

**SATYADHEESH**
सत्याधीश

UPSC DAILY DETAILED NOTES

Current Affairs • 17 August 2026**36**

NOTES

8

STORIES MERGED

GS1 • 2

GS2 • 17

GS3 • 17

PAPER MIX

CONTENTS**Every note, grouped by paper**

GS1	History • Society • Geography	2 notes
	Indian Society	1
	Geography	1
GS2	Polity • Governance • Social Justice • IR	17 notes
	Polity & Constitution	5
	Governance	2
	Social Justice	2
	International Relations	8
GS3	Economy • S&T • Environment • Security	17 notes
	Economy	6
	Agriculture	3
	Science & Technology	5
	Environment & Ecology	1
	Disaster Management	1
	Internal Security	1

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.

Indian Society

1

WOMEN & GENDER ISSUES

M

17 Aug · NDTV · satyadheesh.in/news/106397

Assam Staff May Face 20% Pay Cut For 2nd Marriage Without Divorce

WHY IN NEWS Assam government announced a policy to deduct up to 20% of salaries from government employees who remarry without divorcing their first wives to provide financial support to abandoned wives.

FACT | Assam government proposed a 20% salary deduction for bigamous government employees.

FACT | The policy aims to provide direct financial support to abandoned first wives.

MAINS Q Discuss the role of state-led legislative measures in protecting the socio-economic rights of women abandoned due to bigamy in India.

USE: socio-economic rights bigamy gender justice state intervention financial security

Geography

1

PLACES IN NEWS / MAPPING

P

17 Aug · NDTV · satyadheesh.in/news/106687

Visakhapatnam Airport Shuts Commercial Flights as VTZ Code Moves to Bhogapuram

WHY IN NEWS Visakhapatnam Airport ceased scheduled commercial flights as operations shifted to the newly commissioned Alluri Sitarama Raju International Airport at Bhogapuram.

PLACE | Alluri Sitarama Raju International Airport is located at Bhogapuram, Andhra Pradesh.

FACT | The airport code VTZ was transferred to the Bhogapuram facility.

BODY | Airports Authority of India (AAI) manages the airport infrastructure and operations.

POST | The Central Industrial Security Force (CISF) provides security for the airport facilities.

MAINS Q Discuss the role of infrastructure development in enhancing regional connectivity and economic growth in coastal India.

USE: regional connectivity infrastructure development aviation logistics economic corridor

Polity & Constitution

5

CONSTITUTION, AMENDMENTS & BASIC STRUCTURE

P

M

2 REPORTS MERGED

17 Aug · NDTV · satyadheesh.in/news/106574

President Droupadi Murmu has approved the bill renaming Kerala as Keralam

WHY IN NEWS President Droupadi Murmu gave assent to the Kerala (Alteration of Name) Bill, 2026, renaming the state of Kerala to Keralam.

CONSTITUTION | Article 3 of the Constitution empowers Parliament to alter the name, boundaries, or areas of any state.

CONSTITUTION | The First Schedule of the Constitution contains the names of the States and Union Territories.

FACT | The Kerala (Alteration of Name) Bill, 2026, was the legislative vehicle for the name change.

MAINS Q Discuss the constitutional provisions and the federal implications involved in the alteration of state names and boundaries in India.

USE: Constitutional Amendment Federalism State Autonomy Legislative Process

JUDICIARY & LANDMARK JUDGMENTS

P

M

17 Aug · The Hindu · satyadheesh.in/news/106441

Are courts precluded from granting fair, just compensation in nuclear accident: SC asks Centre

WHY IN NEWS The Supreme Court questioned the constitutionality of a proposed cap on nuclear accident compensation and potential conflicts of interest in the Atomic Energy Regulatory Body (AERB).

BODY | AERB: Atomic Energy Regulatory Body is the statutory body responsible for regulating safety and radiation protection in India's nuclear power sector.

FACT | The proposed liability cap under the SHANTI Act is ₹3,000 crore.

POST | Chief Justice Surya Kant presided over the bench hearing the plea regarding nuclear accident compensation.

MAINS Q Critically examine the balance between industrial liability caps and the protection of fundamental rights in the context of nuclear safety regulations in India.

USE: Liability Cap Fundamental Rights Regulatory Oversight Nuclear Safety Judicial Review

ELECTIONS, ECI & ELECTORAL REFORMS

P

4 REPORTS MERGED

17 Aug · The Hindu · satyadheesh.in/news/106744

Millions Face Voter Notice Deadline: 93 Lakh Telangana Voters Must Act

WHY IN NEWS The Chief Electoral Officer of Telangana announced a Special Intensive Revision (SIR) of electoral rolls to rectify name mismatches and anomalies for 93 lakh voters.

BODY | Chief Electoral Officer (CEO) is the state-level authority responsible for the preparation and maintenance of electoral rolls.

FACT | Approximately 93 lakh voters in Telangana are affected by name mismatches in the current revision.

FACT | The Special Intensive Revision (SIR) is a process to ensure the integrity of the electoral roll by verifying documents.

MAINS Q Discuss the importance of maintaining accurate electoral rolls in ensuring the integrity of the democratic process in India.

USE: Electoral Roll Special Intensive Revision Democracy Integrity Voter Verification

Supreme Court Rejects NGO’s Bid to Change Sikkim Electoral Roll Base Year from 2002

WHY IN NEWS The Supreme Court dismissed a petition seeking to change the base year for Sikkim's electoral roll revision, upholding the Election Commission of India's (ECI) procedural integrity.

- BODY

Election Commission of India (ECI) is the constitutional body responsible for preparing and maintaining electoral rolls.
- FACT

The current base year for Sikkim's electoral roll revision is 2002.
- BODY

Supreme Court of India is the highest judicial body in the country.

MAINS Q Discuss the importance of maintaining the integrity and consistency of electoral rolls in ensuring free and fair elections in India.

USE:

electoral integrity

procedural fairness

demographic anomalies

judicial review

constitutional mandate

CJI Surya Kant: Reject AI bans, embrace tech with critical judgment

WHY IN NEWS CJI Surya Kant advocated for the responsible integration of Generative AI in legal education rather than outright bans, emphasizing academic integrity.

- POST

Surya Kant: Chief Justice of India (CJI)
- S&T

Generative AI: A type of AI capable of creating new content like text, images, or code.
- PLACE

National Law University, Jodhpur: A premier legal educational institution in Rajasthan.

MAINS Q Discuss the challenges and opportunities of integrating Artificial Intelligence in the Indian judicial and legal education systems while ensuring ethical standards and academic integrity.

USE:

technological integration

academic integrity

independent judgment

generative AI

legal reform

Governance 2

Andhra Pradesh passes bill for uniform mutation fee at title transfers

WHY IN NEWS Andhra Pradesh passed the A.P. Municipal Laws (Third Amendment) Bill 2026 to standardize mutation fees for title transfers across Urban Local Bodies.

- ACT / BILL

A.P. Municipal Laws (Third Amendment) Bill 2026
- BODY

Urban Local Bodies (ULBs) are responsible for municipal administration and property mutation.
- FACT

The bill introduces a 'Uniform Mutation Fee' to standardize revenue collection.

MAINS Q Discuss how the standardization of municipal fees and the integration of auto-mutation platforms can enhance Ease of Doing Business and transparency in urban governance.

USE:

standardization

transparency

urban governance

Ease of Doing Business

digital integration

Tamil Nadu CM launches 'Presence-less Registration' for housing plots, verified online in 24 hours

WHY IN NEWS Tamil Nadu launched 'Presence-less Registration' for housing plots to enhance transparency and speed up the property registration process via online verification.

- FACT** | Presence-less Registration requires verification and registration within 24 hours.
- S&T** | Security features include dynamic random color changes on endorsements and QR codes on every page.
- FACT** | Certified copies of registered documents can be collected after a 60-day period.

MAINS Q Discuss how the adoption of 'Presence-less Registration' and e-governance initiatives can curb corruption and improve ease of doing business in the real estate sector.

USE: [e-governance](#) [transparency](#) [ease of doing business](#) [digital infrastructure](#) [administrative efficiency](#)

Social Justice

2

Jharkhand CM cancels recruitment exams since 2014 amid protests, forms investigation committee

WHY IN NEWS Jharkhand CM Hemant Soren cancelled recruitment exams since 2014 due to alleged irregularities and formed a committee to reform the examination process.

- BODY** | JPSC: Jharkhand Public Service Commission is the state body for recruiting civil servants.
- BODY** | JSSC: Jharkhand Staff Selection Commission handles non-gazetted posts.
- FACT** | The investigation covers recruitment irregularities spanning from 2014 onwards.

MAINS Q Discuss the systemic challenges in state-level recruitment processes in India and suggest measures to ensure transparency and meritocracy in public service examinations.

USE: [meritocracy](#) [transparency](#) [institutional integrity](#) [systemic reforms](#) [accountability](#)

Kerala allocates ₹12 lakh for nutritious snacks for 300 child survivors of sexual crimes

WHY IN NEWS The Kerala government sanctioned ₹12 lakh to provide nutritious snacks and medical checkups for 300 child survivors of sexual crimes housed in State Nirbhaya Cell homes.

- FACT** | Kerala allocated ₹12 lakh for nutritious snacks for 300 child survivors.
- BODY** | State Nirbhaya Cell: A Kerala state body providing care for survivors of sexual crimes.
- FACT** | The scheme provides an additional ₹500 per child monthly for nutritional support.

MAINS Q Discuss the importance of specialized nutritional and psychological rehabilitation for child survivors of sexual crimes in India's social welfare framework.

USE: [vulnerable sections](#) [holistic rehabilitation](#) [nutritional security](#) [social welfare](#)

Saudi Arabia, Turkey, Pakistan sign 'big first step' defence pact, US hails

WHY IN NEWS Saudi Arabia, Turkey, and Pakistan signed the Mecca Joint Defence Agreement to formalize a collective defence commitment, impacting regional security dynamics.

- FACT | The Mecca Joint Defence Agreement was signed on August 7 in Jeddah.
- S&T | The agreement is modeled after NATO's Article 5, which mandates collective defence.
- PLACE | Jeddah is the location where the pact was signed.

MAINS Q Analyze the implications of the Mecca Joint Defence Agreement on the geopolitical stability of the Middle East and the security architecture of South Asia.

USE:

Collective Defence

Geopolitical Realignment

Regional Stability

Security Architecture

Koizumi meets Singh to expand defence ties, discuss UNICORN drone joint development

WHY IN NEWS Japanese Defence Minister Shinjiro Koizumi is visiting India to discuss expanding defence cooperation, specifically the joint development of UNICORN systems and drones under the 'Make in India' framework.

- POST | Shinjiro Koizumi: Minister of Defence of Japan
- FACT | UNICORN: A naval radio antenna system for stealth communication
- BODY | India-Japan Defence Policy Dialogue: Held in Tokyo on July 13, 2026
- SCHEME | Make in India: Framework used to facilitate defence industry collaboration

MAINS Q Discuss the significance of India-Japan defence cooperation in maintaining a free and open Indo-Pacific region. How does technology sharing enhance bilateral strategic autonomy?

USE:

strategic partnership

maritime security

technological collaboration

Indo-Pacific

defence industrialisation

China Allegedly Encroaches on Arunachal Pradesh, Threatening India-China Relations Ahead of BRICS Summit

WHY IN NEWS Alleged Chinese encroachment in Arunachal Pradesh has escalated tensions between India and China, potentially impacting the upcoming BRICS summit.

- PLACE | Arunachal Pradesh: A state in Northeast India bordering China, Bhutan, and Myanmar.
- BODY | BRICS: An intergovernmental organization comprising Brazil, Russia, India, China, and South Africa.
- FACT | The border dispute involves the Line of Actual Control (LAC) between India and China.

MAINS Q Analyze the impact of border disputes on India's strategic autonomy and its ability to foster multilateral cooperation within the BRICS framework.

USE:

sovereignty

strategic autonomy

border management

bilateral tensions

geopolitical stability

President Paudel confers honorary rank of General on Indian Army Chief Seth

WHY IN NEWS President Ramchandra Paudel conferred the honorary rank of General on Indian Army Chief Dhiraj Seth, reaffirming long-standing bilateral military ties between India and Nepal.

- PLACE** | Nepal: A landlocked country in South Asia sharing a long border with India.
- FACT** | The tradition of conferring honorary ranks between the armies of India and Nepal started in 1950.
- POST** | Dhiraj Seth: Current Chief of the Indian Army.
- POST** | Ramchandra Paudel: Current President of Nepal.

MAINS Q Discuss the significance of army-to-army ties in strengthening the strategic and security cooperation between India and Nepal.

USE: bilateral ties strategic cooperation defense diplomacy mutual trust

Karnataka Faces SC Grilling Over Cauvery Water Release Dispute

WHY IN NEWS The Supreme Court directed Karnataka to comply with Cauvery Water Management Authority (CWMA) orders regarding water release to Tamil Nadu amidst a dispute over reservoir capacities.

- BODY** | CWMA: Cauvery Water Management Authority is the body overseeing water distribution in the Cauvery basin.
- FACT** | Tamil Nadu claims Karnataka's reservoirs held 76% of live storage capacity during the dispute.
- PLACE** | Cauvery River: A major river in South India shared by Karnataka, Tamil Nadu, and Kerala.

MAINS Q Discuss the challenges in inter-state river water sharing in India and the role of judicial and statutory bodies in resolving these disputes.

USE: Inter-state dispute Water scarcity Federalism Judicial intervention Resource management

Taliban marks five years in power, facing criticism for women's rights restrictions

WHY IN NEWS The Taliban marked five years in power (August 15, 2026) in Delhi, highlighting the ongoing humanitarian crisis and systemic restrictions on women's rights in Afghanistan.

- FACT** | Taliban seized power in Afghanistan on August 15, 2021
- PLACE** | Afghanistan Embassy in Delhi hosted the 'Victory Day' anniversary event
- BODY** | UN and international aid groups have flagged the humanitarian crisis in Afghanistan

MAINS Q Discuss the impact of gender-based restrictions on the socio-economic development and humanitarian crisis management in Afghanistan under the Taliban regime.

USE: humanitarian crisis gender restrictions geopolitics socio-economic development

Indians Most Targeted by ICE Among Asians and Pacific Islanders: Report

WHY IN NEWS Indians have emerged as the most targeted group by US Immigration and Customs Enforcement (ICE) among Asians and Pacific Islanders under the current US immigration crackdown.

- BODY** | ICE: Immigration and Customs Enforcement is the US agency responsible for identifying and removing undocumented immigrants.
- FACT** | MEA reported 3,567 Indians deported in the previous year, the highest in 16 years.
- FACT** | ICE recorded a monthly record of 51,000 arrests in July.

MAINS Q Discuss the implications of tightening immigration policies in major economies on the Indian diaspora and the role of the MEA in protecting the interests of Indian nationals abroad.

USE: immigration policy diaspora bilateral relations extradition human rights

DRI busts ₹2,500 crore arecanut fraud network, arrests nine

WHY IN NEWS The Directorate of Revenue Intelligence (DRI) dismantled a ₹2,500 crore arecanut fraud network involving the misuse of SAFTA trade benefits.

BODY	DRI: Directorate of Revenue Intelligence is the primary intelligence agency for preventing smuggling and trade fraud.
INTL. ORG	SAFTA: South Asian Free Trade Area is a trade agreement among SAARC nations to reduce trade barriers.
FACT	The fraud network resulted in a potential revenue loss of over ₹2,500 crore.
PLACE	The operation involved raids and seizures in Kolkata and Visakhapatnam.

MAINS Q Discuss the challenges in monitoring trade compliance and preventing revenue leakage in regional trade agreements like SAFTA.

USE: Trade fraud Revenue leakage SAFTA Smuggling Hawala channels

Economy

6

GROWTH, INFLATION & MACRO INDICATORS

P

17 Aug · The Hindu · [satyadheesh.in/news/106422](https://www.satyadheesh.in/news/106422)**Kerala sets trap: Defaults on local loans mean departmental inspections and fund cuts**

WHY IN NEWS The Kerala government revised guidelines for local bodies to ensure fiscal discipline by removing government subsidies for loan repayments on revenue-generating projects.

- FACT | PRICE software: Tool mandated for local bodies to prepare project plans.
- BODY | Joint Director, LSGD: Authority responsible for approving local body loan applications.
- FACT | Escrow accounts: Mandatory requirement for local bodies to ensure loan repayment.

MAINS Q Discuss the importance of fiscal decentralization and the role of monitoring mechanisms in ensuring the financial sustainability of urban local bodies in India.

USE: [fiscal discipline](#) [decentralization](#) [revenue-generating projects](#) [accountability](#) [financial sustainability](#)

INDUSTRY, INVESTMENT & MSMEs

P

17 Aug · NDTV · [satyadheesh.in/news/106297](https://www.satyadheesh.in/news/106297)**E10 petrol proposed for older cars to avoid 6-7% energy penalty from E20**

WHY IN NEWS Chief Economic Advisor V Anantha Nageswaran proposed reintroducing E10 petrol for older vehicles to mitigate a 6-7% energy penalty caused by E20 blends.

- FACT | E20 petrol contains 20% ethanol and 80% gasoline.
- FACT | E10 petrol contains 10% ethanol and 90% gasoline.
- S&T | Ethanol blending is a key component of India's biofuel policy to reduce crude oil imports.

MAINS Q Discuss the challenges and opportunities associated with India's ethanol blending program, specifically regarding vehicle compatibility and energy security.

USE: [Energy Security](#) [Ethanol Blending](#) [Fuel Efficiency](#) [Compatibility Issues](#) [Biofuels](#)

GROWTH, INFLATION & MACRO INDICATORS

P

17 Aug · Economic Times · [satyadheesh.in/news/106259](https://www.satyadheesh.in/news/106259)**India may cut sugar exports as production threatened by El Niño**

WHY IN NEWS India may reduce sugar exports due to El Niño-induced production threats and rising domestic ethanol demand.

- FACT | India is the second-largest sugar producer globally.
- S&T | El Niño is a climate pattern characterized by the warming of surface waters in the eastern tropical Pacific Ocean.
- FACT | London White Sugar reached a 15-month high of over \$500/tonne.

MAINS Q Discuss the impact of climate change and the shift towards ethanol production on India's agricultural export economy.

USE: [supply-side shocks](#) [ethanol blending](#) [climate resilience](#) [export dynamics](#)

India Orders Refiners to Boost LPG Output to 63,810 Tons Daily

WHY IN NEWS The Indian government ordered refiners to increase LPG production to 63,810 tons daily to mitigate supply risks caused by the Iran-US conflict in the Strait of Hormuz.

- FACT** | Target LPG production: 63,810 tons daily
- FACT** | Reliance Industries target: 18,000 tons per day
- S&T** | Naphtha conversion is used as an alternative feedstock for LPG production
- PLACE** | Strait of Hormuz: A critical maritime chokepoint for global oil and gas transit

MAINS Q Discuss the significance of maritime chokepoints like the Strait of Hormuz in India's energy security and the role of domestic production in mitigating global supply shocks.

USE: Energy Security Supply Chain Resilience Strategic Autonomy Feedstock Diversification

WhatsApping PAN, Aadhaar risks identity theft; RBI recorded 23,953 fraud cases in 2024-25

WHY IN NEWS RBI reported a significant rise in banking frauds (over ₹36,000 crore) linked to the insecure sharing of sensitive documents like PAN and Aadhaar via messaging apps.

- FACT** | RBI recorded 23,953 banking fraud cases in 2024-25
- FACT** | Total fraud amount recorded by RBI in 2024-25 reached ₹36,014 crore
- S&T** | PAN and Aadhaar are unique identifiers used for KYC (Know Your Customer) compliance

MAINS Q Discuss the growing challenges of cyber-fraud in the digital banking era and suggest measures to enhance personal data security for Indian citizens.

USE: identity theft cybersecurity data privacy financial fraud digital hygiene

RBI Moves FCNR(B) Deadline to August 31, Banks Face Higher Funding Costs

WHY IN NEWS The RBI advanced the deadline for FCNR(B) deposit mobilization to August 31 due to higher-than-expected inflows, creating potential liquidity mismatches for banks.

- FACT** | RBI received \$52.3 billion in FCNR(B) deposits as of August 13.
- BODY** | FCNR(B) deposits are foreign currency non-resident deposits held in Indian banks.
- FACT** | The zero-cost swap facility deadline was extended to September 11, 2026.
- FACT** | The mobilization deadline was moved from September 30 to August 31.

MAINS Q Discuss the implications of liquidity mismatches in the banking sector when central bank deadlines for deposit mobilization are altered prematurely.

USE: liquidity mismatch bridge loans FCNR(B) deposits monetary policy funding costs

MSP, PROCUREMENT, PDS & FOOD SECURITY P

17 Aug · The Hindu · satyadheesh.in/news/106470

Value-added farmers' produce to be marketed under 'Kerala Brand' for better price, says CM V.D. Satheesan

WHY IN NEWS Kerala CM announced the 'Kerala Brand' initiative to facilitate exports of value-added farm produce and outlined a new agriculture policy.

- PLACE** | Vizhinjam Port: A major deep-water seaport located in Kerala.
- FACT** | Rubber price hike: Increased from ₹200 to ₹300 as part of state agricultural reforms.
- SCHEME** | Kerala Brand: A state initiative for value-added farm produce and export facilitation.

MAINS Q Discuss how branding and infrastructure integration can enhance the export potential of agricultural produce in Indian states.

USE: Value-addition Export facilitation Land reforms Price discovery

CROPPING PATTERNS & IRRIGATION P

17 Aug · NDTV · satyadheesh.in/news/106276

Assam CM doles out ₹15,000 to each of 96,842 flood-hit families

WHY IN NEWS Assam CM Himanta Biswa Sarma announced a one-time financial assistance of ₹15,000 to over 96,000 flood-affected families to facilitate post-disaster recovery.

- FACT** | Total financial assistance disbursed so far: ₹146.26 crore
- SCHEME** | Orunodoi scheme: Provided ₹2,500 to eligible beneficiaries in Assam
- FACT** | Number of farmers identified with crop/agriculture losses: 99,256
- PLACE** | Dispur: Location of the state government headquarters in Assam

MAINS Q Discuss the importance of robust disaster management and immediate financial rehabilitation mechanisms in mitigating the socio-economic impact of floods in Northeast India.

USE: disaster mitigation socio-economic impact financial assistance rehabilitation agrarian distress

LAND REFORMS P M

17 Aug · The Hindu · satyadheesh.in/news/106148

Green patches on NH 19 hide toxic chromium, villagers suffer liver infections

WHY IN NEWS Villagers in Uttar Pradesh are suffering from liver infections and skin rashes due to hexavalent chromium (VI) contamination in groundwater and soil near NH 19.

- S&T** | Chromium (VI) or hexavalent chromium is a toxic chemical compound known to cause stomach ulcers, cancers, and severe kidney/liver damage.
- FACT** | Government data shows 73–96% of residents in affected UP districts have blood chromium levels exceeding permissible limits.
- PLACE** | The contamination is specifically noted along National Highway 19 connecting Kanpur Nagar and Fatehpur districts.

MAINS Q Discuss the challenges in managing industrial hazardous waste and its impact on public health and groundwater quality in India.

USE: hazardous waste groundwater pollution public health environmental justice remediation

DEFENCE TECHNOLOGY

P

M

17 Aug · NDTV · satyadheesh.in/news/106384

India Signs Rs 1,943 Crore Deal for Two MQ-9B Drones to Boost Maritime Surveillance

WHY IN NEWS India signed a Rs 1,943 crore lease agreement with General Atomics for two MQ-9B SeaGuardian drones to enhance maritime surveillance and air defense.

- S&T** | MQ-9B SeaGuardian: A maritime surveillance drone capable of long-range operations.
- FACT** | Contract Value: Rs 1,943 crore for a 30-month lease period.
- FACT** | Operational Capability: Flight duration of over 30 hours at altitudes above 40,000 feet.

MAINS Q Discuss how the integration of unmanned aerial vehicles (UAVs) like the MQ-9B SeaGuardian contributes to India's maritime security and 'SAGAR' initiative in the Indian Ocean Region.

USE: Maritime Domain Awareness Unmanned Aerial Vehicles Strategic Autonomy Defense Modernization

IT, AI, SEMICONDUCTORS & COMPUTING

P

17 Aug · The Hindu · satyadheesh.in/news/106701

AI-Powered Sanskrit Lessons: EMRC Bags ₹70 Lakh Project to Create 440 Digital Courses

WHY IN NEWS The Ministry of Education awarded a ₹70 lakh project to EMRC (Osmania University) to develop 440 AI-powered digital Sanskrit lessons to preserve and promote Indian Knowledge Systems.

- BODY** | EMRC: Educational Multimedia Research Centre of Osmania University
- FACT** | Project budget: ₹70 lakh for 440 digital Sanskrit lessons
- S&T** | AI is being utilized for the creation and delivery of digital educational content
- BODY** | IIT Bombay is the coordinating body for the Indian Knowledge Systems division project

MAINS Q Discuss how the integration of Artificial Intelligence in preserving traditional Indian Knowledge Systems can enhance the reach of heritage education in the digital age.

USE: Indian Knowledge Systems Digital Pedagogy Artificial Intelligence Cultural Preservation Educational Infrastructure

IT, AI, SEMICONDUCTORS & COMPUTING

P

17 Aug · The Hindu · satyadheesh.in/news/106696

CSIR-IICT and Re Sustainability team up to tackle plastic recycling, aim for measurable impact

WHY IN NEWS CSIR-IICT and Re Sustainability signed an MoU to develop technologies for plastic recycling and carbon capture to promote a circular economy.

- BODY** | CSIR-IICT: A premier research institute under the Council of Scientific and Industrial Research.
- S&T** | Carbon Capture: Technology to capture CO2 emissions from industrial sources to reduce greenhouse gas impact.
- FACT** | Re Sustainability Limited has over three decades of experience in waste management and circular economy solutions.

MAINS Q Discuss how public-private partnerships in waste management and circular economy technologies can contribute to India's net-zero goals.

USE: Circular Economy Carbon Capture Waste Management Sustainable Development Public-Private Partnership

JetZero's Z4 'manta ray' aircraft aims for 5,750-mile flights with 30-50% less fuel

WHY IN NEWS JetZero unveiled the Z4 'manta ray' aircraft, a next-generation aviation technology designed to significantly reduce fuel consumption for long-haul flights.

- S&T** | Z4 'manta ray' is a long-haul aircraft designed for 30-50% fuel efficiency improvement.
- FACT** | The aircraft is designed to carry up to 250 passengers over a range of 5,750 miles.
- FACT** | A \$3 billion U.S. government deal funds the manufacturing facility in North Carolina.
- S&T** | The Jet1 demonstrator's first flight is scheduled for 2027, with commercial operations targeted for the early 2030s.

MAINS Q Discuss how advancements in aviation technology and fuel-efficient aircraft contribute to achieving global climate targets and sustainable economic growth.

USE: sustainable aviation fuel efficiency decarbonization technological innovation green economy

AI chatbots linked to suicides, murders spark regulatory pushback against tech giants

WHY IN NEWS Max Tegmark and other experts are pushing for stricter AI regulations following reports of suicides and murders linked to AI chatbots.

- S&T** | Future of Life Institute: An organization focused on the long-term effects of AI and biotechnology.
- POST** | Max Tegmark: Professor of Physics at MIT and AI safety advocate.
- FACT** | AI chatbots have been linked to incidents of self-harm and violence, prompting calls for regulatory oversight.

MAINS Q Discuss the ethical challenges and safety risks posed by advanced Artificial Intelligence. How can governments balance technological innovation with the need for robust regulatory frameworks?

USE: Algorithmic accountability AI Ethics Regulatory oversight Technological risks Safety protocols

Environment & Ecology

1

Supreme Court: Protect Elephant Corridors, No Obstructions Despite Crop Damage

WHY IN NEWS The Supreme Court directed the Ministry of Environment, Forest and Climate Change to survey elephant corridor obstructions, prioritizing wildlife movement over crop damage.

- BODY** | MoEFCC: Ministry of Environment, Forest and Climate Change is the nodal body for wildlife protection.
- ENVIRONMENT** | Elephant corridors: Designated pathways used by elephants to move between fragmented habitats.
- FACT** | The court explicitly prohibited the use of firearms or coercive actions against elephants.

MAINS Q Discuss the challenges in balancing human-wildlife conflict with the conservation of migratory corridors in India's fragmented ecosystems.

USE: Human-wildlife conflict Habitat fragmentation Biodiversity conservation Ecological corridors Sustainable coexistence

IMD Red Alert: Odisha Evacuates 2.37 Lakh as Floods Hit 5 Lakh People

WHY IN NEWS Odisha government evacuated over 2.37 lakh people as heavy rains and a depression in the Bay of Bengal caused severe flooding in several districts.

- PLACE** | Bhadrak, Jajpur, Balasore, Keonjhar, and Mayurbhanj are districts in Odisha.
- S&T** | IMD (India Meteorological Department) is the official agency for forecasting tropical cyclones and depressions in the Bay of Bengal.
- FACT** | Over 2.37 lakh people were evacuated to relief camps during the flood emergency.

MAINS Q Discuss the challenges faced by coastal states in managing flood disasters and suggest measures to enhance disaster resilience in India.

USE: disaster management climate resilience early warning systems mitigation strategies

Internal Security

Amit Shah Announces Arrest of 253 in ISI-Backed Terror Raids Ahead of Independence Day

WHY IN NEWS Home Minister Amit Shah announced the dismantling of the 'Shahzad Bhatti' network, an ISI-backed terror module, following raids across 14 states.

- FACT** | 253 individuals arrested in the crackdown against the Shahzad Bhatti network.
- FACT** | The operation spanned 14 states including Uttar Pradesh, Haryana, Delhi, and Punjab.
- FACT** | Seized items included grenades, pistols, IEDs, and spy equipment.

MAINS Q Discuss the challenges faced by Indian security agencies in neutralizing cross-border terror modules and the role of intelligence-led policing in maintaining internal security.

USE: cross-border terrorism internal security intelligence-led policing national security ISI-backed modules



TELEGRAM



WEBSITE

Get it every morning on Telegram

Daily PDF + quiz at 5 AM · weekly review every Sunday · English and Hindi · free, no sign-up.

t.me/satyadheesh · satyadheesh.in/upsc/reports

Notes are generated from SatyaDheesh's news feed and mapped to the UPSC CSE syllabus. Verify facts with the original report or PIB before using them in an answer.