1. **Lokpal:** Recently, the Supreme Court took suo motu cognisance in the matter of Lokpal order that declared High Court judges as 'public servants' under the Lokpal and Lokayuktas Act, 2013, stayed the Lokpal order, calling its interpretation "very disturbing".
   - **About Lokpal of India**: Established under Section 3 of the Lokpal and Lokayuktas Act, 2013, the law creates the institution of Lokpal at the Centre and Lokayuktas at the State level to inquire into allegations of corruption against public functionaries.
   - **Powers of Lokpal:** Search & seizure → Powers under Civil Procedure Code for inquiry & investigation → Attachment of assets & other anti-corruption measures → Supervision & direction over **CBI & other agencies** for referred cases.
   - **Jurisdiction of Lokpal:** Covers allegations of corruption against- Prime Minister (former & current) (with restrictions) → Union Ministers & Members of Parliament → Union Government officials (Groups A, B, C, D) → Chairpersons, members, officers, directors of Boards, corporations, societies, trusts, autonomous bodies established by **Parliament** or **partly/fully funded** by Union/State Government.
   - **Appointment:** Chairperson and members to be **appointed by President** on the recommendations of a **selection committee** consisting of Prime Minister (Chairperson), Speaker of Lok Sabha, Leader of Opposition in Lok Sabha, Chief Justice of India (or his/her nominee) and one eminent jurist.
2. **WAVES 2025:** More than 150 developers from five continents and over 650 Indian aspirants are participating in a handheld video game design challenge under the WAVES 2025 initiative, recently announced by the Information and Broadcasting Ministry.
   - **About World Audio Visual Entertainment Summit (WAVES):** It is the first-ever global summit covering the entire Media and Entertainment (M&E) industry.
     - It will bring together industry leaders, stakeholders, and innovators to discuss prospects, challenges, trade promotion, and future trends.
     - The summit will showcase India's advancements in animation, gaming, entertainment technology, and both regional & mainstream cinema.
   - **About WAVES India:** Establish India as a global leader in Media & Entertainment, setting new standards in creativity, innovation, and influence.

- **Mission:** Empower global M&E leaders by providing exclusive investment opportunities through WAVES.
- **Objectives:** Position WAVES as a platform for ideas, discussions, knowledge exchange, and global collaborations in the M&E industry.
  - Drive India's Creative Economy by fostering Intellectual Property (IP) Creation for both domestic and global markets.
  - Promote India as an attractive investment destination for the M&E sector.
  - Strengthen M&E infrastructure and industry capacity, ensuring a skilled workforce for global needs.
  - Adapt to emerging trends, technologies, and transformations in the M&E landscape.

3. **AMRSense:** A team of researchers has developed AMRSense, an AI-driven tool that utilizes hospital-generated routine data to provide early and accurate insights on antimicrobial resistance (AMR) at global, national, and hospital levels.
   - **About AMRSense:** Developed by IIIT-Delhi, in collaboration with CHRI-PATH, Tata 1mg, and ICMR.
     - Uses AI-powered data integration & predictive analytics to track real-time antibiotic resistance patterns.
     - Analyzed six years of data from 21 tertiary care centers (ICMR-AMR surveillance network).
   - **Key Insights:** Identifies shared antibiotic resistance mechanisms using cost-effective hospital data instead of expensive genomics.
     - Enhances AI-driven antimicrobial stewardship & surveillance at hospital and public health levels, and Utilizes culture sensitivity test data (blood, sputum, urine, pus, etc.) for AI-based modeling.
4. **Article 101(4):** Khadoor Sahib MP moved the Punjab and Haryana High Court seeking permission to attend the ongoing Parliament session to avoid losing his seat due to prolonged absence.
   - He detained under the National Security Act (NSA) since April 2023, won the 2024 Lok Sabha election from prison but has an attendance of only 2% (PRS Legislative Research data).
   - **About Article 101(4):** States that if an MP is **absent for 60 days** from all **House meetings without permission**, the House **may declare the seat vacant**.

- The 60-day period excludes times when Parliament is prorogued or adjourned for more than four consecutive days.
- Absence is calculated based on actual sittings of Parliament.

- **MPs Can Seek Leave:** Article 101(4) allows MPs to seek permission from the 'Committee on Absence of Members from the Sittings of the House'.

5. Microsoft's Majorana 1: Microsoft has introduced Majorana 1, a quantum chip using topological qubits for greater stability and scalability.

- **About:** A processor built using a **novel topological core architecture**. This breakthrough could significantly change the landscape of computing, offering a stable and scalable approach to **quantum computing** that aims to solve complex industrial and scientific problems.
  - Unlike traditional quantum chips, Majorana 1 introduces topological qubits, which are inherently more robust against errors.
  - With this new chip, Microsoft aims **to reduce error correction requirements,** making quantum computing more practical and scalable.
- According to Microsoft, the **topological approach** allows qubits to maintain their states more efficiently, which is essential for performing large-scale quantum computations.
  - If successful, this could lead to quantum computers that are reliable and capable of solving real-world problems in ways classical computers cannot.

6. Technology Adoption Fund (TAF): Indian National Space Promotion and Authorization Centre (IN- SPACE) launched the TAF.

- IN-SPACe is a single-window, independent, nodal and autonomous agency under Department of Space (DOS) to facilitate private sector participation in space.
- **About TAF:** Funding scheme to promote innovation and drive the commercialization of cutting-edge technologies in the space sector.
- **Total funding:** ₹500Cr.
- **Eligibility:** Non-Government Entity (NGE) in India.
- **Funding scheme:** Financial support of up to 60% of the project cost for startups and MSMEs, and 40% for larger industries, with a maximum funding cap of Rs 25 crore per project.

7. **DyeChem World Bharat Tex 2025:** The Union Minister of Textiles has recently inaugurated Garment Technology, Dyes & Chemicals, and Handicraft events at the India Expo Centre & Mart, Greater Noida, UP.
   - The event is being held under the **umbrella of Bharat Tex 2025**.
     - Bharat Tex is a global textile event that showcases India's textile industry.
   - **About DyeChem World Bharat Tex 2025:**
     - **Focus Area:** Sustainable dyes, chemicals, and innovative raw materials, supporting the textile industry's shift towards eco-friendly manufacturing.
     - **Sustainability Emphasis:** Showcased how raw material suppliers are adopting advanced technology to reduce environmental impact while ensuring product quality.
     - **Objective:** It aims to bring together manufacturers, designers, and industry professionals to explore the latest advancements in textile production and chemical solutions.
8. **Times of India Sports Awards (TOISA):** The seventh edition of the Times of India Sports Awards (TOISA) 2024 is set to honour India's premier sports teams for their outstanding international performances in 2024.
   - The awards ceremony will held in Lucknow.
   - **About Times of India Sports Awards (TOISA):** Established in 2015, TOISA is an annual event by The Times of India that celebrates excellence in Indian sports, honouring athletes, teams, and coaches across various disciplines.
   - **Aim:** To celebrate achievements and create a legacy that inspires future generations.
   - **Objective:** To celebration of India’s sports journey, uniting athletes, legends, and leaders to inspire future talent.
   - **TOISA 2024 Highlights:**
   - **Theme:** #MoreSweatMoreGlory, emphasizing dedication and perseverance in sports.
   - **Team of the Year Nominees:**
     - Men's Cricket Team: Suryakumar Yadav & Hardik Pandya.
     - Men's Hockey Team: Secured a bronze medal at the Paris 2024 Olympics, marking their second consecutive Olympic bronze.

- Shooting Team: Manu Bhaker and Sarabjot Singh won a bronze medal in the 10m air pistol mixed team event at the Paris 2024 Olympics.

- **Coach of the Year Nominees:**
  - Rahul Dravid (Cricket): Led India to the T20 World Cup title in 2024.
  - Jaspal Rana (Shooting): Coached Manu Bhaker to two bronze medals at the Paris Olympics.
  - Deepali Deshpande (Shooting): Guided Swapnil Kusale to a bronze medal in the men's 50m rifle 3-positions event at the Paris Olympics.
  - Vimal Kumar (Badminton): Coached Lakshya Sen, who achieved a fourth-place finish at the Paris Olympics.

9. **UP Budget 2025-26:** The Uttar Pradesh government has presented its ninth budget for the financial year 2025-26 in the state assembly.
   - **Finance Minister:** Suresh Khanna unveiled a budget of ₹8.08 lakh crore (9.8% increase) from the previous year.
   - The budget emphasizes **infrastructure, education, health, social security, & economic growth**.
   - **Key Highlights of the Budget:**
     - Capital Expenditure: 20.5% share (focus on infra, industry, mobility, investment)
     - Fiscal Health Index: Improved from 37.0 (2014-19) to 45.9 (2022-23)
     - Capital Expenditure Growth: 19.3% (last 5 years) (higher than national avg.)
     - Economic Target: $1 trillion economy via sectoral action plans
   - **Infrastructure Budget:** 22% of total allocation (4 new expressways announced)
   - **Education Budget:** 13% of total budget
     - Women's Hostels: In 7 cities: Varanasi, Meerut, Prayagraj, Gorakhpur, Kanpur, Jhansi, Agra.
     - Atal Residential Schools: Capacity expansion from 360 to 1,000 students/school
     - Science Infra: Science parks, observatories (Agra, Varanasi)
   - **Health Budget:** 6% of total budget, CM Bal Seva Yojana (COVID orphaned children) & CM Sashakt Suposhan Yojana.