



12 September, 2024

## Fundamental Duties

**Context:** The Supreme Court recently heard a plea urging clear laws for enforcing constitutional fundamental duties.

### ➤ Overview:

- The Attorney General highlighted that enforcing fundamental duties requires ongoing legislative and executive efforts, not just constitutional amendments.
- The Supreme Court adjourned a plea for directives on fundamental duties, noting their non-justiciable nature.
- **Fundamental Duties** are added by the 42nd Amendment Act of 1976, Part IV-A of the Indian Constitution.
- **Purpose:** To remind citizens of their responsibilities towards the nation, complementing fundamental rights.
- **Inspiration:** Based on the **Constitution** of the former USSR.

### ➤ List of Fundamental Duties

- **Respect the Constitution:** Uphold constitutional ideals.
- **National Symbols:** Respect the flag and anthem.
- **Defend the Country:** Serve in defence services if required.
- **Promote Harmony:** Foster unity and brotherhood among people.
- **Preserve the Environment:** Protect natural resources.
- **Develop Scientific Temper:** Cultivate humanism and inquiry.
- **Safeguard Public Property:** Protect public assets and avoid violence.
- **Strive for Excellence:** Aim for excellence in all areas of activity.

### ➤ Objectives

- **Encourage Civic Responsibility:** Foster commitment among citizens.
- **Complement Rights:** Remind citizens of their duties alongside their rights.
- **Promote National Integration:** Support unity and respect for national symbols.

### ➤ Challenges

- **Non-Justiciable:** Fundamental duties cannot be enforced by the judiciary.
- **Lack of Legal Framework:** No specific laws enforce these duties, limiting practical implementation.
- **Need for Legislation:** Effective enforcement requires legislative frameworks and policies.
- **Judicial Limits:** Courts can guide but not enforce specific actions.

### ➤ Sardar Swaran Singh Committee

- **Formation:** 1976

- **Recommendation:** Inclusion of Fundamental Duties in the Constitution.
- **Purpose:** Ensure citizens fulfil moral obligations towards the nation.
- **Outcome:** Recommendations led to the addition of Fundamental Duties in Part IV-A of the Constitution by the 42nd Amendment Act of 1976.

## AI in military

**Context:** At the recent REAIM summit in Seoul, 60 nations endorsed AI military guidelines, excluding China.

### ➤ Overview:



- Recently, 60 nations endorsed AI military guidelines at the REAIM summit in Seoul, with China not participating.
- The previous summit in The Hague involved around 60 nations endorsing a non-binding "call to action."
- The updated blueprint reflects advancements like Ukraine's use of AI-enabled drones and includes measures to prevent AI proliferation of WMDs and ensure human control in nuclear weapons use.

### ➤ AI Applications in Defence

- **Intelligence, Surveillance, and Reconnaissance (ISR):**
  - **Enhanced Data Analysis:** AI improves the analysis of vast amounts of data from satellites, drones, and sensors, enhancing situational awareness.
  - **Real-time Surveillance:** AI systems process live video feeds to detect anomalies, improving surveillance capabilities.
- **Autonomous Vehicles and Drones:**
  - **AI-enabled Drones:** These drones are used for reconnaissance, surveillance, and targeted strikes and can operate autonomously or semi-autonomously in complex environments.

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- **Self-driving Military Vehicles:** AI is used in autonomous tanks and supply vehicles to reduce human risk and improve operational efficiency.
  - **Logistics and Inventory Management:**
    - **Predictive Maintenance:** AI predicts equipment failures before they occur, ensuring timely maintenance and reducing downtime.
    - **Supply Chain Optimization:** AI optimizes logistics routes and manages inventory efficiently.
  - **Cybersecurity:**
    - **Threat Detection:** AI systems detect and respond to cyber threats in real-time, protecting military networks and data.
    - **Behavioural Analysis:** AI monitors network traffic for unusual patterns that may indicate a security breach.
  - **Decision Support Systems (DSS):**
    - **Strategic Planning:** AI aids in military planning by simulating various scenarios and outcomes.
    - **Tactical Decision-making:** AI provides commanders with actionable insights and recommendations during operations.
  - **Training and Simulation:**
    - **Virtual Training Environments:** AI-driven simulations offer realistic training experiences for soldiers and strategists.
    - **Performance Analysis:** AI assesses performance during training to identify areas for improvement.
- **Advantages**
- **Increased Efficiency and Accuracy:**
    - **Precision Targeting:** AI enhances the accuracy of targeting systems, reducing collateral damage and increasing mission success rates.
    - **Faster Decision-making:** AI processes data quickly, allowing for faster and more informed decision-making.
  - **Enhanced Operational Capabilities:**
    - **24/7 Surveillance:** AI systems provide continuous monitoring without fatigue, improving security and operational readiness.
    - **Autonomous Operations:** AI reduces the need for human presence in dangerous or inaccessible areas.
  - **Improved Logistics and Maintenance:**
    - **Predictive Analytics:** AI anticipates equipment needs and potential failures, optimizing maintenance schedules and supply chains.
  - **Advanced Threat Detection:**
    - **Cybersecurity:** AI improves the ability to detect and mitigate cyber threats, protecting critical military infrastructure.
- **Cost Savings:**
    - **Operational Costs:** AI reduces human resource requirements and increases the lifespan of equipment through predictive maintenance.
- **Indian Government Initiatives**
- **AI Task Force:** The Indian government has established an AI Task Force to explore and promote AI applications in various sectors, including defence.
  - **Defence Research and Development Organisation (DRDO):** DRDO is working on integrating AI into defence systems for better surveillance, autonomous systems, and data analysis, and collaborates with technology firms and research institutions.
  - **National AI Portal:** The portal outlines the strategic vision for AI in India, including its application in the defence sector, and provides funding and support for related research and development projects.
  - **Defence Production Policy:** This policy encourages innovation and the adoption of advanced technologies, including AI, in defence production.
  - **International Collaboration:** India participates in international forums and collaborations focused on the responsible use of AI in military contexts.
- **REAIM Summit Goals**
- **Global Governance:** The summit aims to develop agreed norms for the military use of AI to prevent misuse and ensure responsible applications.
  - **Long-term Impact:** It seeks to shape the future of military AI by addressing its risks and benefits through international cooperation.

## Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY)

**Context:** Recently, the Union Cabinet approved health coverage for all seniors aged 70 and above under AB PM-JAY.

➤ **Overview:**



- Recently, the Union Cabinet approved ₹5 lakh health cover for all seniors aged 70 and above.
- The scheme covers 6 crore seniors, fulfilling a BJP promise, with new AB PM-JAY cards issued.
- AB PM-JAY is the world's largest publicly funded health scheme, offering ₹5 lakh per family annually to 55 crore individuals.

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- The scheme now covers 37 lakh ASHAs/AWWs/AWHs and their families and provides ₹5 lakh healthcare coverage for all citizens aged 70+.
- **Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)**
- **Overview**
  - **Launch Date:** September 23, 2018
  - **Location:** Ranchi, Jharkhand
  - **Objective:** To provide accessible and affordable healthcare; world's largest government-funded health scheme targeting over 50 crore beneficiaries.
  - **Significance: Universal Health Coverage (UHC):** A step towards comprehensive and converged secondary and tertiary care service delivery.
- **Key Benefits**
  - **Coverage:** Up to ₹5 lakh per family per year for secondary and tertiary care hospitalisation.
  - **Beneficiaries:** Covers 10.74 crore vulnerable families (approximately 50 crore individuals).
  - **Service Access:** Cashless and paperless at point of service.
  - **Financial Protection:** Aims to reduce catastrophic health expenditure and mitigate financial risk from health episodes.
- **Features**
  - **Continuum of Care:** Combines Health and Wellness Centres (HWCs) for primary care and AB-PMJAY for secondary and tertiary care.
  - **HWCs:** 1,50,000 centres for Comprehensive Primary Health Care (CPHC), maternal and child health, and non-communicable diseases.
  - **PMJAY:** Provides health protection for secondary and tertiary care.
- **Implementation**
  - **Empanelled Health Care Providers (EHCP):** Network of public and private hospitals for cashless services.
  - **Coverage:** Includes 1350 procedures, diagnostics, and medicines.
- **Progress and Development**
  - **MOUs Signed:** 30 states and UTs have signed agreements; pilot launches in around 22 states/UTs.
  - **Pilot Launch:** Tests IT systems and state preparedness with over 1280 hospitals.
  - **Training:** Pradhan Mantri Aarogya Mitras (PMAMs) trained to assist beneficiaries.
- **IT Systems**
  - **Beneficiary Identification System (BIS):** Developed for verification at service points.
  - **Transaction Management System (TMS):** Facilitates hospital transactions and claims.
- **Beneficiary Identification**
  - **Common Service Centres (CSCs):** Used for identifying beneficiaries and sending personalized letters.

## NEWS IN BETWEEN THE LINES

### National Florence Nightingale Award



Yesterday, on 11<sup>th</sup> of September, the President of India conferred the National Florence Nightingale Awards 2024 to Nurses at Rashtrapati Bhavan in New Delhi.

#### About National Florence Nightingale Award:

- The National Florence Nightingale Award was **instituted by the Ministry of Health and Family Welfare in the year 1973.**
- This award is given as a mark of recognition for the meritorious services rendered by the **nurses and nursing professionals** to society.
- The award includes a **cash prize of ₹50,000**, along with a **certificate** and a **medal.**
- The award is given to outstanding Nursing personnel employed in Central, **State/UTs**, **Private**, **Missionary and Voluntary Organizations.**
- The National Florence Nightingale Awards honour nursing excellence across categories like **Auxiliary Nurse, Midwife, Lady Health Visitors and Nurses.**

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## Inner Line Permit



Recently, in Nagaland, the State Government has approved the implementation of the Inner Line Permit (ILP) in Chumoukedima, Niuland and Dimapur districts.

### About the Inner Line Permit:

- The Inner Line Permit (ILP) is an **official travel document** that **allows Indian citizens to enter protected areas** in certain Northeastern states for a limited time.
- The Inner Line Permit system is implemented in the states of Arunachal Pradesh, Nagaland, Manipur and Mizoram.
- Citizens of these states are exempt and visitors cannot overstay beyond the ILP's permitted duration.
- It originated from the Bengal Eastern Frontier **Regulation Act of 1873**, which was **introduced by the British** to protect the indigenous population of tribal hill areas.
- **Foreign tourists require a Protected Area Permit (PAP)**, which differs from the ILP for Indian citizens.
- The purpose of the Inner Line Permit is to **regulate movement**, protect indigenous communities and **preserve local culture, customs and security** by controlling demographic influx.

## Bhadra Tiger Reserve



Recently, the invasive weed *Mikania micrantha* has been rapidly spreading in Bhadra Tiger Reserve (BTR) and threatening its biodiversity.

### About Bhadra Tiger Reserve:

- The Bhadra Tiger Reserve is located in the **Western Ghats of Karnataka**.
- The reserve is **shaped like a saucer** and has undulating terrain with **valleys and steep hillocks**.
- The area was **first declared as the Jagara Valley Wildlife Sanctuary in 1951** and then **renamed to Bhadra Wildlife Sanctuary in 1974**.
- It was declared the 25th **Project Tiger Reserve of India in 1998**.
- The reserve is located near **the river Bhadra and its tributaries**.
- **Flora:** The reserve has **dry-deciduous, moist-deciduous, shola** along with **teak, rosewood, mathi, honne, nandi** and various medicinal plants.
- **Fauna:** The reserve is home to **tigers, leopards, dholes, Indian civet** and ungulates like **gaur, sambar, elephants** and barking deer.

## Personality in News Govind Ballabh Pant



Recently, Govind Ballabh Pant was remembered on his birth anniversary.

### Govind Ballabh Pant (10 September 1887-7 March 1961):

Govind Ballabh Pant, an eminent Indian Freedom fighter and **first CM of Uttar Pradesh** was born in Khoont village near Almora, Utrakhand (then part of the United Provinces).

### Contributions:

- Govind Ballabh Pant was actively involved in **India's independence movement**, participating in the **Non-Cooperation and Civil Disobedience Movements**.
- He represented revolutionaries like Ramprasad Bismill in the Kakori Conspiracy case and was imprisoned for organizing the **Salt March** and signing the **Quit India Movement** resolution.
- He played a pivotal role in establishing **Hindi** as the official language of India and introduced major reforms in the panchayat system and agriculture.

### Awards and Honours:

- Govind Ballabh Pant was awarded the **Bharat Ratna** (India's highest civilian honor) in **1957**.
- Numerous institutions, including the **Govind Ballabh Pant University of Agriculture and Technology**, Govind Ballabh Pant Engineering College, and **Govind Ballabh Pant Social Science Institute**, have been named in his honour to commemorate his contributions to India.

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## POINTS TO PONDER

- Recently, more than 100 cases of malnourished children have been reported from which tribe in Baran district of Rajasthan?  
– **Sahariya**
- In which Indian state will the country's first silicon carbide manufacturing facility be set up, recently announced by the state Chief Minister? – **Odisha**
- At which shipyard were the two anti-submarine warfare shallow watercraft vessels, INS Malpe and INS Mulki, of the Indian Navy recently launched? – **Cochin Shipyard**
- Which community's 54 settlements will be connected through roads in north Chhattisgarh under the Prime Minister JANMAN scheme?  
– **Pahadi Korwa Tribe**
- Which spacecraft recently completed a flyby of Mercury and is expected to begin orbiting the planet in 2026? – **BepiColombo**

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