

4. Under road network, **5853 km of National Highways** was constructed in FY25 (April-Dec).
5. Under National Industrial Corridor Development Programme, a total of 383 plots covering **3788 acres have been allotted for industrial use** for various sectors in phase 1.
6. Operational efficiency improved reduction in average container turnaround time in major ports from **48.1 hours in FY24 to 30.4 hours during FY25** (Apr-Nov), significantly improving **port connectivity**.
7. A 15.8 per cent year-on-year increase in renewable energy capacity of solar and wind power by December 2024.
8. The share of renewable energy in India's total installed capacity now stands at 47 per cent.
9. Government's schemes like the DDUGJY and the SAUBHAGYA improved electricity access in rural areas, electrifying 18,374 villages and providing electricity to 2.9 crore households.
10. The government's digital connectivity initiatives have gained traction, particularly with the rollout of 5G services across all states and union territories by October 2024.
11. Efforts to provide 4G mobile services to remote areas under the Universal Service Obligation Fund (now Digital Bharat Nidhi) have made significant strides, with over 10,700 villages covered by December 2024.
12. Under the **Jal Jeevan Mission**, over 12 **crore families** have gained access of piped drinking water since its launch.
13. Under Phase II of the Swachh Bharat Mission-Grameen, during April to November 2024, 1.92 lakh villages were incrementally declared ODF Plus under the model category, taking the total number of **ODF Plus villages to 3.64 lakh**.
14. In urban areas, the **Pradhan Mantri Awas Yojana has completed over 89 lakh houses**.
15. City transportation network is expanding rapidly, with metro and rapid rail systems operational or under construction in 29 cities, covering over 1,000 kilometers.
16. Real Estate (Regulation & Development) Act, 2016, ensured regulation and transparency of Real Estate sector. By January 2025, **over 1.38 lakh real estate projects registered**, and 1.38 lakh complaints were resolved.
17. India currently operates 56 active space assets. The government's Space Vision 2047 includes ambitious projects like the **Gaganyaan** mission and the **Chandrayaan-4** Lunar Sample Return Mission.
18. Public sector investment alone cannot meet the requirements of infrastructure, and **private sector participation will be crucial** to bridge the gap.
19. The government has created mechanisms such as the National Infrastructure Pipeline and National Monetisation Pipeline to facilitate private sector involvement in infrastructure.

Industry: All about Business Reforms

1. **The industrial sector expected to grow by 6.2 per cent in FY-25 (first advance estimates), driven by robust growth in electricity and construction.**
2. **The government has been actively promoting Smart Manufacturing and Industry 4.0, supporting the establishment of SAMARTH Udyog centres.**
3. In **FY24, the Indian automobile domestic sales grew by 12.5 per cent.**

4. The domestic production of electronic goods has grown at a CAGR of 17.5 per cent from FY15 to FY24.
5. **99 per cent smartphones now manufactured domestically**, drastically reducing India's dependence on imports.
6. **The total annual turnover of pharmaceuticals in FY24 was ₹4.17 lakh crore**, growing at an average rate of 10.1 per cent in the last five years.
7. As per the WIPO Report 2022, **India ranks sixth among the top 10 patent filing offices globally**.
8. **Micro, Small and Medium Enterprises (MSME) sector has emerged as a highly vibrant sector of the Indian economy**.
9. To provide equity funding to MSMEs with the potential to scale up, the government **launched the Self-Reliant India Fund with a corpus of ₹50,000 crore**.
10. The government is implementing the Micro and Small Enterprises-Cluster Development Programme to develop clusters across the country.

Services -New Challenges for the Old War Horse

1. **The service sector's contribution to total GVA has risen from 50.6 per cent in FY14 to 55.3 per cent in FY25 (First Advance Estimates)**.
2. The average growth rate of the services sector was 8 per cent in the pre-pandemic years (FY13 -FY20). It stood at 8.3 per cent in the post-pandemic period (FY23–FY25).
3. **India held a 4.3 per cent share in global services exports in 2023, ranking seventh worldwide**.
4. India's services export growth surged to 12.8 per cent during April–November FY25, up from 5.7 per cent in FY24.
5. **Information and computer-related services grew at a trend rate of 12.8 per cent over the last decade (FY13–FY23), increasing their share of overall GVA from 6.3 per cent to 10.9 per cent**.
6. **Indian Railways recorded an 8 per cent growth in passenger traffic originating in FY24. Revenue-earning freight in FY24 grew by 5.2 per cent**.
7. **The tourism sector's contribution to GDP returned to its pre-pandemic level of 5 per cent in FY23**.

Chapter-9 Agriculture and Food Management: Sector of the Future

1. **The 'Agriculture and Allied Activities' sector contributes approximately 16 per cent of the country's GDP for FY24 (PE) at current prices**.
2. High-value sectors like horticulture, livestock, and fisheries have become key drivers of overall agricultural growth.
3. **Kharif foodgrain production for 2024 is expected to reach 1647.05 Lakh Metric Tonnes (LMT), an increase of 89.37 LMT from the previous year**.
4. For the fiscal year 2024-25, the MSP for Arhar and Bajra has been increased by 59 per cent and 77 per cent over the weighted average cost of production, respectively.
5. **The fisheries sector has shown the highest compound annual growth rate (CAGR) of 8.7 per cent, followed by livestock with a CAGR of 8 per cent**.

6. National Food Security Act (NFSA) 2013 and the Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY) marked a fundamental shift in the approach to food security.
7. The provision of free food grains under PMGKAY for another five years, reflects the long-term commitment of Govt towards food and nutrition security.
8. As of 31st October, over 11 crore farmers have benefitted under PM-KISAN, while 23.61 lakh farmers are enrolled under PM Kisan Mandhan.

Climate & Environment: Adaptation Matters

1. India's ambition to achieve developed nation status by 2047 is fundamentally anchored in the vision of inclusive and sustainable development.
2. India has installed electricity generation capacity of 2,13,701 megawatts from non-fossil fuel sources, which accounts for 46.8 per cent of the total capacity as of 30 November 2024.
3. As per the Forest Survey of India 2024 an additional carbon sink of 2.29 billion tonnes CO2 equivalent has been created between 2005 and 202
4. The India-led global movement, Lifestyle for Environment (LiFE), aims to enhance the country's sustainability efforts.
5. By 2030, it is estimated that LiFE measures could save consumers around USD 440 billion globally through reduced consumption and lower prices.

Social Sector -Extending reach and driving empowerment

1. The social services expenditure of the government (combined for Centre and States) increased at a compound annual growth rate of 15 per cent from FY21 to FY 25.
2. Gini coefficient, a measure of inequality in consumption expenditure, is declining. For rural areas it declined to 0.237 in 2023-24 from 0.266 in 2022-23, and for urban areas, it fell to 0.284 in 2023-24 from 0.314 in 2022-23.
3. Various fiscal policies of the government are aiding in reshaping the income distribution.
4. Government health expenditure increases from 29.0 per cent to 48.0 per cent; share of out-of-pocket expenditure in total health expenditure declines from 62.6 per cent to 39.4 per cent, reducing financial hardship endured by households.
5. The Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY) has played a decisive role in the significant reductions in expenditure with over ₹1.25 lakh crore in savings being recorded.
6. The strategy of —Localisation of Sustainable Development Goals (SDGs) has been adopted to ensure that budgets at the Gram Panchayat levels align with the SDG objectives.

Employment and Skill Development: Existential priorities

1. Indian labour market indicators have improved with unemployment rate declining to 3.2 per cent in 2023-24 (July-June) from 6.0 per cent in 2017-18 (July-June).

2. With around 26 per cent of the population in the age group of 10-24 years, India stands at the cusp of a unique demographic opportunity, as one of the youngest nations globally.
3. To give a fillip to women's entrepreneurship, the government has launched several initiatives in terms of easier access to credit, marketing support, skill development, and support to women start-ups, etc.
4. The growing digital economy and renewable energy sectors are providing enhanced opportunities for job creation, essential for achieving the Viksit Bharat's vision.
5. The government is establishing a resilient and responsive skilled ecosystem to keep pace with emerging global trends such as automation, generative AI, digitalisation, and the effects of climate change.
6. The Government has implemented measures to boost employment, foster self-employment, and promote worker welfare.
7. The recently launched PM-Internship Scheme is emerging as a transformative catalyst for employment generation.
8. The net payroll additions under EPFO have more than doubled in the past six years, signalling healthy growth in formal employment.

Labour in the AI Era: Crisis or Catalyst?

1. Developers of Artificial Intelligence (AI) promise to usher in a new age, where a bulk of the economically valuable work is automated.
2. AI is anticipated to surpass human performance in critical decision-making across various fields, including healthcare, research, criminal justice, education, business, and financial services.
3. Barriers to large-scale AI adoption persist in the present, which include concerns over reliability, resource inefficiencies, and infrastructure deficits. These challenges, along with AI's experimental nature, create a window for policymakers to act.
4. Fortunately, due to AI presently being in its infancy, India is afforded the time necessary to strengthen its foundations and mobilise a nation-wide institutional response.
5. Leveraging its young, dynamic, and tech-savvy population, India has the potential to create a workforce that can utilise AI to augment their work and productivity.
6. The future revolves around 'Augmented Intelligence', where the workforce integrates both human and machine capabilities. This approach aims to enhance human potential and improve overall efficiency in job performance, ultimately benefiting society as a whole.
7. Collaborative effort between government, private sector, and academia essential to minimise adverse societal effects of AI-driven transformation.

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