missile**

- ✓ India on Sunday announced the successful flight test of its maiden long-range hypersonic missile with a range of 1,500 km.



- ✓ The Defence Research and Development Organisation (DRDO) conducted the flight test late on Saturday from Dr. A.P.J. Abdul Kalam Island, off Odisha coast, the latest in a series of missile tests in the past two months.
- ✓ The missile is designed to carry various payloads for ranges greater than 1,500 km for all the services of Indian armed forces.

➤ **India's First Space AI Lab**



- ✓ Hyderabad-based space tech company TakeMe2Space (TM2Space) is set to launch MOI-TD (My Orbital Infrastructure – Technology Demonstrator), India's first AI laboratory in space, aboard ISRO's PSLV C60 rocket in mid-December 2024.
- ✓ This mission will enable real-time in-orbit data processing, drastically reducing data transmission costs and opening space research to a broader audience.
- ✓ The platform's evaluation highlights the role of state-of-the-art satellite testing facilities in fostering private space research in India.

SPORTS

➤ India Formally Bids to Host the 2036 Olympics

- ✓ The Indian Olympic Association (IOA) officially submitted a Letter of Intent to the Future Host Commission of the International Olympic Committee (IOC).



- ✓ India has formally desired to host the Olympic and Paralympic Games in 2036.
- ✓ 10 countries have shown initial interest in hosting the 2036 Games.
- ✓ Los Angeles in the USA will host the 2028 Summer Olympics, and Brisbane, Australia, will host the 2032 Games

➤ Young Chess Prodigy Makes History at Three

- ✓ Anish Sarkar, a three-year-old from Kolkata, has recently gained international attention.



- ✓ He has become the youngest chess player ever ranked by the International Chess Federation (FIDE).
 - ✓ This milestone follows his participation in various tournaments, showcasing his remarkable talent at an early age.
- **India to Host Inaugural Kho Kho World Cup in 2025**
- ✓ India is all set to host the inaugural Kho Kho World Cup from January 13 to 19, 2025, at the Indira Gandhi Indoor (IGI) Stadium in New Delhi.



- ✓ This historic event marks a significant step towards elevating Kho Kho, one of India's most cherished indigenous games, onto the global stage.
 - ✓ With the support of the Indian Olympic Association (IOA) and the Kho Kho Federation of India (KKFI), the tournament promises to be a milestone in the promotion of traditional sports.
- **Khelo India Youth & Para Games in 2025**
- ✓ Bihar will host the Khelo India Youth Games and Para Games in April 2025, showcasing its capability to organize major sports events.



- ✓ The event aligns with PM Modi's vision to bring Khelo India Games to every part of India, aiming for a "Viksit Bharat" by 2047.
 - ✓ Bihar has 38 Khelo India Centres and one State Centre of Excellence to support grassroots athletes.
- **Under-8 World Cadets Chess Champion 2024**
- ✓ Eight-year-old Divith Reddy of Hyderabad, Telangana, has won the Under-8 World Cadets Chess Championship in Montesilvano, Italy.



- ✓ Divith secured 9 out of the possible 11 points in the Under-8 World Cadets Chess Championship and was tied with fellow Indian Sattwik Swain and the Chinese Ziming Guo.
- ✓ However, due to a better tie-break score, Divith Reddy was awarded the gold medal, Sattwik Swain the silver medal.

OBITUARY

- **Writer Indra Soundar Rajan passes away in Madurai**
- ✓ Noted short-story writer and motivational speaker Indra Soundar Rajan died in Madurai on Sunday (November 10, 2024).



- ✓ The 65-year-old writer had bagged many awards for his books and among them “*Yen Peyar Renganayaki*” got him the Tamil Nadu State Award.
- ✓ The story for the popular television serial “*Marmadesam*” was authored by him and he was known for writing thrillers, some of which were hits in the silver screen.

REPORT

➤ World Health Organization's Global Tuberculosis Report 2024

- ✓ In India, there has been a 17.7% decline in TB incidence from 2015 to 2023.



- ✓ According to the World Health Organization's Global Tuberculosis Report 2024, the rate is twice the global average decline of 8.3%.
- ✓ India had pledged to achieve the "End TB" targets by 2025.
- ✓ This is five years ahead of the United Nations Sustainable Development Goals deadline of 2030.
- ✓ The achievements highlight the impact of India's National Tuberculosis Elimination Programme.

➤ State of the Climate 2024 Report

- ✓ The WMO State of the Climate 2024 Update once again issues a Red Alert at the sheer pace of climate change in a single generation.



- ✓ 2024 is on track to be the warmest year, with global temperatures 1.54°C above pre-industrial levels.

- ✓ Greenhouse gas levels (CO₂, CH₄, N₂O) hit record highs in 2023, continuing to rise in 2024.
- ✓ Global sea level rise accelerated to 4.77 mm/year (2014-2023), doubling the rate of 1993-2002.
- ✓ Glaciers lost an unprecedented volume of ice equivalent to five times the water in the Dead Sea in 2023.
- ✓ 2023 was the driest year for global rivers in over 30 years.

➤ India's Urban Unemployment Rate

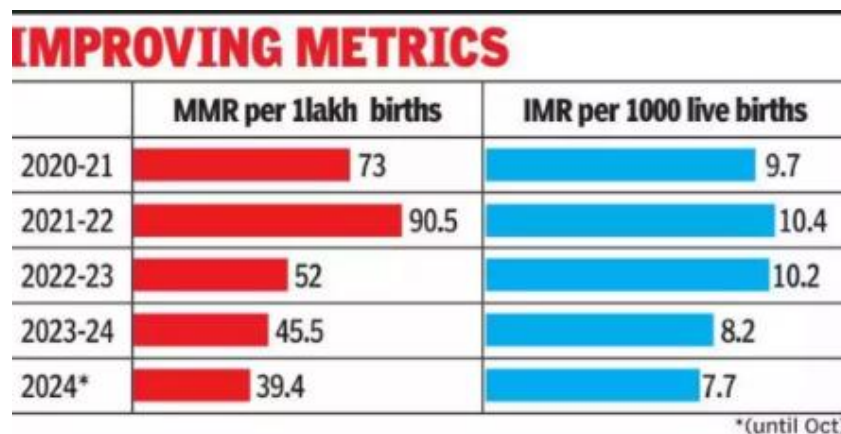
- ✓ In the July-September 2024 quarter, India's urban unemployment rate decreased to 6.4%, marking the lowest level observed in recent years.



- ✓ The rate has dropped from 6.6% in the previous quarter and remains consistent with the rate recorded in the same period last year.
- ✓ This improvement reflects positive trends in employment, particularly in urban areas, indicating progress in job creation and labour force participation.

➤ MMR in Tamil Nadu 2024

- ✓ Tamil Nadu's Maternal Mortality Ratio (MMR) has been dropped to 39.4 from 45.5 per one lakh live births during 2023-24.



- ✓ The Infant Mortality Rate (IMR) has been reduced from 8.2 per 1,000 live births to 7.7.
- ✓ The State's MMR was 73 per one lakh live births during 2020-21; 90.5 during 2021-22; and 52 during 2022-23.
- ✓ The IMR stood at 9.7 per 1,000 live births during 2020-21; 10.4 during 2021-22; and 10.2 during 2022-23.



RANKING

➤ India ranks 72 in AI Preparedness Index 2023

- ✓ Singapore leads the AI Preparedness Index with a score of 0.80, followed by Denmark and the U.S., as advanced economies are better equipped with AI frameworks.



- ✓ India ranks 72nd, scoring 0.49, with high ChatGPT awareness (45% user rate) and over 338 AI startups, showing growth in AI adoption.
- ✓ Other Countries: Bangladesh (0.38) on 113, Sri Lanka (0.43) on 92, and China (0.63) on 31.

➤ Henley Passport Index

- ✓ Singapore is ranked as the world's most powerful passport on the Henley Passport Index.



- ✓ The Henley Passport Index ranks Singapore as the world's most powerful passport.
- ✓ It has visa-free access to 195 countries. Italy, Japan, Germany, Spain, and France are in the second spot.

- ✓ Indian passport ranks 83rd with visa-free travel to 58 countries.
- ✓ The ranking is based on the number of countries that can be travelled without a visa.



IMPORTANT DAYS

Date	Day	Theme
November 01	World Vegan Day	Theme 2024- Many Lives.
November 02	International Day to End Impunity for Crimes against Journalists	Theme of 2024 is Safety of Journalists in Crises and Emergencies.
November 03	International Day for Biosphere Reserves	The theme for 2024 is "BE PART OF THE PLAN."
November 05	World Tsunami Awareness Day	The theme, "Empowering the next generation with the lessons of the 2004 Indian Ocean Tsunami - 20 years on."
November 07	National Cancer Awareness Day	The theme this year is "Hope, love, and strength: our weapons against cancer."
November 07	Infant Protection Day	Theme 2024 - Protecting Our Future.
November 08	World Radiology Day	This year, 2024 Theme is "Radiographers: Seeing the Unseen".
November 09	National Legal Services Day	Theme - "Empowering Justice: Accessible Legal Aid for All."
November 09	World Adoption Day	Theme - Giving Kids A Forever Family, One Adoption At A Time.
November 10	World Public Transport Day	Theme 2024 - Connecting Communities, Reducing Emissions.
November 10	World Immunization Day	Theme: "Vaccines for All."
November 11	National Education	The theme for National

	Day	Education Day 2024 is "Learning for Lasting Peace".
November 12	World Pneumonia Day	Theme: "Every Breath Counts: Stop Pneumonia in Its Track".
November 13	World Kindness Day	The theme for World Kindness Day 2024 is "The Importance of Kindness in Child Development".
November 14	World Diabetes Day	Theme 2024 - Breaking Barriers, Bridging Gaps.
November 14	Children's Day	Theme is "For Every Child, Every Right."
November 15	Tribal Pride Day	This day marks the birth anniversary of Birsa Munda, a brave tribal leader and freedom fighter.
November 16	National Press Day	The theme for National Press Day 2024 is "Changing Nature of the Press."
November 16	International Day For Tolerance	The theme for the 2024 International Day for Tolerance is "Promoting Respect and Understanding Worldwide".
November 16	World Philosophy Day	The theme for World Philosophy Day 2024 was "Philosophy for an inclusive and sustainable future."
November 17	National Epilepsy Day	Theme 2024 - Milestones on My Epilepsy Journey.
November 18	World Day For The Prevention Of And Healing From Child Sexual Exploitation, Abuse And Violence	In 2024, the theme for this day is "Emerging technologies: threats and opportunities for the protection of children from sexual exploitation and sexual abuse."

November 19	International Men's Day	The theme for International Men's Day in 2024 is "Positive Male Role Models."
November 19	National Integration Day	National Integration Day, observed every year on November 19, marks the birth anniversary of Indira Gandhi, the first woman Prime Minister of India.
November 19	World Toilet Day	The theme of World Toilet Day 2024 is "Toilets - A Place for Peace."
November 20	World Children's Day	The theme for World Children's Day 2024 is "Listen to the Future."
November 21	World Television Day	The Theme for World Television Day 2024 is "Accessibility."
November 21	World Fisheries Day	Theme is India's Blue Transformation: Strengthening Small-Scale and Sustainable Fisheries.
November 21	World Philosophy Day	Theme - 'Philosophy for an Inclusive and Sustainable Future' and 'bridging social gaps'.
November 25	International Day For The Elimination Of Violence Against Women	Theme - "Every 11 Minutes, one woman is killed and "UNITE to End Violence against Women."
November 26	Constitution Day	Every year on 26 November, Constitution Day or Samvidhan Divas is celebrated in India.
November 26	National Milk Day	This year's National Milk Day,

		themed "Transforming Dairying with AI and IT."
November 26	World Sustainable Transport Day	The theme for World Sustainable Transport Day 2024 is "Together, We Can Drive Meaningful Change for a Healthier Planet and a Brighter Future".
November 29	International Jaguar Day	International Jaguar Day was established in 2018 as part of a global effort to conserve the species.
November 30	Day Of Remembrance For All Victims Of Chemical Warfare	This day, designated by the United Nations, serves as a poignant reminder of the devastating toll of chemical warfare on both troops and civilians.

COMBINED TECHNICAL SERVICES EXAMINATION IN NON-INTERVIEW POSTS - 2024

UNIT – II - CURRENT EVENTS

Latest inventions in Science and Technology

1. Pick out the incorrect statement
 - a. Quantum dots have different colours depending on their size
 - b. Nobel prize in Chemistry 2023 was awarded for the discovery of Quantum dots.
 - c. Quantum dots illuminate computer monitor
 - d. Nobel prize in Chemistry 2023 was shared by two scientist**
 - e. Answer not known

தவறான கூற்றை தேர்வு செய்யவும்.

 - a. குவாண்டம் புள்ளிகள் அவற்றின் அளவைப் பொருத்து வெவ்வேறு வண்ணங்களைக் கொண்டுள்ளன.
 - b. குவாண்டம் புள்ளிகளைக் கண்டுபிடித்ததற்காக வேதியியலுக்கான நோபல் பரிசு 2023 வழங்கப்பட்டது.
 - c. குவாண்டம் புள்ளிகள் கணினி மானிட்டரை ஒளிரச் செய்கின்றன.
 - d. 2023 ஆம் ஆண்டுக்கான வேதியியலுக்கான நோபல் பரிசு இரண்டு விஞ்ஞானிகளால் பகிர்ந்து கொள்ளப்பட்டது.
 - e. விடை தெரியவில்லை

Eminent personalities and places in news

2. Among the following the project director of the Chandrayan-3 mission
 - a. Mayilsamy Annathurai
 - b. K. Sivan
 - c. S. Somnath
 - d. P. Veeramuthuvel**
 - e. Answer not known

கீழ்க்காண்பவர்களில் சந்திராயன்-3 திட்டப் பணியின் திட்ட இயக்குநர் _____ ஆவார்.

 - a. மயில்சாமி அண்ணாதுரை
 - b. K. சிவன்
 - c. S. சோமநாத்
 - d. P. வீரமுத்துவேல்
 - e. விடை தெரியவில்லை

Latest diary of events

3. Match correctly the world/national environmental important dates used to commemorate and spread awareness

- | | |
|--------------------------------------|---------------|
| A. World Environment Day | 1. April 22 |
| B. Earth Day | 2. December 2 |
| C. World Water Day | 3. June 5 |
| D. National Pollution Prevention Day | 4. March 22 |

- | | A | B | C | D |
|----|---|---|---|---|
| a. | 3 | 1 | 4 | 2 |
| b. | 2 | 3 | 1 | 4 |
| c. | 1 | 4 | 2 | 3 |
| d. | 3 | 4 | 1 | 2 |

e. Answer not known

நினைவூட்டுவதற்கும் விழிப்புணர்வை பரப்புவதற்கும் பயன்படுத்தப்படும் உலக/தேசிய சுற்றுச்சூழல் முக்கியமான தேதிகளை சரியாகப் பொருத்தவும் :

- | | |
|----------------------------|---------------|
| A. உலக சுற்றுச்சூழல் தினம் | 1. ஏப்ரல் 22 |
| B. பூமி தினம் | 2. டிசம்பர் 2 |
| C. உலக தண்ணீர் தினம் | 3. ஜூன் 5 |
| D. தேசிய மாசு தடுப்பு நாள் | 4. மார்ச் 22 |

- | | A | B | C | D |
|----|---|---|---|---|
| a. | 3 | 1 | 4 | 2 |
| b. | 2 | 3 | 1 | 4 |
| c. | 1 | 4 | 2 | 3 |
| d. | 3 | 4 | 1 | 2 |

e. விடை தெரியவில்லை

Welfare oriented Government schemes and their utility

4. The Prime Minister Shri Narendra Modi Slogan, "Lab to Land" saying that farmers should

1. Produce organic food
2. Enhance the production
3. Use High yielding varieties
4. Feed the country

- | | | |
|-----------------|---------------------|-----------------|
| a. 1 and 2 only | b. 1 and 3 only | c. 2 and 3 only |
| d. 2 and 4 only | e. Answer not known | |

விவசாயிகளுக்கு பிரதம மந்திரி விடுத்த “ஆய்வகத்திலிருந்து நிலத்திற்கு” என்ற முழக்கம் இதனை மேம்படுத்த

1. இயற்கை உரமிட்ட உணவு மேம்படுத்த
2. வேளாண் உற்பத்தியை மேம்படுத்த
3. அதிக மகசூல் தரும் பயிர்களை மேம்படுத்த
4. நாட்டிற்கே உணவு தர

- a. 1 மற்றும் 2 மட்டும் b. 1 மற்றும் 3 மட்டும் c. 2 மற்றும் 3 மட்டும்
d. 2 மற்றும் 4 மட்டும் e. விடை தெரியவில்லை

5. The Service App for Health is

- a. ePathshala b. Amrut c. Aarogya setu
d. Samagra Shiksha e. Answer not known

உடல்நல மேம்பாடு தொடர்பான செயலி எது?

- a. eபத்சாலா b. அம்ருத் c. ஆரோக்கிய சேது
d. சமக்ர சிக்ஷா e. விடை தெரியவில்லை

Science

6. The Global Partnership on Artificial Intelligence summit took place recently in December 2023 took place in

- a. Hyderabad b. Bengaluru c. Chennai
d. New Delhi e. Answer not known

அண்மையில் டிசம்பர் 2023 இல் நடைபெற்ற செயற்கை நுண்ணறிவுக்கான உலகக் கூட்டமைப்பு மாநாடு நடைபெற்ற இடம்

- a. ஹைதராபாத் b. பெங்களூரு c. சென்னை
d. புதுடெல்லி e. விடை தெரியவில்லை

Economy

7. Green Climate Fund:

1. is a financial mechanism within the framework of UNEP?
2. is based in the new Songdo district of Incheon, South Korea.
3. in India, is managed by NABARD.

Which of the above statements is/are correct?

- a. 1 only b. 1 and 2 only c. 1 and 3 only
d. 2 and 3 only e. Answer not known

பசுமை காலநிலை நிதி :

1. என்பது பொருளாதார நுட்பமானது UNEP வரையறைக்குட்பட்டது.
2. இது Songdo மாவட்டம் Incheon, தென் கொரியாவுடன் சம்பந்தப்பட்டது.

3. இந்தியாவில் NABARD-ஆல் நிர்வகிக்கப்படுகிறது.

- a. 1 மட்டும் b. 1 மற்றும் 2 மட்டும் c. 1 மற்றும் 3 மட்டும்
d. 2 மற்றும் 3 மட்டும் e. விடை தெரியவில்லை

8. Despite the nationwide surge in COVID-19 cases, gross GST collections for the month of Jan 2022 were recorded at

- a. Rs. 1,40,986 Crore b. Rs. 1,42,986 Crore c. Rs. 1,50,972 Crore
d. Rs. 1,60,962 Crore e. Answer not known

நாடு முழுவதும் கோவிட் 19 பாதிப்புக்கள் அதிகரித்த போதிலும், 2022 ஜனவரி மாதத்திற்கான மொத்த GST வசூல்

- a. ரூபாய் 1,40,986 கோடி b. ரூபாய் 1,42,986 கோடி c. ரூபாய் 1,50,972 கோடி
d. ரூபாய் 1,60,962 கோடி e. விடை தெரியவில்லை

9. Which country has become the first European country to accept Unified Payment Interface (UPI) system?

- a. Germany b. Italy c. France d. Spain e. Answer not known

யூனிஃபைட் பேமெண்ட் இன்டர்ஃபேஸ் (யுபிஐ) அமைப்பின் கட்டண முறையை ஏற்றுக்கொண்ட முதல் ஐரோப்பிய நாடு எது?

- a. ஜெர்மனி b. இத்தாலி c. பிரான்ஸ் d. ஸ்பெயின் e. விடை தெரியவில்லை

10. Read the following sentences and choose the correct answer.

(i) India's G20 presidency is themed on "One Earth, One Family, One Future"

(ii) The theme reflects the constitutional values of Preamble of the Constitution

(iii) The G20 countries not focusing on the impact of Covid-19 pandemic

(iv) India's presidency is to make efforts to reform bilateralism

- a. (ii) and (iv) only correct b. (i) and (ii) only correct

- c. (iii) and (iv) only correct d. (i) only correct

e. Answer not known

கீழ்க்கண்ட வாக்கியத்தை வாசிக்க, சரியான விடையை தேர்ந்தெடுக்க.

(i) இந்தியாவின் G20 தலைமையானது "ஒரே பூமி, ஒரே குடும்பம், ஒரே எதிர்காலம்" எனும் கருத்தால் அமைக்கப்பட்டிருக்கிறது.

(ii) இந்த கருத்தானது இந்திய அரசியலமைப்பு முன்னுரையின் விழுமியங்களை பிரதிபலிக்கின்றது.

(iii) G20 நாடுகள் கோவிட்-19-ன் தாக்கத்தின் மீது கவனம் செலுத்தவில்லை

(iv) இந்தியாவின் தலைமையானது இருதரப்பு முறையினை சீர்திருத்துவதாகும்

- a. (ii) மற்றும் (iv) மட்டும் சரியானது
- c. (iii) மற்றும் (iv) மட்டும் சரியானது
- e. விடை தெரியவில்லை

- b. (i) மற்றும் (ii) மட்டும் சரியானது
- d. (i) மட்டும் சரியானது

