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FDI Inflows into India Cross \$1 Trillion Milestone

GS Paper 3 - Indian Economy

Context: Foreign Direct Investment (FDI) refers to investments made by **foreign** entities—either individuals or companies—in the business interests of another country. This typically involves acquiring ownership or controlling stakes in enterprises within that country.



Prohibited Sectors for FDI in India:

FDI is not allowed in the following sectors:

- Lottery, gambling, and betting.
- Chit funds and Nidhi companies.
- **Real estate business** (excluding infrastructure).
- **Tobacco-based products**, including cigars and cigarettes.

Routes for FDI in India:

1. Automatic Route:

- Investments under this route do not require prior approval.
- Investors need to inform the **Reserve Bank of India (RBI)** post-investment.
- Common sectors: **Manufacturing, software,** and other non-sensitive industries.

2. Government Approval Route:

- Requires prior approval from the **concerned Min**istry or **Department**.
- Relevant sectors: **Telecom**, **media**, **pharmaceuticals**, and **insurance**.

Key Trends in FDI Inflows:

Cumulative Achievements (2000–2024):

- **Total Inflows:** Surpassed \$1 trillion during April 2000–September 2024.
- Since 2014: India has attracted \$667.4 billion, a 119% increase compared to the 2004–2014 decade.
- Source Countries:
 - Mauritius: 25% of inflows.
 - Singapore: 24%.
 - United States: 10%.
 - Netherlands: 7%.
 - Others: Japan (6%), UK (5%), UAE (3%), and Germany, Cyprus, and Cayman Islands (2%) each).
- **Top Sectors:**
 - Services, computer software and hardware, telecommunications, trading, construction development, automobiles, chemicals, and pharmaceuticals.

Why is FDI Important for India?

- 1. Infrastructure Development: FDI provides the much-needed capital to boost infrastructure **projects** critical for **economic growth**.
- 2. Balancing Current Account Deficit: Inflows help bridge gaps in Balance of Payments (BoP) by bringing in foreign capital.
- 3. Currency Stability: Healthy FDI inflows support the Indian rupee's stability in global markets.
- 4. Technology Transfer & Job Creation: FDI enables the transfer of modern technologies and creates **employment opportunities** across industries.

Challenges in Attracting FDI:

- 1. Geopolitical Uncertainty: Global tensions, including trade wars and conflicts, disrupt supply chains and impact investor confidence.
- 2. Regulatory Complexities: India's approval processes and varying sectoral caps can deter potential investors.

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- 3. Global Economic Volatility: Recession risks, high inflation, and economic uncertainties globally affect capital flows.
- 4. Infrastructure Bottlenecks: Delays in project execution and inadequate infrastructure pose significant challenges.

Steps Taken by the Indian Government:

- 1. Liberalized FDI Policies:
 - **Defense:** Increased limit to **74%**.
 - **Insurance:** Raised to **74%**.
 - **Single-brand retail:** Allowed up to **100%**.
- 2. Production-Linked Incentive (PLI) Schemes:
 - Sectors: **Electronics**, **pharma**, **textiles**, **automobiles**, and more.
 - Encourages foreign companies to set up **manufacturing units** in India.
- 3. Infrastructure Development Initiatives: Gati Shakti, Bharatmala, and Sagarmala focus on improving transport and connectivity.
- 4. Digital Ecosystem Promotion: E-governance, digital payments, and technology-driven reforms aim to ease doing business.

The Way Forward:

- 1. Prioritize Infrastructure Spending: Ensure timely completion of infrastructure projects through public-private partnerships (PPPs).
- 2. Workforce Skilling: Collaborate with the private sector to upskill workers and meet industry demands.
- 3. Foster Research and Innovation: Encourage R&D to boost productivity and innovation in key
- **4. Simplify Regulations:** Streamline **approval processes** to make India a more attractive investment destination.

Conclusion:

India crossing the \$1 trillion FDI inflow milestone is a testament to its growing global appeal. With continued reforms, a focus on infrastructure, and workforce skilling, India is poised to remain a preferred investment hub in the years to come.









Railways (Amendment) Bill, 2024: A Move Towards Modernization

Context: The Railways (Amendment) Bill, 2024 was introduced in the Lok **Sabha** by the Union Minister of Railways, marking a major step toward **reforming** Indian Railways. The Bill aims to enhance the autonomy, efficiency, and **governance** of the rail network while addressing key operational challenges.



GS Paper 3 - Infrastructure; Railways

- **Key Objectives of the Bill:**
 - 1. Statutory Backing to the Railway Board: The Bill amends the Railways Act, 1989, granting legal status to the **Railway Board**, which has been functioning without statutory backing since its inception.
 - 2. Decentralization of Powers: It empowers railway zones to independently manage their budgets. **infrastructure development, and recruitment** processes, promoting faster decision-making.
 - 3. Independent Regulator: The Bill proposes establishing an autonomous regulatory body to oversee tariffs, ensure safety standards, and encourage private sector participation.
 - 4. Simplified Legal Framework: The Indian Railway Board Act, 1905, will be merged with the **Railways Act, 1989**, simplifying the legal landscape.

Proposed Reforms and Structural Changes:

- 1. Independent Regulator:
 - **Role:** Regulate tariffs, infrastructure access, and service standards.
 - Origin: Based on the recommendations of the 2015 Committee on Restructuring Railways.
- 2. Greater Autonomy to Railway Zones:
 - Empowers zones to take operational and financial decisions independently.
 - Supported by the **Sreedharan Committee** (2014), emphasizing decentralized management.
- 3. Railway Board Appointments: The government will define the structure, qualifications, and **appointment processes** for Board members and the Chairman.
- 4. Infrastructure Upgrades:
 - Introduces **Section 24A** to fast-track superfast train operations and infrastructure improvements.
 - Example: The extension of the Arunachal Express via the Siwan-Thawe-Kaptanganj-**Gorakhpur route** will boost connectivity in Bihar, with an estimated upgrade cost of **300 crore** and recurring expenses of **250 crore annually**.

Potential Benefits:

- 1. Improved Governance: Streamlined legal frameworks and a clarified role for the Railway Board can enhance accountability and governance.
- 2. Enhanced Efficiency: Decentralization allows zones to implement projects faster, utilize resources better, and improve service delivery.
- 3. Increased Investment: An independent regulator creates a level playing field for private investors, fostering infrastructure development.
- 4. Regional Development: Infrastructure projects like the Arunachal Express extension demonstrate the potential for **targeted development** and enhanced connectivity in underserved regions.

Concerns and the Way Forward:

- **1. Fear of Privatization:** The opposition has raised concerns about potential **privatization**. While private participation can bring **investment and expertise**, it is critical to safeguard **public interests** and ensure accessibility for all.
- 2. Balancing Autonomy and Oversight:
 - Striking a balance between **autonomous railway zones** and **effective oversight** is essential.
 - Transparent and merit-based appointments to the Railway Board will ensure **independence** and integrity.
- 3. Passenger Welfare: Special attention must be given to passenger concessions and affordable **fares** for vulnerable sections to uphold the railways' **social responsibility**.

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Conclusion

The Railways (Amendment) Bill, 2024, presents a bold vision for the modernization and decentralization of Indian Railways. While the reforms hold immense potential for efficiency, investment, and regional growth, addressing concerns over privatization and ensuring passenger welfare will be key to its successful implementation. The Bill is a significant stride toward creating a more efficient, inclusive, and future-ready railway system for India.









3

India's Geospatial Market Set to Hit 25,000 Crore by 2025

Context: The **India Geospatial Market Outlook 2024** reveals that the country's **geospatial market** is projected to grow at a robust **CAGR of 16.5%**, reaching **25,000 crore** by 2025. Between 2019 and 2024, over **\$1 billion** has been invested across **126 companies**, highlighting the sector's immense potential.



GS Paper 3- Economy, Science and Technology

Understanding Geospatial Technology:

Geospatial Technology refers to tools and techniques like:

- Location-based analytics
- Real-time data mapping
- Hyperspectral imaging
- Drone-based surveys

These technologies provide critical insights for diverse sectors, including **urban planning**, **agriculture**, **infrastructure**, **and climate studies**.

Key Applications of Geospatial Technology:

- 1. Agriculture: Precision farming: Utilizes drones and satellite imagery to enhance crop yields and optimize resource use.
- **2. Disaster Management:** Enables **early warnings** for natural disasters such as floods and droughts, improving preparedness and response.
- **3. Urban Development:** Facilitates efficient traffic management, waste collection, and public service delivery in **smart cities**.
- **4. Environmental Monitoring:** Tracks defore<mark>station, water quality, and pollution, contributing to climate action goals.</mark>
- 5. Defence and Security: Assists in border surveillance, strategic mapping, and operational planning for enhanced security.

Government Initiatives Driving Growth:

- 1. PM Gati Shakti: Promotes infrastructure development through real-time geospatial mapping.
- **2.** National Geospatial Policy 2022: Aims to democratize geospatial data and foster public-private collaboration.
- 3. Smart Cities Mission: Uses location-based analytics for better urban planning and management.

Technological Advancements:

- 1. Hyperspectral Imaging:
 - Captures hundreds of light wavelengths for applications like:
 - Early detection of crop diseases and soil nutrient levels.
 - Monitoring water pollution and detecting methane leaks.
- 2. Drone Technology: Companies such as ideaForge are leading advancements in real-time, high-resolution mapping, offering centimeter-level accuracy for sectors like defense, mining, and agriculture.

Challenges in the Sector:

- 1. Data Security: The sensitive nature of geospatial data poses national security risks.
- 2. Limited Awareness: Many small enterprises are unaware of the potential of geospatial tools.
- **3. Infrastructure Deficit:** Developing robust geospatial infrastructure requires **significant investment**.
- **4. Skill Shortage**: There is a need for trained professionals in **data analysis and drone technology**.

Way Forward for India's Geospatial Sector:

- **1. Policy Implementation:** Focus on **data-sharing frameworks** and strengthening public-private partnerships under the **National Geospatial Policy 2022**.
- **2. Building Capacity:** Train professionals in geospatial technologies through **academic programs** and **research incentives**.









- **3. Encouraging Startups:** Support indigenous startups like **Skyroot Aerospace** and **ideaForge** to boost domestic capabilities.
- **4. Global Collaboration:** Partner with **international space agencies** and private companies to expand India's **geospatial exports**.

Conclusion:

India's geospatial market is on the brink of unprecedented growth, driven by **cutting-edge technology** and **government initiatives**. With strategic investments, capacity-building efforts, and global partnerships, the country can emerge as a **global leader in geospatial technologies**, transforming industries and fostering sustainable development.











Opposition's Move to Impeach Vice President Jagdeep Dhankhar

GS Paper 2 – Indian Polity

Context: The **INDIA bloc opposition parties** have announced plans to submit a notice for a **no-confidence or impeachment resolution** against Vice President and Rajya Sabha Chairman Jagdeep Dhankhar. While the opposition lacks the necessary numbers to ensure the resolution's success, the move is seen as a **political statement** targeting the ruling party.



Understanding the Vice President's Role in India:

About the Vice President:

- The Vice President of India holds the second-highest constitutional office, modeled on the lines of the American Vice President.
- Serves a **dual role** as the Vice President and **Ex-Officio Chairman of the Rajya Sabha**.

Eligibility (Article 66):

To qualify, a candidate must:

- Be an **Indian citizen**.
- Be at least 35 years old.
- Be qualified to be elected as a **Rajya Sabha member**.
- Not hold any **office of profit** under the Central or State Government.

Election Process:

- The electoral college comprises members of both Houses of Parliament, including elected and nominated members, using a proportional representation system via a single transferable vote.
- The **state legislatures** are not involved in the Vice President's election.

Tenure and Removal:

- The Vice President serves a **5-year term** and is eligible for **re-election**.
- Resignation must be submitted to the **President**.
- Removal requires a resolution passed by an effective majority in the Rajya Sabha and agreed upon by a **simple majority** in the Lok Sabha.

Roles, Responsibilities, and Powers:

- 1. Ex-Officio Chairman of Rajya Sabha (Article 64):
 - Presides over **Rajya Sabha sessions**, ensuring orderly conduct.
 - Votes only to break a tie.

2. Acting President (Article 65):

- Assumes the responsibilities of the **President** in case of absence, resignation, or death until a new President is elected.
- 3. Ceremonial Role: Represents the dignity and neutrality of the office without engaging in governance.

Impeachment Process (Article 67(b)):

The Vice President can be removed through:

- 1. A resolution passed by a **majority of all members** of the Rajya Sabha.
- 2. Approval of the Lok Sabha by a **simple majority**.
- 3. A **14-day notice** is required before moving the resolution.

Opposition's Allegations and Grievances:

Basis for Impeachment:

- The notice relies on Article 67(b), enabling removal of the Vice President via a parliamentary resolution.
- Allegations of **partisanship** against Vice President Dhankhar have escalated, especially after he raised concerns involving Congress MP Abhishek Manu Singhvi in a currency recovery case.







Political Concerns:

- Claims of **bias** and misuse of constitutional offices by the ruling party.
- Concerns over the **erosion of parliamentary democracy** and impartiality in Rajya Sabha proceedings.

Unprecedented Nature of the Move:

- No **Vice President or Rajya Sabha Chairman** has faced impeachment or no-confidence proceedings in India's history.
- However, a similar **no-confidence motion** was brought against **Deputy Chairman Harivansh** in 2020 during the contentious **farm bills debate**.

Historical Context: Resolutions Against Lok Sabha Speakers

Instances of resolutions targeting Lok Sabha Speakers **include**:

- 1. G. V. Mavalankar (1951)
- 2. Sardar Hukam Singh (1966)
- 3. Balram Jakhar (1987)

In all cases, the resolutions were discussed and eventually **negated by the House**.

Conclusion:

The opposition's move against Vice President Dhankhar reflects **rising political tensions** and concerns about the functioning of constitutional offices. While it lacks the numerical strength to succeed, the initiative emphasizes **symbolic dissent** in an evolving political landscape.









5

UGC's New Guidelines to Foster Lifelong Learning

GS Paper 2 - Government Policies and Interventions, Education

Context: The **University Grants Commission (UGC)** has unveiled new guidelines titled "**Recognition of Prior Learning (RPL) in Higher Education**" to bridge the gap between informal learning and formal education. These guidelines aim to **enhance accessibility**, promote **lifelong learning**, and address the needs of India's **informal workforce**.



What is Recognition of Prior Learning (RPL)?

RPL is a structured process to evaluate and acknowledge the **skills**, **knowledge**, **and experience** individuals acquire through **informal**, **non-formal**, **or experiential learning**.

• It offers **formal recognition** for prior learning, enabling individuals to gain qualifications and boost their **career prospects** and **employability**.

How RPL Aligns with NEP 2020:

The initiative is aligned with the goals of the **National Education Policy (NEP) 2020**, which emphasizes **inclusive and skill-based education**.

- Supported by the National Credit Framework (NCrF), RPL allows individuals to convert their skills into academic credits, recognizing various forms of learning—academic, vocational, or experiential.
- **UGC Chairman M. Jagadesh Kumar** highlighted its importance in fostering inclusivity and expanding access to higher education.

Key Objectives of the Guidelines:

1. Increasing Accessibility:

- **Enable learners** with informal competencies to join higher education programs.
- Offer flexible pathways for individuals from diverse professional and educational backgrounds.

2. Promoting Lifelong Learning:

- Equip individuals with up-to-date skills to thrive in evolving job markets.
- Encourage continuous learning to create an adaptable workforce.

3. Encouraging Social Equity:

- Recognize informal learning to empower marginalized and disadvantaged communities.
- Foster equity and inclusion in higher education by bridging socio-economic divides.

Benefits of RPL:

- **Boosts Economic Growth**: Builds a skilled workforce to drive **national development**.
- Advances Careers: Provides formal qualifications, improving employment opportunities.
- Bridges Knowledge Gaps: Integrates real-world experiences with formal education for better professional alignment.

Implementation Priorities:

1. Governance and Collaboration:

• **Policymakers, institutions, and employers** must work together to maintain fairness and ensure proper implementation.

2. Ensuring Quality:

• Develop systems to uphold **reliability and integrity** in assessing prior learning.

3. Inclusive Opportunities:

• Special focus on **marginalized groups**, ensuring equal access to RPL opportunities.

Impact of the Guidelines:

The RPL framework seeks to:

- Build a competent workforce ready to meet dynamic industry demands.
- Promote **career mobility**, **lifelong learning**, and **social equity** by valuing prior experience.
- Empower individuals through skill recognition, contributing to a more inclusive and resilient

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Conclusion:

The UGC's **Recognition of Prior Learning (RPL)** guidelines are a transformative step toward creating an inclusive, skill-oriented education system in India.

By recognizing diverse learning experiences and promoting lifelong education, the initiative not only addresses societal challenges but also prepares the workforce for a rapidly evolving job market, fostering a more equitable and empowered nation.









Tensions Between RBI Governors and the Indian Government: A Persistent Power Struggle

Context: As Shaktikanta Das concludes his tenure as the Governor of the Reserve Bank of India (RBI) on December 10, 2024, his leadership period has highlighted ongoing tensions between the RBI and the government. This friction—especially over **monetary policy decisions**—is not new and continues to reflect a longstanding struggle for balance between the two institutions.



Historical Conflicts: RBI Governors vs. Government:

- 1. YV Reddy (2003-2008)
 - Clashes with Finance Ministry: Disagreements with then-Finance Minister P. Chidambaram, particularly on **financial market development** and a 260,000 crore **farm loan waiver**.
 - Forex Reserves Debate: Opposed the use of India's growing foreign exchange reserves for **government lending**, ensuring **fiscal discipline** remained intact.

2. D Subbarao (2008-2013):

- Anti-Inflation Stance: Subbarao frequently resisted pressures from Finance Ministers Pranab **Mukherjee** and **Chidambaram**, who criticized his cautious approach to growth.
- FSDC Opposition: Objected to the creation of the Financial Stability and Development Council **(FSDC)**, arguing it undermined the RBI's role in ensuring financial stability.

3. Raghuram Rajan (2013-2016):

- **Defending Autonomy**: Rajan strongly advocated for the RBI's independence, resisting moves to shift money market regulation to SEBI.
- **Demonetisation Warning**: He advised against hastily implementing **demonetisation**, cautioning about its costs and the preparation required—advice that went unheeded.

4. Urjit Patel (2016-2018):

- **Surplus Dispute**: Patel stood firm against the government's demand to dip into the RBI's excess reserves.
- **Resignation Amid Pressure**: Resigned citing personal reasons after the government invoked **Section 7 of the RBI Act**, which allows it to direct the RBI on matters of public interest.

Key Issues During Shaktikanta Das' Tenure:

Policy Rate Standoff:

- The government pressured the RBI to **cut policy rates** to address economic slowdown.
- However, Das maintained the **repo rate at 6.50%** to control **inflation**, prioritizing price stability over growth.
- This decision was opposed by Finance Minister Nirmala Sitharaman and Commerce Minister Piyush Goyal, highlighting diverging priorities.

Recurring Themes in RBI-Government Conflicts:

- 1. Autonomy vs. Control: The government often pushes for accommodative monetary policies, while the RBI prioritizes **fiscal discipline** and **inflation control**.
- 2. Interest Rate Disputes: Governments seek rate cuts to spur economic growth, while the RBI exercises caution to mitigate inflationary risks.
- 3. Regulatory Jurisdiction: Conflicts over the RBI's authority on financial reforms and its handling of **surplus reserves** are recurring points of contention.
- 4. Divergent Priorities: While governments focus on short-term economic gains, the RBI aims to safeguard long-term economic stability.

Meet the 26th RBI Governor:

The **Appointments Committee of the Cabinet** has approved **Sanjay Malhotra** as the **26th RBI Governor**, effective **December 11, 2024**. Currently serving as the **Revenue Secretary**, Malhotra will lead the RBI for a term of three years.

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Conclusion:

The recurring tensions between the **RBI** and the government highlight the delicate task of maintaining the central bank's autonomy while addressing economic and fiscal imperatives. As Sanjay Malhotra steps into the role, he inherits not just a prestigious position but also the responsibility of **navigating the complex** relationship between the RBI and the government. This dynamic remains crucial in ensuring India's financial stability and economic growth.

