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CRASH COURSE CLASS SCHEDULE

THE 10 DAYS CRASH COURSE			
THEORY SECTION (8th to 12th JUNE)		**CASE STUDY SECTION (15th to 19th JUNE)**	
DAY 1	Chapter: All Normative theories and their applications with PYQs	DAY 1	Society, social justice, women, gender, LGBT, Shelter homes, child labour, tribal issues, workplace harassment, work culture
DAY 2	Chapter: Attitude and EI with PYQs	DAY 2	Environment, ecology, corporate governance, CSR, Development-environment conflict, projects and ethical governance and leadership
DAY 3	Chapter: Values in civil services with PYQs	DAY 3	Civil services, integrity, probity, neutrality, impartiality, social media conduct, corruption, protection of honest officers, whistleblowing
DAY 4	Chapter: Probity in Governance with PYQs	DAY 4	Accountability, transparency, AI and technology, ethical dilemmas, ethical issues, security
DAY 5	Chapter: Leaders and philosophers and terminologies with PYQs	DAY 5	IR, Geopolitical, health, education, elections & SIR, Politics, minister-civil servant relations, consumer protection, advertisement, wildlife-animal protection & ethical issues and urban governance
Class Structure: • Discussion and explanation of concepts/terms • Examples and philosophical application • Linking with structure of answer		**Class Structure:** 1. Theme-wise answer structure: Introduction, body and conclusion 2. Discussion on theme-wise recent case studies 3. A diverse and wide range of coverage of typology of case studies questions including since 2013	

THE 5 DAYS WRITING PRACTICE (Integrated with EthicSure)

FROM 22ND JUNE TO 26TH JUNE (EACH DAY 5 THEORY + 2 CASE STUDIES)	
DAY	**THEMES**
DAY 1	Society, social justice, women, gender, LGBT, Shelter homes, child labour, tribal issues, workplace harassment, work culture
DAY 2	Environment, ecology, corporate governance, CSR, Development-environment conflict, projects and ethical governance and leadership
DAY 3	Civil services, integrity, probity, neutrality, impartiality, social media conduct, corruption, protection of honest officers, whistleblowing
DAY 4	Accountability, transparency, AI and technology, ethical dilemmas, ethical issues, security
DAY 5	IR, Geopolitical, health, education, elections & SIR, Politics, minister-civil servant relations, consumer protection, advertisement, wildlife-animal protection & ethical issues and urban governance
Test Time: 5:00 PM to 6:15 PM	**Discussion Time: 6:15 PM to 7:30 PM**

COMPILATION PIB NOTES OCTOBER

PIB NOTES – 1ST & 2ND OCTOBER 2025

TOPIC 1: MISSION FOR AATMANIRBHARTA IN PULSES (2025-26 TO 2030-31)

GS PAPER 2: GOVERNANCE | GS PAPER 3: AGRICULTURE, FOOD SECURITY, ECONOMY

Context: The Union Cabinet, chaired by Prime Minister **Shri Narendra Modi**, approved the **Mission for Aatmanirbharta in Pulses** to achieve self-sufficiency in pulses over a six-year period (2025-26 to 2030-31) with a total outlay of **Rs. 11,440 crore**.

Key Highlights:

- **Production Targets:** Increase pulse production to **350 lakh tonnes** by 2030-31; expand area under pulses to **310 lakh hectares**; achieve yield of **1,130 kg/ha**.
- **Seed Systems & Research:**
  - Development of **high-yield, pest-resistant, climate-resilient varieties**.
  - **126 lakh quintals** of certified seeds to be distributed, covering **370 lakh hectares**.
  - Five-year rolling seed production plans supervised by **ICAR**; traceability through **SATHI portal**.
- **Area Expansion & Crop Diversification:**
  - Expand pulse cultivation by **35 lakh hectares** via rice-fallow and other diversifiable lands.
  - Promote **intercropping and crop diversification**.
  - Distribution of **88 lakh free seed kits** to farmers.
- **Capacity Building:** Structured training for farmers and seed growers on modern techniques and sustainable practices.
- **Post-Harvest Infrastructure & Value Addition:**
  - Establish **1,000 processing and packaging units** to reduce crop losses and improve value addition.
  - Maximum subsidy of **Rs. 25 lakh** for processing unit setup.
- **Market Assurance & Price Support:**
  - **100% procurement** of Tur, Urad, and Masoor under **PM-AASHA Price Support Scheme** for four years via **NAFED and NCCF**.
  - Mechanism to monitor global pulse prices to safeguard farmer interests.
- **Cluster-Based Approach:** Tailored interventions for specific regions to optimize resources and enhance productivity.

Strategic Significance:

- Enhances **self-reliance (Aatmanirbharta)** in pulses, reducing import dependency.
- Boosts **farmer incomes** and strengthens rural livelihoods.
- Promotes **climate-resilient and sustainable agricultural practices**.
- Supports **value chain development** and post-harvest efficiency.
- Aligns with **Atmanirbhar Bharat** vision by leveraging domestic production capabilities and minimizing foreign exchange outflows.

TOPIC 2: INDIA–EFTA TRADE AND ECONOMIC PARTNERSHIP AGREEMENT (TEPA) COMES INTO FORCE

GS PAPER 2: INTERNATIONAL RELATIONS | GS PAPER 3: ECONOMY, TRADE & INVESTMENT

Context: The **India–EFTA TEPA** entered into force during the **Prosperity Summit in New Delhi**, marking a historic milestone in India–Europe economic engagement. The agreement, covering **Switzerland, Norway, Iceland, and Liechtenstein**, includes a **USD 100 billion investment objective over 15 years** and aims to generate **one million direct jobs** in India while providing broader market access for goods and services.

Key Highlights:

- **Investment & Employment:** Commitment of **USD 100 billion** investment and creation of **one million direct jobs** in India over 15 years.
- **Trade & Market Access:**
  - Wider access for goods and services across **EFTA countries**.
  - Tariff advantages and premium-market positioning for **Indian farmers, MSMEs, and agri-marine exporters**.
- **Sectoral Opportunities:** Opens avenues in **life sciences, clean energy, AI, precision engineering, med-tech, food processing, textiles, marine sectors, education, tourism, and cultural services**.
- **Business Facilitation:**
  - MSME onboarding with **matchmaking, quality, packaging, and sustainability training**.
  - Logistics support to reduce **port dwell times and compress transit durations**.
  - Monitoring FTA utilisation and expanding **investments and services outcomes**.
- **Complementarities – "Power of Five (Panch)":**
  - **India:** Scale, demand, skilled talent.
  - **Switzerland:** Precision manufacturing, finance, capital goods.
  - **Norway:** Maritime competence, clean energy.
  - **Iceland:** Niche clean-tech, digital innovation.
  - **Liechtenstein:** High-value manufacturing, specialized engineering.

Strategic Significance:

- First trade pact with a **firm investment commitment**, ensuring fairness and mutual benefit.
- Supports India's growth trajectory towards becoming the **world's third-largest economy**.
- Aligns with India's philosophy of **Antyodaya**, ensuring prosperity reaches the last person.
- Facilitates standards cooperation, lab-onboarding, and pathways for **Mutual Recognition Agreements** for professionals.
- Establishes a **stable, predictable framework** to boost investor confidence, reduce uncertainty, and enhance technology and knowledge flows over the next 2–3 decades.

Global & Diplomatic Significance:

- Strengthens **India–EFTA economic relations** based on complementarity and mutual trust.
- Marks **India's proactive engagement with small but high-value economies** in Europe.
- Encourages EFTA companies to **invest, collaborate, and innovate** in India, leveraging its cost advantages, talent, and global capability centers.

CONCLUSION: The **India–EFTA TEPA** paves the way for **technology collaboration, inclusive growth, and high-quality job creation**, establishing a **long-term, strategic, and results-oriented partnership** between India and the EFTA nations.

TOPIC 3: MINISTRY OF AYUSH CONFERS NATIONAL DHANWANTARI AYURVEDA AWARDS 2025

GS PAPER 2: GOVERNANCE & HEALTH | GS PAPER 3: SCIENCE & TECHNOLOGY

Context: The **Ministry of AYUSH** conferred the **National Dhanwantari Ayurveda Awards 2025** on **Prof. Banwari Lal Gaur, Vaidya Neelakandhan Mooss E.T., and Vaidya Bhavana Prasher**, recognising their outstanding contributions across academic, traditional, and scientific domains of Ayurveda. The awards celebrate individuals who have advanced the **promotion, preservation, and innovation** of Ayurvedic knowledge.

Key Highlights:

- **Prof. Banwari Lal Gaur – Strengthening Ayurveda through Scholarship:**
  - Over six decades of contribution to **Ayurvedic education and Sanskrit scholarship**.
  - Authored **31 books, 300+ academic works**, and 319 publications in Sanskrit.
  - Mentored **24 PhD scholars** and **48 postgraduates**, shaping the academic future of Ayurveda.
  - Recognised with **Rashtrapati Samman** and other national honours.
- **Vaidya Neelakandhan Mooss E.T. – Custodian of Kerala's Healing Legacy:**
  - Eighth-generation leader of **Vaidyaratnam Group**, with a **200-year-old Ayurvedic lineage**.
  - Leads over **100 physicians**, promoting Kerala's classical Ayurveda nationally and globally.
  - Initiatives include **Marmayanam** and **Vajra** community health programmes, and a practical **Panchakarma handbook**.
- **Vaidya Bhavana Prasher – Integrating Ayurveda and Genomics:**
  - Scientist at **CSIR–IGIB**, pioneering work in **Ayurgenomics**.
  - Bridges **Ayurvedic principles (Prakriti, Tridosha)** with modern genomics, enabling **predictive and personalised healthcare**.
  - Developed **AI/ML-based Prakriti analysis protocols**, integrated into **Rashtriya Prakriti Parikshan Karyakram**.

CONCLUSION: The awards reinforce the Ministry of AYUSH's commitment to **evidence-based research, education, and global promotion of Ayurveda**.

PIB NOTES 3RD & 4TH OCTOBER 2025

TOPIC 1: PM PAYS TRIBUTE TO TIRUPPUR KUMARAN AND SUBRAMANIYA SIVA ON THEIR REMEMBRANCE DAY

GS PAPER 1: INDIAN HISTORY (FREEDOM STRUGGLE)

Context: The Prime Minister, **Shri Narendra Modi**, paid heartfelt tributes to two stalwarts of India's freedom struggle—**Tiruppur Kumaran** and **Subramaniya Siva**—on their remembrance day, highlighting their profound contributions to awakening the spirit of nationalism in **Tamil Nadu** and the country.

Key Highlights of the PM's Tribute:

- Both were great sons of **Bharat Mata** who dedicated their lives to India's independence and the spirit of nationalism, hailing from **Tamil Nadu**.
- **Tiruppur Kumaran** attained martyrdom while holding the **National Flag**, symbolizing unflinching courage and selfless sacrifice.
- **Subramaniya Siva**, through his **fearless writings and fiery speeches**, instilled cultural pride and patriotism among countless youth.
- The efforts of these two greats are etched in the collective memory, inspiring the nation towards **national development and unity**.

About the Freedom Fighters

The government's recognition shines a light on the sacrifice of these two heroes from Tamil Nadu:

Tiruppur Kumaran (Kodi Kaatha Kumaran)

- **Background:** Born as Kumaraswamy Mudaliyar on **October 4, 1904**, in Chennimalai, Erode district, Tamil Nadu.
- **Contribution:** He was a dedicated revolutionary and follower of **Mahatma Gandhi's** ideals. He founded the **Desa Bandhu Youth Association** to organize protests against the British Raj.
- **Martyrdom:** On **January 11, 1932**, while leading a march in Tiruppur against the British government's ban on the national flag, he was brutally assaulted by the police. He succumbed to his injuries but famously **died holding the National Flag aloft**, earning him the epithet **'Kodi Kaatha Kumaran'** (The Flag Protector Kumaran).
- **Honour:** India Post issued a commemorative stamp in **October 2004** on his 100th birth anniversary.

Subramaniya Siva (Orator and Nationalist Writer)

- **Background:** Born on **October 4, 1884**, in Batlagundu, Dindigul district, Tamil Nadu.
- **Contribution:** He was a powerful orator, writer, and an influential figure in the freedom struggle. He was deeply inspired by leaders like **Bal Gangadhar Tilak** and worked closely with **V.O. Chidambaram Pillai (VOC)**.
- **Activism:** His fierce speeches and writings against the British led to his arrest in **1908**, making him the **first political prisoner in the Madras Presidency** to be sentenced for sedition.
- **Writings:** He founded the journal **Gnanabhanu** in 1913, which was instrumental in spreading nationalist and **Pure Tamil Movement (Tanittamil)** ideas. He also authored philosophical works like Sachithanandha Sivam.
- **Sacrifice:** Due to the harsh conditions during his multiple imprisonments (1908–1922), he contracted **leprosy**. Despite this, he continued his campaign on foot, as the British prohibited him from traveling by train.
- **Legacy:** He passed away on **July 23, 1925**, and is also remembered for his plan to build a **Bharat Mata Temple** at **Papparapatti** in Dharmapuri district.

Strategic Significance

- Tributes from the highest executive office reinforce the importance of including **regional heroes and non-Gandhian streams** of the independence struggle in the national narrative.
- Highlights the contributions of leaders from **Tamil Nadu**, strengthening the concept of **cultural pride** and national integration through shared history.
- Kumaran's sacrifice emphasizes the **sanctity and dignity of the National Flag**, while Siva's struggle underscores the power of **ideas, oratory, and literature** in fostering patriotism.
- The recognition serves as a powerful reminder to the youth of the struggles and suffering of the past, motivating them to work towards the national vision of **Viksit Bharat**.

TOPIC 2: PM LAUNCHES YOUTH-FOCUSED INITIATIVES WORTH OVER ₹62,000 CRORE AT KAUSHAL DEEKSHANT SAMAROH

GS PAPER 2: GOVERNANCE (SKILL DEVELOPMENT, EDUCATION, WELFARE SCHEMES) | GS PAPER 3: INDIAN ECONOMY (EMPLOYMENT, GROWTH, AATMANIRBHAR BHARAT)

Context: Prime Minister **Shri Narendra Modi** addressed the **Kaushal Deekshant Samaroh** (National Skill Convocation) at **Vigyan Bhawan, New Delhi**, launching various youth-focused initiatives worth **more than ₹62,000 crore**. The initiatives, giving a decisive push to education, skilling, and entrepreneurship, underscore the government's commitment to prioritizing **skill development** and empowering the youth, particularly in states like **Bihar**.

Key Initiatives Launched & Dedicated:

SCHEME/INITIATIVE	OUTLAY/IMPACT	KEY FEATURE/OBJECTIVE
PM-SETU YOJANA (PRADHAN MANTRI SKILLING AND EMPLOYABILITY TRANSFORMATION THROUGH UPGRADED ITIS)	**₹60,000 crore**	**Upgradation of 1,000 Government ITIs** (200 Hubs, 800 Spokes) into industry-managed clusters. Aims to align Indian youth with **global skill demands**.
VOCATIONAL SKILL LABS	**1,200 labs** inaugurated	Established in **Navodaya Vidyalayas** and **Eklavya Model Residential Schools** across 34 States/UTs to provide **hands-on training** in **12 high-demand sectors** (e.g., IT, automotive).
JAN NAYAK KARPOORI THAKUR SKILL UNIVERSITY, BIHAR	New establishment	Named after **Bharat Ratna Jananayak Karpoori Thakur** to impart industry-oriented courses and create a globally competitive workforce.
BIHAR YUVA AYOG (YOUTH COMMISSION)	Statutory Commission	Formally inaugurated to channelize and harness the energies of the state's young population (aged **18 to 45**).
REVAMPED MUKHYAMANTRI NISHCHAY SVYAM SAHAYATA BHATTA YOJANA (BIHAR)	Monthly allowance of **₹1,000**	Provided for two years to nearly **5 lakh graduate youth** annually, along with free skill training.
REDESIGNED BIHAR STUDENT CREDIT CARD SCHEME	Loans up to **₹4 lakh**	Provides **completely interest-free** education loans, significantly easing the financial burden of higher education.
SCHOLARSHIP INCREASE (BIHAR)	Increased from ₹1,800 to **₹3,600**	Enhanced scholarship amount for **25 lakh students** of Class 9 and 10 under the Mukhyamantri Balak/Balika Scholarship Scheme.
BIHTA CAMPUS OF NIT PATNA	Dedicated to the Nation	Capacity for **6,500 students**; includes advanced facilities like a **5G use case lab** and a Regional Academic Centre for Space (with ISRO).
APPOINTMENT LETTERS	Distributed to **4,000+** newly recruited candidates	Formal distribution for permanent government jobs, reflecting the ongoing recruitment drive (e.g., **2.5 lakh**

	teachers appointed in the last two years).

Key Themes from PM's Address:

- Stated that India is a country of **knowledge and skill**, and this **intellectual strength** is its greatest power.
- Referred to ITIs as not only premier institutions of industrial education but also the **workshops of an Aatmanirbhar Bharat**.
- Emphasized that the **PM-SETU Yojana** is specifically designed to connect India's youth with **global skill requirements**.
- Highlighted that the **Skill University** named after **Bharat Ratna Karpoori Thakur** will carry forward his vision for social service and the advancement of education for the disadvantaged.
- Acknowledged the collective effort of the coalition government in Bihar, led by **Shri Nitish Kumar**, in restoring the state's education system after previous "misgovernance," resulting in the creation of **50 lakh employment opportunities** over the last two decades.
- Recalled India's transformation from the **"Fragile Five"** (pre-2014) to its current progression towards becoming a **top-three global economy**, driven by growth in manufacturing, exports (e.g., mobile phones, defence), and job creation.

Strategic Significance

- The massive investment of **₹62,000 crore** positions youth empowerment and skill development as the central pillar of India's journey toward a **Viksit Bharat**.
- **PM-SETU's hub-and-spoke model** with **Anchor Industry Partners** ensures that training is outcome-based and perfectly aligned with current and future industry demands, addressing the issue of skill mismatch.
- The special focus on **Bihar**—including the Skill University, interest-free loans, and increased scholarships—directly tackles historical educational deficits and reverses migration trends by creating jobs and opportunities within the state.
- The establishment of **Vocational Skill Labs** in Navodaya Vidyalayas and Eklavya Model Schools aligns with the **National Education Policy (NEP) 2020** by integrating vocational education early on, especially for students in remote and tribal areas.

TOPIC 3: INDIA-SINGAPORE @60: PARTNERSHIP FOR GROWTH & ENGAGEMENT BUSINESS SESSION

GS PAPER 2: INTERNATIONAL RELATIONS (BILATERAL AGREEMENTS, FOREIGN POLICY) | GS PAPER 3: INDIAN ECONOMY (TRADE, INVESTMENT, TECHNOLOGY)

Context: The **"India-Singapore @60: Partnership for Growth & Engagement"** business session was held in **Singapore** on **October 4, 2025**, marking the **60th anniversary** of diplomatic relations between the two countries. The event, co-organized by **FICCI, CII, and ASSOCHAM**, underscored the deep strategic partnership and paved the way for enhanced economic collaboration.

Key Highlights of the Event:

- Delivered by Union Minister of Commerce & Industry, **Shri Piyush Goyal**, commending the transformative progress over six decades and emphasizing **trust and mutual respect** as the foundation for future engagement.

- **Ms. Gan Siow Huang**, Minister of State, Ministry of Trade & Industry, Singapore, provided insights for strengthening trade, investment, and **innovation-driven collaboration**.

Key Areas of Cooperation: Extensive cooperation was highlighted across:

  - **Sustainability** (Green Energy, Waste-to-Energy)
  - **Digitalisation** and **Digital Connectivity**
  - **Skills Development**
  - **Healthcare**
  - **Advanced Manufacturing**
  - **Connectivity**
  - **Infrastructure Financing**

- **Diplomatic Engagement:** A significant meeting was held with **H.E. Tharman Shanmugaratnam, President of the Republic of Singapore**, reaffirming the long-standing strategic partnership based on **shared values** and a joint emphasis on **innovation and sustainability**.

Bilateral Meetings with Global Investors/CEOs:

Investor/Company	Key Discussion Focus
Sembcorp (Mr. Wong Kim Yin, CEO)	**Renewable energy transitions**, potential for **green hydrogen**, and skill development.
Keppel Corporation (Mr. Loh Chin Hua, CEO)	Collaborative projects in **real estate, waste-to-energy**, and digital connectivity.
Blackstone Singapore (Mr. Gautam Banerjee, Chairman)	Follow-up on **Blackstone's growing India portfolio** and private equity.
TPG (Texas Pacific Group) (Mr. Jim Coulter, Chairman)	Investment opportunities in India's **high-growth sectors**.
Skandinaviska Enskilda Banken (SEB) & Saab AB (Mr. Marcus Wallenberg, Chairman) & **EQT Asia** (Mr. Jean Salata & Mr. Jimmy Mahtani)	Potential cooperation in **finance, technology**, and advanced industries.
Schneider Electric (Mr. Manish Pant, EVP)	Commitment to India and avenues for collaboration in **energy efficiency, automation, and digital**.

Strategic Significance

- The event reaffirmed Singapore's pivotal position as a **trusted partner in India's growth journey**, especially in areas requiring high-level technological and financial expertise.
- The discussions align India's policy priorities (e.g., **energy transition, Aatmanirbhar Bharat**) with Singapore's strengths in **sustainable infrastructure** and **digital technology**, laying the foundation for future-ready economic engagement.
- The interaction with major global investment firms (**Blackstone, TPG, EQT**) provides a crucial platform to **align investor expectations with policy priorities**, facilitating the flow of capital into India's growth sectors.
- Singapore acts as a crucial **regional and global hub**, and strengthening linkages here enhances India's access to both **Southeast Asian and global markets** in finance, energy, and technology.

TOPIC 4: NATIONWIDE FINANCIAL AWARENESS CAMPAIGN "आपकी पूँजी, आपका अधिकार" LAUNCHED

GS PAPER 2: GOVERNANCE (WELFARE SCHEMES, CITIZEN-CENTRIC ADMINISTRATION) | GS PAPER 3: INDIAN ECONOMY (FINANCIAL INCLUSION, BANKING)

Context: Union Finance Minister **Smt. Nirmala Sitharaman** launched the nationwide financial awareness campaign, **"आपकी पूँजी, आपका अधिकार" (Your Capital, Your Right)**, in **Gandhinagar, Gujarat**. The campaign aims to help citizens trace and claim their unclaimed financial assets, emphasizing that these deposits represent the **hard-earned savings of ordinary families**.

Key Highlights and Data:

- Will cover all districts across States and Union Territories from **October to December 2025**.
- Unclaimed deposits, insurance proceeds, dividends, mutual fund balances, and pensions.
- **Scale of Unclaimed Assets (as of August 2025):**
    - Unclaimed Deposits (transferred to RBI's DEA Fund): **₹75,000 crore**
    - Unclaimed Insurance Proceeds: **₹13,800 crore**
    - Unclaimed Balances in Mutual Funds: **₹3,000 crore**
    - Unpaid Dividends: **₹9,000 crore**
    - Shares Transferred to IEPF: **Nearly 172 crore shares**
- State Finance Minister **Shri Kanubhai Desai** and Secretary, DFS, **Shri M. Nagaraju** were present.
- Union Home Minister **Shri Amit Shah** lauded the initiative as a collective effort towards strengthening **public trust, dignity, and empowerment**.

Guiding Principles: The "3 A's" Strategy

The Finance Minister outlined three guiding principles for the campaign:

1. **Awareness:** Informing every citizen and community about **how to trace** unclaimed assets.
2. **Accessibility:** Providing **simplified digital tools** and conducting **district-level outreach** through digital demonstrations and helpdesks.
3. **Action:** Ensuring **time-bound, transparent, quick, and fair** claim settlements without unnecessary hurdles.

Strategic Significance

- Builds on the success of existing initiatives like **Jan Dhan Yojana** and **UPI** by ensuring that financial access translates into reclaiming rightful entitlements, making financial inclusion truly **meaningful and transparent**.
- The campaign reflects the government's commitment to enhancing **ease of living** by making complex financial processes simple, transparent, and accessible, particularly for beneficiaries who need the funds for **education, healthcare, and empowerment**.
- The initiative is coordinated by the **Department of Financial Services (DFS)** and brings together all major financial regulators: **RBI, SEBI, IRDAI, PFRDA, and IEPFA**, ensuring a cohesive, cross-sectoral approach.

CONCLUSION:

By launching the **"आपकी पूँजी, आपका अधिकार"** campaign and adopting the **3 A's strategy**, the government is taking a decisive step toward resolving the significant issue of unclaimed financial assets, thereby reinforcing **public trust** and ensuring that the **hard-earned savings of citizens** are restored to them with dignity and ease.

TOPIC 5: HISTORIC LAUNCH OF FIRST COMMERCIAL COAL MINE IN ARUNACHAL PRADESH

GS PAPER 3: INDIAN ECONOMY (INFRASTRUCTURE, ENERGY SECURITY) | GS PAPER 2: GOVERNANCE (DEVELOPMENT, NORTHEAST POLICY) | GS PAPER 1: GEOGRAPHY (RESOURCES)

Context: Arunachal Pradesh is set to launch its **first commercial coal mine** at the **Namchik-Namphuk coal block** on **October 6, 2025**. The launch, spearheaded by Union Minister **Shri G. Kishan Reddy**, marks a significant step towards economic growth, energy security, and local prosperity in the state, aligning with the Prime Minister's **EAST (Empower, Act, Strengthen, Transform) vision** for the Northeast.

Key Highlights of the Project:

- **Location and Reserves: Namchik-Namphuk coal block** in Arunachal Pradesh, with estimated reserves of **1.5 crore tonnes**.
- **Revenue Generation:** The mine is expected to generate over **₹100 crore annually as revenue** for the state.
- **Revival and Transparency:** The block, first allocated in 2003 but delayed, was revived through a **transparent auction process in 2022**, enabling private sector entry (CPPL) and ending illegal mining and wastage.
- **Critical Minerals:** The launch coincides with the auction of **critical mineral blocks** for the first time in the region (two blocks in Arunachal, five in Assam), vital for future technology and national security.
- **Event Highlights (06 Oct 2025):** Includes Bhoomi Poojan, handing over of the mining lease, flagging off of tools/machineries, and a **100-tree plantation drive**.

Commitment to Sustainability (Mission Green Coal Regions):

- The government affirmed there will be **no compromise with ecology** in the Northeast, aiming for the region to become a **global model for sustainable mining**.
- The coal sector is committed to reclaiming **16,000 hectares** of land by **2030** under **Mission Green Coal Regions**, having already reclaimed 57,000 hectares.
- Mining is being undertaken as an **economic, ecological, and community responsibility**, driven by **Jan Bhagidaari** (People's Participation).

Focus on Worker Welfare:

- Welfare measures for coal workers include safety, better wages, healthcare, and scholarships.
- Specific schemes: **Corporate Salary Package** (with insurance and loans), **₹1 crore accident cover**, **₹2 crore air accident cover**, first-time insurance for contract workers, and **ex-gratia of ₹25 lakh** for fatal accidents.

Northeast Development Context:

- **Investment Growth:** Northeast India has witnessed investments of **more than ₹6 lakh crore** in the last 11 years.
- **Arunachal Allocation:** Allocations for Arunachal Pradesh have increased **16-fold**, from ₹6,000 crore (pre-2014) to **₹1 lakh crore** (post-2014).
- **Connectivity Revolution:** Massive infrastructure push through **16,000 km of National Highways, 80,000 km of rural roads, 19 airports**, the **Sela Tunnel**, and the **Bhupen Hazarika Bridge**.
- **Strategic Programmes:** Initiatives like the **Northeast Gas Grid** and the **Vibrant Villages Programme** (connecting 450 border villages) have transformed the region from a conflict zone to a **growth engine** and the **Ashtalakshmi region** central to **Viksit Bharat**.

Strategic Significance

- By joining India's coal production journey (India is the world's second-largest producer), Arunachal Pradesh directly contributes to **national energy security** and the goal of **self-reliance** by leveraging **local resources and local strength**.
- The project will foster **employment and prosperity for local youth**, replacing illegal practices with transparent and accountable development, ensuring benefits reach the people.
- The dual commitment to mineral extraction and **Mission Green Coal Regions** aims to establish a unique model where economic development proceeds without compromising the sensitive ecology of the North-eastern states.
- The successful operationalization demonstrates the effective implementation of the PM's philosophy: **Empower, Act, Strengthen, Transform** in the crucial Northeast region.

CONCLUSION: The launch of the Namchik-Namphuk coal block is a momentous step that effectively integrates **development, ecology, and Jan Bhagidaari** in Arunachal Pradesh, significantly contributing to India's **energy security** and reinforcing the Northeast's role as a vital growth engine for **Viksit Bharat**.

TOPIC 6: QUALITY AND RATIONAL USE OF COUGH SYRUPS IN STATES/UTS

GS PAPER 2: GOVERNANCE (HEALTH, DRUG REGULATION, PATIENT SAFETY) | GS PAPER 3: SCIENCE & TECHNOLOGY (DRUG MANUFACTURING)

Context:

The **Union Ministry of Health and Family Welfare** convened a high-level meeting, chaired by Union Health Secretary **Smt. Punya Salila Srivastava**, with all States/UTs to review compliance with drug quality norms and promote the **rational use of cough syrups**, particularly in the paediatric population. The meeting followed recent concerns, including reports of child deaths in Chhindwara, Madhya Pradesh, allegedly linked to contaminated cough syrups.

Key Agenda and Findings:

The discussions focused on three key areas: compliance with **Revised Schedule M** (Good Manufacturing Practices), rational use of paediatric cough syrups, and strengthening retail pharmacy regulation.

- **Chhindwara Investigation:** A Central team investigated the cluster of cases/deaths. Preliminary chemical analysis of samples found:
  - 9 out of 10 tested medicine samples met quality standards.
  - One cough syrup, **'Coldrif'**, was found to contain **Diethylene Glycol (DEG) beyond the permissible limit**.
- **Regulatory Action:** Prompt action was taken against the manufacturing unit in **Kancheepuram, Tamil Nadu**, including the recommendation for **cancellation of the manufacturing license** by CDSCO and the initiation of **criminal proceedings**.

Key Directives and Advisory:

The Union Health Secretary and experts from ICMR and DGHS emphasized a "3-pillar" strategy involving manufacturers, states, and medical professionals.

Stakeholder	Key Directive/Advice
Drug Manufacturers	Strict compliance with the **Revised Schedule M** (GMP) is mandatory. Firms availing the RPTUAS have been given an extension until **December 2025** to implement the revised GMP norms.
States/UTs	**1. Compliance & Action:** Undertake thorough identification of **non-compliant units** and take strict action. **Risk-Based Inspections (RBI)** are initiated across 19 units in six states. **2. Surveillance:** Ensure **enhanced surveillance** and

	timely reporting by all health facilities (Govt. and Pvt.). **3. Coordination:** Strengthen **inter-state coordination** for joint action and outbreak response.
Health Facilities/Doctors	Ensure **rational use of cough syrups**, particularly for children, as most coughs are **self-limiting** and do not require pharmacological treatment. **Avoid prescribing irrational drug combinations** to children.
IDSP-IHIP	States must ensure wider dissemination of the **community reporting tool** for early reporting of unusual health events.

Strategic Significance:

- The directives underline the government's commitment to ensuring the **highest standards of drug quality** and patient safety, especially following global concerns over DEG contamination.
- By mandating the enforcement of **Revised Schedule M** and initiating Risk-Based Inspections, the Ministry is moving to identify and address systemic gaps in the drug manufacturing and supply chain.
- The emphasis on the **rational use of cough syrups,** backed by clinical evidence, aims to reduce inappropriate medication use and minimize potential adverse effects in the paediatric population.
- The call for strengthened **inter-state coordination** and the operational National Joint Outbreak Response Team ensures a rapid, cohesive response to future quality control or public health emergencies.

PIB NOTES- 5TH & 6TH OCTOBER 2025

TOPIC 1: PRIME MINISTER GREETS NATION ON VALMIKI JAYANTI

GS PAPER 1: INDIAN HISTORY & CULTURE | GS PAPER 2: SOCIAL JUSTICE

Context: The Prime Minister, **Shri Narendra Modi**, greeted the nation on the auspicious occasion of **Valmiki Jayanti** (also known as *Pragat Diwas*), highlighting the profound and enduring influence of **Maharishi Valmiki's** pure and ideal thoughts on Indian society.

About Maharishi Valmiki (The *Adi Kavi*):

- **Adi Kavi (First Poet):** Valmiki is revered as the **Adi Kavi** (First Poet) in Sanskrit literature, credited with creating the first *shloka* (verse) that defined the form for Sanskrit poetry.
- **The *Ramayana***: He is the original author of the Sanskrit epic **Valmiki Ramayana**, a foundational text of Hindu philosophy and culture, consisting of approximately **24,000 verses** divided into seven *Kandas* (cantos).
- **Life as a Symbol of Redemption:** His life story, which describes his transformation from a dacoit named **Ratnakar** to a revered sage after an encounter with **Sage Narada** and years of penance, is a powerful symbol of repentance, forgiveness, and spiritual transformation.
- **Role in the Epic:** In the *Ramayana*, he provides shelter to **Sita Mata** in his hermitage where her twin sons, **Lava** and **Kusha**, were born. He became their mentor, teaching them the *Ramayana* he composed.
- **Valmiki Jayanti:** It is celebrated on the **Purnima Tithi (Full Moon day)** in the Hindu lunar month of **Ashwin** (usually September or October).

Maharishi Valmiki's Core Teachings:

- **Social Harmony:** His teachings, deeply rooted in social harmony, emphasize equality and acceptance for all, transcending divisions of caste or status.

- **Ethical Conduct (*Dharma*):** The *Ramayana* provides a timeless moral framework, portraying **Lord Rama** as the **Maryada Purushottama** (ideal man) and setting standards for righteous conduct, duty, and governance.
- **Compassion and Equality:** The epic teaches that true strength and progress come from inclusivity and recognizing the dignity of every individual, a message that continues to inspire national unity.

Strategic Significance

- Honors the foundation of **Sanskrit classical poetry** and underscores India's global contribution to literature and thought.
- The celebration encourages national self-reflection on **ethical conduct, self-improvement, and transformation**, aligning with the pursuit of a virtuous society.
- Valmiki's legacy serves as a potent reminder of **inclusiveness and equality**, inspiring efforts to uplift marginalized sections and promoting the dignity of labour.
- Reinforces the importance of **India's epic tradition** and its role in sustaining collective moral and cultural memory.

TOPIC 2: INDIA-AI IMPACT SUMMIT 2026 LOGO LAUNCHED

GS PAPER 2: GOVERNANCE (E-GOVERNANCE, POLICY) | GS PAPER 3: SCIENCE & TECHNOLOGY (IT)

Context: The Government of India unveiled the logo for the **India-AI Impact Summit 2026** (to be held at **Bharat Mandapam**, New Delhi, on Feb 19–20, 2026). The logo, chosen through a MyGov contest, reflects India's vision for **Responsible AI innovation**.

Key Highlights

- **Summit Host:** Ministry of Electronics and Information Technology (**MeitY**).
- **Winning Designer: Shri Ajith P. Suresh** (selected from 599 entries).
- **Core Symbolism:** The logo is a blend of tradition and modernity, uniting **ethics** with **innovation**.

Logo Element	Symbolism	Key Message
Ashoka Chakra (Centre)	Tradition, Justice, Constitutional Values	Represents **Ethical Governance** and India's leadership in **Responsible AI**.
Neural Network Flares (Radiating)	Transformative Power of AI	Represents AI's ability to bridge divides across languages, industries, and geographies for **inclusive progress**.
Vibrant Gradient	Innovation and Inclusivity	Reflects India's diverse industries, cultures, and communities driving the AI revolution.

Strategic Significance

- Positions India as a global thought leader focused on **ethical and responsible AI development** for the greater good of humanity.
- Emphasizes that AI is a tool for **social development and equitable progress**, aligning with India's philosophy of *Vasudhaiva Kutumbakam* (The world is one family).
- The logo's constitutional symbolism reinforces that India's digital journey is anchored in **Justice, Ethics, and Democratic Values**, ensuring public trust in digital governance.

CONCLUSION: The logo seamlessly unites **tradition with modernity** and **ethics with innovation**, effectively capturing the spirit of the Summit: charting a path where AI advances **inclusive growth** and serves humanity.

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TOPIC 3: IICT, FICCI, AND NETFLIX PARTNER TO NURTURE AVGC-XR TALENT

GS PAPER 2: GOVERNANCE | GS PAPER 3: INDIAN ECONOMY

Context: The **Federation of Indian Chambers of Commerce & Industry (FICCI)** and the **Indian Institute of Creative Technology (IICT)** signed a landmark MoU with **Netflix India** at the 25th FICCI Frames event. The partnership aims to **nurture India's next-generation AVGC-XR talent** (Animation, Visual Effects, Gaming, Comics, and Extended Reality).

Key Highlights

- **Goal:** To build the next generation of creative technology professionals in the **AVGC-XR sector**.
- **Support:** The collaboration leverages IICT's academic base, FICCI's industry network, and Netflix's creative expertise.
- **Benefits for Students:**
    - IICT will develop **industry-driven curricula**.
    - Students get hands-on experience through workshops and masterclasses led by professionals.
    - **Scholarships** will be provided to underrepresented talent via the **Netflix Fund for Creative Equity**.
- **Industry Guidance:** Netflix will participate in IICT's **R&D Council, Academic Council, and Industry Development Council** to offer strategic guidance.
- **Government View: Sh. Sanjay Jaju**, Secretary, Ministry of Information & Broadcasting, stated that India's media sector is on the cusp of a **global breakthrough** powered by imagination and technology.

Strategic Significance

- Directly strengthens India's **creative economy** and digital content ecosystem, aligning with the goal of making India a global hub for **AVGC-XR**.
- Bridges the gap between academia and industry by ensuring that training is aligned with **global best practices** and the demands of the international entertainment sector.
- The provision of scholarships through the **Netflix Fund for Creative Equity** specifically supports **underrepresented talent**, ensuring the benefits of the creative economy are inclusive and equitable.
- The partnership model, involving a government-backed institution (IICT), an industry body (FICCI), and a global content platform (Netflix), is a strong example of **public-private collaboration** essential for driving innovation and sustainable growth.

TOPIC 4: MINISTRY OF TEXTILES CELEBRATES 'WORLD COTTON DAY' 2025

GS PAPER 3: INDIAN ECONOMY (AGRICULTURE, INDUSTRY) | GS PAPER 2: GOVERNANCE (WELFARE SCHEMES)

Context: The Ministry of Textiles celebrated **World Cotton Day 2025** with the theme **"Cotton 2040: Technology, Climate & Competitiveness."** The event focused on boosting the sector's global competitiveness and achieving ambitious sustainability goals.

Key Highlights

- **Sector Targets (by 2030):**
    - Achieve **USD 350 billion** textile sector size.
    - Reach **USD 100 billion in exports**.
    - Achieve **carbon neutrality by 2030**.

- **Brand Promotion:** Launching **Kasturi Cotton Bharat** as a globally recognized symbol of **purity, quality, and sustainability**, comparable to international brands.
- **Productivity Challenge:** India's yield (**450 kg/hectare**) is low compared to global standards (2,000 kg/hectare). A **Mission for Cotton Productivity** is under consideration to address this gap.
- **Technology Focus:** Emphasis on technology-led transformation, including **precision farming, advanced breeding, digital traceability**, and the adoption of **High Density Planting System (HDPS)**.
- **Policy Linkage (MoS):** The **Kasturi Cotton** initiative supports the Government's **'5F' vision** (Farm-Fibre-Factory-Fashion-Foreign).
- **Industry Action:** Multiple **MoUs** were signed with industry, farmers (AIFCA), and R&D bodies to promote the new Kasturi Cotton Bharat brand.
- **Supporting Schemes:** The Ministry supports the industry through existing schemes like **ATUFS, PM MITRA, and NTTM**.

Strategic Significance

- Aims to achieve high growth and **USD 100 billion in exports** while simultaneously committing to **carbon neutrality by 2030**, positioning the textile sector as a model for sustainable development in the **Viksit Bharat** journey.
- The push for a **Mission for Cotton Productivity** and increased **MSP** directly addresses low yield, aiming to enhance the income and prosperity of the **six million cotton farmers** who form the 'soul' of Indian agriculture.
- Creating a recognized, traceable, and sustainable brand (**Kasturi Cotton Bharat**) ensures India meets global trade demands (non-negotiable trade parameters) for **quality assurance and sustainability certifications**.
- Promotes **climate-smart practices** like efficient water use and soil conservation, ensuring environmental protection in India's predominantly rain-fed cotton regions.

PIB NOTES- 7TH & 8TH OCTOBER 2025

TOPIC 1: UNION MINISTER SCINDIA INAUGURATES SATCOM SUMMIT AND INTERNATIONAL 6G SYMPOSIUM AT IMC 2025

GS PAPER 3: SCIENCE & TECHNOLOGY| GS PAPER 2: GOVERNANCE

Context: Union Minister for Communications, **Shri Jyotiraditya M. Scindia**, inaugurated the **Satcom Summit** and the **International 6G Symposium** at the **India Mobile Congress (IMC) 2025** (Theme: "Innovate to Transform"). The events emphasized India's role as a global leader in **digital transformation and next-generation connectivity**.

Part A: SATCOM Summit (Space Networks for Universal Connectivity)

- **Vision:** India aims to redefine **satellite communications (SATCOM)** to extend digital inclusion, making SATCOM a **"right" and a "form of justice"** for the remotest corners.
- **Rural Mission:** The government is using the **Digital Bharat Nidhi (USOF)** with a **₹40,000 crore** investment to connect **38,260 remote villages** in challenging terrains (75% already connected).
- **Policy Reforms:**
    - Introduced **administrative allocation of satellite spectrum**, aligning with global best practices.
    - **GMPCS licenses** granted to OneWeb and Jio Satellite; Letter of Intent to Starlink.

- **Economic Potential:** The Indian SATCOM market is projected to **triple** from **$4.3 billion (2024)** to **$14.8 billion by 2033**.
- **Security:** Announced a **₹900 crore National SATCOM Monitoring Facility** to safeguard spectrum assets and satellite gateways.
- **Leadership Role:** India has transformed from a space follower to a global leader (**Aryabhata** to **Chandrayaan-3, Gaganyaan**), aiming to be a **hub and exporter** of SATCOM technology.

Part B: International 6G Symposium

- **Ambition:** India aims to be the **"architects of the future of technology,"** co-leading the **6G revolution**.
- **Economic Impact:** 6G is projected to contribute **$1.2 trillion to India's GDP by 2035**.
- **Collaboration: Bharat 6G Alliance** signed **MoUs** with **NASSCOM** and the **European Space Agency** for joint technology development.
- **Key Publications:** Released **four whitepapers** on crucial areas like the **Spectrum Roadmap for 6G in India** and **AI and Network evolution to 5G**.
- **Technological Self-Reliance:** Highlighted the success of the **Made-in-India 4G stack** (1 lakh towers) as a precursor to the **India 6G Vision 2030**.

Strategic Significance

- The SATCOM push ensures that digital connectivity reaches the last mile (**38,260 villages**), transforming the lives of farmers and remote populations, and solidifying the promise of **Digital India**.
- Aggressive policy reforms in SATCOM and the clear ambition for a **co-leadership role in 6G** (aiming for 10% of global 6G patents) cement India's position as a global technology superpower and an exporter of solutions.
- The focus on indigenous technology (Made-in-India 4G stack), the new **Telecommunications Act** (for faster approvals), and the **National SATCOM Monitoring Facility** collectively ensure **digital sovereignty** and enhanced cyber resilience.
- The projected **tripling of the SATCOM market** and the massive **$1.2 trillion 6G contribution to GDP** demonstrate the sector's strategic importance as a powerful engine for national economic growth, driven by the success of the **Aatmanirbhar Bharat** vision.

TOPIC 2: MoHUA OBSERVES WORLD HABITAT DAY 2025

GS PAPER 2: GOVERNANCE | GS PAPER 1: GEOGRAPHY

Context: The Ministry of Housing and Urban Affairs (**MoHUA**) observed **World Habitat Day 2025** at Vigyan Bhawan, New Delhi. The theme was **'Urban Solutions to Crisis'**, focusing on making cities resilient, inclusive, and sustainable to respond to challenges like climate change, migration, and rapid urbanisation.

Key Highlights

- **Theme Focus:** Reaffirms India's commitment to building cities that are **resilient, inclusive, sustainable, and future-ready**.
- **MoS Message (Shri Tokhan Sahu):** Stressed the need to make every city **secure, inclusive, dignified, and opportunity-worthy**.
- **Strategy:** Wise investment in **resilience**, empowerment of **local governments**, and leveraging **Public-Private–People Partnerships (PPPP)** will make cities strong **engines of growth**.
- **MoHUA Secretary's View:** Policy response must focus on strengthening cities' **infrastructure, social systems, and economies** to make them resilient and adaptable.

- **Flagship Schemes (Integrated Approach):** Schemes like **PMAY-Urban, AMRUT, PM SVANidhi, and Swachh Bharat Mission** represent a multi-pronged strategy combining **infrastructure development** with **social inclusion** and **climate action**.
- **Publication:** The **Housing for All (HFA)** Division released a **'Compendium of Good Practices'**, showcasing successful implementations of **PMAY-U** across States/UTs.
- **Panel Discussions:** Focused on key issues like **'Urban and Peri-urban Areas Integration'** and **'Understanding and Responding to Urban Flooding'**.

Strategic Significance

- The focus on resilience and integrated development aligns directly with the vision of creating **future-ready, equitable, and liveable cities** that act as powerful economic engines for **Viksit Bharat**.
- The theme and discussions underscore the importance of **climate-smart urban planning** and strengthening infrastructure to withstand crises like **urban flooding**, a critical challenge for sustainability.
- Flagship schemes (e.g., **PMAY-U, PM SVANidhi**) ensure that urban development is marked by **social inclusion**, focusing on **vulnerable and marginalised sections** so that **"no citizen is left behind"**.
- The release of the **Compendium of Good Practices** facilitates the sharing of successful models across States/UTs, promoting **evidence-based policymaking** and cooperative learning in urban governance.

TOPIC 3: e-NAM PLATFORM EXPANDED WITH 09 NEW COMMODITIES

GS PAPER 3: INDIAN ECONOMY | GS PAPER 2: GOVERNANCE

Context: The Department of Agriculture and Farmers' Welfare expanded the **National Agriculture Market (e-NAM)** by adding **09 new commodities**. This increases the total number of tradable agricultural commodities on the platform to **247**, in response to stakeholder demand for wider market integration.

Key Highlights

- **Total Commodities:** Rises from 238 to **247** on the e-NAM platform (enam.gov.in).
- **New Commodities Added (09):** Includes highly demanded and specialty products like **Green Tea, Tea, Aswagandha Dry Roots, Mustard Oil, Lavender Oil, Mentha Oil, Virgin Olive Oil, Lavender Dried Flower, and Broken Rice.**
- **Mechanism:** The **Directorate of Marketing and Inspection (DMI)** developed tradable parameters for these commodities after consulting with state agencies and experts.
- **Price & Quality Linkage:** The **tradable parameters** introduce standardized grades or ranges, ensuring that prices are linked **directly to quality** (**quality-driven marketplace**).
- **Benefit:** Enhances opportunities for farmers to access a transparent, competitive digital platform, reducing reliance on middlemen and strengthening their bargaining power.

Strategic Significance

- Strengthens farmer interests by empowering them with transparent **digital tools** to realize better value for their produce, leading to greater economic resilience.
- The expansion facilitates **deep market integration** across India, promoting inclusive growth in the agricultural sector by opening doors for farmers to reach broader, quality-driven markets.
- Underscores the government's commitment to transforming agriculture through **e-Governance** and digital technology, ensuring a **transparent trading ecosystem** and fostering long-term growth.
- The inclusion of items like **Lavender Oil** and **Ashwagandha** recognizes and promotes high-value, niche agricultural products, supporting diversification of farmer income.

PIB NOTES – 9TH & 10TH OCTOBER 2025

TOPIC 1: INDIA–UK JOINT STATEMENT: DEEPENING THE COMPREHENSIVE STRATEGIC PARTNERSHIP

GS PAPER 2: INTERNATIONAL RELATIONS | GS PAPER 3: ECONOMY, TECHNOLOGY & DEFENCE

Context: The Joint Statement was issued following the first official visit of **UK Prime Minister Sir Keir Starmer MP** to India (October 8–9, 2025). The visit was aimed at deepening the **India–UK Comprehensive Strategic Partnership**, which is anchored by the Comprehensive Economic and Trade Agreement (**CETA**) and the **India–UK Vision 2035**.

Key Highlights

1. **Trade and Economy:**
    - Emphasized early ratification of **CETA** and the resetting of the Joint Economic and Trade Committee (**JETCO**).
    - Recognized the **UK–India Infrastructure Financing Bridge (UKIIFB)** as a model for sustainable and green growth financing.
2. **Technology and Innovation:**
    - Reaffirmed commitment to the **Technology Security Initiative (TSI)**.
    - Key institutions launched: **India–UK Connectivity and Innovation Centre** (£24 million joint funding for 6G, non-terrestrial networks, and cybersecurity) and the **India–UK Joint Centre for AI**.
    - Launched the **UK–India Critical Minerals Industry Guild** and Phase II of the **Critical Minerals Supply Chain Observatory** (with a satellite campus at **IIT-ISM Dhanbad**).
3. **Defence and Security:**
    - Agreed to finalize an **Inter-Governmental Agreement (IGA)** on maritime electric propulsion systems for Indian naval platforms.
    - India to procure **Lightweight Multirole Missile (LMM) systems** via the government-to-government route, supporting **Atmanirbhar Bharat**.
    - Pledged cooperation on **counter-terror financing** and cross-border movement of terrorists.
4. **Climate and Energy:**
    - Launched the **India–UK Climate Finance Initiative** and a joint **Climate Tech Start-up Fund**.
    - Established an **Offshore Wind Taskforce** and cooperation under the **Global Clean Power Alliance (GCPA)**.
5. **Education:** Noted progress with **nine UK universities** opening campuses in India, including the inaugurated **University of Southampton** (Gurugram) and LoIs for **Lancaster University** (Bengaluru) and **University of Surrey** (GIFT City).
6. **Multilateralism:** UK reaffirmed support for India's **permanent membership in the reformed UN Security Council**.

Strategic Significance

- **Economic Goals:** Positions the CETA as the cornerstone for achieving the **$100+ billion trade target**.
- **Future Tech:** Deepens collaboration in **AI, 6G, and critical minerals**, securing India's role in global technology value chains.

- **Defence Self-Reliance:** Advances **co-development and co-production** in defence, aligning with the **Make in India** and **Atmanirbhar Bharat** missions.
- **Global Order:** Reinforces the shared vision for a reformed multilateral order and a **peaceful Indo-Pacific**.

CONCLUSION: The Joint Statement accelerates the India–UK Comprehensive Strategic Partnership by forging concrete, institution-backed collaborations across trade, next-generation technology, and defence, reinforcing a shared vision for global and Indo-Pacific security.

TOPIC 2: DOT LAUNCHES 'DIGITAL COMMUNICATION THEME' FOR ESTIC–2025: CHARTING INDIA'S PATH FROM 5G LEADER TO 6G PIONEER

GS PAPER 3: SCIENCE & TECHNOLOGY | GS PAPER 2: GOVERNANCE

Context: The Department of Telecommunications (**DoT**) launched the 'Digital Communication Theme' for the **Emerging Science Technology and Innovation Conclave (ESTIC) 2025** on the sidelines of the India Mobile Congress (IMC) 2025. This event also marked the inaugural session of the **Bharat 6G Alliance (B6GA)**, setting the indigenous roadmap for 6G innovation.

Key Highlights

1. **6G Vision:** The initiative's motto is "**Imagine, Innovate, Inspire**," encapsulating India's roadmap for 6G and its contribution to achieving **Viksit Bharat @2047**.
2. **Bharat 6G Alliance (B6GA):** This multi-stakeholder platform connects government, academia, and industry to drive India's 6G ecosystem and technological leadership.
3. **Indigenous Innovation:** DoT is promoting domestic R&D through initiatives like the **Technology Development Fund (TDF)** and the **Research, Development and Innovation (RDI) Scheme**.
4. **ESTIC 2025 Thematic Session:** Scheduled for **November 5, 2025**, the session will convene top scientists, industry leaders, and policymakers to finalize India's 6G vision and research agenda.

Strategic Significance

- **Technological Leadership:** Positions India as a **global 6G pioneer**, leveraging strengths in indigenous design and research.
- **Innovation Ecosystem:** Institutionalizes collaboration between **academia, industry, and government** via the B6GA and ESTIC.
- **Self-Reliance:** Strengthens the **Atmanirbhar Bharat** agenda in digital communications, reducing dependence on foreign technologies and expanding the high-tech manufacturing base.

CONCLUSION: The launch of the Digital Communication Theme for ESTIC–2025 and the B6GA signifies India's determined leap from **5G leadership to 6G pioneering**, institutionalizing a collaborative ecosystem for indigenous innovation to achieve a digitally empowered Viksit Bharat.

TOPIC 3: 23RD EDITION OF BHARAT TELECOM 2025 INAUGURATED: INDIA'S RISE AS A GLOBAL HUB FOR TELECOM DESIGN AND INNOVATION

GS PAPER 3: SCIENCE & TECHNOLOGY | GS PAPER 3: ECONOMY & INFRASTRUCTURE

Context: The Telecom Equipment and Services Export Promotion Council (**TEPC**) inaugurated the 23rd edition of **Bharat Telecom 2025** in New Delhi. The event, attended by **70+ delegates from 30+ countries** and **60 Indian companies**, showcased India's successful transformation from merely assembling telecom products to becoming a global hub for design, development, and innovation.

Key Highlights

1. **Shift in Manufacturing:** India has moved beyond low-value product assembly to become a **global hub for telecom design, development, and innovation**.
2. **Policy Enablers:** Frameworks like the **National Digital Communications Policy (NDCP)** and the **Production Linked Incentive (PLI) Scheme** are key drivers stimulating investments in telecom manufacturing and export competitiveness.
3. **Global Collaboration:** The event served as a major **buyer-seller meet (B2B)**, fostering partnerships in manufacturing, system integration, and software development, especially positioning India as a **trusted partner** for Asia and Africa.
4. **Next-Gen Solutions:** Focus was placed on developing **next-generation solutions** for satellite communications, rural connectivity, and AI-driven applications.

Strategic Significance

- **Economic Growth:** Demonstrates the success of PLI and NDCP in stimulating indigenous manufacturing and export competitiveness.
- **Trusted Diplomacy:** Reinforces India's role as a trusted technology partner, particularly for developing countries in the **Global South**.
- **Atmanirbhar Bharat:** Strengthens the domestic ecosystem under the **Make in India** and **Digital India** missions while actively integrating with global markets.

CONCLUSION: Bharat Telecom 2025 reaffirmed India's position as a **global telecom design and innovation hub**, effectively leveraging policy support and transparent global partnerships to drive digital inclusion and enhance its role in the global supply chain.

TOPIC 4: INDIA INNOVATES TO EMPOWER: USING AI TO SAVE LIVES AND SECURE CITIZENS (INTERNATIONAL AI SUMMIT)

GS PAPER 2: GOVERNANCE | GS PAPER 3: SCIENCE & TECHNOLOGY, ETHICS IN AI

Context: At the International AI Summit (IMC 2025), the Union Minister of State for Communications delivered a keynote address on India's **human-centric approach to Artificial Intelligence (AI)**, emphasizing the theme "**India Innovates to Empower**." The focus is on using technology to transform lives, aligning innovation with constitutional and democratic values.

Key Highlights

1. **AI for Social Good (Quantifiable Impact):**
    - **Saving Lives:** AI-powered flood alert systems saved over **5 lakh lives** during the 2024 Kerala floods.
    - **Fraud Prevention:** DoT's Fraud Risk Indicator blocked **4.8 million scams**, preventing losses worth **₹140 crore**.
2. **Ethical Risks and Challenges:**
    - **Bias:** Algorithmic bias, such as AI hiring tools rejecting **40% more women** and lending algorithms discriminating against rural applicants.
    - **Job Displacement: 15–30%** of IT and manufacturing jobs are projected to face displacement by 2030.
    - **Democratic Threats:** Circulated **50+ fake videos** during the 2024 elections, demonstrating the threat of deepfakes.
3. **Five-Point Framework for Responsible AI Governance:**
    - **Combat Bias:** Mandate fairness audits and inclusive datasets.
    - **Protect Jobs:** Reskill workforce through **IndiaAI FutureSkills**.

- **Safeguard Privacy:** Strengthen data protection and promote **federated learning**.
- **Ensure Transparency:** Require **explainable AI** in critical sectors (healthcare, justice).
- **Lead with Ethics:** Build governance models rooted in Indian democratic values.

Strategic Significance

- Positions India as a global leader advocating for **responsible and human-centered AI**.
- Ensures AI deployment aligns with democratic values of **equality, justice, and accountability**.
- Establishes India as a **norm-setting leader** in ethical technology governance for the Global South.

CONCLUSION: India is championing a model of **human-centric AI** that prioritizes empowerment, safety, and ethics. By deploying a five-point governance framework, India is balancing rapid technological innovation with constitutional values, ensuring AI serves as an instrument of social justice and democratic stability.

TOPIC 5: INDIA–AUSTRALIA DEFENCE MINISTERS' JOINT STATEMENT: DEEPENING STRATEGIC CONVERGENCE IN THE INDO-PACIFIC

GS PAPER 2: INTERNATIONAL RELATIONS | GS PAPER 3: INTERNAL SECURITY, DEFENCE

Context: Raksha Mantri **Shri Rajnath Singh** and Australian Deputy Prime Minister and Defence Minister **Mr. Richard Marles** held the inaugural **Australia–India Defence Ministers' Dialogue** in Canberra, marking five years of the **Comprehensive Strategic Partnership**. The meeting set an ambitious roadmap for collaboration across all defence domains.

Key Highlights

1. **Institutionalization:** Committed to an **annual Defence Ministers' Dialogue** and established **Joint Staff Talks (JST)** as a permanent forum for strategic consultation and interoperability.
2. **Key Agreements:** Signed the **Implementing Arrangement on Mutual Submarine Rescue Support and Cooperation** and an Agreement on **Information Sharing**.
3. **Joint Exercises & Interoperability:** India will participate in Exercise **Talisman Sabre (2025 & 2027)**, and Australia will continue in Exercise **Tarang Shakti (2024)**. India accepted the invitation to Submarine Rescue Exercise **Black Carillon**.
4. **Defence Industry and Tech:**
   - Announced the **Defence Industry Roundtable** to promote industrial collaboration.
   - Agreed to intensify cooperation in contemporary technologies: **integrated air/missile defence systems, secure communications, AI, and Uncrewed/counter-UAS technologies**.
   - Australia welcomed India's offer of **Maintenance, Repair and Overhaul (MRO)** facilities for Royal Australian Navy ships in Indian shipyards.
5. **Maritime Security:** Discussed the **Joint Maritime Security Collaboration Roadmap** and reaffirmed commitment to the **1982 UN Convention on the Law of the Sea (UNCLOS)** for freedom of navigation.
6. **Regional Cooperation:** Welcomed continued cooperation under the **QUAD** framework and the **Australia–India–Indonesia trilateral**.
7. **India's Firm Stand on Terrorism:** Raksha Mantri reiterated that "**Terror and Talks cannot go together**," calling for a united global effort against all forms of terrorism.

Strategic Significance

- Formalizes strategic engagement through permanent, annual dialogues and MRO support.
- Reinforces collective commitment to a **rules-based regional order** and enhances cooperative maritime security and domain awareness.

- Supports **Atmanirbhar Bharat** by expanding industrial collaboration and co-development in critical defence technologies.
- Strengthens **Quad and trilateral frameworks** to counter coercive maritime behaviour.

CONCLUSION: The inaugural Defence Ministers' Dialogue cemented an ambitious, institutionalized, and multi-domain defence roadmap. By enhancing interoperability, technology collaboration, and MRO support, India and Australia are emerging as trusted strategic anchors for a secure and stable Indo-Pacific.

TOPIC 6: INAUGURATION OF VIKSIT BHARAT STRATEGY ROOM & USE CASE CHALLENGE AWARDS

GS PAPER 2: GOVERNANCE, POLITY

Context: The event, organized by the **LBSNAA** in collaboration with **NITI Aayog** under the **State Support Mission**, was inaugurated by **Shri B.V.R. Subrahmanyam, CEO, NITI Aayog**. The focus was on empowering governance at the grassroots level through data-driven and evidence-based solutions.

Key Highlights

1. **Viksit Bharat Strategy Room (VBSR):**
    - **Function:** A dynamic governance hub and an extension of the NITI Aayog Strategy Room.
    - **Purpose:** Integrates **multi-sectoral data** for **real-time monitoring, planning, and decision support** among officer trainees.
    - **Goal:** To foster a culture of **evidence-based policymaking** and **data-driven governance**.
2. **NITI for States Use Case Challenge Awards:**
    - **Scope:** Organized from Dec 2024 – Feb 2025, receiving **250+ submissions** from Aspirational Districts and Blocks.
    - **Recognition: 18 districts** were awarded for innovative, field-tested governance models (use cases) across key development themes (Health, Education, Agriculture, etc.).
    - **Action:** The awarded Use Cases are documented on the NITI for States portal for **replication and scaling**.

Strategic Significance

- The VBSR equips future administrators (officer trainees) with **real-time data tools**, while the Use Cases provide proven, scalable solutions.
- Accelerates development in **Aspirational Districts and Blocks** by fostering a mindset of innovation and evidence-based practice.
- These complementary initiatives advance the national vision by institutionalizing data-backed, efficient, and outcomes-oriented governance from the grassroots up.

CONCLUSION: The inauguration of the Viksit Bharat Strategy Room and the recognition of the NITI for States Use Case Challenge winners underscore India's commitment to institutionalizing data-driven governance. These twin initiatives equip officers with the necessary tools and best practices to achieve the vision of Viksit Bharat @2047.

PIB NOTES – 11TH & 12TH OCTOBER 2025

TOPIC 1: PM LAUNCHES 'PRADHAN MANTRI DHAN-DHAANYA KRISHI YOJANA' & 'SELF-RELIANCE IN PULSES MISSION'

GS PAPER 3: INDIAN ECONOMY | GS PAPER 2: GOVERNANCE

Context: Prime Minister Shri Narendra Modi launched two transformative schemes — the **'Pradhan Mantri Dhan-Dhaanya Krishi Yojana'** and the **'Self-Reliance in Pulses Mission'** — alongside inaugurating and laying the foundation for **1,100 projects** under the Agriculture Infrastructure Fund (AIF), animal husbandry, fisheries, and food processing sectors. These initiatives collectively represent a **historic investment exceeding ₹42,000 crore** for strengthening India's agricultural and rural ecosystem.

Key Initiatives & Announcements:

Initiative	Objective	Key Features
Pradhan Mantri Dhan-Dhaanya Krishi Yojana	Comprehensive agricultural development across aspirational districts	• Integrates **36 sub-schemes** under **11 ministries** for coordinated agricultural progress. • Focuses on infrastructure, innovation, and farmer welfare.
Self-Reliance in Pulses Mission	Achieve self-sufficiency in pulses	• Reduce import dependence by boosting domestic production. • Encourage R&D, high-yield seed varieties, and area expansion.
Agriculture Infrastructure Fund (AIF)	Rural infrastructure creation	• PM inaugurated/laid foundation for **1,100 projects** — modern cold storages, warehouses, and processing units.
Farmer Recognition	Encourage innovation and entrepreneurship	• PM felicitated **farmers, FPOs, cooperatives, and innovators** demonstrating excellence in agri-business.

Key Highlights:

- **PM Modi:** Emphasized farmers' central role in Viksit Bharat and the goal of achieving "**Samriddh Kisan, Samriddh Bharat**".
- **Union Agriculture Minister Shri Shivraj Singh Chouhan:**
    - Thanked the PM for ensuring that **fertilizer prices remain stable** despite global surges — Urea at ₹266/bag, DAP at ₹1,350.
    - Acknowledged reduction in **GST on farm machinery**, easing mechanization costs.
    - Announced a **historic MSP increase** for major crops:
        - Wheat: +₹160/qtl
        - Gram: +₹200/qtl
        - Lentil: +₹300/qtl
        - Mustard: +₹250/qtl
        - Sunflower: +₹600/qtl
    - **Financial Empowerment:**
        - ₹3.90 lakh crore transferred via **PM-Kisan Samman Nidhi**.
        - Over ₹10 lakh crore disbursed under **Kisan Credit Cards** in FY 2024–25.

        - ₹1.83 lakh crore paid as insurance compensation under **PM Fasal Bima Yojana**.
    - **FPO Success:**
        - **52 lakh farmers** as shareholders in FPOs.
        - **1,100 FPOs** became 'Crorepati FPOs' with a combined turnover of ₹15,000 crore.

Strategic Significance:

- Marks a shift from input-driven subsidies to **investment-led modernisation** — integrating animal husbandry, fisheries, and processing.
- Reduces import dependence and strengthens **nutritional security** and **food sovereignty**.
- Expansion of FPOs strengthens **collective bargaining power** and market linkages.
- Record levels of **credit flow, insurance coverage, and DBT transfers** enhance farmers' resilience and income security.
- Demonstrates the government's focus on **self-reliance through Swadeshi agriculture**, technology, and innovation-driven rural growth.

TOPIC 2: SHRI MANOHAR LAL HIGHLIGHTS INDIA'S LEADERSHIP IN ENERGY TRANSITIONS AT G20, KWAZULU-NATAL, SOUTH AFRICA

GS PAPER 3: ENERGY, ENVIRONMENT, AND SUSTAINABLE DEVELOPMENT | GS PAPER 2: INTERNATIONAL RELATIONS

Context: Union Minister for Power and Housing & Urban Affairs, **Shri Manohar Lal**, led the Indian delegation at the **G20 Energy Transitions Ministerial Meeting (ETMM)** held in KwaZulu-Natal, South Africa, under the South African G20 Presidency.

Key Highlights of India's Address:

1. **Global Energy Security and G20 Cooperation**
    - Shri Manohar Lal emphasized that **energy security** is a defining challenge of the 21st century, particularly for the **Global South**.
    - Stressed the need for **collective G20 action** to ensure **economic stability, sustainability, and equitable access** to energy resources.
2. **India's Energy Transition Achievements**
    - India achieved its **Nationally Determined Contribution (NDC) target** of 50% installed power capacity from **non-fossil fuel sources—five years ahead of schedule (in 2025)**.
    - The Minister outlined ambitious future goals:
        - **100 GW of nuclear power capacity by 2047**,
        - Positioning India as a **global hub for green hydrogen**, and
        - Advancing **sustainable development pathways** aligned with "LiFE" (Lifestyle for Environment).
3. **India's Biofuel Leadership**
    - India's **Biofuels Programme** was cited as a **global benchmark**:
        - Achieved **20% ethanol blending**,
        - Leading the **Global Biofuels Alliance**, now comprising **32 countries and 14 international organizations**.

- The Minister described biofuels as a bridge between **energy security and environmental stewardship**, enabling rural income generation and energy diversification.

4. **Climate Justice and Technology Transfer**
   - Reiterated India's stance on **climate justice**, emphasizing that developing nations bear a disproportionate burden of climate change.
   - Urged developed nations to fulfill their **climate finance and technology transfer** commitments under the **Paris Agreement**.
5. **Support for Africa's Mission 300**
   - India reaffirmed its support for **Africa's Mission 300**, aiming to bring **electricity access to 300 million Africans by 2030**.
   - This aligns with India's broader South–South cooperation agenda and its role as a **development partner** in the Global South.
6. **Global Engagement and Diplomacy**
   - On the sidelines, Shri Manohar Lal held **bilateral meetings** with:
     - **Dr. Kgosientsho Ramokgopa**, Minister of Electricity and Energy, South Africa, and
     - **Mr. Lars Aagaard Møller**, Minister for Climate, Energy and Utilities, Denmark.
   - Discussions focused on **clean energy partnerships, technology exchange**, and preparations for **"Bharat Urja Manthan – A Global Energy Conclave"**, to be held in **March 2026** in New Delhi.

Strategic Significance:

- **For India:**
  - Reinforces India's leadership role in **global energy governance** and transition diplomacy.
  - Showcases India's success in balancing **energy access, affordability, and sustainability** — the "energy trilemma."
  - Projects India as a **net provider of solutions**, not merely a consumer in global climate action.
- **For Africa and Global South:**
  - India's support to **Mission 300** strengthens its image as a **reliable development partner**, extending the ethos of "**Vasudhaiva Kutumbakam**."
  - Enhances South–South cooperation in renewable technologies, electrification, and capacity-building.

TOPIC 3: UNION MINISTER DR. JITENDRA SINGH REVIEWS MULTI-HAZARD EARLY WARNING DSS AND "MAUSAMGRAM" AT IMD HEADQUARTERS

GS PAPER 3: DISASTER MANAGEMENT | SCIENCE & TECHNOLOGY | E-GOVERNANCE

Context: Union Minister **Dr. Jitendra Singh**, Minister for Science & Technology and Earth Sciences, reviewed the **Web-GIS based Multi-Hazard Early Warning Decision Support System (DSS)** and the **"Mausamgram" initiative** developed by the **India Meteorological Department (IMD)**.

Key Highlights:

1. Multi-Hazard Early Warning Decision Support System (DSS):

- Developed **in-house** by IMD — fully **indigenous and self-reliant**, eliminating foreign vendor dependency.

- Led to a **cost saving of ₹250 crore** and avoidance of **₹5.5 crore annual maintenance** expenditure.
- Represents a successful implementation of **Atmanirbhar Bharat** in meteorological technology.
- Integrates **Web-GIS based tools** for real-time weather, flood, cyclone, and lightning forecasts, supporting disaster management authorities.
- Enhanced forecast capability:
    - **Lead period increased from 5 to 7 days**,
    - **Preparation time reduced by 3 hours**,
    - **Accuracy improved by 15–20%.**

2. "Mausamgram" Initiative (Har Har Mausam, Har Ghar Mausam):

- A **citizen-centric platform** providing **hyperlocal weather forecasts** down to the **village level**.
- Offers:
    - Hourly forecasts for the next **36 hours**,
    - Three-hourly forecasts for **5 days**,
    - Six-hourly forecasts for **10 days**.
- Accessible through **PIN code, location, or administrative hierarchy** (state → district → block → gram panchayat).
- Available in **all official Indian languages**, ensuring linguistic inclusivity.
- Empowers citizens with **location-specific, actionable weather alerts**, vital for agriculture, disaster preparedness, and rural planning.

3. AI and Future Forecasting:

- Dr. Jitendra Singh recommended integrating **AI-driven analytics** into Mausamgram for personalized and adaptive forecasting.
- Vision: Develop **AI-enabled, risk-based early warning systems** that provide citizens with clear, actionable guidance.

4. Awards and Recognitions:

- IMD received the **National Award for e-Governance 2025** at the **28th National Conference on e-Governance** (Visakhapatnam) for its DSS innovation.
- The Minister praised IMD's **digital transformation** as a benchmark in public service technology.

5. Swachhata and Institutional Reforms:

- Under **Special Swachhata Program 5.0**, IMD:
    - Cleared **600 sq. meters of office space**,
    - Generated **₹30 lakh** from e-waste disposal,
    - Felicitated **50 "Safai Mitras"** for their contribution.
- Dr. Singh planted a sapling under **"Ek Ped Maa Ke Naam"**, linking environmental stewardship with institutional sustainability.

6. Mission Mausam – Vision 2030:

- A long-term initiative to expand IMD's capacity by 2030:
    - Install **advanced meteorological instruments**,
    - Enable **5x5 km scale severe weather forecasting**,
    - Implement **impact-based forecasting and risk-based early warnings**.

- Objective: Achieve **last-mile connectivity** so that **early warnings reach every household** — realizing the vision of "Har Har Mausam, Har Ghar Mausam."

Significance:

- Strengthens India's **data-driven disaster preparedness** and public service delivery through e-governance.
- Saves substantial public expenditure by **indigenizing meteorological technologies**.
- Democratizes access to weather data, crucial for **farmers, fishermen, and disaster-prone regions**.
- Aligns with the **National Geospatial Policy**, **Digital India**, and **Atmanirbhar Bharat** frameworks.

TOPIC 4: THREE LANDMARK INITIATIVES UNVEILED AT INTERNATIONAL PURPLE FEST, GOA

Ministry: Ministry of Social Justice & Empowerment (Department of Empowerment of Persons with Disabilities)

GS PAPER 2: SOCIAL JUSTICE | INCLUSIVE DEVELOPMENT | WELFARE OF VULNERABLE SECTIONS

Context: International Purple Fest, held in **Goa** on 11th October 2025, the **Department of Empowerment of Persons with Disabilities (DEPwD)** under the **Ministry of Social Justice & Empowerment** launched **three landmark initiatives** to strengthen accessibility in **listening, reading, and writing** for Persons with Disabilities (PwDs).

Key Highlights:

1. IELTS Training Handbook for Persons with Disabilities

- Developed by **Believe in the Invisible (BITI)** with support from **DEPwD**.
- Authored by **Anjali Vyas**, a British Council–certified IELTS trainer and Co-Founder of BITI.
- **Objective:** Make **IELTS preparation accessible** and structured for PwDs, supporting equal participation in global education and career opportunities.
- **Key Features:**
    - Step-by-step learning strategies across all four modules – Listening, Reading, Writing, and Speaking.
    - Practical tools and **accessible study materials** for various disabilities — visual, hearing, locomotor, and others.
    - Includes **reasonable accommodation guidelines**, **lesson plans**, **ISL video links**, grammar and vocabulary support, and **time management tips**.
- **Significance:**
    - First-of-its-kind inclusive learning resource for international language testing.
    - Advances India's goal of **inclusive education** under the **Rights of Persons with Disabilities (RPwD) Act, 2016** and **NEP 2020**.

2. ISLRTC – Recognition of Prior Learning (RPL) Certification Programme

- Conducted by **Indian Sign Language Research and Training Centre (ISLRTC)**, New Delhi – an autonomous institution under DEPwD.
- **Course Title:** Certification in ISL Interpretation (CISLI) / Skill Course for SODA (Siblings of Deaf Adults) and CODA (Children of Deaf Adults).

- **Duration:** 11th – 29th August 2025 (offline mode).
- **Participants:** 17 candidates from across India successfully completed the course.
- **Outcome:** Certificates to be distributed on **3rd December 2025** (International Day for Persons with Disabilities).
- **Objective:**
    - Recognize prior learning and provide professional certification in **ISL interpretation**.
    - Encourage familial interpreters (SODA/CODA) to contribute to the national inclusion movement.

3. Specialized Basic Training Programme on ASL & BSL

- Announced by **ISLRTC** to be launched from **3rd December 2025**.
- **Duration:** One month (4 weeks), **physical training** at ISLRTC, New Delhi.
- **Purpose:**
    - Introduce ISL professionals to **American Sign Language (ASL)** and **British Sign Language (BSL)**.
    - Build cross-linguistic and cultural competencies.
    - Enable **international mobility** and **professional recognition** for Indian sign language interpreters.
- **Expected Outcome:**
    - Enhances ISLRTC's role as a global hub for **sign language research and training**.
    - Promotes **India's cultural heritage and inclusivity** in global deaf communities.

Unified Vision of the Initiatives:

- To create **accessible and empowering learning pathways** for persons with disabilities.
- Strengthen India's transition toward an **inclusive knowledge economy**.
- Promote **international collaboration**, capacity-building, and social participation of PwDs.
- Aligns with global frameworks such as:
    - **UN Convention on the Rights of Persons with Disabilities (UNCRPD)**
    - **Sustainable Development Goal 4 (Quality Education)** and **Goal 10 (Reduced Inequalities)**

Significance:

Aspect	Impact
Education	Opens global language learning and testing opportunities for PwDs.
Skill Development	Strengthens professional capacity in ISL and international sign languages.
Inclusion	Encourages cross-cultural and intergenerational participation of the deaf community.
Governance	Reflects DEPwD's integrated, mission-based approach under "Accessible India Campaign (Sugamya Bharat Abhiyan)".

CONCLUSION: The initiatives launched at the **International Purple Fest** embody India's vision of **"Empowerment through Accessibility."**

Mode : Offline/Online

LUKMAAN IAS
...Celebrating 14 years of its establishment

Public Admin. Crash Course

For Mains 2026 | By S Ansari

Total 20 Classes

From: 06th June 2026

Class Time 2:30 PM to 5:00 PM

KEY FOCUS AREAS

- ✓ Revision cum value addition
- ✓ Contemporary & current developments
- ✓ Discussion on selected PYQs

The highlights:

- Relevant PYQs as per the expected trends and recurring nature of pattern of PYQs will be discussed
- New facts and examples will be told/or given through handouts

Note:

- All topics cannot be written, they largely crop up while teaching
- We also deliberately don't want to list each and every topic but we will teach or give handouts of all relevant topics

Scan to Register or Class Schedule

The Past Results from Public Admin. Crash Course

291 Marks

AIR 11

YASHASWI RAJ VARDHAN
CSE 2025

302 Marks

AIR 11

NUPUR GOEL
CSE 2019

334 Marks

AIR 05

ABHILASH MISHRA
CSE 2016

PIB NOTES 13TH & 14TH OCT 2025

TOPIC 1: CCRAS ORGANIZES "MANTHAN–2025" TO STRENGTHEN RESEARCH AND ADMINISTRATIVE PLANNING

GS PAPER 2: GOVERNANCE | GS PAPER 3: SCIENCE & TECHNOLOGY, HEALTH

Context

The **Central Council for Research in Ayurvedic Sciences (CCRAS)**, Ministry of Ayush, Government of India, organized a two-day planning and review meeting **"CCRAS–Manthan–2025"** from **13–14 October 2025** at the **Regional Ayurveda Research Institute (RARI), Lucknow**.

Key Highlights

1. Vision and Objective

- To strengthen **research–administrative synergy** and institutionalize **evidence-based planning** in Ayurveda.
- To align research priorities with national health needs and the **Ayush Research Vision 2030**.
- Promote **multidisciplinary and translational research** that bridges traditional Ayurvedic wisdom with modern scientific validation.

2. Leadership Perspective

- **Prof. (Vd.) Rabinarayan Acharya**, DG, CCRAS, stressed inter-institutional collaboration and focus on **translational research** to enhance **credibility and global reach of Ayurveda**.
- Called for integrating **scientific rigour** with traditional knowledge to achieve international standards in Ayurveda research.

3. Thematic Discussions: The deliberations covered 12 key domains:

- **Clinical Research, Drug Development & Pharmacology**
- **Public Health and Medicinal Plant Research**
- **Extramural Research (EMR)** and **Fundamental Research**
- **Human Resource Development, Finance & Administration**
- **Information Technology, Publications, and Quality Assurance**

4. Institutional Mechanism

- "**Manthan**" forms part of CCRAS's annual planning cycle to review research output and administrative performance.
- Builds on earlier initiative **"Avalokana–2025"** held in Jaipur, which focused on streamlining research coordination and efficiency.
- CCRAS operates through a **network of 30 peripheral institutes** nationwide, generating **scientific evidence, safety validation, and drug standardization**.

5. Dignitaries Present

Inaugural session attended by **Dr. Ajit Kumar Shasany (Director, CSIR–NBRI)**, **Sh. Deepak Kocchar (Deputy Director, Administration, CCRAS)**, and **Dr. Narayanam Srikanth (Deputy Director General, CCRAS).**

Strategic Significance

- Reinforces India's commitment to **scientific validation, quality assurance, and translational research** in traditional medicine.
- Enhances **coordination, monitoring, and accountability** among research centres under CCRAS.

- Integrates Ayurveda research within the framework of **Atmanirbhar Bharat and Viksit Bharat @2047**, contributing to health innovation and global wellness diplomacy.
- Promotes **interdisciplinary and inter-institutional research ecosystems**, leveraging synergies between Ayurveda, pharmacology, and biotechnology.

CONCLUSION **"Manthan–2025"** exemplifies the government's commitment to making Ayurveda **scientifically credible, globally recognized, and policy-integrated**. By merging traditional knowledge with modern research methodologies, **CCRAS** is steering India towards an **evidence-based, innovation-driven Ayush ecosystem** contributing to the national goal of **Viksit Bharat @2047**.

TOPIC 2: UNION MINISTER PIYUSH GOYAL LAUNCHES LEAPS 2025 TO BENCHMARK LOGISTICS EXCELLENCE IN INDIA

GS PAPER 2: GOVERNANCE | GS PAPER 3: ECONOMY, INFRASTRUCTURE & INDUSTRY

Context

The **Union Minister for Commerce and Industry, Shri Piyush Goyal**, launched the **Logistics Excellence, Advancement, and Performance Shield (LEAPS) 2025** during the **4th Anniversary of PM GatiShakti** at Bharat Mandapam, New Delhi.

The initiative, launched by the **Department for Promotion of Industry and Internal Trade (DPIIT)**, aims to **benchmark logistics excellence**, enhance competitiveness, and align with the vision of the **National Logistics Policy (NLP) 2022** and **PM GatiShakti**.

Key Highlights

1. Vision and Objective

- LEAPS 2025 seeks to **recognize leadership, innovation, and best practices** in logistics and supply chain management across India.
- Aims to **promote sustainability, transparency, and efficiency** within the logistics ecosystem through government–industry–academia collaboration.
- Aligns logistics reforms with the broader vision of **Viksit Bharat @2047** and **Atmanirbhar Bharat**.

2. Coverage and Participation

- Open to stakeholders across **air, road, sea, and rail freight**, **warehousing**, **multimodal transporters**, **MSMEs**, **startups**, and **academic institutions**.
- Applications are invited under **13 award categories** across five segments:
    - *Core Logistics:* Air, Road, Maritime, Rail, Multimodal, and Warehousing (Industrial/Agriculture)
    - *MSME & Startups:* Logistics service and technology providers
    - *Institutions:* Educational initiatives in logistics
    - *Special Categories:* e-Commerce logistics and multimodal logistics service delivery

3. Key Features

- Promotes **ESG (Environmental, Social, and Governance)** integration and **Green Logistics** for sustainable transport.
- Encourages **digital innovation**, process optimization, and **data-driven decision-making** in logistics planning.
- Registrations are open via the **Rashtriya Puraskar Portal** till **15 November 2025**.

4. Leadership Statement

- Shri Piyush Goyal emphasized that **LEAPS 2025 marks a new milestone** by recognizing the collective efforts of logistics players in **enhancing efficiency and reliability** nationwide.

Strategic Significance

- Supports the **National Logistics Policy (NLP)** and **PM GatiShakti** by improving India's **Logistics Performance Index (LPI)** ranking and reducing logistics costs (~13% of GDP).
- Mainstreams **ESG standards**, sustainable freight solutions, and digital platforms to build a **future-ready logistics ecosystem**.
- Encourages innovation and participation of **emerging enterprises and academia**, fostering an **inclusive logistics innovation ecosystem**.
- Acts as a catalyst for **Make in India** and **Atmanirbhar Bharat**, ensuring logistics becomes a **strategic enabler** of economic growth, exports, and manufacturing efficiency.

CONCLUSION By rewarding best practices and aligning with **PM GatiShakti** and the **National Logistics Policy**, the initiative will accelerate India's journey toward a **world-class, efficient, and resilient logistics ecosystem** essential for **Viksit Bharat @2047**.

TOPIC 3: PM GATISHAKTI – OFFSHORE LAUNCHED TO STRENGTHEN INTEGRATED OFFSHORE PLANNING AND BOOST INDIA'S BLUE ECONOMY

GS PAPER: GS PAPER 2: GOVERNANCE | GS PAPER 3: ECONOMY | GS PAPER 3: SCIENCE & TECHNOLOGY

Context:

- **Launched by** Union Minister for Commerce & Industry, **Shri Piyush Goyal, on** 4th Anniversary of **PM GatiShakti National Master Plan (NMP)**, New Delhi
- Digital platform for **integrated planning and management of offshore development**, supporting **India's Blue Economy**, green energy transition, and sustainable coastal infrastructure development.

Key Highlights:

Objective:

- Facilitate **data-driven offshore planning** and decision-making.
- Promote **sustainable development** of offshore resources, including wind, solar, tidal, wave, and thermal energy.
- Ensure **holistic, multi-ministry coordination** (Whole-of-Government approach).
- Minimize project risks, streamline approvals, and optimize **resource allocation**.

Integration:

- Consolidates geospatial datasets from multiple ministries and departments:
    - **Ministry of New & Renewable Energy**, **Ministry of Environment, Forest & Climate Change**, **Ministry of Petroleum & Natural Gas**, **Ministry of Ports, Shipping & Waterways**, **Department of Fisheries**, **Ministry of Mines**, **Ministry of Power**, **Department of Telecommunications**.
- Covers sectors including **Energy & Resources, Environment & Ecology, Infrastructure & Logistics, Oceanic & Hazard Data**.

Key Functionalities:

- Unified **geospatial interface** for planners, regulators, and investors.
- Supports planning of offshore projects such as:
    - **Wind farms**, **solar farms**, **tidal & wave energy projects**, **marine resource exploration**, **coastal infrastructure**, **subsea power transmission**.

- Enables **multi-layered analysis**: e.g., integrating seabed bathymetry, coral reefs, mangroves, turtle nesting zones, hydrocarbon blocks, fibre routes, marine traffic.
- **Streamlines environmental clearances** and regulatory approvals.
- Centralized repository of **verified, authentic government data**.

Example Use Case:

- Planning **HVDC subsea link** to Andaman & Nicobar Islands:
  - Seabed depth optimization for cost-effective cable laying
  - Avoidance of ecologically sensitive zones
  - Coordination across multiple ministries for efficient routing

Strategic Significance:

- Supports sustainable growth of offshore energy, fisheries, and marine infrastructure.
- Minimizes delays, avoids regulatory overlaps, and improves planning precision.
- Demonstrates **Whole-of-Government approach**, integrating multiple ministries for coordinated decision-making.
- Showcases India's capability in **geospatial intelligence and strategic infrastructure planning**.
- Ensure environmentally **compliant and technically** feasible offshore projects.
- Strengthens India's **green energy transition**, coastal infrastructure, and contributes to **Viksit Bharat 2047** vision.

TOPIC 4: C-DOT LAUNCHES COHORT-II OF 'SAMARTH' INCUBATION PROGRAM AT INDIA MOBILE CONGRESS 2025

GS PAPER: GS PAPER 2: GOVERNANCE | GS PAPER 3: SCIENCE & TECHNOLOGY

Context:

- **Organized by:** Centre for Development of Telematics (**C-DOT**), autonomous R&D institution under **Department of Telecommunications (DoT)**
- **Event:** Kick-off session of **Samarth Cohort-II** during **India Mobile Congress 2025**, Yashobhoomi, New Delhi
- **Purpose:** Incubation program to nurture **startups in Telecom & ICT sector**, supporting India's digital transformation and **Atmanirbhar Bharat** vision

Key Highlights:

Program Objective:

- Support startups and innovators in: **telecom applications, cybersecurity, 5G/6G, AI, IoT, quantum technologies**
- Promote **indigenous telecom products/solutions** through industry-startup co-creation
- Foster **entrepreneurship, innovation, and skill development** in ICT sector

Implementation & Partners:

- **Partners:** Software Technology Parks of India (**STPI**) & TiE (The Indus Entrepreneurs)
- **Cohort Structure:**
  - Two cohorts, each 6 months long
  - Up to **18 startups per cohort** (36 total)
  - Cohort-I completed; Cohort-II launched in July 2025

Support Provided:

- **Financial grants:** First tranche disbursed at **ASPIRE Startup Stage, IMC 2025.**

- **Infrastructure:** Fully furnished office space, access to **C-DOT labs at Delhi & Bengaluru.**
- **Mentorship & Acceleration:** Training in **marketing, IPR, finance, legal, regulatory compliance.**
- **Problem Statements:** Cohort-II focused on **AI, Li-Fi, Security, Drones.**

Selection Process:

- Applications assessed by **Selection Committee** (academia, industry, C-DOT, STPI).
- Criteria: **Innovation, idea relevance, execution capability, team strength, product potential, alignment with problem statements.**
- **18 startups selected for Cohort-II** (includes Huebits Tech, Dawniens International, Khageshvara Aviation Tech, Revon Unmanned Systems, InventGrid India, Vayunotics Technologies, among others).

Vision:

- Long-term plan to establish **Academic Centres of Excellence** in leading institutions
- Embed **innovation culture** in India's educational ecosystem.

Strategic Significance:

- Accelerates adoption of advanced telecom and ICT solutions across India.
- Encourages **indigenous technology development** and startup-led innovation.
- Provides holistic support in **technical, managerial, and regulatory domains.**
- Strengthens **industry-academia-startup collaboration.**
- Nurtures next-generation **leaders in ICT**, contributing to technology-driven economic growth.

TOPIC 5: INDIA STRENGTHENS CULTURAL AND SPIRITUAL BONDS WITH RUSSIA — PRESENTATION OF HOLY 'MONGOLIAN KANJUR' TO KETCHENERSKY KHURUL, KALMYKIA

GS PAPER II – INTERNATIONAL RELATIONS

Context:

In a landmark initiative reflecting deep-rooted cultural and spiritual ties between India and Russia, Deputy Chief Minister of Uttar Pradesh Shri Keshav Prasad Maurya presented the sacred 108-volume *Mongolian Kanjur* to the Ketchenersky Khurul, a prominent Buddhist temple in Kalmykia. The ceremony coincided with the first-ever exposition of Lord Buddha's Holy Relics in Russia (11–18 October 2025), held at the Golden Abode of Shakyamuni Buddha Monastery in Elista.

About the Mongolian Kanjur

- The *Mongolian Kanjur* is a revered 108-volume Buddhist canon, comprising discourses and teachings (sutras) of Lord Buddha.
- Translated from Tibetan into Classical Mongolian, the term "Kanjur" means "Translated Words" — representing the spoken words of the Buddha.
- Recognized as the most authoritative scripture in Mongolia, it provides vital insight into the cultural exchange spanning India, Tibet, and the Mongolian steppes.
- The text was provided by the **International Buddhist Confederation (IBC)** and **National Manuscripts Mission (NMM)** under India's **Ministry of Culture**.

Key Highlights

- Shri Keshav Prasad Maurya handed over the sacred Kanjur to the Head Monk of the Ketchenersky Khurul, hailing it as a symbol of peace, compassion, and universal wisdom.

- The Indian delegation visited **Kalmyk State University**, interacting with students and faculty to promote the principles of *Buddha Dhamma* in contemporary education.
- A vibrant program in Elista celebrated Kalmyk folk traditions, reinforcing cultural unity between India and Russia.
- Ministry of Culture (BTI Division) in partnership with IBC, National Museum, and IGNCA coordinated the visit.

Strategic Significance

- Showcases India's use of cultural heritage as a diplomatic bridge — a living demonstration of "Vasudhaiva Kutumbakam."
- Strengthens India's image as a civilizational partner, complementing strategic and economic ties through spiritual diplomacy.
- Reinforces India's role as the birthplace and protector of Buddhist heritage, deepening engagement with nations of shared spiritual traditions.
- Encourages cross-cultural understanding and grassroots friendship beyond political frameworks.

TOPIC 6: INDIA–MONGOLIA 3D PARTNERSHIP — DEMOCRACY, DHARMA, AND DEVELOPMENT AS THE NEW PILLARS OF BILATERAL TIES

GS PAPER II – INTERNATIONAL RELATIONS

Context

The President of Mongolia, H.E. Khurelsukh Ukhnaa, visited the Indian Parliament on 14 October 2025, where he was warmly received by Lok Sabha Speaker Shri Om Birla at Makar Dwar. The occasion marked the celebration of **70 years of diplomatic relations between India and Mongolia**, highlighting a deepening partnership rooted in **Democracy, Dharma, and Development**—a framework described by Shri Birla as the *3D Partnership*.pib+2

Key Highlights of the Visit

- Both leaders held extensive discussions at the Parliament House, focusing on expanding bilateral cooperation across multiple domains — defence, health, IT, and economic growth.
- Shri Birla underlined that India and Mongolia's relationship trace back to shared spiritual traditions of Buddhism. He reaffirmed that the teachings of Lord Buddha, especially the guiding mantra *"Bahujan Hitaya Bahujan Sukhaya"* (for the welfare and happiness of many), continue to shape India's public policy and governance model.
- Recalling his 2023 visit to Mongolia, the Speaker emphasized the significance of regular Parliament-to-Parliament exchanges and invited Mongolian lawmakers to train at the **Parliamentary Research and Training Institute for Democracies (PRIDE)**.
- He highlighted India's legislative progress through the **Nari Shakti Vandan Adhiniyam**, the first law enacted in the new Parliament Building, ensuring **33% reservation for women** in the Lok Sabha and State Legislative Assemblies
- Shri Birla showcased the Buddhist-inspired design elements in the new Parliament Building, including the Dharma Chakra and verses like *"Buddham Sharanam Gacchami, Dhammam Sharanam Gacchami, Sangham Sharanam Gacchhami"*, symbolizing India's commitment to dharmic governance.

Mongolian Perspective

- President Khurelsukh Ukhnaa described India as **Mongolia's spiritual neighbour and a great friend**, praising New Delhi's commitment to democratic values and equitable global growth.
- He lauded India's rapid economic rise, calling it a stabilizing force in global politics, and applauded its **leadership of the Global South**.

- The President reaffirmed Mongolia's interest in collaborating with India on **multilateral platforms**, emphasizing mutual respect, shared benefit, and historical friendship.

Strategic Significance

- The tri-pillar partnership—Democracy, Dharma, and Development—positions India–Mongolia relations as a unique blend of political cooperation, moral philosophy, and developmental synergy.
- Strengthens democratic institutions through knowledge exchange and legislative training (PRIDE initiative).
- Enhances India's influence as the birthplace of Buddhism and a global beacon of spiritual humanism.
- Expands opportunities in **defence cooperation**, **energy security** (via ongoing refinery projects), **digital innovation**, and **healthcare partnerships**.

CONCLUSION By combining shared Buddhist heritage with strategic collaboration, both nations exemplify **spiritual diplomacy and people-centric progress**, advancing the global vision of **Vasudhaiva Kutumbakam**.

TOPIC: WORLD STANDARDS DAY 2025 — HARMONISING QUALITY AND INNOVATION FOR VIKSIT BHARAT

GS PAPER III – ECONOMY

Context

The Bureau of Indian Standards (BIS) celebrated **World Standards Day 2025** on 14 October under the theme *"Shared Vision for a Better World – Partnerships for the Goals"*, focusing on **Sustainable Development Goal 17 (Partnerships for the Goals)**.

Significance of Standards

- Standards ensure **safety, quality, and trust** across goods and services, forming the foundation of a resilient economy.
- They drive **domestic and international trade**, environmental sustainability, and global competitiveness.
- The Prime Minister's vision of **"Zero Defect, Zero Effect"** underpins India's movement toward products that are flawless in quality and eco-friendly.

India's Standardization Progress

- **22,300+ standards** currently in force; **94% harmonized** with ISO and IEC benchmarks.
- Number of new standards increased from **407 (2014)** to **1,038 (2025)**.
- Products under mandatory certification expanded from **106 products under 14 QCOs** (2014) to **773 under 191 QCOs and two horizontal QCOs** (2025).
- These developments align India's quality ecosystem with global norms while ensuring inclusivity for domestic industries, especially **MSMEs**.

Key Announcements and Initiatives

1. **National Lighting Code (NLC) 2025:**
    - Updated edition addressing LED transition, IoT-based smart lighting, renewable integration, and human-centric designs.
    - Covers specialized fields like healthcare, horticulture, tunnels, heritage sites, and solar-powered illumination.

2. **Pilot Project for Hallmarked Jewellery:**
    - Digital capture of photographs and weight of hallmarked items across **25 assay centres**, integrated into the BIS Care app for consumer transparency.
3. **Integration of Testing Labs with LIMS:**
    - Over **180 lab instruments** digitally connected, enabling real-time data transfer for testing accuracy and traceability.
4. **Launch of BIS Learning Management System (LMS):**
    - Online, self-paced certification courses on Indian Standards and conformity assessment for industry professionals.

Ministerial Remarks

- Shri Pralhad Joshi urged BIS to create **practical and globally recognized standards**, strengthen awareness, and engage industry in future-ready frameworks.
- He emphasized **quality consciousness** as key for **Atmanirbhar Bharat** and **Viksit Bharat 2047**.
- Minister of State Shri B. L. Verma lauded the **"Standardization Heroes of India"** for contributing to ISO and IEC engagement, enhancing India's reputation in global standardization.

CONCLUSION

World Standards Day 2025 reinforced India's commitment to **quality-driven growth**, global competitiveness, and **sustainable industrial leadership** under the vision of Atmanirbhar and Viksit Bharat.

PIB 15TH & 16TH OCT

TOPIC 1: SECOND HIGH-LEVEL TASK FORCE MEETING ON SPORTS DEVELOPMENT IN NORTH-EASTERN REGION

GS PAPER I – INDIAN SOCIETY

Context

The Second High-Level Task Force (HLTF) Meeting on Sports Development in the North Eastern Region (NER) was held, chaired by the Governor of Manipur, Ajay Kumar Bhalla, with participation from Union Minister for Communications and Development of North Eastern Region, Jyotiraditya M. Scindia, State Sports Ministers, and senior officials from all Northeastern states.

Key Highlights

- Union Minister Jyotiraditya Scindia emphasized the North Eastern Region's rich cultural heritage, natural athleticism, and passion for sports as essential elements for transforming it into India's sporting hub.
- Advocated a **bottom-up approach** focusing on **macro coaching patterns, committed long-term coaching engagement, sport-based talent scouting**, and grassroots participation to build a strong foundation for sporting excellence.
- Identified need for modern sports infrastructure, nurturing local talent, and recognizing high-potential disciplines for focused promotion.
- Discussed mapping talent-rich but underserved areas, leveraging PPPs and CSR initiatives to attract investments, and creating a strategic framework with measurable milestones for phased implementation.
- Emphasized blending modern infrastructure with traditional sporting culture to foster athlete excellence along with inclusive growth, youth engagement, and regional pride.

Government Commitment

- The meeting reinforced the Government's vision under PM Modi's leadership to empower the North Eastern Region by developing a vibrant sports ecosystem.
- Minister of State for Youth Affairs and Sports, Raksha Nikhil Khadse, reaffirmed support to nurture grassroots talent and provide infrastructure and exposure for competing at national and international levels.
- The Governor of Manipur highlighted the importance of leveraging each state's unique strengths through training, talent identification, local leagues, and competitions to maximize local opportunities.

Strategic Significance

- Positions the **Northeastern Region** as a future powerhouse for Indian sports with high international visibility.
- Promotes **inclusive regional development** through sports-led youth empowerment and cultural pride.
- Encourages **holistic sports ecosystem development** by addressing coaching, infrastructure, talent scouting, events, sports science, and governance through coordinated multi-stakeholder efforts.

CONCLUSION The Second HLTF meeting represents a key milestone in advancing the goal of transforming the North Eastern Region into a center of sporting excellence. Through focused talent nurturing, modern infrastructure development, and participatory governance, the NER is poised to contribute significantly to India's sports achievements and youth empowerment efforts.

TOPIC 2: EXTRADITION OF FUGITIVES – CHALLENGES AND STRATEGIES

GS PAPER II – INTERNATIONAL RELATIONS, POLITY & GOVERNANCE

Context

Union Home Minister Shri Amit Shah will inaugurate the two-day conference titled **'Extradition of Fugitives — Challenges and Strategies'** organized by the Central Bureau of Investigation (CBI) in New Delhi on 16 October 2025. The conference aims to address the persistent challenges of extraditing fugitives operating from abroad and formulate a strategic roadmap to enhance India's efforts to bring them back for criminal justice.

Key Issues and Focus Areas

- Leveraging diplomatic, consular, and international law frameworks, including Interpol, to expedite extradition processes across countries.
- Employing advanced tools, databases, and real-time communication platforms like the **BHARATPOL portal** developed by CBI, which consolidates information flow among district, state, and central agencies globally.
- **Financial Footprint Analysis:** Tracking money laundering, assets, and illegal financial activities linked to fugitives using digital footprints and financial intelligence.
- **Special Focus on Crime Types:** Addressing crimes such as **Narco, Terrorism, Cybercrime, Organized Crime**, and **Economic Offences** with a coordinated, multi-layered approach.

Significance

- The initiative is part of Prime Minister Narendra Modi's broader vision of **strengthening India's global legal and diplomatic reach** for crime suppression and border security.
- More than **300 extradition requests** are pending, with delays hampering justice. The conference seeks to create an action plan for **timely and effective extradition**.

- Establishing **special prisons and legal mechanisms** to counter challenges related to jurisdiction and legal loopholes faced by fugitives abroad.
- Enhances **international credibility** and demonstrates India's zero-tolerance stance towards crimes rooted in corruption, terrorism, and economic offences.

Measures Launched and Initiatives

- **BHARATPOL portal**: Facilitates seamless communication and coordination among law enforcement agencies worldwide.
- **Legal Frameworks:** Strengthening laws including the Fugitive Economic Offenders Act and Money Laundering Act, with assets worth billions recovered.
- **Real-time Coordination:** The **Global Operations Centre** of CBI coordinates efforts with foreign agencies for swift action.
- **Operational Milestones:** Over **190 Red Corner Notices** issued from January to September 2025, the highest in India's history.

TOPIC 3: PROGRESS IN ELIMINATING NAXALISM AND LEFT-WING EXTREMISM (LWE)

GS PAPER II – INTERNAL SECURITY, POLITY & GOVERNANCE

Context

Under Prime Minister Shri Narendra Modi and Union Home Minister Shri Amit Shah's leadership, India has achieved significant milestones in its fight against Naxalism and Left Wing Extremism (LWE). The number of districts most affected by Naxalism has been reduced from 6 to just 3, currently with Bijapur, Sukma, and Narayanpur in Chhattisgarh. Similarly, the total districts affected by LWE have decreased from 18 to 11 across the country, marking a sharp decline in the spread of extremism.

Key Achievements

- **Milestone in Reduction:** The number of districts classified as 'Most Affected' by Naxalism has fallen from 6 to 3, with only these districts in Chhattisgarh remaining highly impacted.
- **Operational Successes (2025):**
    - Eliminated 312 Maoist cadres including top leaders such as the CPI (Maoist) General Secretary and Polit Bureau members.
    - Arrested 836 cadres and convinced 1,639 to surrender, with some surrendering high-ranking leaders including Polit Bureau and Central Committee members.
- **Decline in Affected Districts:** The number of Naxal-affected districts has declined drastically from 126 (2013) to 18 in March 2025, with only 6 categorized as 'Most Affected'.
- **The Red Corridor:** Extending from Nepal's Pashupati to Andhra Pradesh's Tirupati, has contracted significantly, emphasising success in security and development initiatives.

Strategies and Measures

- Implementation of **National Action Plan** involving intelligence-led operations, infrastructure development, community engagement, financial sanctions against insurgents, and enhanced coordination among states and center.
- **Security Operations:** Focused on top leadership targeting, overground worker disruption, and ideological counter-measures.
- **Developmental Initiatives:** Rapid infrastructure expansion, welfare schemes, and resource saturation in affected districts.
- **Legal and Administrative Measures:** Enhanced prosecution and legal action against Maoist activities, with financial aid for 'Districts of Concern'.

Significance

- The decline signifies **India's resolve** and **multi-pronged strategy effectiveness** in dismantling the Naxal network.
- The reduction represents a major victory for **internal security**, military and police efforts, and socio-economic development programs.
- The ongoing efforts aim to fully eradicate Naxalism by **31 March 2026**, transforming conflict zones into zones of peace and progress.
- This success underscores the importance of **integrated security and development** in counter-insurgency policies.

PIB 17TH & 18TH OCT 2025

TOPIC 1: AYUSH DIPLOMACY REACHES THE ARCTIC: INDIA CHAMPIONS INTEGRATIVE HEALTH COLLABORATION AT REYKJAVÍK ASSEMBLY

GS PAPER 2: INTERNATIONAL RELATIONS GS PAPER 3: SCIENCE & TECHNOLOGY | ENVIRONMENT

Context

India's Ministry of Ayush participated as part of the national delegation at the **Arctic Circle Assembly 2025** held in **Reykjavík, Iceland**. It highlights India's evolving **Arctic diplomacy** and leadership in **integrative health collaboration**. Prof. (Vaidya) Rabinarayan Acharya, Director General, **CCRAS**, and Dr. Srinivas Rao Chinta, Joint Advisor (Homoeopathy), represented India in the global forum, aligning health diplomacy with India's Arctic Policy.

Key Highlights

1. **Plenary Session: Global South in the Arctic**
    - Prof. Acharya presented India's proactive role under the **Indian Arctic Policy**, emphasizing the inclusion of traditional health systems in Arctic cooperation.
    - The plenary was organized by the **Government of India** and featured key speakers, including Rear Admiral T.V.N. Prasanna (Polar Coordinator), Manish Tiwari (NCPOR), and Wassim Said (Emirates Polar Program, UAE).
2. **Integrative Health and Wellness Vision**
    - Highlighted the **potential of Ayush systems** in fostering wellness, adaptability, and mental resilience in extreme environments such as the Arctic.
    - Proposed **transdisciplinary proof-of-concept clinical trials** in Arctic settings to assess Ayush-based interventions for health and environmental stress adaptation.
3. **Research and Institutional Collaboration**
    - Called for the establishment of a **Joint Research Consortium** within the **Arctic Policy framework** to connect traditional knowledge with polar science.
    o Advocated **capacity building** in cross-cultural Ayush delivery, safety surveillance, and evidence-based standardization.
4. **Scientific Evidence and Global Integration**
    - Emphasized the need for **robust scientific publications** to integrate Ayush into mainstream global health discourse.
    - Proposed embedding **Ayush awareness** as a pillar of India's Arctic diplomacy and sustainable development engagements.

5. **India's Broader Arctic Engagement**
    - The participation reflected India's expanding engagement under the **Arctic Policy (2022)** pillars — science, environmental protection, and international cooperation.
    - Reinforced the **Global South's perspective** in shaping inclusive and sustainable Arctic governance.

Strategic Significance

- Positions India as a pioneer in leveraging traditional medicine for international health cooperation in extreme climate regions.
- Integrates Ayush research with Arctic science, fostering a new model of **evidence-driven traditional medicine diplomacy**.
- Strengthens India's soft power and aligns Ayush diplomacy with **sustainability, climate adaptation, and holistic wellness goals**.
- Amplifies India's voice in global forums, advocating an inclusive, pluralistic, and human-centric Arctic engagement model.

CONCLUSION India's participation in the **Arctic Circle Assembly 2025** marks India's vision of **"One Earth, One Health"**, positioning Ayush as a bridge between **global science, sustainability, and diplomacy** in the Arctic and beyond.

TOPIC 2: HISTORIC "TALLY BUNGALOW" RESTORED AS YOGA & RECREATION CENTRE UNDER SPECIAL CAMPAIGN 5.0

GS PAPER 2: GOVERNANCE | WELFARE ADMINISTRATION GS PAPER 4: ETHICS & WORK CULTURE

Context

Under the **Special Campaign 5.0** and **Azadi Ka Amrit Mahotsav**, **Eastern Coalfields Limited (ECL)**, a subsidiary of Coal India Limited under the **Ministry of Coal**, has restored and repurposed the historic *Tally Bungalow* at the **Bankola Area**, West Bengal. Once an abandoned colonial-era structure, it has now been transformed into a **Yoga-cum-Recreation Centre**, symbolizing heritage conservation, employee welfare, and wellness-driven governance.

Key Highlights

1. **Heritage Restoration:**
    - The **80-year-old Tally Bungalow**, originally built during the British period by a private coal company, was fully renovated **without altering its architectural integrity**.
    - The total campus area spans **81,310 sq. ft.**, with the main building covering **16,868 sq. ft.**
2. **Modern Wellness Infrastructure:**

    The rejuvenated premises include a **lush green lawn**, **modern body fitness equipment**, and dedicated spaces for **yoga and recreation**.

    Facilities include **toilets and washrooms** for employees and local residents using the centre for daily yoga practice.
3. **Inauguration Ceremony:**
    - The centre was inaugurated virtually by **Shri Satish Jha**, CMD, ECL, in the presence of **Shri Sanjay Kumar Sahu**, Area General Manager, and senior officials, including members of the **Welfare Committee**, **CISTEA**, **INMOSSA**, and **SC/ST/OBC Council**.

4. **Leadership Message:**
    - CMD Shri Satish Jha appreciated the initiative as a **model of employee-centric governance**, highlighting the role of yoga in ensuring **physical fitness, mental peace, and emotional balance**.
    - He underlined the importance of such projects in promoting **discipline, work–life balance, and organizational harmony**.
5. **Alignment with National Initiatives:**
    - The project aligns with the **Special Campaign 5.0** focus on asset utilization and space optimization.
    - It also complements the **Fit India Movement**, **Swachh Bharat Mission**, and the broader vision of **"Viksit Bharat @2047"** through wellness-led productivity.

Strategic Significance

- Promotes a culture of health, mindfulness, and holistic well-being among coal sector employees.
- Revives a colonial-era landmark while retaining its original design and cultural value.
- Reflects **ECL's proactive management ethos** under Special Campaign 5.0—transforming abandoned assets into functional, welfare-oriented spaces.
- Reinforces values of empathy, inclusivity, and wellness, fostering a balanced and motivated workforce.

CONCLUSION The restoration of the **Tally Bungalow** into a **Yoga and Recreation Centre** exemplifies how public sector enterprises can blend **heritage preservation with human-centric governance**.

TOPIC 3: NITI AAYOG'S WOMEN ENTREPRENEURSHIP PLATFORM AND DP WORLD LAUNCH 'WE RISE' INITIATIVE TO EMPOWER WOMEN ENTREPRENEURS

GS PAPER 2: GOVERNANCE | WOMEN EMPOWERMENT PAPER 3: ECONOMY | INCLUSIVE GROWTH | MSME DEVELOPMENT

Context

NITI Aayog's Women Entrepreneurship Platform (WEP), in collaboration with **DP World**, launched the **'We Rise – Women Entrepreneurs Reimagining Inclusive and Sustainable Enterprises'** initiative to strengthen women-led enterprises and enable their access to global markets. The initiative was launched under **WEP's Award to Reward (ATR)** programme in the presence of **Shri B.V.R. Subrahmanyam**, CEO, NITI Aayog, and **Ms. Anna Roy**, Mission Director, WEP.

Key Highlights

1. **Objective and Scope:**
    - 'We Rise' aims to **support women-led MSMEs** in India by facilitating **global trade access, mentorship, and capacity building**.
    - The initiative aligns with the Government's vision of **women-led development**, emphasizing inclusion, innovation, and enterprise growth.
2. **Partnership Framework:**
    - Under the ATR programme, WEP and **DP World** will jointly identify **high-potential women entrepreneurs** across India.
    - DP World will provide **trade facilitation, logistics support, and export-readiness mentoring** to help entrepreneurs meet global standards.

3. **Global Market Access:**
    - **100 women entrepreneurs** will be mentored to enhance **export competitiveness** and business resilience.
    - Selected entrepreneurs will showcase their products at **Bharat Mart, Dubai**—a major **B2B and B2C platform** within the **Jebel Ali Free Zone (Jafza)**, offering direct engagement with international buyers.
4. **Public–Private Collaboration:**
    - WEP and DP World's partnership represents a **model PPP initiative**, leveraging private sector expertise in supply chains and logistics for inclusive trade.
    - DP World reaffirmed its commitment to **inclusive and sustainable economic growth** through trade facilitation and capacity-building programmes.
5. **Institutional Context:**
    - WEP, **launched by NITI Aayog in 2018** and transitioned into a **public–private partnership in 2022**, functions as a **national aggregator** for strengthening the women entrepreneurship ecosystem.
    - It addresses six key pillars: **finance, market linkages, training, mentorship, compliance, and business development**.
    - The **ATR initiative (2023)** institutionalises scalable partnerships by connecting ecosystem enablers and celebrating success stories.

Strategic Significance

- Strengthens India's MSME base by integrating women entrepreneurs into global trade and value chains.
- Advances the vision of **Viksit Bharat @2047** by empowering women as drivers of economic transformation.
- Demonstrates effective collaboration between government institutions and global enterprises to address gender gaps in trade.
- Enhances export readiness of Indian women entrepreneurs, positioning them as contributors to India's global trade footprint.

CONCLUSION The **'We Rise' initiative** marks a significant step toward realizing India's goal of **women-led economic empowerment** through entrepreneurship.

PIB 19TH & 20TH OCT 2025

TOPIC 1: WORLD OSTEOPOROSIS DAY 2025 – AYURVEDA'S HOLISTIC APPROACH TO BONE HEALTH

GS PAPER 2: GOVERNANCE, HEALTH / GS PAPER 3: SCIENCE & TECHNOLOGY, PUBLIC HEALTH

Context: On the occasion of **World Osteoporosis Day 2025**, the **Ministry of Ayush** highlighted the growing public health challenge posed by osteoporosis and emphasized Ayurveda's preventive and integrative strategies to strengthen bones and reduce fragility. The disease, often termed a "silent epidemic," affects millions globally and is characterized by reduced bone density and increased fracture risk.

Key Highlights:

1.Understanding Osteoporosis:

- A progressive bone condition marked by **loss of bone strength and density**, often asymptomatic until fractures occur.

- Common fracture sites: **hip, spine, wrist**; symptoms include pain, kyphosis, and slow recovery.

2.Ayurvedic Perspective:

- Osteoporosis is linked to **vitiation of Vata dosha** and the classical concept of **Asthi Saushirya** (porous bones).
- Ayurveda's understanding aligns with modern science on bone demineralization and hormonal changes.

3.Scientific Validation:

- **CCRAS** has initiated studies on Ayurvedic formulations like **Laksha Guggulu** and **Pravala Pishti** for osteoporosis management.
- Emphasis on generating **evidence-based data** for musculoskeletal disorders.

4.Ayurvedic Interventions:

- **Rasayana Therapy:** Rejuvenating treatments to delay degeneration and strengthen bones.
- **Snehana (Therapeutic Massage):** Use of medicated oils (e.g., Mahanarayana Taila, Dashamoola Taila) to nourish joints and bones.
- **Herbal Formulations:** Laksha Guggulu, Maha Yogaraj Guggulu, Mukta Shukti Bhasma for bone healing and strength.
- **Diet & Lifestyle:** Vata-pacifying foods like horse gram, ginger, garlic, green gram, ash gourd; fruits like pomegranate, mango, grapes.
- **Yoga & Exercise:** Asanas to improve flexibility, circulation, and prevent stiffness.

Strategic Significance:

- Promotes **preventive healthcare** and **healthy ageing** through traditional medicine.
- Strengthens India's position in **evidence-based Ayush research** and **global wellness diplomacy**.
- Aligns with **Atmanirbhar Bharat** and **Viksit Bharat @2047** by integrating indigenous health systems into mainstream public health.

TOPIC 2: GOVERNMENT EXPANDS NOTARY CAPACITY IN FOUR STATES UNDER NOTARIES (AMENDMENT) RULES, 2025

GS PAPER 2: GOVERNANCE, LEGAL REFORMS, FEDERAL STRUCTURE/ GS PAPER 2: POLITY – STATUTORY BODIES & LEGISLATIVE FRAMEWORK

Context: The **Department of Legal Affairs**, Ministry of Law and Justice, has notified the **Notaries (Amendment) Rules, 2025** via **G.S.R. 763(E)** dated 17 October 2025. This amendment modifies the **Notaries Rules, 1956**, under powers conferred by **Section 15 of the Notaries Act, 1952**, to increase the number of notaries in four states—**Gujarat, Tamil Nadu, Rajasthan, and Nagaland**—in response to growing demand and administrative needs.

Key Highlights:

1.Amendment Details:

- **Gujarat:** Notary cap increased from **2,900 to 6,000**
- **Tamil Nadu:** From **2,500 to 3,500**
- **Rajasthan:** From **2,000 to 3,000**
- **Nagaland:** From **200 to 400**

2.Legal Basis:

- Amendment made under **Section 15 of the Notaries Act, 1952 (53 of 1952)**.
- Comes into effect from the date of publication in the **Official Gazette**.

3.Rationale:

- Based on requests from respective **State Governments**.
- Reflects increase in **population**, **administrative units** (districts, tehsils, talukas), and **demand for notarial services**.

Strategic Significance:

- Enhances **access to legal services** and **certification infrastructure** at grassroots level.
- Supports **ease of doing business** and **citizen-centric governance** by expanding legal facilitation.
- Strengthens **state-level legal capacity** and aligns with **Digital India** and **Legal Empowerment** goals.
- Promotes **federal responsiveness** by accommodating state-specific administrative growth.

CONCLUSION: The **Notaries (Amendment) Rules, 2025** reflects the government's commitment to **responsive governance**, **legal accessibility**, and **administrative modernization**, ensuring that legal services keep pace with demographic and institutional growth.

TOPIC 3: WCD MINISTRY AWARDED FOR OUTSTANDING CONTRIBUTION TO PMJANMAN IMPLEMENTATION

GS PAPER 2: GOVERNANCE, WELFARE OF VULNERABLE SECTIONS/GS PAPER 2: SOCIAL JUSTICE, TRIBAL DEVELOPMENT

Context: During the **National Conclave on 'Adi Karmayogi Abhiyan'** held at **Vigyan Bhawan, New Delhi**, the **Ministry of Women & Child Development (WCD)** was felicitated for its exceptional contribution to the implementation of the **Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PMJANMAN)**. The award was received by **Shri Anil Malik**, Secretary, WCD Ministry, from the **Hon'ble President of India**.

Key Highlights:

1.PMJANMAN Implementation:

- Over **2,000 Anganwadi Centres** have been made functional in **Particularly Vulnerable Tribal Group (PVTG)** areas.
- These centres serve as critical last-mile institutions for **nutrition, early childhood care, and community empowerment**.

2.Recognition Platform:

- The award ceremony was part of the **Adi Karmayogi Abhiyan**, organized by the **Ministry of Tribal Affairs**.
- Aimed at celebrating and scaling successful models of tribal welfare and administrative outreach.

Strategic Significance:

- Strengthens **inter-ministerial convergence** for tribal development under PMJANMAN.
- Enhances **access to early childhood services** in remote tribal regions, promoting **inclusive development**.
- Reinforces the government's commitment to **last-mile delivery**, especially for **PVTGs**, aligning with the vision of **Viksit Bharat @2047**.
- Recognizes the role of **Anganwadi infrastructure** in bridging gaps in health, nutrition, and education for tribal communities.

Mode : Offline/Online

ESSAY Crash Course

LUKMAAN IAS
...Celebrating 14 years of its establishment

For Mains 2026 | By S Ansari

Total 5 Classes

From:

31st May 2026

Class Time: 5.00 pm - 7.30 pm

Scan to Register

KEY FOCUS AREAS

- ✓ Moving from PESTEL to DEEPHIR
- ✓ Brainstorming on all the 6 major themes through five classes
- ✓ Essay writing practice to remove fear of philosophical essay
- ✓ Imbibing a coherent way of essay writing
- ✓ The key takeaway: Over 50 Popular philosophical quotes/examples on the 6 major themes
- ✓ Material support: A book on essay

Highest Marks and Top Rank from Essay Programs

127 Marks in Essay

PRACHI SINGHAL
AIR 370 CSE 2025
Essay Test Series 2024

119 Marks in Essay

AKANSH DHULL
AIR 03 CSE 2025
Essay Mock Test 2023

117 Marks in Essay

APURVA VERMA
AIR 42 CSE 2025
Essay Test Series 2025

5 DAYS COURSE PLAN

DATE	Time	CLASS	THEME
31st MAY 2026	5:00 to 7:30 pm	STRATEGY SESSION	Understanding the Changing Trend in Essay from PESTEL to DEEPHIR
1st JUNE 2026	Test: 4:00 to 5:30pm Class: 5:30 to 7:30 pm	Class cum writing practice	Philosophical: Rationality, critical thinking, wisdom, truth, knowledge, morality, ethics and values
2nd JUNE 2026	Test: 4:00 to 5:30pm Class: 5:30 to 7:30 pm	Class cum writing practice	Philosophical: Joy, happiness, contentment, love, good life, human nature, success/failure
3rd JUNE 2026	Test: 4:00 to 5:30pm Class: 5:30 to 7:30 pm	Class cum writing practice	Philosophical: Courage, Character, Power, Greed, Corruption, Human actions, ideas, thinking, power of mind, intellect, creativity & innovations.
4th JUNE 2026	Test: 4:00 to 5:30pm Class: 5:30 to 7:30 pm	Class cum writing practice	Applied topics: Geo-strategic, Eco-environment, gender, social justice, technology, AI, education, health & economy

TOPIC 4: WWF-INDIA'S 'GREEN DIWALI' CAMPAIGN PROMOTES SUSTAINABLE FESTIVITIES UNDER MISSION LIFE

GS PAPER 2: GOVERNANCE, ENVIRONMENTAL AWARENESS/GS PAPER 3: ENVIRONMENT, CLIMATE CHANGE, SUSTAINABLE DEVELOPMENT

Context: Ministry of Environment, Forest and Climate Change & **WWF-India's EIACP Programme Centre** launched the **'Green Diwali' Campaign** to promote a **Swachh, Shubh, and Green Diwali** aligned with the ethos of **Mission LiFE (Lifestyle for Environment)**. The initiative builds on the success of the **'Breath of Change – Clean Air, Blue Skies'** campaign, which engaged over **2 lakh citizens** across Delhi.

Key Highlights:

1.Community-Led Action:

- Inauguration of a **'Breathable Art' installation** in Rohini, symbolizing collective action for clean air and a pollution-free future.

2.Eco-Friendly Festive Practices Promoted:

- Use of **biodegradable or upcycled decorations** instead of plastic.
- Creation of **rangoli** using natural ingredients like rice flour, flower petals, turmeric.
- Adoption of **LED lights, solar lanterns, and traditional diyas** to conserve energy.
- Support for **locally made gifts and products** to reduce carbon footprint.
- Avoidance of **single-use plastics** and minimization of festive waste.

3.Public Engagement:

- Citizens encouraged to take a **pledge for a clean, green, and plastic-free Diwali**.
- Campaign fosters **environmental responsibility** while preserving cultural spirit.

Strategic Significance:

- Reinforces India's commitment to **Mission LiFE** and **global climate goals**, especially **SDG 12 (Responsible Consumption and Production)** and **SDG 13 (Climate Action)**.
- Promotes **behavioural change** through community participation and awareness.
- Integrates **environmental values into cultural celebrations**, enhancing sustainability at the grassroots level.

PIB 21ST & 22ND OCT 2025

TOPIC 1: BLACK HOLES AND COSMIC JETS REGULATE STAR FORMATION AND SHAPE GALAXIES

GS PAPER 3: SCIENCE & TECHNOLOGY – SPACE, ASTROPHYSICS/ GS PAPER 1: GEOGRAPHY – UNIVERSE AND GALAXY FORMATION

Context: A new study led by astronomers at the **Indian Institute of Astrophysics (IIA)**, an autonomous institute under the **Department of Science and Technology (DST)**, has revealed how **supermassive black holes** and **cosmic jets** work together to suppress star formation and regulate the evolution of galaxies. The findings provide deeper insights into **negative AGN feedback** and the role of black hole activity in shaping the Universe.

Key Highlights:

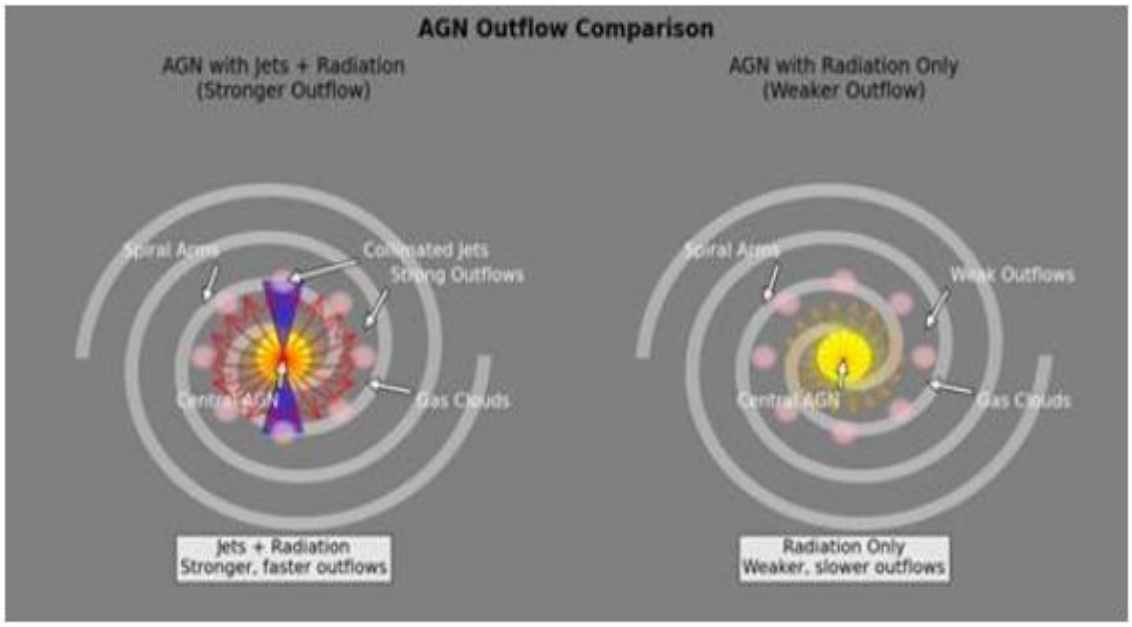
1.Study Focus:

- Investigated **over 500 nearby galaxies** hosting **Active Galactic Nuclei (AGN)** using data from:

- **Sloan Digital Sky Survey (SDSS)** – optical wavelengths.
- **Very Large Array (VLA)** – radio wavelengths.

2.Key Findings:

- **Warm ionized gas outflows** are widespread in AGN.
- **Radiation from black holes** is the primary driver of these outflows.
- **Radio jets** significantly enhance the speed and energy of outflows.
  - Outflows are **twice as likely** in galaxies with radio jets (56%) vs. those without (25%).
  - Speeds reach up to **2,000 km/s**, enough to escape the galaxy's gravitational pull.



3.Scientific Insights:

- Strong correlation between **outflow energy** and **black hole luminosity**.
- **Jets act as boosters**, intensifying gas ejection and feedback effects.
- **Star formation is nearly shut down** in central galactic regions due to these outflows.
- Confirmed via **optical stellar population analysis** and **infrared diagnostics**.

4.Expert Commentary:

- **Payel Nandi**, lead author, emphasized the role of radiation and jets in driving energetic outflows.
- **C. S. Stalin**, co-author, highlighted the importance of **multi-wavelength data** in understanding galaxy evolution.
- **Dhruba J. Saikia**, co-author, noted the study's contribution to understanding the interplay between black holes, jets, and star formation.

Strategic Significance:

- Advances understanding of **galaxy evolution mechanisms** and **AGN feedback**.
- Explains **low star-formation rates** in certain galaxies.
- Enhances India's contribution to **global astrophysical research** and **space science diplomacy**.
- Supports future exploration of **cosmic structure formation** and **interstellar dynamics**.

CONCLUSION: The study by IIA scientists reveals how **supermassive black holes and cosmic jets** collaboratively regulate galactic growth by suppressing star formation & offer a clearer picture of how the Universe evolves and why some galaxies remain dormant in star production.

TOPIC 2: MOCA CELEBRATES 9TH ANNIVERSARY OF UDAN SCHEME – EXPANDING REGIONAL CONNECTIVITY

GS PAPER 2: GOVERNANCE, INFRASTRUCTURE/ GS PAPER 3: ECONOMY – AVIATION SECTOR, INCLUSIVE DEVELOPMENT

Context: The **Ministry of Civil Aviation (MoCA)** celebrated the **9th anniversary of UDAN (Ude Desh Ka Aam Nagrik)**, India's flagship **Regional Connectivity Scheme (RCS)** launched on **21st October 2016** under the **National Civil Aviation Policy**. The celebration was held in New Delhi, chaired by the Civil Aviation Secretary and attended by senior officials from the **Airports Authority of India (AAI)** and MoCA.

About UDAN Scheme:

UDAN (Ude Desh Ka Aam Nagrik) is a government initiative aimed at **making air travel affordable and widespread**, especially in **tier-2 and tier-3 cities**. It operates on a **public-private partnership model**, where airlines are incentivized through **Viability Gap Funding** to operate flights on regional routes. The scheme also promotes **infrastructure development** at underserved airports and enhances **last-mile connectivity**.

Key Highlights:

1.Achievements of UDAN:

- **649 routes operationalized**, connecting **93 unserved and underserved airports**, including **15 heliports** and **2 water aerodromes**.
- Over **1.56 crore passengers** served through **3.23 lakh UDAN flights**.
- **₹4,300 crore disbursed** as **Viability Gap Funding (VGF)** to support airline operators.
- **₹4,638 crore invested** in airport development under RCS.

2.Recent Developments:

- Launch of **UDAN 5.5** – a special bidding round for **seaplanes and helicopters**.
- **Letters of Intent issued for 150 routes**, connecting **30 water aerodromes** across coastal and island regions.
- Introduction of **Comprehensive Guidelines for Seaplane Operations** in August 2024.

3.Future Roadmap:

- Scheme to continue beyond **April 2027** under an **Expanded UDAN Framework**.
- Focus on **hilly, North-Eastern, and aspirational regions**.
- Development of **120 new destinations** planned.

Strategic Significance:

- Democratizes air travel by making it **accessible to common citizens**.
- Boosts **regional economic development**, tourism, and employment.
- Enhances **connectivity in remote and strategic areas**, supporting national integration.
- Aligns with the vision of **Viksit Bharat @2047** by promoting **inclusive and sustainable infrastructure growth**.

TOPIC 3: INDIA RISES TO 9TH GLOBALLY IN FOREST AREA; RETAINS 3RD RANK IN ANNUAL FOREST GAIN

GS PAPER 3: ENVIRONMENT, CONSERVATION, CLIMATE CHANGE / GS PAPER 2: GOVERNANCE – ENVIRONMENTAL POLICY & INTERNATIONAL REPORTS

Context: India has moved up to the **9th position globally in total forest area**, as per the **Global Forest Resources Assessment (GFRA) 2025** released by the **Food and Agriculture Organization (FAO)** in Bali. The country also continues to hold the **3rd rank in annual forest area gain**, reaffirming its commitment to sustainable forest management and ecological balance.

Key Highlights:

1. Global Recognition:

- India's forest area ranking improved from **10th to 9th globally**.
- Maintains **3rd position** in terms of **annual forest area gain**, showcasing consistent afforestation efforts.

2.Government Initiatives:

- Success attributed to proactive policies under the leadership of **Prime Minister Shri Narendra Modi**.
- Programmes focused on **forest protection, afforestation**, and **community-led environmental action**.
- Massive plantation drives by **State Governments** have contributed significantly.

3.Public Engagement:

- The PM's campaign **'Ek Ped Ma Ke Naam'** has inspired widespread public participation in tree planting.
- Growing environmental consciousness among citizens is fostering **collective responsibility** for a greener future.

Strategic Significance:

- Strengthens India's global standing in **climate action and biodiversity conservation**.
- Supports **SDG 13 (Climate Action)** and **SDG 15 (Life on Land)**.
- Reinforces India's role as a **net contributor to global ecological stability**.
- Demonstrates successful integration of **policy, public participation, and federal cooperation** in environmental governance.

CONCLUSION: India's improved ranking in the **GFRA 2025** reflects the success of its **sustainable forest management strategies** and **inclusive environmental policies**.

TOPIC 4: INDIA'S RENEWABLE ENERGY TRANSITION – FROM SPEED TO SYSTEM STRENGTH

GS PAPER 2: GOVERNANCE – ENERGY POLICY

Context: India's renewable energy sector is entering a new phase of strategic transformation. After a decade of rapid capacity expansion, the focus is now shifting toward **system integration, grid stability, and market design** to support the national goal of **500 GW non-fossil capacity by 2030**. The **Ministry of New and Renewable Energy (MNRE)** has outlined this transition as a move from "speed to system strength," ensuring a resilient and sustainable clean energy future.

Key Highlights:

1.From Quantity to Quality:

- Renewable capacity grew from **35 GW in 2014 to over 197 GW** (excluding large hydro) in 2025.
- The sector is now prioritizing **grid integration, energy storage, hybridisation**, and **market reforms**.

2.Multi-Pathway Expansion:

- Over **40 GW of projects** are in advanced stages of securing PPAs, PSAs, or transmission connectivity.
- Capacity addition is progressing via **REIA bids, state bids**, and **commercial/industrial consumers** (expected to add ~6 GW in 2025).

3.Policy Pivot:

- Shift from pure capacity growth to **firm and dispatchable green power**.
- Emphasis on **Battery Energy Storage Systems (BESS)**, **domestic manufacturing**, and **fiscal reforms** (PLI, ALMM, GST recalibration).
- Viability gap funding and sovereign tenders are supporting storage deployment.

4.Transmission Reforms:

- ₹2.4 lakh crore **Transmission Plan for 500 GW** underway.
- HVDC corridors and inter-regional capacity to expand from **120 GW to 168 GW by 2032**.
- **CERC GNA Regulations 2025** introduce dynamic corridor sharing and stricter connectivity norms.

5.Market Instruments:

- **Virtual Power Purchase Agreements (VPPAs)** and **green attribute trading** to deepen demand and investment.
- Integration of **day-ahead and real-time markets** to enhance flexibility and reliability.

6.Next-Gen Initiatives:

- Execution of **hybrid and RTC projects** in Rajasthan, Gujarat, Karnataka.
- Momentum in **offshore wind, pumped hydro**, and **distributed solar** under **PM Suryaghar** and **PM KUSUM**.
- **National Green Hydrogen Mission** linking renewables with industrial decarbonisation.
- Strengthening of **Green Energy Corridor Phase III**.

Strategic Significance:

- Marks India's shift from expansion-led growth to **system-integrated, resilient energy architecture**.
- Enhances **energy security, grid reliability**, and **investment attractiveness**.
- Aligns with **Viksit Bharat @2047**, **SDG 7 (Affordable and Clean Energy)**, and **SDG 13 (Climate Action)**.
- Positions India as a **global leader in clean energy transition**, with institutional maturity and policy continuity.

PIB NOTES – 23RD & 24TH OCTOBER 2025

TOPIC 1: INDIA'S SCIENTIFIC AND TECHNOLOGICAL ADVANCEMENTS

GS Paper Relevance:

- **GS Paper 2:** Governance (Science & Technology Policy, Institutional Coordination)
- **GS Paper 3:** Science & Technology (Innovation, Biotechnology, Quantum Computing, Disaster Management)

Context: Union Minister Dr. Jitendra Singh, along with senior officials from the Ministries of Science & Technology and Earth Sciences, briefed Vice-President Shri C. P. Radhakrishnan at Parliament House on India's recent scientific achievements and strategic initiatives.

Key Highlights:

- **Global Innovation Index Surge:** India rose from **81st (2015)** to **38th (2025)** in the Global Innovation Index, reflecting a robust innovation ecosystem.
- **Breakthroughs in Frontier Technologies:**
    - **Quantum Computing** and **Cybersecurity Systems**
    - **BharatGenAI** – India's indigenous large language model
    - **Vaccine Development** – showcasing biotech leadership
- **Meteorology & Climate Science:**
    - Enhanced **weather forecasting capabilities**
    - Focus on **ocean studies** and **disaster risk mitigation**
- **Youth & Ethical Research Focus:**
    - Promotion of **ethical biotechnology research**
    - Encouragement for **youth participation** in scientific careers
- **Industry & Global Collaboration:**
    - Strengthening **industry-academia partnerships**
    - Emphasis on **global scientific cooperation** to boost India's blue economy

Strategic Significance:

- India's rise in global rankings and patent filings reflects its transition to a **knowledge-based economy**.
- Engagement with global partners enhances India's **soft power** and leadership in frontier technologies.
- Inspiring youth to pursue science ensures a **future-ready workforce** aligned with national development goals.
- Improved forecasting and ocean studies contribute to **risk mitigation and sustainable development**.
- Focus on ethics and inclusivity strengthens **public trust** in science and technology.

CONCLUSION: With strategic investments in frontier technologies and youth engagement, India is poised to become a **scientific superpower** by 2047.

TOPIC 2: AMENDMENTS TO IT RULES, 2021

GS Paper Relevance:

GS PAPER 2: GOVERNANCE (E-GOVERNANCE, REGULATORY FRAMEWORKS, DIGITAL RIGHTS)

GS PAPER 3: CYBERSECURITY, IT & DIGITAL INFRASTRUCTURE

Context: The Ministry of Electronics and Information Technology (MeitY) notified amendments to **Rule 3(1)(d)** of the **Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021**, introducing enhanced safeguards for the removal of unlawful online content by intermediaries. The amended rules will come into effect from **15th November 2025**.

Key Highlights:

- **Senior-Level Authorisation:** Only senior officers (Joint Secretary or equivalent; DIG in case of police) can issue content removal directions, ensuring accountability.
- **Reasoned Intimation:** Directions must specify:
  - Legal basis and statutory provision
  - Nature of unlawful act
  - Specific URL or electronic identifier of the content.
    This replaces vague "notifications" with precise "reasoned intimations".
- **Periodic Review Mechanism:** All removal orders will be reviewed monthly by an officer not below the rank of **Secretary** in the Appropriate Government.
- **Balance of Rights and Responsibilities:** The framework ensures enforcement actions are **transparent**, **proportionate**, and **lawful**, protecting citizens' constitutional rights.
- **Clarity for Intermediaries:** Intermediaries receive detailed guidance, improving compliance and reducing ambiguity.

Strategic Significance:

- Aligns with **Section 79(3)(b)** of the IT Act, reinforcing the principle of "actual knowledge" and lawful restrictions.
- Ensures content removal is not arbitrary and subject to checks and balances.
- Enhances trust among users, platforms, and regulators by institutionalising accountability.
- Balances freedom of expression with the need to curb unlawful content, contributing to a secure digital environment.

CONCLUSION: The amendments to Rule 3(1)(d) of the IT Rules, 2021 ensure that content moderation by intermediaries is **lawful, proportionate, and rights-respecting**, strengthening India's commitment to a **safe and inclusive digital future**.

TOPIC 3: INDIA RE-ELECTED AS VICE-CHAIRPERSON OF COP10 BUREAU – COMMITMENT TO CLEAN SPORT

GS Paper Relevance:

- **GS Paper 2:** International Relations, Governance (Sports Policy, Global Cooperation)
- **GS Paper 4:** Ethics (Integrity in Sport, Values Education)

Context: India participated in the **10th Session of the Conference of Parties (COP10)** to the **International Convention against Doping in Sport**, held at **UNESCO Headquarters, Paris (20–22**

October 2025). India was re-elected as **Vice-Chairperson of the COP10 Bureau** for the Asia-Pacific region, reaffirming its commitment to clean sport and ethical governance.

Key Highlights:

- India re-elected as **Vice-Chairperson (Group IV – Asia-Pacific)** for the term **2025–2027**. Azerbaijan elected Chairperson; Brazil, Zambia, and Saudi Arabia elected Vice-Chairs for other regions.
- Led by **Shri Hari Ranjan Rao (Secretary, Sports)** and **Shri Anant Kumar (DG, NADA)**. Engaged with delegates from **190+ States Parties**, IOC, WADA, African Union, and other global bodies.
- India facilitated **Interactive Boards** showcasing the journey of the Anti-Doping Convention.
- **Key Discussions:**
    - Strengthening governance and compliance under the Convention
    - Financing the **Fund for Elimination of Doping in Sport**
    - Addressing emerging challenges: **gene manipulation**, **traditional pharmacopoeia**, and **ethics in sport**
    - Successfully advocated for integrating **Values Education through Sport (VETS)** to promote ethics, integrity, and youth engagement in sport.

Strategic Significance:

- Re-election to COP10 Bureau reflects India's growing stature in **global sports governance** and anti-doping leadership.
- VETS approach aligns with India's emphasis on **value-based education**, fostering integrity among youth and sport institutions.
- Enhances India's role in shaping reforms for **compliance, transparency, and strategic communication** in global sport.
- Positions India as a responsible stakeholder in promoting **fair play, ethics, and clean sport** on international platforms.

CONCLUSION: India's re-election as Vice-Chairperson of the COP10 Bureau and its proactive engagement at UNESCO reaffirm its commitment to **clean, ethical, and inclusive sport**.

TOPIC 4: BHARAT INTERNATIONAL RICE CONFERENCE (BIRC) 2025

GS Paper Relevance:

- **GS Paper 2:** Governance (Agricultural Policy, Cooperative Federalism)
- **GS Paper 3:** Economy & Agriculture (Agri-Exports, Food Security, Innovation)

Context: The Ministry of Commerce & Industry announced the **Bharat International Rice Conference (BIRC) 2025**, to be held on **30–31 October 2025** at **Bharat Mandapam, Pragati Maidan, New Delhi**. The event aims to showcase India's leadership in the global rice trade and promote sustainable, inclusive, and innovation-driven growth in the rice sector.

Key Highlights:

- Participation from Foreign Ministers of the Philippines, Ghana, Namibia, and The Gambia; over **1,000 foreign buyers**, **3,000 farmers/FPOs**, and **2,500 exporters** expected.
- **Economic Impact:**
    - Target to unlock **₹1.80 lakh crore** in new rice markets
    - **₹25,000 crore** worth of export MoUs expected

- **Organisers & Partners:**
  - Organised by **Indian Rice Exporters' Federation (IREF)** and **APEDA**
  - Supported by Ministries of Agriculture, Food Processing, Cooperation, and State Governments (e.g., Telangana, Meghalaya, Odisha)
- **Vision & Roadmap Document:** To be developed post-conference based on stakeholder consultations and technical sessions, coordinated by the Department of Commerce, APEDA, IREF, ICAR, and IRRI.
- **AgriTech & Innovation:**
  - Launch of **India's first AI-based rice sorting technology**
  - Dedicated **Women Entrepreneur, Startup & MSME Pavilion** showcasing innovations across the agri-value chain
- **State Showcases:**
  - **Meghalaya**: Traditional rice varieties like Pnah Iong, Mynri, Mangsang
  - **Telangana**: Premium export varieties like Telangana Sona, BPT 5204, MTU 1010
- **Global Rice Context:**
  - India produced **150 million tonnes** of rice in 2024–25
  - Exported **20.1 million metric tonnes** worth **USD 12.95 billion** to **172 countries**
  - Rice is the **third most-traded food commodity**, valued at **USD 330 billion**
- **Culinary Diplomacy:**
  - Culinary Experience Zone with chef demos and tasting counters
  - Country-specific dishes matched with Indian rice varieties (e.g., Sushi with Chakhao, Nasi Goreng with Nagri Dubraj)
- **Institutional Strengthening:**
  - MoUs for agri-research placements
  - Launch of **Incubation & Agricultural Research Centre** in New Delhi
  - Promotion of **DGFT's Trade Connect e-Platform** for exporters

Strategic Significance:

- Positions India as a central player in global food security and agri-export diplomacy.
- Focus on climate-resilient farming, water-efficient cultivation, and soil health.
- AI-based sorting, blockchain traceability, and digital marketplaces enhance competitiveness.
- Women entrepreneurs, MSMEs, and smallholder farmers gain visibility and market access.
- Promotes India's rice heritage through GI-tagged varieties and international cuisine integration.

CONCLUSION: BIRC 2025 conference strengthens India's role in shaping a **sustainable, inclusive, and globally integrated agri-economy**.

TOPIC 5: LAUNCH OF ICGS AJIT AND ICGS APARAJIT

GS Paper Relevance:

- **GS Paper 2:** Governance (Defence Infrastructure, Maritime Strategy)
- **GS Paper 3:** Security & Defence (Coastal Security, Indigenous Defence Production)

Context: The Indian Coast Guard (ICG) launched two advanced **Fast Patrol Vessels (FPVs)**—**ICGS Ajit** and **ICGS Aparajit**—at **Goa Shipyard Limited (GSL)** on **24th October 2025**. These are the seventh and

eighth vessels in a series of eight indigenously built FPVs, aimed at enhancing India's coastal surveillance and maritime response capabilities.

Key Highlights:

- **Indigenous Design & Build:** Both FPVs are designed and built by **Goa Shipyard Limited**, showcasing India's growing self-reliance in defence manufacturing.
- **Technical Specifications:**
  - Length: **52 metres**
  - Displacement: **320 tonnes**
  - Equipped with **Controllable Pitch Propellers (CPP)**—first of their kind in this class in India
  - Superior manoeuvrability and propulsion efficiency
- **Multi-Mission Capabilities:**
  - **Fisheries protection**
  - **Coastal patrol**
  - **Anti-smuggling and anti-piracy operations**
  - **Search & rescue missions**, especially around island territories and EEZ
- **Launch Ceremony:**
  - Vessels launched by **Smt. Manju Sharma**
  - Chief Guest: **Dr. Mayank Sharma**, Financial Advisor (Defence Services)
  - Attended by senior officials from ICG and GSL
- **Industrial Impact:**
  - Boosts **domestic industry**, **employment generation**, and the **MSME ecosystem**
  - Reinforces GSL's role in building next-gen indigenous defence platforms

Strategic Significance:

- Expands ICG's fleet of high-speed platforms, improving operational readiness across India's vast coastline.
- Aligns with **Aatmanirbhar Bharat** by strengthening India's indigenous shipbuilding capabilities.
- Enhances surveillance and response in critical maritime zones including island territories and EEZ.
- Supports local manufacturing and innovation, contributing to defence sector employment and capacity building.

TOPIC 6: DELIVERY OF 'MAHE' – FIRST ANTI-SUBMARINE WARFARE SHALLOW WATER CRAFT BUILT BY CSL

GS Paper Relevance:

- **GS Paper 2:** Governance (Defence Infrastructure, Maritime Strategy)
- **GS Paper 3:** Security & Defence (Naval Capabilities, Indigenous Defence Production)

Context: The Indian Navy received **'Mahe'**, the first of eight **Anti-Submarine Warfare Shallow Water Crafts (ASW SWC)** being built by **Cochin Shipyard Limited (CSL), Kochi**, on **23rd October 2025**. The vessel is named after the historic port town of **Mahe** in Puducherry, symbolising India's maritime heritage.

Key Highlights:

- **Indigenous Design & Build:** 'Mahe' is indigenously designed and constructed by **CSL**, reflecting India's growing self-reliance in naval shipbuilding.
- **Technical Specifications:**
  - Length: **78 metres**
  - Displacement: **~1,100 tons**
  - Equipped for **underwater surveillance**, **Low Intensity Maritime Operations (LIMO)**, **ASW operations**, and **Mine Laying**
- **Combat Capabilities:**
  - Armed with **torpedoes**, **Multifunctional Anti-Submarine Rockets**, and **advanced radars and sonars**
- **Indigenous Content:** Over **80% indigenous components**, aligning with the vision of **Aatmanirbhar Bharat**

Strategic Significance:

- Enhances Indian Navy's ability to detect and neutralize underwater threats in coastal waters.
- Improves India's preparedness in littoral zones, vital for safeguarding strategic maritime interests.
- Reinforces India's naval industrial base and supports domestic shipbuilding expertise.
- Naming the vessel after Mahe reflects India's cultural and historical maritime legacy.

CONCLUSION: The delivery of **'Mahe'** exemplifies the nation's commitment to **Aatmanirbhar Bharat** in defence production.

PIB 25TH & 26TH OCTOBER 2025

TOPIC 1: PRIME MINISTER'S PARTICIPATION IN THE 22ND ASEAN-INDIA SUMMIT

GS Paper Relevance

- **GS Paper II** – International Relations, Bilateral & Multilateral Groupings, India and its Neighbourhood

Context: The 22nd ASEAN-India Summit was held virtually on **26 October 2025**, with Prime Minister Shri Narendra Modi participating. The Summit focused on reviewing the progress of ASEAN-India relations and strengthening the **Comprehensive Strategic Partnership**.

Key Highlights

- **Timor Leste** welcomed as the **11th Member of ASEAN**; India extended support for its human development.
- PM reaffirmed India's commitment to **ASEAN Unity**, **Centrality**, and the **ASEAN Outlook on Indo-Pacific**.
- Congratulated ASEAN on adopting the **ASEAN Community Vision 2045**.
- Called for **early review of the ASEAN-India FTA (AITIGA)** to unlock economic potential.
- Stressed **unity against terrorism** as a global imperative.

Major Announcements:

- Support for **ASEAN-India Plan of Action (2026–2030)**.
- Adoption of **Joint Leaders' Statement on Sustainable Tourism**.

- Declaration of **2026 as ASEAN-India Year of Maritime Cooperation**.
- Proposal for:
  - **Second ASEAN-India Defence Ministers' Meeting**
  - **Second ASEAN-India Maritime Exercise**
- India to continue as **First Responder** in regional crises; enhanced cooperation in **Disaster Preparedness and HADR**.
- **Training of 400 professionals** in renewable energy to support **ASEAN Power Grid**.
- Extension of **Quick Impact Projects (QIPs)** to **Timor Leste**.
- Proposal to establish a **Centre for Southeast Asian Studies at Nalanda University**.
- Continued cooperation in **education, energy, S&T, fintech, cultural preservation**, and expansion into **infrastructure, semiconductors, emerging tech, rare earths, and critical minerals**.
- Hosting of **East Asia Summit Maritime Heritage Festival** at **Lothal, Gujarat**, and a **conference on Maritime Security Cooperation**.

Strategic Significance

- Reinforces India's **Act East Policy** and its role as a **trusted regional partner**.
- Deepens **economic, security, and cultural ties** with ASEAN.
- Promotes **blue economy**, **maritime security**, and **sustainable tourism**.
- Strengthens India's image as a **developmental and humanitarian leader** in the Indo-Pacific.
- Enhances India's **soft power** through education, cultural diplomacy, and regional capacity-building.

CONCLUSION: Through 22nd ASEAN-India Summit, India continues to play a pivotal role in shaping a **secure, inclusive, and sustainable Indo-Pacific**.

TOPIC 2: LBSNAA AND DEPARTMENT OF LAND RESOURCES ORGANISE NATIONAL WORKSHOP ON NAKSHA PROGRAMME

GS Paper Relevance

- **GS Paper II** – Governance, Land Reforms, E-Governance
- **GS Paper III** – Infrastructure, Technology in Governance

Context: The **Department of Land Resources (DoLR)**, in collaboration with **LBSNAA's B N Yugandhar Centre for Rural Studies (BNYCRS)**, is conducting a **two-day national workshop** on **NAKSHA (National Geospatial Knowledge-based Land Survey of Urban Habitations)** for District Magistrates and Collectors on **27–28 October 2025** in Mussoorie. The workshop aims to build administrative and technical readiness for NAKSHA's pilot implementation across **28 states and 3 UTs**.

Key Highlights

- **Programme Overview**: Presented by **Shri Kunal Satyarthi**, Joint Secretary, DoLR.
- **Technical Sessions**:
  - Workflow and data acquisition led by **Shri S K Sinha**, Additional Surveyor General of India.
  - **Web-GIS portal demo** by **MPSEDC**.
- **State-Level Experience Sharing**:
  - Presentations by senior officials from **Gujarat, Andhra Pradesh, Karnataka, Kerala, Assam, and Madhya Pradesh**.

- **Legal and Administrative Framework**:
  - Sessions by **Shri N. K. Sudhanshu (DG, YASHADA)** and **Shri S. Chockalingam (CEO, Maharashtra)**.
- **Ground-Truthing Demo**: Conducted by the **Survey of India**.

Strategic Significance

- Prepares District Collectors for **nationwide rollout** of NAKSHA, enhancing **urban land record modernization**.
- Promotes **technical capacity-building** in GIS and modern survey techniques.
- Facilitates **inter-state learning** through best practice sharing.
- Strengthens **legal and administrative frameworks** for geospatial land governance.
- Aligns with **Digital India**, **Ease of Doing Business**, and **urban planning reforms**.

PIB 27TH & 28TH OCTOBER 2025

GS Paper Relevance

- **GS Paper II** – Governance, Cooperative Federalism
- **GS Paper III** – Blue Economy, Fisheries, Infrastructure, Inclusive Growth

TOPIC 1: INAUGURATION OF DEEP SEA FISHING VESSELS UNDER PRADHAN MANTRI MATSYA SAMPADA YOJANA

Context: On **27 October 2025**, **Union Home Minister and Minister of Cooperation Shri Amit Shah** inaugurated **Deep Sea Fishing Vessels** under the **Pradhan Mantri Matsya Sampada Yojana (PMMSY)** at **Mazgaon Dock, Mumbai**. The event marks a major step in strengthening India's **blue economy** and promoting **cooperative-based development** in the fisheries sector.

Key Highlights

- **Launch of Deep Sea Trawlers**:
  - Two trawlers inaugurated; **14 trawlers** to be provided initially.
  - Trawlers can stay in deep sea for **25 days**, carry **20 tons of fish**, and are equipped with **living and dining facilities**.
  - Larger ships planned for **transport and coordination**.
- **Cooperative Model for Fisheries**:
  - Transition from **salary-based employment** to **profit-sharing cooperative ownership**.
  - Profits from fishing operations to reach **fishermen households directly**.
  - Inspired by successful cooperative models in **dairy (Amul)** and **sugar mills**.
- **Infrastructure & Support**:
  - Plans for **fish processing units**, **chilling centers**, **export vessels**, and **collection ships** through cooperatives.
  - Ministry of Cooperation to lead efforts in **maritime sector development**.
- **Production Growth**:
  - Fisheries production increased from **102 lakh tonnes (2014–15)** to **195 lakh tonnes**.
  - Freshwater fisheries grew by **119%**; maritime production rose from **35 to 48 lakh tonnes**.

- **Vision for Coastal Empowerment**:
    - Focus on empowering **poor coastal communities** through economic self-reliance.
    - Emphasis on **human-centric development**, not just GDP metrics.

Strategic Significance

- Strengthens India's **blue economy** and **marine resource utilization**.
- Promotes **inclusive growth** through cooperative ownership and profit-sharing.
- Enhances **fisheries infrastructure** and export potential.
- Aligns with **Atmanirbhar Bharat**, **PMMSY**, and **cooperative federalism**.
- Empowers coastal communities, contributing to **rural prosperity and national development**.

CONCLUSION: By integrating infrastructure, technology, and community ownership, India is poised to transform its fisheries sector into a **pillar of inclusive and sustainable growth**.

TOPIC 2: INDIAN NAVY SET TO COMMISSION 'IKSHAK', THE THIRD SURVEY VESSEL (LARGE)

GS Paper Relevance

- **GS Paper II** – Governance, Security Forces & Maritime Strategy
- **GS Paper III** – Indigenisation of Defence, Disaster Management, Science & Technology

Context: The Indian Navy will commission **'Ikshak'**, the third indigenously built **Survey Vessel (Large)**, on **06 November 2025** at **Naval Base Kochi**. The commissioning ceremony will be presided over by **Admiral Dinesh K Tripathi**, Chief of the Naval Staff. The vessel represents a major milestone in India's pursuit of **hydrographic excellence** and **self-reliance in defence manufacturing**.

Key Highlights

- **Indigenisation & Manufacturing**:
    - Built by **Garden Reach Shipbuilders & Engineers (GRSE)**, Kolkata.
    - Over **80% indigenous content**, showcasing collaboration between GRSE and Indian MSMEs.
    - Supervised by **Directorate of Ship Production** and **Warship Overseeing Team (Kolkata)**.
- **Capabilities & Roles**:
    - Primary role: **Hydrographic survey operations**.
    - Dual-role capability: Functions as a **Humanitarian Assistance and Disaster Relief (HADR)** platform and **Hospital Ship** during emergencies.
    - First SVL ship with **dedicated accommodation for women**, reflecting inclusivity and future-readiness.
- **Symbolism**:
    - Name **'Ikshak'** means **'The Guide'**, symbolising its mission to chart unknown waters and ensure safe maritime navigation.

Strategic Significance

- Enhances India's **maritime domain awareness** and **hydrographic capabilities**.
- Strengthens **disaster response infrastructure** and **medical support** in maritime emergencies.
- Promotes **gender inclusion** in naval operations.
- Reinforces India's commitment to **Aatmanirbhar Bharat** in defence production.

- Contributes to **blue economy** and **safe navigation** for commercial and strategic maritime operations.

CONCLUSION: The commissioning of **Ikshak** marks a significant step in India's journey toward **indigenous naval capability**, **inclusive defence infrastructure**, and **strategic maritime empowerment**.

TOPIC 3: SECL RELEASES INDIA POST SPECIAL COVER COMMEMORATING COAL INDIA'S GOLDEN JUBILEE AND SECL'S RUBY JUBILEE

GS Paper Relevance

- **GS Paper II** – Governance, Public Sector Undertakings
- **GS Paper III** – Energy, Infrastructure, Industrial Development

Context: On **28 October 2025**, **South Eastern Coalfields Limited (SECL)**, a subsidiary of **Coal India Limited (CIL)**, released a **Special Cover and Cancellation Cachet** in collaboration with **India Post**, commemorating **Coal India's 50 years** and **SECL's 40 years** of contribution to India's energy sector. The initiative was part of **Special Campaign 5.0**, focused on institutional achievements and public sector excellence.

Key Highlights

- **Ceremony** attended by:
  - **Shri P. M. Prasad**, Chairman, Coal India Limited
  - **Shri Harish Duhan**, CMD, SECL
  - Functional Directors, Chief Vigilance Officer, and senior officials from **India Post (Chhattisgarh Postal Circle)**.
- **Special Cover Significance**:
  - A **collectible philatelic item** celebrating industrial milestones.
  - Symbolizes **Coal India's legacy** and **SECL's operational excellence**.
- **Coal India Achievements**:
  - World's **largest coal-producing company**.
  - Met over **70% of India's coal demand** since 1975.
  - Achieved **record coal production** in FY 2024–25, contributing to **1 billion tonnes** milestone.
- **SECL Contributions**:
  - Operates in **Chhattisgarh and Madhya Pradesh**.
  - Home to **Gevra Mine**, Asia's largest coal mine.
  - Known for **technological advancement**, **sustainable mining**, and **CSR initiatives** in health, education, skill development, and ecological restoration.
- **Special Campaign 5.0 Context**:
  - Focused on **cleanliness**, **record management**, and **celebrating public sector achievements**.

Strategic Significance

- Reinforces the role of **PSUs in nation-building** and **energy security**.
- Promotes **institutional legacy** through public engagement and philately.
- Highlights India's progress in **sustainable industrial development**.
- Strengthens public awareness of **coal sector contributions** to economic growth.

CONCLUSION: The release of the India Post Special Cover by SECL reflects the government's commitment to **honouring institutional excellence**, fostering **public sector pride**, and advancing the vision of **inclusive and sustainable growth**.

TOPIC 4: MINISTRY OF COAL TO LAUNCH "KOYLA SHAKTI" – SMART COAL ANALYTICS DASHBOARD

GS Paper Relevance

- **GS Paper II** – Governance, E-Governance, Digital India
- **GS Paper III** – Energy, Infrastructure, Technology in Public Services

Context: The **Ministry of Coal** is set to launch **"Koyla Shakti"**, a **Smart Coal Analytics Dashboard (SCAD)**, on **29 October 2025** at The Oberoi Hotel, New Delhi. The launch will be graced by **Shri G. Kishan Reddy**, Minister of Coal and Mines. This initiative marks a major step in **digital transformation** and **data-driven governance** in the coal sector, aligning with the **Digital India** vision of Prime Minister Shri Narendra Modi.

Key Highlights

- **Purpose**: To provide a **unified, real-time digital interface** for monitoring coal production, transportation, and supply.
- **Stakeholder Integration**:
    - Coal producing companies and private miners.
    - Ministries: Coal, Railways, Power, Finance, Ports, Shipping & Waterways, Road Transport & Highways.
    - State Departments (e-Khanij platforms).
    - Power generation companies and industrial coal consumers.
    - Port authorities and private coal-handling terminals.

Key Features:

1. **Unified Visibility**: Integration of diverse data sources into one dashboard.
2. **Real-Time Monitoring**: Live tracking of coal operations.
3. **Data-Driven Decision Making**: Analytical tools for policy and operational decisions.
4. **Incident Response**: Alerts and notifications for timely issue resolution.
5. **Standardization**: Uniform metrics and reporting formats.
6. **Operational Efficiency**: Reduced manual errors and simplified reporting.
7. **Scalability**: Future-ready for integration with additional systems.
8. **Transparency & Accountability**: Performance visibility for all stakeholders.
9. **Policy Planning & Forecasting**: Insights for demand forecasting and strategic planning.

Strategic Significance

- Enhances **transparency, efficiency, and coordination** in coal governance.
- Supports **evidence-based policymaking** and operational oversight.
- Strengthens India's **energy security** and resource management.
- Aligns with **Atmanirbhar Bharat** and **Digital India** missions.
- Builds **public trust** through technology-enabled governance.

CONCLUSION: The launch of **Koyla Shakti** by integrating real-time analytics and multi-stakeholder data, the Ministry of Coal is setting a benchmark for **smart resource management**, reinforcing India's commitment to **digital empowerment**, **sustainability**, and **inclusive growth**.

TOPIC 5: WAVEX COLLABORATES WITH T-HUB TO BOOST INDIA'S MEDIA-TECH STARTUP ECOSYSTEM

GS Paper Relevance

- **GS Paper II** – Governance, Government Initiatives, Startup Ecosystem
- **GS Paper III** – Innovation, Technology, AVGC-XR Sector, Media & Entertainment

Context: On **28 October 2025**, **WaveX**, the startup accelerator under the **Ministry of Information & Broadcasting**, signed an **MoU with T-Hub**, the world's largest startup hub, to strengthen India's **AVGC-XR (Animation, Visual Effects, Gaming, Comics, and Extended Reality)** ecosystem. The collaboration aims to foster innovation, mentorship, and global market access for media-tech entrepreneurs.

Key Highlights

- **MoU Signing**:
  - Formalized between CEOs of WaveX and T-Hub.
  - Witnessed by **Shri Sanjay Jaju**, Secretary, Ministry of I&B, and **Shri Sanjay Kumar**, Special Chief Secretary, ITE&C Department, Government of Telangana.
- **WaveX Vision**:
  - National accelerator platform under the **WAVES initiative**.
  - Supports startups in **media, entertainment, and immersive tech**.
  - Hosted over **100 startups** at the **WAVES Summit (May 2025)** for pitching and networking.
- **T-Hub Role**:
  - Anchor Institution for WaveX.
  - Supports **2,000+ startups** through incubation, funding, and infrastructure.
  - Hosts programs like **iDEX**, **AIC**, and **MATH**.
- **Planned Expansion**:
  - WaveX to establish **10 Innovation Hubs** across India.
  - Focus on **structured incubation**, **mentorship**, and **creator-to-enterprise transition**.
- **Support for Creators**:
  - Empowers young creators to scale globally.
  - Builds a **scalable, inclusive ecosystem** for India's next-gen innovators.

Strategic Significance

- Catalyzes growth in India's **creative economy** and **AVGC-XR sector**.
- Promotes **startup innovation**, **digital entrepreneurship**, and **global competitiveness**.
- Aligns with **Atmanirbhar Bharat**, **Digital India**, and **Ease of Doing Business**.
- Strengthens India's position as a **global hub for media-tech innovation**.

CONCLUSION: The WaveX–T-Hub partnership marks a transformative step in building a **robust, future-ready media-tech startup ecosystem**.

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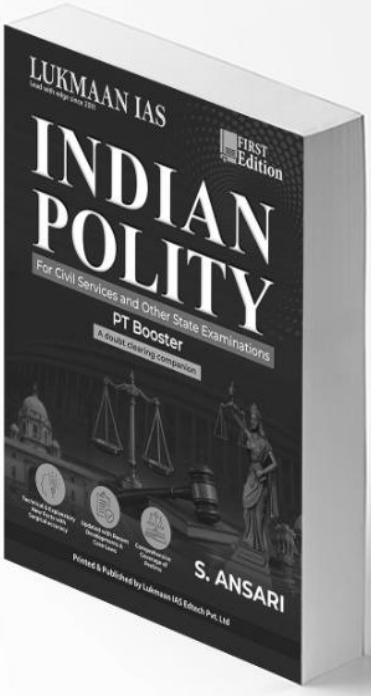

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TOPIC 6: PRESIDENT MURMU ADDRESSES EIGHTH SESSION OF THE ISA ASSEMBLY

GS Paper Relevance

- **GS Paper II** – International Relations, Global Institutions, India and Global South
- **GS Paper III** – Environment, Renewable Energy, Science & Technology

Context: On **28 October 2025**, **President of India, H.E. Smt. Droupadi Murmu** delivered the **first-ever presidential address** at the **Eighth Session of the International Solar Alliance (ISA) Assembly** held at **Bharat Mandapam, New Delhi**. The event hosted representatives from **137 countries**, including **30 Ministers and Vice Ministers**, ahead of **COP30** in Brazil.

Key Highlights

- **President Murmu's Address**:
  - Called for **inclusive solar development**, ensuring no woman, farmer, village, or small island is left behind.
  - Urged ISA to link solar energy with **job creation, women's leadership, rural livelihoods**, and **digital inclusion**.
  - Emphasized **ecological balance**, **technology sharing**, and **people-centric metrics** for solar progress.
- **India's Solar Leadership**:
  - India achieved **50% installed capacity from non-fossil sources** 5 years ahead of its 2030 target.
  - Avoided ₹4 lakh crore in fossil fuel imports and pollution-related costs.
  - Produced over **1,08,000 GWh** of solar electricity.
- **ISA Strategic Pillars**:
  - **Catalytic Finance Hub**
  - **Global Capability Centre & Digitisation**
  - **Regional & Country-Level Engagement**
  - **Technology Roadmap & Policy**
- **Major Launches & Initiatives**:
  - **SUNRISE** – Solar Upcycling Network for Recycling, Innovation & Stakeholder Engagement.
  - **OSOWOG Programme** – Driving regional solar interconnections.
  - **Global Capability Centre** – Hub-and-spoke model for solar innovation.
  - **ISA Academy** – AI-driven online learning platform for solar knowledge.
- **MoU for SIDS Procurement Platform**:
  - Signed by 16 Small Island Developing States (SIDS) in partnership with **World Bank Group**.
- **ISA Knowledge Products Released**:
  - *Ease of Doing Solar 2025*
  - *Solar PV Skills and Jobs in Africa*
  - *Solar Compass: Integrated PV Applications*
  - *Global Floating Solar Framework*
  - *Global Solar Trends & Outlook 2025*

Strategic Significance

- Positions India and ISA as **global leaders in solar diplomacy** and **South–South cooperation**.
- Promotes **inclusive, resilient, and sustainable energy transitions**.
- Strengthens India's role in shaping **global climate action** ahead of COP30.
- Demonstrates India's commitment to **technology sharing**, **capacity building**, and **solar innovation**.

CONCLUSION: Through ISA, India is transforming the voice of the Global South into **actionable solutions**, illuminating lives and empowering communities worldwide.

PIB NOTES – 29TH & 30TH OCTOBER 2025

TOPIC 1: NATIONAL FPO SAMAGAM 2025

GS PAPER III – AGRICULTURE, INCLUSIVE GROWTH, INFRASTRUCTURE, E-GOVERNANCE

Context: The Ministry of Agriculture & Farmers Welfare is organizing the **National FPO Samagam 2025** on **30th–31st October 2025** at the NCDC and NCUI Complex, New Delhi. The event celebrates the achievements under the **Formation and Promotion of 10,000 Farmer Producer Organizations (FPOs) Scheme**.

Key Highlights

- Participation of **500+ farmers** from **24 States and 140 districts**.
- **267 FPOs** showcasing products; **57 stalls** at NCDC premises.
- Display includes grains, pulses, millets, spices, oilseeds, fruits, vegetables, honey, tea, coffee, dairy, organic produce, and value-added items like pickles, jams, jaggery, herbal products, nuts, and traditional foods.
- Emphasis on **"One India – One Agriculture"** showcasing unity in diversity.
- Technical sessions and panel discussions on:
    - **Oilseed Production & Value Addition**
    - **Water Use Efficiency & Sustainable Irrigation** (Ms. Archana Verma, AS & MD, NWM)
    - **Natural Farming & Market Opportunities** (NMNF)
    - **Agriculture Infrastructure Fund (AIF)** – Credit & Infrastructure
    - **Honey Production & Marketing** (NBB)
    - **Digital Commerce & Market Access** (Flipkart)
    - **Fertilizer & Pesticide Management** (HIL)
    - **Agmark Certification** (DMI)
    - **Seed Production & Marketing** (NSC)
    - **Buyer–Seller Interaction** for partnerships
- Felicitation of high-performing FPOs, CBBOs, and Implementing Agencies.
- Dedicated **Buyer-Seller Meet** for direct market linkages.

Strategic Significance

- Strengthens **farmer collectivization** and **entrepreneurship**.
- Promotes **value addition**, **digital inclusion**, and **market-driven agriculture**.
- Enhances **access to credit**, **infrastructure**, and **certification**.
- Aligns with **PM's vision** of empowering farmers as **producers, providers, and partners**.
- Supports **One India – One Agriculture** ethos, fostering unity in diversity.
- Boosts **rural transformation** and **agri-tech adoption**.

TOPIC 2: SAMRIDDH GRAM PHYGITAL SERVICES PILOT PROJECT

GS PAPER II – GOVERNANCE, E-GOVERNANCE, DIGITAL INDIA/ GS PAPER III – INFRASTRUCTURE, INCLUSIVE GROWTH, TECHNOLOGY

Context: The **Department of Telecommunications (DoT)**, through **Telecom Centres of Excellence (TCoE)**, signed agreements with implementation partners to launch the **Samriddh Gram Phygital Services Pilot Project** in three villages across Madhya Pradesh, Uttar Pradesh, and Andhra Pradesh. The initiative aims to integrate physical and digital services to empower rural citizens using BharatNet infrastructure.

Key Highlights

- **Villages Selected**:
  - **Ari & Umri** (Madhya Pradesh) – Partner: Digital Empowerment Foundation
  - **Chaurawala** (Uttar Pradesh) – Partner: I-Novate Infotech Pvt. Ltd.
  - **Narakoduru** (Andhra Pradesh) – Partner: Corpus Enterprises Pvt. Ltd.
- **Samriddhi Kendras**:
  - Serve as integrated digital service hubs in each village.
- **Services Offered**:
  - **Education & Skilling**: Smart classrooms, AR/VR learning, digital skilling aligned with government schemes.
  - **Agriculture**: IoT-based soil testing, drone support, smart irrigation.
  - **Healthcare**: Teleconsultations, Health ATMs, emergency care.
  - **e-Governance**: Assisted access to citizen services, documentation, grievance redressal.
  - **E-Commerce**: Integration with ONDC and digital marketplaces.
  - **Financial Inclusion**: Digital banking and payments.
  - **Connectivity Backbone**: BharatNet FTTH, Village Area Network, public Wi-Fi hotspots.

Strategic Significance

- Bridges the **digital divide** in rural India through a **phygital model**.
- Empowers rural citizens with **access to essential services** via digital infrastructure.
- Strengthens **Digital India** at the grassroots level.
- Creates a **replicable and scalable model** for nationwide rollout.
- Promotes **public–private partnerships** and convergence of services.

CONCLUSION: The Samriddh Gram Phygital Services Pilot Project by leveraging BharatNet and strategic partnerships, lays the foundation for a **digitally empowered rural India**.

TOPIC 3: INDIA SURPASSES 500 GW INSTALLED CAPACITY

GS PAPER III – ENERGY, INFRASTRUCTURE, ENVIRONMENT, ECONOMY

Context: India's power sector has achieved two historic milestones:

- Total installed electricity capacity crossed **500 GW** (500.89 GW as of 30 September 2025).
- On **29 July 2025**, renewable energy met **51.5% of total electricity demand**, marking the first time green sources supplied more than half of India's power needs in a single day.

Key Highlights

- **Installed Capacity Breakdown**:
  - **Non-fossil fuel sources**: 256.09 GW (51% of total)

        - Solar: 127.33 GW
        - Wind: 53.12 GW
        - Hydro & Nuclear included
    - **Fossil-fuel-based sources**: 244.80 GW (49%)
- **Capacity Addition (FY 2025–26, April–Sept)**:
    - Non-fossil: 28 GW
    - Fossil-fuel: 5.1 GW
- **Record Day – 29 July 2025**:
    - Total demand: 203 GW
    - Renewable share: 51.5%
        - Solar: 44.50 GW
        - Wind: 29.89 GW
        - Hydro: 30.29 GW
- **COP26 Panchamrit Goal Achieved Early**:
    - Target: 50% installed capacity from non-fossil sources by 2030
    - Achieved: 2025 (5 years ahead of schedule)
- **Employment Impact**:
    - Growth in jobs across manufacturing, installation, maintenance, and innovation in renewable energy.

Strategic Significance

- Positions India as a **global leader in clean energy transition**.
- Enhances **energy security**, **grid stability**, and **climate resilience**.
- Supports **Atmanirbhar Bharat** through domestic capacity building.
- Contributes to **SDG 7 (Affordable and Clean Energy)** and **SDG 13 (Climate Action)**.
- Demonstrates successful implementation of **policy-driven green growth**.

TOPIC 4: REIMAGINING MANUFACTURING: INDIA'S ROADMAP TO GLOBAL LEADERSHIP IN ADVANCED MANUFACTURING

GS PAPER III – ECONOMY, INFRASTRUCTURE, SCIENCE & TECHNOLOGY, EMPLOYMENT/ GS PAPER II – GOVERNANCE, POLICY INTERVENTIONS

Context: NITI Aayog's **Frontier Tech Hub** unveiled a strategic roadmap titled **"Reimagining Manufacturing: India's Roadmap to Global Leadership in Advanced Manufacturing"**.

Key Highlights

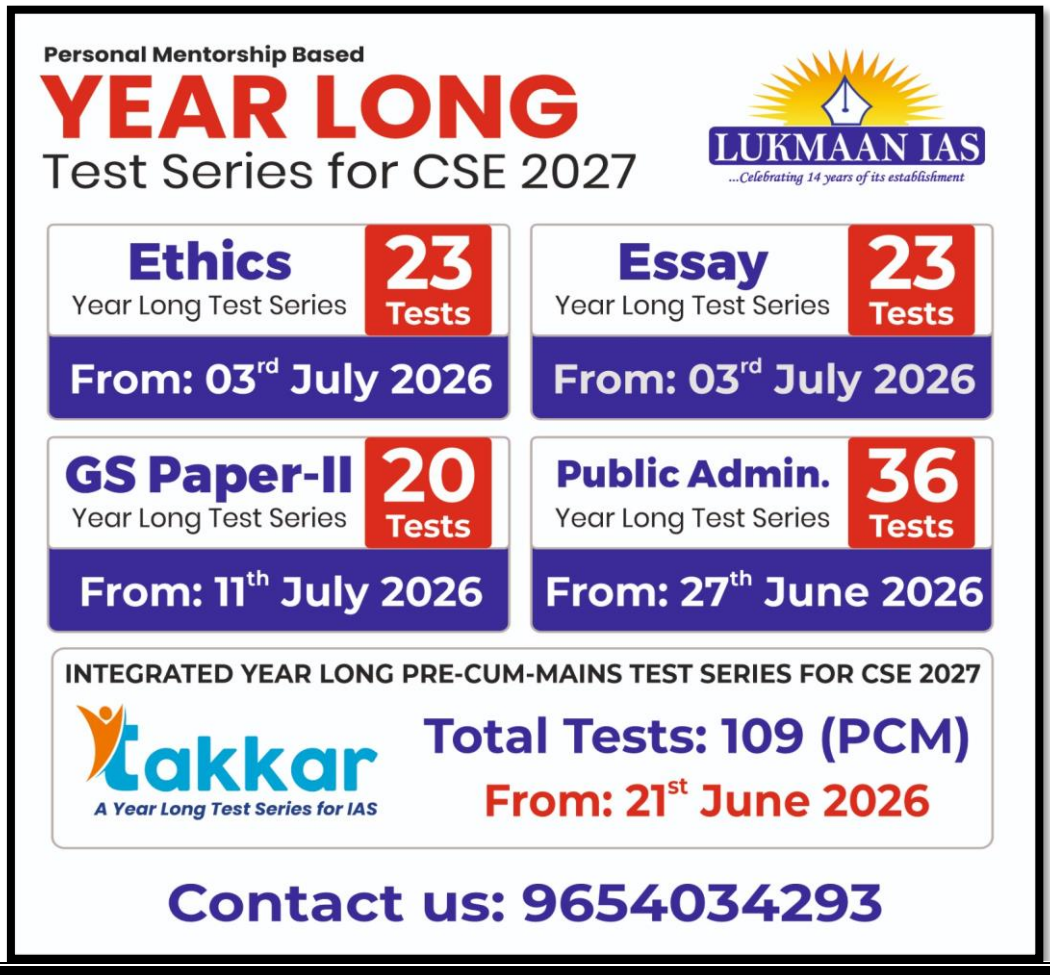
- **Vision**:
    - Elevate manufacturing to contribute **25% of India's GDP** by 2035.
    - Create **100 million jobs**.
    - Position India among the **top 3 global hubs** for advanced manufacturing by 2035.
- **Frontier Technologies Identified**:
    - **Artificial Intelligence & Machine Learning**
    - **Advanced Materials**
    - **Digital Twins**
    - **Robotics**

- **Sectoral Focus**:
  - Roadmap maps implications across **13 priority manufacturing sectors**.
  - Developed in collaboration with **CII**, **Deloitte**, and an **Expert Council**.
- **Strategic Interventions Proposed**:
  - Strengthening **R&D ecosystems**
  - Upgrading **industrial infrastructure**
  - Workforce development
  - Scaled deployment of frontier technologies
  - Time-bound implementation over a **10-year horizon**
- **Economic Risk Warning**:
  - Failure to adopt frontier tech could result in a **loss of $270 billion by 2035** and **$1 trillion by 2047** in manufacturing GDP.
- **State-Level Leadership**:
  - Maharashtra to fully align with the **National Mission on Manufacturing** and lead the transformation.

Strategic Significance

- Aligns with **Viksit Bharat @2047** vision for industrial transformation.
- Embeds **technology into India's manufacturing DNA** for global competitiveness.
- Promotes **precision, resilience, and sustainability** in production.
- Strengthens India's position in global value chains and innovation ecosystems.
- Supports **employment generation**, especially in high-tech and skilled sectors.

CONCLUSION: The roadmap by NITI Aayog marks a **paradigm shift in India's manufacturing strategy**, integrating frontier technologies to build a globally competitive, innovation-driven industrial base.



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