

# FINDER

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## FORTUNE IAS NEWS DAILY EXPLAINER

### Rights, justice, action for India's women farmers

**Prelims:** General Studies Paper - 1  
Economic and Social Development-Sustainable Development, Poverty, Inclusion, Demographics, Social Sector Initiatives, etc.

**Mains:** General Studies - 1  
Role of women and women's organization, population and associated issues

#### 1. Background

- **March 8, 2026 (International Women's Day)** highlights equal rights for women, and **2026 is the International Year of the Woman Farmer**.
- Despite **equal inheritance laws**, most rural land remains registered in men's names.
- Women manage farm work but often **lack legal recognition as farmers**, limiting access to schemes and institutional support.

#### 2. Key Challenges

- **Lack of land rights:** Women farmers without land titles struggle to access **credit, insurance, irrigation and extension services**.
- **Feminisation of agriculture:** Male migration has increased women's farming roles without matching **rights or institutional support**.
- **High work and health burden:** Heavy workloads and lack of **labour-saving technologies** cause health stress and micronutrient deficiencies.
- **Nutrition crisis:** Rural women face **high anaemia and malnutrition**, affecting their well-being.
- **Intergenerational impact:** Maternal undernutrition contributes to **low birth weight, stunting and poor child development**.
- **Policy gaps:** Asset-based eligibility and cereal-centric food systems limit women's access to welfare programmes.

- **Access barriers:** Administrative hurdles and digital exclusion further restrict women's ability to benefit from these schemes.

#### 4. Way Forward

- **Recognise women farmers:** Collect **gender-disaggregated data** and adopt an inclusive farmer definition that recognises cultivators beyond landowners.
- **Strengthen land rights:** Promote joint land titles, enforce inheritance rights and encourage land registration in women's names.
- **Nutrition-sensitive food systems:** Promote nutri-cereals, pulses, fruits and vegetables through **public distribution channels**, Anganwadis and school meals.
- **Community-led initiatives:** Support kitchen gardens, **women's seed banks** and local food planning to improve diet diversity.
- **Access to technology and services:** Provide **labour-saving tools**, training and extension support to reduce drudgery and improve productivity.

### Balancing innovation with women's digital safety

**Prelims:** General Studies Paper - 1  
Current events of national and international importance

**Mains:** General Studies - 2  
Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security

#### 1. Context

- After the **India AI Impact Summit 2026**, **discussions on artificial intelligence have intensified**, especially around ethical AI and women's digital safety.
- With increased internet access, **16–58% of women experience online harassment and abuse**.
- **Digital anonymity and technology make it difficult to prevent doxxing** and online abuse.

Doxxing is **derived from the word “dropping dox”**. It is a **form of online harassment involving the publication of personal information** about an individual without their consent.

## 2. Deepfakes and Ethical AI Concerns

- Deepfakes are **AI-generated fake images, audio, or videos** that make it appear someone said or did something they never did.
- **Grok AI, developed by xAI, has been misused** to create non-consensual sexualised images of women.
- In India, **women already face deep social inequalities** and widespread violence.
- **Easy access to deepfake tools and online anonymity** encourages abusive behaviour.
- There is a growing need for ethical and responsible use of AI.

## 3. Women's Representation and Regulation in AI

- **Women form only 22% of AI professionals** and less than 14% in senior roles.
- **Many deepfake tools are created mainly by men** and often target women.
- **Lack of women in AI development leads to less diverse viewpoints** in innovation.
- **Greater participation of women can make AI more effective** and safer online.
- **India requires better enforcement of rules**, including removal of deepfakes within 3 hours of notice.

## 4. Digital Safety and Ethical AI Awareness

- **About one in three internet users are children**, making early digital safety education important.
- **Children and youth must be educated about digital abuse and AI misuse** from an early stage.
- **Resisting technological change like AI is not practical** as it is becoming part of daily life.
- Advancing technology must ensure women's digital safety and ethical AI use.

## New formula: On Formula One and net carbon zero plan

**Prelims:** General Studies Paper - 1  
General issues on Environmental ecology, Biodiversity and Climate Change.

**Mains:** General Studies - 3

Awareness in the fields of IT, Space, Computers, robotics, nano-technology, bio-technology and issues relating to intellectual property rights.

## 1. Growth and Popularity of Formula One

- **Formula One (F1)** is experiencing a **golden period** with **record race attendance, high viewership, and increasing team valuations**.
- The **2025 Drivers' Championship** was highly competitive and decided in the **final race with three drivers competing for the title**.
- **Lando Norris (McLaren)** won the title, finishing ahead of **Oscar Piastri** and **Max Verstappen** (four-time champion).
- The new season begins with the **Australian Grand Prix in Melbourne**.

## 2. F1's Shift Towards Sustainability

- In **2019**, F1 announced a goal to achieve **net carbon zero by 2030**.
- From **2026**, a new **hybrid engine formula** will be introduced by the **Fédération Internationale de l'Automobile (FIA)**.
- The new engines will combine **conventional internal combustion engines and electric motors equally**.
- Cars will run on **advanced sustainable fuels** made from **carbon capture, municipal waste, and non-food biomass** instead of crude oil.
- **The battery for the electric motor will be charged by harvesting energy lost during braking**

## 3. Industry Participation and Challenges

- The new rules have attracted major **automobile manufacturers** such as **Audi, Honda, and Ford** to participate.
- Motorsports often act as a **research and development platform** for new **automotive technologies**.

- However, during **pre-season testing**, drivers felt the new cars were **energy-limited** and harder to push to their limits.
- The challenge for F1 is to maintain **exciting and competitive racing** while achieving **sustainability goals**.

## KEYWORDS

### Gems and Jewellery Export Promotion Council (GJEPC)

- The Gems and Jewellery Export Promotion Council (GJEPC) is the **apex body of India's gem and jewellery industry, supported by the Ministry of Commerce & Industry**.
- It **mainly promotes exports of Indian gems and jewellery** in international markets.
- The **council provides market information to members** on foreign trade inquiries, tariffs, import duties, and jewellery exhibitions.
- **Headquartered in Mumbai**, it has regional offices across India and more than 7,500 members.
- It also **organises international jewellery shows, buyer-seller meets, and implements the Kimberley Process Certification Scheme** in India.
- The **Kimberley Process Certification Scheme (KPCS) is an international, UN-backed initiative launched in 2003 to prevent "conflict diamonds"**; rough diamonds used by rebel movements to fund wars from entering the mainstream market

### Central Administrative Tribunal (CAT)

- CAT was established under **Article 323A** through the **Administrative Tribunals Act, 1985**.
- It adjudicates **disputes** related to recruitment and service conditions of persons employed in **public services** and posts under the **Union Government** and its authorities.
- The tribunal was created to reduce the burden on regular courts and provide **speedy and specialized justice in service matters**.

- CAT consists of a **Chairman, Judicial Members, and Administrative Members**, and each Bench normally includes one **Judicial Member and one Administrative Member**.
- It currently functions through **multiple benches and circuit benches** across India, with the **Principal Bench located in New Delhi**.
- The tribunal follows the **principles of natural justice** and is **not strictly bound by the Civil Procedure Code**.
- It has the **power to punish for contempt**, similar to the powers of a High Court.
- After the **L. Chandra Kumar v. Union of India**, **decisions of CAT can be challenged** before the respective High Courts under Articles 226 and 227 of the Constitution.

### Fédération Internationale de l'Automobile (FIA)

- The **Fédération Internationale de l'Automobile (FIA) was established in 1904** to create **common rules and safety standards for motor sport**.
- It serves as the **governing body of world motor sport** and also represents major **mobility organisations** worldwide.
- In the **mobility sector**, the FIA works to promote **safe, sustainable, affordable, and accessible transport** for all road users and participates in **global road safety advocacy**.
- In **motor sport**, the FIA ensures that competitions around the world follow **fair regulations and high safety standards**.
- In **1950**, the FIA launched the **Formula One World Championship**, marking its rise as a major authority in **global motorsports**.
- Today it governs several championships, including **Formula One, the World Rally Championship, endurance racing, and alternative energy racing series**.