SATYADHEESH
सत्याधीश

UPSC DAILY DETAILED NOTES

Current Affairs · 7 November 2026

40	5	GS1 · 3 GS2 · 8 GS3 · 29
NOTES	STORIES MERGED	PAPER MIX

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Every note, grouped by paper

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Economy	4
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HOW EACH NOTE READS

Why in news → facts to remember → a Mains question with keywords. Duplicate stories are merged.

SHORT ON TIME?

The 5-page **Brief** has the stories that matter most, plus a quiz. Same day, same notes.

GS1 History · Society · Geography

3 NOTES

History & Culture

2

ART, ARCHITECTURE & CULTURE P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149393 · Report a mistake

Ministry of Culture declares Ranivas Mound in Bihar an archaeological site of national importance

WHY IN NEWS The Ministry of Culture declared the Ranivas Mound in Bihar's East Champaran district as an archaeological site of national importance via a gazette notification.

- PLACE: Ranivas Mound is located in the East Champaran district of Bihar.
- BODY: The Archaeological Survey of India (ASI) is the body responsible for the care of 3,686 sites across India.
- ACT / BILL: The Ancient Monuments and Archaeological Sites and Remains (AMASR) Act, 1958, governs the declaration of sites of national importance.
- FACT: The Ranivas Mound site covers an area of 1.63 acres.

MAINS Q *Discuss the significance of declaring archaeological sites of national importance in preserving India's cultural heritage and the role of the AMASR Act in this process.*

USE: Cultural Heritage | Archaeological Survey of India | AMASR Act | Heritage Conservation | Site Preservation

ART, ARCHITECTURE & CULTURE P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/149355 · Report a mistake

Karnataka approves Sannati Development Authority Bill to transform sites into international heritage destinations

WHY IN NEWS The Karnataka government approved the Sannati Development Authority Bill, 2026, to establish a statutory framework for transforming Sannati and Kanaganahalli into international heritage destinations.

- ACT / BILL: Sannati Development Authority Bill, 2026: approved by the Karnataka government
- PLACE: Sannati and Kanaganahalli: sites identified for development into international heritage destinations
- FACT: The bill mandates land acquisition and approvals to prevent unregulated construction

MAINS Q *Discuss the importance of statutory frameworks in balancing infrastructure development with the preservation of archaeological and cultural heritage sites in India.*

USE: Statutory framework | Heritage conservation | Infrastructure development | Land acquisition | Cultural tourism

Geography

1

DISTRIBUTION OF NATURAL RESOURCES M

7 Nov · The Hindu · satyadheesh.in/upsc/note/148939 · Report a mistake

AP High Court order prompts interim guidelines to curb illegal mining in State

WHY IN NEWS Chief Secretary G. Sai Prasad issued interim guidelines to strengthen inter-departmental coordination against illegal mining following AP High Court directions on a petition by Amanchi Krishna Mohan.

- FACT: 2,113 sand violation cases registered between July 2024 and July 2026
- FACT: ₹6.24 crore in penalties imposed by the Mines & Geology Department
- POST: G. Sai Prasad serves as the Chief Secretary

MAINS Q *Discuss the institutional challenges in curbing illegal mining and the role of inter-departmental coordination in ensuring resource sustainability.*

USE: inter-departmental coordination | regulatory oversight | resource governance | enforcement gap | penal action

GS2

Polity · Governance · Social Justice · IR

8 NOTES

Polity & Constitution

1

PANCHAYATI RAJ & URBAN LOCAL BODIES P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/149031 · Report a mistake

Calcutta High Court halts Kolkata Municipal Corporation election notifications pending ward delimitation petition

WHY IN NEWS The Calcutta High Court stayed the West Bengal State Election Commission's notifications for Kolkata Municipal Corporation elections pending a petition by Dipu Das challenging the ward delimitation from 144 to 209.

- BODY | West Bengal State Election Commission: Body responsible for conducting municipal elections in the state.
- FACT | Kolkata Municipal Corporation ward count: Increased from 144 to 209 following a government delimitation exercise.
- PLACE | Calcutta High Court: The judicial body that stayed the election notifications.

MAINS Q *Examine the significance of ward delimitation in urban local governance and the role of judicial oversight in ensuring fair electoral processes.*

USE: Ward Delimitation | Urban Local Bodies | Judicial Review | Electoral Integrity | Municipal Governance

Social Justice

4

HEALTH POLICY & PUBLIC HEALTH P 2 REPORTS MERGED

7 Nov · The Hindu · satyadheesh.in/upsc/note/149274 · Report a mistake

NMC approves 424 additional postgraduate medical seats in Andhra Pradesh for 2026-27 academic year

WHY IN NEWS The National Medical Commission (NMC) approved 424 additional postgraduate medical seats in Andhra Pradesh for the 2026-27 academic year to expand medical training opportunities.

- BODY | National Medical Commission (NMC) is the body responsible for approving medical seats.
- FACT | Andhra Pradesh total postgraduate medical seats increased to 4,196 for the 2026-27 academic year.
- PLACE | The seat expansion applies to both government and private colleges in Andhra Pradesh.

MAINS Q *Discuss the challenges in expanding postgraduate medical infrastructure in India and its implications for improving rural healthcare delivery.*

USE: Healthcare Infrastructure | Medical Education | Human Resource Development | Public Health Policy

HEALTH POLICY & PUBLIC HEALTH P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149303 · Report a mistake

Kerala to provide Risdiplam for spinal muscular atrophy patients across all districts

WHY IN NEWS Kerala Health Minister K. Muraleedharan announced the expansion of Risdiplam medicine distribution to all districts to treat spinal muscular atrophy patients.

- FACT | Risdiplam is the medicine being provided for spinal muscular atrophy patients.
- PLACE | Current free medication availability is limited to Thiruvananthapuram and Kozhikode.
- POST | K. Muraleedharan is the Health Minister of Kerala.

MAINS Q *Discuss the significance of decentralizing specialized healthcare services and medicine distribution in improving health outcomes for patients with rare genetic disorders in India.*

USE: Universal Health Coverage | Decentralized Healthcare | Rare Diseases | Public Health Infrastructure | Accessibility

EDUCATION POLICY P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149120 · Report a mistake

Tamil Nadu CM orders ₹2,000 crore for Vetri Laptop Scheme to enhance student skills

WHY IN NEWS Tamil Nadu CM C. Joseph Vijay ordered the sanctioning of ₹2,000 crore for the Vetri Laptop Scheme to enhance technological skills for college students.

- SCHEME Vetri Laptop Scheme: A Tamil Nadu state initiative to provide laptops to undergraduate and diploma students.
- FACT Budget sanctioned: ₹2,000 crore for the Vetri Laptop Scheme.
- BODY ELCOT: Electronics Corporation of Tamil Nadu, the body responsible for laptop procurement under this scheme.
- FACT Implementation period: 2026-2027 academic year.

MAINS Q *Discuss how state-led technological interventions like the Vetri Laptop Scheme can bridge the digital divide and enhance human capital in higher education.*

USE: Digital Divide | Human Capital | Skill Development | Public Expenditure | Technological Literacy

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HEALTH POLICY & PUBLIC HEALTH P

7 Nov · NDTV · satyadheesh.in/upsc/note/149064 · Report a mistake

West Bengal to verify 1.1 lakh doctors' credentials following fake degree allegations

WHY IN NEWS The West Bengal government announced a 'Know Your Doctor' exercise to verify the academic credentials of 1.1 lakh doctors registered with the West Bengal Medical Council following allegations of fake degrees.

- BODY West Bengal Medical Council: The state body responsible for registering medical practitioners.
- FACT 1.1 lakh: The number of doctors whose credentials are slated for verification.
- FACT 1996: The starting year for the registrations being audited.

MAINS Q *Discuss the institutional mechanisms required to ensure the integrity of professional registrations and the implications of credential fraud on public health safety.*

USE: Professional integrity | Regulatory oversight | Public health safety | Credential verification | Institutional accountability

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International Relations 3

INDIA'S BILATERAL RELATIONS P

7 Nov · Al Jazeera · satyadheesh.in/upsc/note/149233 · Report a mistake

US bombs Iran after 11 ships attacked and three sank in Strait of Hormuz

WHY IN NEWS The United States conducted air strikes on Iran's Qeshm island following a week of attacks on 11 ships in the Strait of Hormuz, leading to concerns over a large-scale escalation.

- FACT UKMTO reported 11 ships attacked and 3 sank in the Strait of Hormuz in the week ending November 6.
- S&T MQ-1 and MQ-9 are types of drones used in the conflict.
- PLACE Qeshm island is a southern Iranian island targeted in the air strikes.
- FACT Transits in the Strait of Hormuz are approximately 65 percent below pre-conflict levels.

MAINS Q *Discuss the significance of the Strait of Hormuz in global energy security and the implications of maritime insecurity on international trade routes.*

USE: Strait of Hormuz | Maritime Security | Energy Security | Geopolitical Escalation | Trade Routes

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INDIA'S BILATERAL RELATIONS P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/148984 · Report a mistake

India and EU conclude negotiations for Indian researchers to receive Horizon Europe funding

WHY IN NEWS India and the European Union concluded negotiations for Indian researchers to receive direct funding from the Horizon Europe programme.

FACT | Horizon Europe is a research initiative with a budget of Euro 93.5 billion

BODY | Horizon Europe is a European Union research programme

POST | The agreement allows Indian researchers to receive direct funding for multi-national projects

MAINS Q *Discuss how scientific cooperation and research funding frameworks can serve as catalysts for strengthening India's strategic partnership with the European Union.*

USE: Scientific Cooperation | Strategic Partnership | Research Funding | Technology Transfer | Horizon Europe

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INDIA'S BILATERAL RELATIONS P

7 Nov · The Hindu · satyadheesh.in/upsc/note/148935 · Report a mistake

US Consulate delegation meets SCCL to discuss critical minerals and Telangana data centres

WHY IN NEWS A US Consulate delegation met with Singareni Collieries Company Ltd (SCCL) to discuss partnerships in critical minerals and the establishment of data centres in Telangana.

POST | Meredith Metzler: Led the US Consulate delegation in Hyderabad

FACT | SCCL: Singareni Collieries Company Ltd, a major mining entity in Telangana

S&T | Rare Earth Elements: Minerals targeted for technological collaboration and extraction

PLACE | Telangana: Proposed location for establishing data centres

MAINS Q *Discuss the strategic importance of critical minerals and data infrastructure in strengthening India's technological sovereignty and bilateral ties with the United States.*

USE: Critical Minerals | Rare Earth Elements | Data Sovereignty | Strategic Partnership | Technological Collaboration

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GS3

Economy · S&T · Environment · Security

29 NOTES

Economy

4

INDUSTRY, INVESTMENT & MSMES P

7 Nov · NDTV · satyadheesh.in/upsc/note/149308 · Report a mistake

Ministry defends 20% ethanol-blended petrol after Karnataka claims of 31% levels

WHY IN NEWS The Ministry of Petroleum and Natural Gas defended the 20% ethanol-blended petrol programme after the Karnataka government alleged ethanol levels reached 26-31% in the state.

FACT | Ministry of Petroleum and Natural Gas defended the 20% ethanol-blended petrol programme.

FACT | Karnataka government claimed ethanol levels reached 26-31% in petrol.

FACT | 893 samples across 27 states were found to meet quality standards by the Ministry.

MAINS Q *Discuss the logistical and technical challenges in maintaining uniform fuel quality standards across different states under the ethanol blending programme.*

USE: Ethanol Blending Programme | Fuel Quality Standards | Energy Security | Regulatory Oversight | Public Distribution

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INDUSTRY, INVESTMENT & MSMES P M

7 Nov · NDTV · satyadheesh.in/upsc/note/149196 · Report a mistake

West Bengal announced its new Industrial Policy 2026 to revive industrial growth through investment

WHY IN NEWS West Bengal announced its Industrial Policy 2026 to revive industrial growth by offering investment incentives and faster clearances to attract Rs 1 lakh crore in investment.

- FACT West Bengal Industrial Policy 2026 aims to attract Rs 1 lakh crore in investments.
- FACT The state aims to address a debt of Rs 8 lakh crore through industrial growth.
- FACT The policy offers up to 120 per cent support for new industries.
- FACT Incentives under the new policy are linked to employment generation.

MAINS Q *Examine how state-led industrial policies can balance the dual objectives of attracting large-scale private investment and ensuring local employment generation.*

USE: Investment incentives | Industrial policy | Employment generation | Fiscal debt | Land bank

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CAPITAL MARKETS & SEBI P

7 Nov · Economic Times · satyadheesh.in/upsc/note/149135 · Report a mistake

NSE to extend equity derivatives trading until 3:45 pm starting December 7, 2026

WHY IN NEWS The NSE issued circulars on November 6, 2026, to implement SEBI's October 15, 2026, directives regarding extended trading hours and revised closing auction mechanisms for equity derivatives.

- BODY NSE (National Stock Exchange) is the exchange implementing the revised closing price discovery mechanism.
- BODY SEBI (Securities and Exchange Board of India) issued the primary circular on October 15, 2026, reviewing market timings.
- FACT The Closing Auction Session (CAS) is scheduled for a duration of 10 minutes (3:30 pm to 3:40 pm).
- FACT Trading in stock derivatives will continue until 3:45 pm on all trading days, including expiry days.
- FACT Index derivatives contracts expiring on a particular day will end trading at 3:30 pm.

MAINS Q *Discuss how the revision of closing auction mechanisms and trading hours impacts market liquidity and price discovery in the Indian derivatives segment.*

USE: Price Discovery | Market Liquidity | Derivatives Trading | Regulatory Framework | Capital Markets

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MONETARY POLICY, RBI & BANKING P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149126 · Report a mistake

Madras High Court closes PIL seeking to regulate non-banking financial institutions auctioning gold jewellery

WHY IN NEWS The Madras High Court closed a PIL filed by A. Joseph Sagayaraj seeking regulation of non-banking financial institutions (NBFCs) auctioning gold jewellery after the RBI confirmed existing Fair Practices Code guidelines.

- BODY RBI: The primary regulatory body for non-banking financial institutions (NBFCs) in India
- FACT Fair Practices Code: RBI-issued guidelines intended to ensure sound operations and asset quality for NBFCs
- PLACE Madras High Court: The judicial body that disposed of the PIL regarding gold jewellery auctions

MAINS Q *Discuss the significance of the RBI's Fair Practices Code in ensuring transparency and protecting consumer interests in the non-banking financial sector.*

USE: Regulatory framework | Consumer protection | Asset quality | Fair Practices Code | NBFC regulation

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CROPPING PATTERNS & IRRIGATION P M 2 REPORTS MERGED 7 Nov · The Hindu · satyadheesh.in/upsc/note/149380 · Report a mistake

Supreme Court grants Himachal Pradesh 11,973 MU of electricity from Punjab and Haryana

WHY IN NEWS The Supreme Court ruled in favor of Himachal Pradesh, granting the state 11,973 MU of electricity from Punjab and Haryana over 20 years to settle BBMB arrears.

- FACT Himachal Pradesh was granted 11,973 MU of electricity from Punjab and Haryana over a 20-year period.
- FACT The power dues were settled at a rate of 7.19% based on a 2011 Supreme Court verdict.
- BODY BBMB (Bhakra Beas Management Board) manages the Bhakra Nangal and Beas hydro projects.
- FACT The Kishau Dam project has a capacity of 440 MW.

MAINS Q *Discuss the significance of inter-state power sharing agreements and the role of judicial intervention in resolving long-pending hydro-electric arrears between Indian states.*

USE: Inter-state dispute | Hydro-electric power | Federalism | Resource allocation | Judicial intervention

MSP, PROCUREMENT, PDS & FOOD SECURITY P 7 Nov · The Hindu · satyadheesh.in/upsc/note/149334 · Report a mistake

Telangana to build scientific silos network at 20 locations to protect farmers

WHY IN NEWS Minister N. Uttam Kumar Reddy announced plans to establish a scientific silos network at 20 locations in Telangana to prevent distress sales by farmers.

- FACT The proposed scientific silos network will be established at 20 locations in Telangana.
- BODY The Telangana State Civil Supplies Corporation is the state body considered for direct construction of the silos.
- FACT The primary objective of the silos is to protect farmers from distress sales and secure higher prices for premium paddy varieties.

MAINS Q *Discuss how the development of scientific storage infrastructure can mitigate distress sales and enhance the bargaining power of farmers in the agricultural value chain.*

USE: distress sales | post-harvest infrastructure | market intervention | value chain | price discovery

ANIMAL HUSBANDRY, FISHERIES & ALLIED P 7 Nov · The Hindu · satyadheesh.in/upsc/note/149319 · Report a mistake

KLDB to establish CALPR at Mattupetty to boost farmers' income and research

WHY IN NEWS The Kerala Livestock Development Board (KLDB) is establishing the Centre for Advancement in Livestock Productivity and Research (CALPR) at Mattupetty to boost livestock productivity and farmer incomes.

- BODY KLDB: Kerala Livestock Development Board
- PLACE Mattupetty: Located near Munnar in Kerala
- FACT CALPR: Centre for Advancement in Livestock Productivity and Research

MAINS Q *Discuss how specialized research centers can enhance the livelihoods of marginalized tribal communities and improve the economic viability of the livestock sector in hilly regions.*

USE: Livestock productivity | Genetic progress | Rural livelihoods | Tribal welfare | Fodder development

MSP, PROCUREMENT, PDS & FOOD SECURITY P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149158 · Report a mistake

Tamil Nadu sanctions ₹2,842.77 crore for revised crop loan waiver scheme

WHY IN NEWS The Tamil Nadu government sanctioned ₹2,842.77 crore to restructure its crop loan waiver scheme, providing a flat ₹75,000 waiver for eligible farmers.

- FACT The Tamil Nadu government sanctioned an additional ₹2,842.77 crore for the revised crop loan waiver scheme.
- FACT The total estimated expenditure for the revised scheme is ₹9,062.83 crore.
- FACT The scheme provides a flat ₹75,000 waiver for farmers with loans exceeding ₹75,000.
- FACT Eligibility extends to loans obtained by March 31, 2026.
- BODY The scheme was announced by the Cooperation, Food and Consumer Protection Department of Tamil Nadu.

MAINS Q *Evaluate the fiscal implications and socio-economic impact of state-sponsored crop loan waiver schemes on agricultural sustainability and state debt.*

USE: Fiscal Federalism | Agrarian Distress | Debt Waiver | Credit Accessibility | State Expenditure

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CROPPING PATTERNS & IRRIGATION P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149080 · Report a mistake

Maharashtra to lease reservoir land in 304 drought-declared talukas for fodder crops

WHY IN NEWS The Maharashtra government decided to lease exposed cultivable land in reservoirs and tanks across 304 drought-declared talukas to farmers and livestock owners for growing short-duration fodder crops.

- FACT 304 drought-declared talukas in Maharashtra are identified for reservoir land leasing
- BODY Soil and Water Conservation Department is the body issuing technical guidelines for land allotment
- FACT The initiative targets short-duration fodder crops due to rainfall deficiency in the 2026 kharif season

MAINS Q *Discuss the role of state-led land management and reservoir utilization in ensuring fodder security during periods of acute rainfall deficiency.*

USE: fodder security | resource optimization | climate resilience | land management | drought mitigation

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MSP, PROCUREMENT, PDS & FOOD SECURITY P

7 Nov · The Hindu · satyadheesh.in/upsc/note/148954 · Report a mistake

Centre directs traders to declare rice and paddy stocks amid rising prices

WHY IN NEWS The Centre directed traders and millers to declare rice and paddy stocks to address rising prices caused by a deficient monsoon.

- FACT Stock limits in authorized states are permitted until January 31, 2027
- FACT The directive covers rice and paddy stocks
- FACT Authorized states for stock limits: Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, and Telangana

MAINS Q *Discuss the effectiveness of stock-limit regulations and mandatory declarations in stabilizing food prices during periods of monsoon-induced supply shocks.*

USE: Food Security | Market Intervention | Supply Chain Management | Hoarding | Price Volatility

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LAND REFORMS P

7 Nov · The Hindu · satyadheesh.in/upsc/note/148916 · Report a mistake

Tamil Nadu hikes human-wildlife conflict compensation to ₹5 lakh for major injuries

WHY IN NEWS The Tamil Nadu government issued an order through the Environment, Climate Change and Forest Department to hike compensation rates for human-wildlife conflict.

- FACT Maximum compensation for major human injuries in Tamil Nadu wildlife conflicts: ₹5 lakh
- FACT Crop damage compensation limit in Tamil Nadu: ₹40,000 per acre
- FACT Compensation for pucca houses in Tamil Nadu: ₹1.5 lakh
- FACT Compensation for milch cattle in Tamil Nadu: ₹40,000
- BODY Environment, Climate Change and Forest Department: The body responsible for the compensation order in Tamil Nadu

MAINS Q *Discuss the socio-economic implications of human-wildlife conflict in agrarian landscapes and evaluate the efficacy of monetary compensation as a mitigation strategy.*

USE: Human-wildlife conflict | Compensation mechanism | Livelihood security | Habitat fragmentation | Mitigation strategy

Science & Technology

10

BIOTECHNOLOGY & HEALTH RESEARCH P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/149021 · Report a mistake

Supreme Court permits certified green firecrackers in Delhi-NCR for Deepavali 2026

WHY IN NEWS The Supreme Court permitted the use of certified green firecrackers in Delhi-NCR for Deepavali 2026 while mandating specific time slots and proximity restrictions.

- FACT Prohibited zone: Firecrackers are banned within 300 metres of hospitals and schools
- PLACE Delhi-NCR: Region where the court permitted certified green firecrackers for Deepavali 2026

MAINS Q *Discuss the balance between exercising religious freedom and the state's obligation to ensure the right to a clean environment in urban centers.*

USE: Right to Life | Environmental Governance | Regulatory Compliance | Sustainable Development | Public Health

NUCLEAR & NEW ENERGY TECHNOLOGY P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149396 · Report a mistake

Rajasthan receives national award for performance under Renewable Energy State Assessment Framework

WHY IN NEWS Rajasthan received a national award for its performance under the Renewable Energy State Assessment Framework, highlighting its contribution to India's national renewable energy goals.

- BODY Renewable Energy State Assessment Framework was developed by the Union Ministry of New and Renewable Energy
- FACT Rajasthan's installed renewable energy capacity is 51.6 GW
- PLACE The award was presented in New Delhi

MAINS Q *Analyze the role of state-level assessment frameworks in achieving India's national renewable energy targets and the challenges in scaling up capacity.*

USE: Renewable Energy | Decarbonization | State Assessment | Energy Transition | Capacity Scaling

BIOTECHNOLOGY & HEALTH RESEARCH P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/149389 · Report a mistake

NGT issues notice to Tirunelveli Collector over threats to Tamirabharani River fish species

WHY IN NEWS The Principal Bench of the National Green Tribunal (NGT) issued a notice to the Tirunelveli Collector and other bodies over threats to endemic fish species in the Tamirabharani River due to pollution and habitat loss.

- BODY — National Green Tribunal (NGT) is empowered to handle environmental disputes under Schedule I of the NGT Act, 2010
- FACT — 125 fish species were identified in the upstream, midstream, and lower estuarine stretches of the Tamirabharani River
- FACT — Seven fish species identified in the river are endemic to the Tamirabharani
- PLACE — Tamirabharani River is located in Tamil Nadu
- ACT / BILL — The NGT order cited the Environment (Protection) Act, 1986; Water (Prevention and Control of Pollution) Act, 1974; and Biological Diversity Act, 2002

MAINS Q *Examine the role of the National Green Tribunal in balancing industrial/human activity with the preservation of aquatic biodiversity and endemic species.*

USE: Suo motu | Endemic species | Riparian vegetation | Habitat loss | National Green Tribunal

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IT, AI, SEMICONDUCTORS & COMPUTING P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149247 · Report a mistake

INCOIS launches FISH app for fishermen to upload geotagged catch photographs

WHY IN NEWS INCOIS launched the FISH mobile application to enable fishermen to upload geotagged catch photographs to improve species-specific fishing forecasts.

- BODY — INCOIS: Indian National Centre for Ocean Information Services
- FACT — FISH app: Allows fishermen to upload geotagged catch photographs
- FACT — Pilot phase (2023-24): Over 1,000 fishermen and 1,000+ validated images
- S&T — Data usage: Development of species-specific fishing forecasts and habitat suitability models

MAINS Q *Discuss how leveraging crowdsourced geospatial data and mobile technology can enhance sustainable fisheries management and marine biodiversity conservation in India.*

USE: Crowdsourcing | Geospatial Data | Sustainable Fisheries | Precision Agriculture | Marine Biodiversity

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BIOTECHNOLOGY & HEALTH RESEARCH P

7 Nov · NDTV · satyadheesh.in/upsc/note/149231 · Report a mistake

Dr Sadhana Rayalu and scientists at the Council of Scientific and Industrial Research (CSIR)

WHY IN NEWS Scientists at the Council of Scientific and Industrial Research (CSIR) have developed second-generation green crackers to significantly reduce air pollution emissions.

- BODY — CSIR: Council of Scientific and Industrial Research
- FACT — Second-generation green crackers achieve 45 to 60 per cent emission reductions
- FACT — First-generation green crackers reduced particulate matter by about 30 per cent

MAINS Q *Discuss the role of indigenous technological innovations in mitigating urban air pollution and achieving India's environmental sustainability goals.*

USE: Particulate Matter | Green Crackers | Emission Reduction | CSIR | Environmental Mitigation

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DEFENCE TECHNOLOGY P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149216 · Report a mistake

IAF IL-76MD achieves world record highest-altitude landing at Nyoma airbase

WHY IN NEWS The Indian Air Force (IAF) successfully landed an IL-76MD aircraft at Nyoma airbase in eastern Ladakh, achieving a world-record highest-altitude landing of over 13,600 feet.

- FACT Nyoma airbase is located in eastern Ladakh.
- FACT The record-breaking landing altitude achieved by the IL-76MD was over 13,600 feet.
- POST The IL-76MD is an aircraft operated by the Indian Air Force (IAF).

MAINS Q *Discuss how the enhancement of high-altitude airlift capabilities contributes to India's strategic posture and logistical readiness along the Line of Actual Control.*

USE: strategic airlift | high-altitude operations | logistical readiness | Line of Actual Control | defense infrastructure

IT, AI, SEMICONDUCTORS & COMPUTING P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149201 · Report a mistake

Indian Railways "war room" tracks crowds as 18,000 additional trains ease New Delhi rush

WHY IN NEWS Railway Minister Ashwini Vaishnaw announced the use of a 'war room' to track crowds across 28 key stations to manage festive rush and alleviate congestion in New Delhi.

- FACT Indian Railways arranged over 18,000 additional trains for the festive rush in 2026.
- FACT The number of special trains arranged in the previous year was 12,000.
- FACT The 'war room' tracks crowds across 28 key stations in the Indian Railways network.

MAINS Q *Discuss how the integration of real-time data analytics and 'war rooms' can enhance the operational efficiency and passenger safety of the Indian Railways.*

USE: Real-time monitoring | Operational efficiency | Crowd management | Data-driven governance

SPACE TECHNOLOGY (ISRO, MISSIONS) P

7 Nov · Al Jazeera · satyadheesh.in/upsc/note/149175 · Report a mistake

Pakistan astronaut to become first foreign national to visit China's space station

WHY IN NEWS China's Manned Space Agency selected a Pakistani astronaut as a payload specialist for the Shenzhou-24 mission, marking the first time a foreign national will visit China's space station.

- S&T Shenzhou-24: The specific mission name for the Pakistani astronaut's visit to China's space station.
- FACT Jinnah-1: The name of the lunar rover to be deployed by the China National Space Administration.
- SCHEME Belt and Road Initiative: The overarching framework under which the mission is being conducted.
- BODY China National Space Administration: The body responsible for deploying the Jinnah-1 lunar rover.

MAINS Q *Discuss how space cooperation under initiatives like the Belt and Road Initiative can reshape geopolitical dynamics and technological parity in the Global South.*

USE: Space Diplomacy | Soft Power | Technological Sovereignty | Belt and Road Initiative | Lunar Exploration

BIOTECHNOLOGY & HEALTH RESEARCH P

7 Nov · Al Jazeera · satyadheesh.in/upsc/note/149107 · Report a mistake

"Alien-cortical mice" with 4 million human neurons show improved maze navigation

WHY IN NEWS Stanford University researchers successfully integrated 4 million human neurons into genetically modified mice to study neural circuits and brain disorders.

- FACT The experiment successfully integrated approximately 4 million human neurons into the mice.
- BODY Stanford University conducted the research and published the findings in the journal Nature.

MAINS Q *Discuss the ethical and scientific implications of using human organoids and neural integration in animal models to study neurodegenerative disorders.*

USE: Neural circuits | Human organoids | Neurodegenerative disorders | Chimeric models | Biotechnology

IT, AI, SEMICONDUCTORS & COMPUTING P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149068 · Report a mistake

VP Radhakrishnan confers Dr. Rajendra Prasad Award for Academic Excellence on K. Chockalingam

WHY IN NEWS Vice President C. P. Radhakrishnan conferred the Dr. Rajendra Prasad Award for Academic Excellence for 2026 on K. Chockalingam for his contributions to scholarship and public administration.

- BODY | IIPA: Indian Institute of Public Administration is the body hosting the annual meeting.
- POST | C. P. Radhakrishnan: Vice President of India.
- FACT | The award recognized a career spanning more than five decades.

MAINS Q *Discuss the role of academic excellence and scholarship in strengthening public administration and governance in India.*

USE: Public Administration | Academic Excellence | Scholarship | Governance | Institutional Knowledge

Environment & Ecology 5

POLLUTION (AIR, WATER, PLASTIC) P M 3 REPORTS MERGED

7 Nov · NDTV · satyadheesh.in/upsc/note/149073 · Report a mistake

CAQM invokes Stage 3 action plan as Delhi AQI hits 364

WHY IN NEWS The Commission for Air Quality Management (CAQM) invoked Stage 3 of the Graded Response Action Plan (GRAP) as Delhi's AQI reached 364.

- BODY | CAQM: Commission for Air Quality Management responsible for air quality management in Delhi-NCR
- FACT | Delhi AQI reached 364 at 8 am on Saturday
- PLACE | Delhi-NCR: Region covered by the Graded Response Action Plan (GRAP)
- S&T | Stage 3 GRAP measures: Includes banning certain vehicles and suspending non-essential construction

MAINS Q *Critically analyze the effectiveness of the Graded Response Action Plan (GRAP) in managing seasonal air pollution in the Delhi-NCR region.*

USE: Air Quality Index | Graded Response Action Plan | Delhi-NCR pollution | Commission for Air Quality Management | Environmental Governance

POLLUTION (AIR, WATER, PLASTIC) M

7 Nov · The Hindu · satyadheesh.in/upsc/note/149331 · Report a mistake

Supreme Court terms vehicle and construction bans as “old, tried and failed tools”

WHY IN NEWS The Supreme Court questioned the Union government and the Commission for Air Quality Management (CAQM) on the efficacy of vehicle and construction bans, calling them 'old

- FACT | Air Quality Index (AQI) reached 400 in the national capital as of November 6, 2026.
- BODY | Commission for Air Quality Management (CAQM) is the body responsible for coordinating air quality measures.
- SCHEME | Graded Response Action Plan (GRAP) is the emergency and pre-emptive measure used to arrest air pollution.
- PLACE | The news pertains to air pollution management in the national capital (Delhi).

MAINS Q *Critically analyze the limitations of reactive measures like GRAP in managing urban air pollution and suggest scientific alternatives for sustainable air quality management.*

USE: Graded Response Action Plan | Air Quality Index | Commission for Air Quality Management | Sustainable Management | Urban Pollution

BIODIVERSITY & CONSERVATION P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149361 · Report a mistake

University of Calicut Botanical Garden designated as Keralam's second biodiversity heritage site

WHY IN NEWS The State government designated the Botanical Garden at the University of Calicut as the second biodiversity heritage site in Keralam.

- PLACE | University of Calicut Botanical Garden: Designated as Keralam's second biodiversity heritage site
- FACT | The Botanical Garden covers an area of 19.5 acres
- FACT | A new ₹3.6-crore research facility will be established for conservation projects
- BODY | National Biodiversity Board and State Biodiversity Board: Involved in the designation process

MAINS Q *Discuss the significance of designating botanical gardens as biodiversity heritage sites in promoting in-situ conservation and scientific research in India.*

USE: biodiversity heritage | in-situ conservation | botanical garden | conservation research | institutional framework

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SPECIES, PROTECTED AREAS & WETLANDS P

7 Nov · The Hindu · satyadheesh.in/upsc/note/149019 · Report a mistake

Assam government bans drone operations near Amur falcon sites to protect migratory raptors

WHY IN NEWS The Assam government banned drone operations near Amur falcon congregation sites to prevent injury or disturbance to the migratory raptors.

- PLACE | Amur falcon congregation sites are located in Assam
- ENVIRONMENT | Amur falcons are migratory raptors
- FACT | The ban covers recreational, commercial, and non-essential drone flying

MAINS Q *Discuss the conflict between technological advancement and wildlife conservation in migratory corridors. How can state governments balance recreational activities with ecological preservation?*

USE: migratory raptors | ecological preservation | wildlife conservation | drone regulation | biodiversity protection

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CLIMATE CHANGE & INTERNATIONAL AGREEMENTS P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/148889 · Report a mistake

Telangana plans ₹20,000 crore project pipeline to make cities climate resilient by 2047

WHY IN NEWS Telangana government announced a ₹20,000 crore project pipeline and a Cool Roof Policy under the 'Telangana Rising 2047' vision to enhance urban climate resilience.

- FACT | Telangana Rising 2047: The vision for making cities climate resilient by 2047.
- FACT | ₹20,000 crore: The estimated value of the project pipeline for urban climate resilience in Telangana.
- SCHEME | Cool Roof Policy: A specific policy introduced by Telangana to mitigate urban heat.

MAINS Q *Discuss the importance of integrating climate-resilient infrastructure into urban planning to mitigate the impacts of global warming in rapidly urbanizing Indian states.*

USE: Climate Resilience | Urban Planning | Heat Island Effect | Sustainable Infrastructure | Climate Adaptation

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MONEY LAUNDERING & ORGANISED CRIME P M

2 REPORTS MERGED

7 Nov · The Hindu · satyadheesh.in/upsc/note/149186 · Report a mistake

Karnataka High Court rules ED is not a "super cop" for money-laundering probes

WHY IN NEWS The Karnataka High Court ruled that the Directorate of Enforcement (ED) cannot act as a 'super cop' by filing private complaints to initiate money-laundering probes.

ACT / BILL | PMLA: Prevention of Money-Laundering Act governs the ED's investigative powers

FACT | The court ruled that ED's powers are derivative, requiring information sharing with competent agencies

MAINS Q *Discuss the constitutional and legal implications of the 'derivative' nature of the ED's powers under the PMLA in ensuring a balanced investigative framework.*

USE: Derivative powers | Predicate offence | Judicial oversight | Institutional autonomy | Money laundering

CYBER SECURITY P M

7 Nov · The Hindu · satyadheesh.in/upsc/note/149332 · Report a mistake

Rajnath Singh urges armed forces to counter cyber threats and social media vulnerabilities

WHY IN NEWS Defence Minister Rajnath Singh urged armed forces at Bagdogra Air Force station to enhance cyber resilience and information integrity against social media vulnerabilities and asymmetric operations.

FACT | Defence Minister Rajnath Singh issued the directive on November 7, 2026

S&T | Cyber resilience and information integrity are identified as key priorities against asymmetric operations

MAINS Q *Discuss the growing significance of cyber warfare and information integrity in modern national security and the challenges faced by armed forces in countering asymmetric threats.*

USE: Cyber resilience | Asymmetric operations | Information integrity | Operational readiness | National security

BORDER MANAGEMENT P

7 Nov · The Hindu · satyadheesh.in/upsc/note/148955 · Report a mistake

Rajnath Singh to celebrate Deepavali with Army personnel at Nathu La in Sikkim

WHY IN NEWS Defence Minister Rajnath Singh is scheduled to celebrate Deepavali with Army personnel at Nathu La in Sikkim amidst ongoing peace efforts along the Line of Actual Control (LAC).

PLACE | Nathu La is a mountain pass located in Sikkim on the India-China border.

BODY | ITBP (Indo-Tibetan Border Police) is the primary force guarding the border in this region.

FACT | Cross-border trade through Nathu La pass resumed in August 2026 after a suspension of more than six years.

FACT | The first Corps Commander-level meeting in the Eastern Sector was held in September 2026.

MAINS Q *Discuss the significance of expanding military dialogue mechanisms and restoring trade routes in managing the India-China border dispute.*

USE: Line of Actual Control | De-escalation | Border Management | Strategic Dialogue | Cross-border Trade

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