



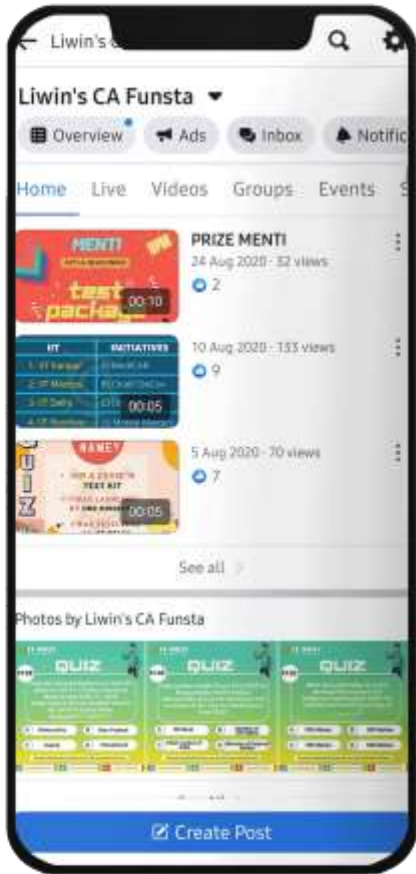
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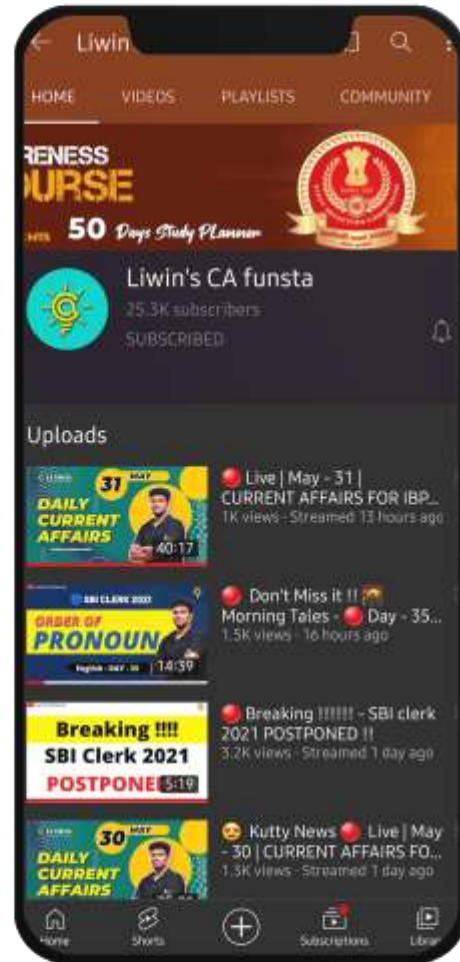
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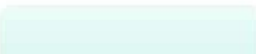


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Important Days



➤ **Who is hosting the World Environment Day 2024 celebrations?**

- A) United States
- B) China
- C) India
- D) Kingdom of Saudi Arabia
- E) Brazil

Answer

D) Kingdom of Saudi Arabia



Important Days



Event and Location:

- **Event:** World Environment Day (WED)
- **Location:** Kingdom of Saudi Arabia
- **Date:** 5 June 2024
- **Theme:** 'Our Land - Our Future, We are #GenerationRestoration'
- **Significance:** Focus on land restoration, desertification, and drought resilience



Important Days



Mandates and Objectives:

- **Raising Awareness:** World Environment Day aims to highlight various environmental problems such as air pollution, climate change, plastic pollution, illegal wildlife trade, sustainable consumption, sea-level rise, and food security.
- **Promoting Action:** It serves as a platform to promote environmental changes and sustainable practices, encouraging people globally to engage in activities that benefit the environment.
- **Focus for 2024:** Land restoration, combating desertification, and enhancing drought resilience will be key topics of discussion during the 2024 celebrations.



Important Days



History and Significance:

- **Established:** By the United Nations Environment Programme (UNEP) in 1972.
- **First Celebrated:** In 1973, and observed annually on 5 June.
- **Global Participation:** Tens of millions of people participate worldwide, making it one of the biggest international events for the environment.
- **Annual Themes:** Each year a different theme is chosen to focus on specific environmental issues. Past themes have included plastic pollution, illegal wildlife trade, air pollution, and food waste.



Important Days



Important Terms Explained:

- **Land Restoration:** The process of ecological restoration to recover degraded, damaged, or destroyed ecosystems and habitats.
- **Desertification:** The process by which fertile land becomes desert, typically as a result of drought, deforestation, or inappropriate agriculture.
- **Drought Resilience:** The ability of an ecosystem or community to resist, absorb, and recover from drought conditions.



Important Days



Static GK Information:

- **United Nations Environment Programme (UNEP):**
 - **Founded Year:** 1972
 - **Headquarters:** Nairobi, Kenya
 - **Executive Director:** Inger Andersen
- **Kingdom of Saudi Arabia:**
 - **Capital:** Riyadh
 - **Currency:** Saudi Riyal
 - **Prime Minister:** Crown Prince Mohammed bin Salman



Important Days



Tabular Summary:

Event	Location	Date	Theme	Significance
World Environment Day	Kingdom of Saudi Arabia	5 June 2024	'Our Land - Our Future, We are #GenerationRestoration'	Focus on land restoration, desertification, and drought resilience



Important Days



➤ **What is the estimated economic loss due to illegal, unreported, and unregulated fishing annually?**

- A) US\$1–5 billion
- B) US\$5–10 billion
- C) US\$10–23 billion
- D) US\$25–30 billion
- E) US\$30–50 billion

Answer

C) US\$10–23 billion



Important Days



Event and Location:

- **Event:** International Day for the Fight Against Illegal, Unreported and Unregulated Fishing
- **Location:** Global



Important Days



Mandates and Objectives:

- **Objective:** To effectively regulate harvesting and end overfishing, illegal, unreported, and unregulated fishing, and destructive fishing practices.
- **Target 4 of Goal 14:** Part of the Sustainable Development Agenda adopted in 2015 by the UN General Assembly.
- **FAO Code of Conduct for Responsible Fisheries (1995):** Voluntary guidelines for responsible fishing practices.
- **Port State Measures Agreement (2009):** Binding agreement to prevent, deter, and eliminate IUU fishing, entered into force on 5 June 2016.



Important Days



History and Significance:

- **Background:** In 2015, the General Fisheries Commission for the Mediterranean of the FAO proposed an initiative to declare an International Day for the Fight Against Illegal, Unreported, and Unregulated Fishing.
- **Official Recognition:** The proposal was endorsed by the FAO Committee on Fisheries and approved by the FAO Conference in 2017.
- **UN Proclamation:** The UN General Assembly proclaimed 5 June as the International Day for the Fight Against Illegal, Unreported, and Unregulated Fishing in December 2017.



Important Days



Important Terms Explained:

- **Illegal, Unreported, and Unregulated (IUU) Fishing:** Fishing activities that violate national laws or international obligations, are not reported, or are conducted by vessels without nationality.
- **FAO Code of Conduct for Responsible Fisheries:** A set of voluntary guidelines aimed at ensuring sustainable fishing practices.
- **Port State Measures Agreement:** An international treaty designed to prevent illegally caught fish from entering markets.



Important Days



Key Highlights

- **Impact of IUU Fishing:** Responsible for the loss of 11–26 million tonnes of fish annually, valued at US\$10–23 billion.
- **Global Food Security:** Fish is a crucial commodity for achieving food security, particularly in a world with a growing population and persistent hunger.
- **FAO Efforts:** Actively engaged in raising awareness and promoting sustainable fishing practices to mitigate the impacts of IUU fishing.



Important Days



Static GK Information:

- **FAO (Food and Agriculture Organization):**
 - **Founded Year:** 1945
 - **Headquarters:** Rome, Italy
 - **Director-General:** Qu Dongyu
- **UN General Assembly:**
 - **Established:** 1945
 - **Location:** New York, USA
 - **Current President:** Dennis Francis



Important Days



Tabular Summary:

Event	Location	Date	Objective	Significance
International Day for the Fight Against IUU Fishing	Global	5 June (annually)	End overfishing, illegal, unreported, and unregulated fishing	Marking the entry into force of the Port State Measures Agreement



RANKING



➤ Which Indian institutes are listed in the top 150 in QS World University Ranking 2025?

- A) IIT Madras and IIT Delhi
- B) IIT Bombay and IIT Delhi
- C) IIT Bombay and IIT Kharagpur
- D) IIT Kanpur and IIT Madras
- E) IISc Bengaluru and IIT Bombay



Answer

B) IIT Bombay and IIT Delhi



RANKING



Event and Location:

- **Event:** QS World University Ranking 2025
- **Location:** Global



RANKING



Mandates and Objectives:

- **Purpose:** To rank global universities based on various performance indicators.
- **Criteria:** Academic reputation, employer reputation, faculty/student ratio, citations per faculty, international faculty ratio, and international student ratio.



RANKING



History and Significance

- **QS World University Rankings:** An annual publication of university rankings by Quacquarelli Symonds (QS).
- **MIT:** Retained the top position for the 13th consecutive year.
- **Indian Universities:** Significant improvements in rankings, with IIT Bombay and IIT Delhi featuring in the top 150.



RANKING



Important Terms Explained:

- **QS World University Rankings:** A global university ranking system that evaluates institutions on various parameters of performance.
- **Citations per Faculty (CpF):** A measure of the impact and quality of research produced by universities.
- **International Faculty Ratio and International Student Ratio:** Indicators of the level of internationalization of an institution.



RANKING



Key Highlights

- **IIT Bombay:** Climbed from 149 to 118, achieving the top spot in India.
- **IIT Delhi:** Improved from 197 to 150, securing the second position in India.
- **Other Indian Institutes:** IISc Bengaluru, IIT Kharagpur, IIT Madras, IIT Kanpur, and University of Delhi also showed significant rank improvements.



RANKING



Static GK Information:

- **Massachusetts Institute of Technology (MIT):**
 - **Country:** United States
 - **Top Rank:** Retained for the 13th consecutive year
- **IIT Bombay:**
 - **Country:** India
 - **2025 Rank:** 118
- **IIT Delhi:**
 - **Country:** India
 - **2025 Rank:** 150



RANKING



Tabular Summary:

Event	Location	Date	Top Indian Institutes	Significance
QS World University Ranking 2025	Global	June 2024	IIT Bombay, IIT Delhi	Highlighted the top-ranking universities globally and improvements in Indian institutes' rankings



➤ Which country in South America has partnered with NPCI International to adopt UPI technology?

- A) Brazil
- B) Argentina
- C) Chile
- D) Peru
- E) Colombia



Answer
D) Peru



Event and Location:

- **Event:** Partnership agreement to enable UPI-like payments system
- **Location:** New Delhi, India
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** To establish a UPI-like real-time payments platform in Peru.
- **Scope:** Empower the Reserve Bank of Peru to facilitate instant payments between individuals and businesses, enhancing the country's financial infrastructure.



History and Significance

- **Significance:** This partnership makes Peru the first country in South America to adopt the UPI technology, marking a significant milestone in the global expansion of UPI.
- **Development:** NPCI International Payments Ltd (NIPL) and the Reserve Bank of Peru (BCRP) announced the collaboration, aiming to foster economic growth through advanced payment infrastructure.



Important Terms Explained:

- **Unified Payments Interface (UPI):** A real-time payment system developed by the National Payments Corporation of India (NPCI), facilitating instant money transfers between bank accounts via mobile devices.
- **NPCI International Payments Ltd (NIPL):** A wholly owned subsidiary of NPCI, focused on internationalizing NPCI's payment systems.



Key Highlights

- **Announcement:** The partnership was announced by NPCI International and the Central Reserve Bank of Peru (BCRP).
- **Leadership:** NIPL CEO Ritesh Shukla emphasized the aim to strengthen Peru's financial infrastructure.
- **Economic Impact:** The real-time payments platform is expected to foster economic growth by enabling efficient and instant payment solutions.



Static GK Information:

- **National Payments Corporation of India (NPCI):**
 - **Founded:** 2008
 - **Headquarters:** Mumbai, India
 - **Current CEO:** Dilip Asbe
- **Reserve Bank of Peru (BCRP):**
 - **Founded:** 1922
 - **Headquarters:** Lima, Peru
 - **Current Governor:** Julio Velarde



BANKING AND FINANCE



Tabular Summary:

Event	Location	Date	Organizations Involved	Significance
Partnership for UPI-like payments	New Delhi, India	5 June 2024	NPCI International Payments Ltd, Reserve Bank of Peru	Peru becomes the first South American country to adopt UPI technology



➤ **What mandate did SEBI introduce regarding the payout of securities to clients starting October 14, 2024?**

- A) Payout through brokers
- B) Direct payout to client accounts
- C) Payout through mutual funds
- D) Payout via third-party agencies
- E) Payout in cash only

Answer

B) Direct payout to client accounts



Event and Location:

- **Event:** SEBI mandate on direct payout of securities to clients
- **Location:** Mumbai, India
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** To protect clients' securities and ensure brokers segregate clients' securities, preventing misuse.
- **Implementation Date:** Mandatory from October 14, 2024.



History and Significance

- **Current Process:** Securities are pooled by brokers and then credited to client demat accounts.
- **New Process:** Securities for payout will be directly credited to client demat accounts by clearing corporations (CCs).



Important Terms Explained:

- **Securities and Exchange Board of India (SEBI):** The regulatory body for securities and commodity markets in India.
- **Clearing Corporations (CCs):** Entities responsible for clearing and settlement of trades in the securities market.



Key Highlights

- **New Proposal:** Direct credit of securities to client demat accounts by CCs.
- **Handling Shortages:** Trading members will manage shortages due to internal netting of positions through auctions specified by CCs.
- **No Extra Charges:** Brokers cannot levy additional charges on clients beyond those levied by CCs.



Static GK Information:

- **Securities and Exchange Board of India (SEBI):**
 - **Founded:** 1988
 - **Headquarters:** Mumbai, India
 - **Chairman:** Madhabi Puri Buch



BANKING AND FINANCE



Tabular Summary:

Event	Location	Date	Mandate	Significance
SEBI mandate on securities payout	Mumbai, India	5 June 2024	Direct payout to client demat accounts	Enhances protection of client securities and prevents misuse



AWARDS



➤ **Who was honored with the Hindi Sahitya Bharati Award?**

- A) Rakesh Sharma
- B) Amitabh Bachchan
- C) Krishna Prakash
- D) Rajnath Singh
- E) Arundhati Roy

Answer

C) Krishna Prakash



AWARDS



Event and Location:

- **Event:** Hindi Sahitya Bharati Award
- **Location:** Mumbai, Maharashtra, India
- **Date:** 3 June 2024
- **Awardee:** Krishna Prakash



AWARDS



Mandates and Objectives:

- **Award Purpose:** To recognize significant contributions to Hindi literature and culture.
- **Festival Highlights:** The Sab Me Ram Shashwat Shri Ram multicultural festival included music, literature, dance, and theatre to narrate Lord Ram's story.
- **Krishna Prakash's Role:** He emphasized the strength derived from Lord Ram's teachings and has been instrumental in conceptualizing the festival to engage and educate the public.



AWARDS



History and Significance

- **Background:** The Hindi Sahitya Bharati initiative was formed to bring intellectuals together to enhance cultural and literary efforts in India.
- **Significance:** The initiative reflects India's deep cultural and spiritual ethos, promoting universal brotherhood and harmony through Hindi literature.



AWARDS



Important Terms Explained:

- **Force One:** An elite counter-terrorism unit of Mumbai Police, led by Krishna Prakash.
- **Hindi Sahitya Bharati Award:** An annual award recognizing outstanding contributions to Hindi literature.
- **Sab Me Ram Shashwat Shri Ram Festival:** A multicultural festival aimed at presenting Lord Ram's narrative through various artistic forms.



AWARDS



Static GK Information:

- **Krishna Prakash:**
 - **Position:** Head of Mumbai Police's Force One unit
 - **Notable Achievements:** Two-time Guinness World Record holder, soon to achieve a third for initiating the maximum number of letters through postcards to Lord Ram.
- **Mumbai:**
 - **State:** Maharashtra, India
 - **Known For:** Economic capital of India, rich cultural heritage, and Bollywood.



AWARDS



Tabular Summary:

Event	Location	Date	Awardee	Significance
Hindi Sahitya Bharati Award	Mumbai, Maharashtra, India	3 June 2024	Krishna Prakash	Recognizes contributions to Hindi literature and culture
Sab Me Ram Shashwat Shri Ram Festival	Mumbai, Maharashtra, India	3 June 2024	Krishna Prakash	Emphasized the teachings of Lord Ram and promoted cultural and literary engagement



AWARDS



➤ **Who has been selected for the Gudleppa Hallikeri Award for 2024?**

- A) Veeranna Chekki
- B) Shashi Sali
- C) Basavaraj Horatti
- D) Siddalinga Pattanashetti
- E) Prof PL Patil

Answer

D) Siddalinga Pattanashetti



AWARDS



Event and Location:

- **Event:** Gudleppa Hallikeri Award presentation
- **Location:** Gandhi Grameen Gurukul, Hosaritti, Haveri district
- **Date:** 6 June 2024



AWARDS



Mandates and Objectives:

- **Award Purpose:** To honor notable personalities in various fields.
- **Award Details:** Includes Rs 25,000 cash and a memento.
- **Additional Efforts:** Establishment of a photo museum of freedom fighter Gudleppa Hallikeri at Gandhi Grameen Gurukul.



AWARDS



History and Significance

- **Gudleppa Hallikeri Award:** This is the 19th award presented in honor of Gudleppa Hallikeri's birth anniversary.
- **Gudleppa Hallikeri:** A freedom fighter with a significant impact on the Indian independence movement and political career.



AWARDS



Important Terms Explained:

- **Gudleppa Hallikeri Award:** An annual award recognizing individuals for their contributions to society, named after the freedom fighter Gudleppa Hallikeri.
- **Gandhi Grameen Gurukul:** An educational institution in Hosaritti known for traditional and state board education.



AWARDS



Key Highlights

- **Award Recipient:** Siddalinga Pattanashetti, a veteran writer, selected for the 2024 Gudleppa Hallikeri Award.
- **Inauguration:** The award function will be inaugurated by Basavaraj Horatti, chairperson of Karnataka Legislative Council.
- **Keynote Speaker:** Veeranna Rajur, president of the Prof MM Kalburgi Memorial.
- **Museum Inauguration:** A photo museum featuring over 300 photographs of Gudleppa Hallikeri will be displayed.



AWARDS



Static GK Information:

- **Gudleppa Hallikeri:**
 - **Notable Roles:** Freedom fighter, political leader.
 - **Legacy:** Significant contributions to the Indian independence movement.
- **Gandhi Grameen Gurukul:**
 - **Location:** Hosaritti, Haveri district, Karnataka
 - **Focus:** Traditional education and state board curriculum.
- **Basavaraj Horatti:**
 - **Position:** Chairperson of Karnataka Legislative Council



AWARDS



Tabular Summary:

Event	Location	Date	Award Recipient	Significance
Gudleppa Hallikeri Award presentation	Gandhi Grameen Gurukul, Hosaritti	6 June 2024	Siddalinga Pattanashetti	Honors contributions to various fields, commemorates birth anniversary of Gudleppa Hallikeri



➤ **Which country assisted Pakistan in launching its communication satellite?**

- A) Russia
- B) United States
- C) China
- D) India
- E) Japan

Answer
C) China



Event and Location:

- **Event:** Launch of a communication satellite, PakSAT-MM1
- **Location:** Xichang Satellite Launch Center, Sichuan province, China
- **Date:** 30 May 2024



Mandates and Objectives:

- **Satellite Purpose:** Enhance communication services, including internet, TV broadcasts, cellular connectivity, and broadband.
- **International Collaboration:** Strengthen technological and strategic partnership between Pakistan and China.
- **Future Plans:** The satellite services are set to launch in August 2024.



History and Significance

- **Pakistan's Space Program:** This launch is part of Pakistan's ongoing efforts to improve its space technology and communication infrastructure.
- **China's Role:** China has been a significant partner in assisting Pakistan with its space endeavors, providing technical support and expertise.



Important Terms Explained:

- **PakSAT-MM1:** A high-power multimission satellite designed to provide a range of communication services.
- **SUPARCO:** Pakistan's Space & Upper Atmosphere Research Commission, responsible for space research and development.
- **Long March 3B:** A carrier rocket used by China to launch the satellite.
- **Beidou Navigation Satellite System (BDS):** China's satellite navigation system, an alternative to the U.S. GPS system.



Static GK Information:

- **Pakistan:**
 - **Capital:** Islamabad
 - **Currency:** Pakistani Rupee
 - **Prime Minister:** Shahbaz Sharif
- **China:**
 - **Capital:** Beijing
 - **Currency:** Renminbi (Yuan)
 - **President:** Xi Jinping
- **SUPARCO:**
 - **Founded Year:** 1961
 - **Headquarters:** Karachi, Pakistan
 - **Primary Function:** Space research and satellite development



SCIENCE AND TECHNOLOGY



Tabular Summary:

Event	Location	Date	Assistance By	Significance
Launch of communication satellite	Xichang Satellite Launch Center, China	30 May 2024	China	Enhancing communication capabilities and strengthening strategic ties



➤ **What is the name of ISRO's new CFD software for aerodynamic design and analysis?**

- A) BrahMos
- B) Agni
- C) PraVaHa
- D) Gaganyaan
- E) Vikram

Answer
C) PraVaHa



Event and Location:

- **Event:** Development of PraVaHa software
- **Location:** Vikram Sarabhai Space Centre (VSSC), India



Mandates and Objectives:

- **Objective:** To simulate external and internal flows on aerospace vehicles for aerodynamic design and analysis.
- **Application:** Used extensively in the Gaganyaan program for human-rated launch vehicles.



History and Significance

- **Background:** Developed to replace commercial CFD software, facilitating indigenous solutions for complex aerodynamic problems.
- **Significance:** Supports India's goal of Atmanirbhar Bharat (self-reliant India) by enhancing aerospace technology capabilities.



Important Terms Explained:

- **Computational Fluid Dynamics (CFD):** A branch of fluid mechanics that uses numerical analysis and algorithms to solve problems involving fluid flows.
- **Thermal Protection System (TPS):** A material or system used to protect aerospace vehicles from extreme temperatures during re-entry.



Key Highlights

- **Software Name:** PraVaHa (Parallel RANS Solver for Aerospace Vehicle Aero-thermo-dynamic Analysis).
- **Capabilities:** Simulates airflow for Perfect Gas & Real Gas conditions; designed for CPU and GPU architectures.
- **Applications:** Aerodynamic analysis of launch vehicles, re-entry vehicles, and crew modules.
- **Future Enhancements:** Incorporation of chemical reactions during air dissociation and combustion, particularly for scramjet vehicles.



Static GK Information:

- **ISRO (Indian Space Research Organisation):**
 - **Founded Year:** 1969
 - **Headquarters:** Bengaluru, India
 - **Chairman:** S. Somanath
- **Vikram Sarabhai Space Centre (VSSC):**
 - **Location:** Thiruvananthapuram, Kerala, India
 - **Primary Function:** Development of launch vehicles and associated technologies.



SCIENCE AND TECHNOLOGY



Tabular Summary:

Event	Location	Date	Software	Significance
Development of PraVaHa software	Vikram Sarabhai Space Centre (VSSC), India	Not specified	PraVaHa	Indigenous CFD software for aerodynamic design, aiding Gaganyaan program



➤ Which two organizations have signed a memorandum of understanding to strengthen cooperation in space commercialization?

- A) NASA and ISRO
- B) SpaceX and JAXA
- C) INNOSPACE and UAE Space Agency
- D) Roscosmos and ESA
- E) Blue Origin and CNSA

Answer

C) INNOSPACE and UAE Space Agency



وكالة الإمارات للفضاء
UAE SPACE AGENCY



Event and Location:

- **Event:** Signing of MoU to strengthen cooperation in space commercialization
- **Location:** South Korea
- **Date:** 31 May 2024



Mandates and Objectives:

- **Objective:** To facilitate ongoing cooperation in the development of the space business and realization of the space economy.
- **Infrastructure Development:** Finalizing the selection and construction of an optimal launch site, including necessary infrastructure for satellite launches.



History and Significance

- **Background:** INNOSPACE, a South Korean private spaceflight startup, and the UAE Space Agency aim to collaborate in space commercialization.
- **Significance:** This partnership is expected to bolster the UAE's space commercialization plan and establish INNOSPACE's presence in the Middle Eastern launch service market.



Important Terms Explained:

- **Memorandum of Understanding (MoU):** A formal agreement between two or more parties to establish official partnerships.
- **Space Commercialization:** The development and operation of space-related business activities, including satellite launches and related services.



Key Highlights

- **Visit Details:** The UAE Space Agency delegation visited INNOSPACE facilities from January 31 to February 2, 2024.
- **Facilities Toured:** Paraffin-based solid fuel manufacturing plant in Sejong, launcher assembly facility in Cheongju, and rocket engine hot-fire test facility in Geumsan.
- **Future Prospects:** Collaboration will help in establishing a launch site with a launch pad, launcher assembly facility, and control center.



Static GK Information:

- **UAE Space Agency:**
 - **Founded Year:** 2014
 - **Headquarters:** Abu Dhabi, UAE
 - **Director General:** Mohammed Al Ahbabi
- **INNOSPACE:**
 - **Founded Year:** 2017
 - **Headquarters:** Seoul, South Korea
 - **CEO:** Soojong Kim



SCIENCE AND TECHNOLOGY



Tabular Summary:

Event	Location	Date	Parties Involved	Significance
Signing of MoU for space cooperation	South Korea	31 May 2024	INNOSPACE and UAE Space Agency	Strengthen cooperation in space commercialization and develop launch site infrastructure



➤ Which institution funded the development of the fire rescue assistant drone unveiled by IIT Dharwad?

- A) ISRO
- B) DRDO
- C) TiHAN Foundation, IIT Hyderabad
- D) IIT Bombay
- E) NITI Aayog



Answer

C) TiHAN Foundation, IIT Hyderabad



DEFENCE



Event and Location:

- **Event:** Unveiling of the fire rescue assistant drone
- **Location:** Indian Institute of Technology (IIT) Dharwad
- **Date:** 31 May - 1 June 2024



Mandates and Objectives:

- **Objective:** To create a drone capable of assisting in fire rescue operations.
- **Application:** Firefighting, early fire detection, situational awareness, and crowd management.



History and Significance

- **Development Team:** Directed by Profs. Sudheer Siddapureddy and Ameer Mulla, with funding from TiHAN Foundation, IIT Hyderabad.
- **Significance:** This is purported to be the first fire rescue assistance drone, designed to improve firefighting capabilities and safety.



Important Terms Explained:

- **Thermal Drones:** Drones equipped with thermal cameras that detect infrared radiation, useful for identifying hotspots and assessing fire intensity.
- **TiHAN Foundation:** Technology Innovation Hub on Autonomous Navigation, based at IIT Hyderabad, focused on advancements in autonomous systems.



Key Highlights

- **Workshop:** The drone was unveiled during a two-day workshop on Drone Design and Autonomous Navigation in Fire Rescue (DDANFR 2024).
- **Design:** Features include compact size, powerful performance, flexible protection shields, and soot-resistant sensors.
- **Applications:** Besides fire rescue, potential uses include crowd management in public places like train stations, malls, and pilgrim centers.



Static GK Information:

- **IIT Dharwad:**
 - **Location:** Dharwad, Karnataka, India
 - **Founded Year:** 2016
 - **Director:** Prof. Venkappayya Desai
- **TiHAN Foundation, IIT Hyderabad:**
 - **Established:** 2020
 - **Focus:** Autonomous Navigation and Data Acquisition Systems



DEFENCE



Tabular Summary:

Event	Location	Date	Developed By	Significance
Unveiling of fire rescue drone	IIT Dharwad	31 May - 1 June 2024	IIT Dharwad with funding from TiHAN Foundation	First fire rescue assistant drone; enhances firefighting and safety



➤ **What is the theme of the 3rd Indian Analytical Congress (IAC) held at CSIR-IIP Dehradun?**

- A) Advances in Biotechnology
- B) Innovations in Analytical Chemistry
- C) Role of Science and Technology in Green Transitions
- D) Future of Space Exploration
- E) Sustainable Agricultural Practices

Answer

C) Role of Science and Technology in Green Transitions



Event and Location:

- **Event:** 3rd Indian Analytical Congress (IAC)
- **Location:** Council of Scientific and Industrial Research-Indian Institute of Petroleum (CSIR-IIP), Dehradun
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** To provide a platform for industries, academia, scientists, and technologists in the Analytical Sciences to present solutions in the area.
- **Theme:** "Role of Science and Technology in Green Transitions"



History and Significance

- **Organizer:** Jointly organized by CSIR-IIP and the Indian Society of Analytical Scientists (ISAS-Delhi Chapter).
- **Significance:** Focus on new Advanced Analytical facilities and their role in energy transition, including discussions on CO2 capture, sequestration, and net-zero targets.



Important Terms Explained:

- **CO2 Capture and Sequestration:** The process of capturing and storing carbon dioxide (CO2) to reduce its presence in the atmosphere.
- **Energy Transition:** The global energy sector's shift from fossil-based systems of energy production and consumption to renewable energy sources.



Key Highlights

- **Inauguration:** Prof. S.K. Mehta, Vice-Chancellor, Ladakh University, highlighted the role of educational infrastructure and research facilities in Ladakh.
- **Plenary Talk: Prof.** Rajnish Kumar from IIT Madras discussed the relevance of CO2 capture and sequestration to India's net-zero targets.
- **Sessions:** The conference features five technical sessions with invited talks, researcher presentations, and special plenary sessions.



Static GK Information:

- **CSIR-Indian Institute of Petroleum (CSIR-IIP):**
 - **Location:** Dehradun, Uttarakhand, India
 - **Primary Focus:** Research and development in the field of petroleum refining and petrochemicals.
- **Indian Society of Analytical Scientists (ISAS):**
 - **Established:** 1975
 - **Focus:** Promoting Analytical Science in India



NATIONAL AFFAIRS



Tabular Summary:

Event	Location	Date	Theme	Significance
3 rd Indian Analytical Congress (IAC)	CSIR-IIP, Dehradun	5 June 2024	Role of Science and Technology in Green Transitions	Focus on advanced analytical facilities and their role in energy transition



➤ Which two ministries signed an MoU for the elimination of Tuberculosis in India by 2025?

- A) Ministry of Education and Ministry of Home Affairs
- B) Ministry of Mines and Ministry of Health & Family Welfare
- C) Ministry of Environment and Ministry of Rural Development
- D) Ministry of Science and Technology and Ministry of Defence
- E) Ministry of External Affairs and Ministry of Finance



खान मंत्रालय
MINISTRY OF
MINES



स्वास्थ्य एवं
परिवार कल्याण मंत्रालय
MINISTRY OF
**HEALTH AND
FAMILY WELFARE**

Answer
**B) Ministry of Mines and
Ministry of Health & Family Welfare**



Event and Location:

- **Event:** Signing of MoU for collaborative action towards TB elimination
- **Location:** New Delhi, India
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** Collaborative and convergent action to eliminate Tuberculosis (TB) in India by 2025.
- **Scope:** The partnership involves field actions, awareness initiatives, and capacity building under the National TB Elimination Programme.



History and Significance

- **Signatories:** Smt. Farida M. Naik, Joint Secretary, Ministry of Mines, and Dr. K. K. Tripathy, Economic Advisor, Ministry of Health & Family Welfare.
- **Significance:** This inter-ministerial collaboration aims to leverage the resources and networks of both ministries to combat TB effectively.



Important Terms Explained:

- **Tuberculosis (TB):** An infectious disease usually caused by Mycobacterium tuberculosis bacteria that primarily affects the lungs.
- **National TB Elimination Programme:** An initiative by the Government of India to eliminate TB by 2025 through comprehensive health strategies and awareness programs.



Key Highlights

- **Collaborative Actions:** The MoU will promote field actions such as webinars and awareness campaigns, engaging CPSEs, and the attached and subordinate offices of the Ministry of Mines.
- **Capacity Building:** The initiative will help train health functionaries of PSU hospitals and health centers to conduct specialized campaigns for TB eradication at the grassroots level.



Static GK Information:

- **Ministry of Mines:**
 - **Established:** 1957
 - **Headquarters:** New Delhi, India
 - **Current Minister:** Pralhad Joshi
- **Ministry of Health & Family Welfare:**
 - **Established:** 1947
 - **Headquarters:** New Delhi, India
 - **Current Minister:** Mansukh Mandaviya



NATIONAL AFFAIRS



Tabular Summary:

Event	Location	Date	Involved Ministries	Significance
Signing of MoU for TB elimination	New Delhi, India	5 June 2024	Ministry of Mines and Ministry of Health & Family Welfare	Collaborative action to eliminate TB in India by 2025



➤ Which two ministries signed an MoU to set up a dedicated Tele MANAS cell for armed forces?

- A) Ministry of Education and Ministry of Home Affairs
- B) Ministry of Defence and Ministry of External Affairs
- C) Ministry of Health & Family Welfare and Ministry of Defence
- D) Ministry of Finance and Ministry of Defence
- E) Ministry of Science and Technology and Ministry of Defence



Answer

C) Ministry of Health & Family Welfare and Ministry of Defence



NATIONAL AFFAIRS



Event and Location:

- **Event:** Signing of MoU to set up dedicated Tele MANAS cell for armed forces
- **Location:** Armed Forces Medical College, Pune
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** To provide specialized mental health assistance to armed forces personnel and their families through a dedicated Tele MANAS cell.
- **Scope:** Operate as a pilot project for two years, providing 24/7 tele-mental health services.



History and Significance

- **Signatories:** Ms. Aradhna Patnaik, AS & MD of MoHFW, and Lt General Daljit Singh, Director General of Armed Forces Medical Services.
- **Inauguration:** The special Tele-MANAS Cell was inaugurated on 1 December 2023 by General Anil Chauhan, Chief of Defence Staff.
- **Significance:** Addresses the unique mental health needs of armed forces personnel, ensuring prompt and effective care.



Important Terms Explained:

- **Tele MANAS:** The National Telemental Health Helpline of MoHFW, providing comprehensive, integrated, and inclusive 24/7 tele-mental health services.
- **District Mental Health Programme (DMHP):** A program offering mental health services at the district level, extended digitally through Tele MANAS.



Key Highlights

- **Calls Received:** Since its launch in October 2022, Tele MANAS has received over 10 lakh calls, with an average of 3,500 calls per day.
- **Operational Cells:** Currently, 51 Tele MANAS cells are operational across all 36 States and Union Territories, offering services in 20 different languages.
- **Specialized Care:** The dedicated Tele MANAS cell for armed forces will cater to the unique stressors faced by military personnel.



Static GK Information:

- **Ministry of Health & Family Welfare (MoHFW):**
 - **Established:** 1947
 - **Headquarters:** New Delhi, India
 - **Current Minister:** Mansukh Mandaviya
- **Ministry of Defence (MoD):**
 - **Established:** 1947
 - **Headquarters:** New Delhi, India
 - **Current Minister:** Rajnath Singh



NATIONAL AFFAIRS



Tabular Summary:

Event	Location	Date	Involved Ministries	Significance
Signing of MoU for Tele MANAS cell	Armed Forces Medical College, Pune	5 June 2024	Ministry of Health & Family Welfare and Ministry of Defence	Dedicated mental health assistance helpline for armed forces personnel



➤ **What was inaugurated and launched by the Secretary, MeitY on World Environment Day 2024?**

- A) Air Quality Monitoring System and Clean Air Initiative
- B) Environmental Protection App and Climate Control Device
- C) Indigenous Air Quality Monitoring System (AQ-AIMS) and Air-Pravah App
- D) Green Technology Framework and Eco-Friendly Transport App
- E) Water Quality Monitoring System and Water Conservation App



Answer

C) Indigenous Air Quality Monitoring System (AQ-AIMS) and Air-Pravah App



Event and Location:

- **Event:** Inauguration of Indigenous Air Quality Monitoring System (AQ-AIMS) and launch of Air-Pravah App
- **Location:** MeitY, New Delhi
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** To monitor environmental pollutants and provide real-time Air Quality Index (AQI) data.
- **Scope:** Developed under MeitY-supported technologies to cater to the needs of industries for air quality monitoring.



History and Significance

- **Development:** The AQ-AIMS and Air-Pravah App were developed by the Centre for Development of Advanced Computing (C-DAC), Kolkata, in collaboration with TeXMIN (ISM, Dhanbad) and J M Envirolab Pvt Ltd.
- **Significance:** A cost-effective, 'Make in India' solution to replace conventional air quality monitoring instruments.



Important Terms Explained:

- **AQ-AIMS:** An Indigenous Air Quality Monitoring System that monitors environmental pollutants like PM 1.0, PM 2.5, PM 10, SO₂, NO₂, O₃, CO, CO₂, Temperature, and Humidity.
- **Air-Pravah App:** A mobile application providing real-time Air Quality Index (AQI) data, supporting data visualization, remote monitoring, and analysis tools.



Key Highlights

- **Features of AQ-AIMS:** Cost-effective, real-time monitoring, validated for various air parameters, available in three variants.
- **Air-Pravah App:** Provides quick setup, real-time data visualization, AQI comparison, multi-device support, and automatic updates.
- **Commercialization:** The system is being commercialized by J M Envirolab Pvt Ltd and will be available through the GeM portal.



Static GK Information:

- **MeitY (Ministry of Electronics and Information Technology):**
 - **Established:** 2016 (current form)
 - **Headquarters:** New Delhi, India
 - **Current Secretary:** S Krishnan
- **C-DAC (Centre for Development of Advanced Computing):**
 - **Established:** 1988
 - **Headquarters:** Pune, India
 - **Director General:** E Magesh



NATIONAL AFFAIRS



Tabular Summary:

Event	Location	Date	Developed By	Significance
Inauguration of AQ-AIMS and launch of Air-Pravah App	MeitY, New Delhi	5 June 2024	C-DAC Kolkata, TeXMIN, J M Envirolab	Indigenous, cost-effective air quality monitoring system under 'Make in India' initiative



➤ What was the focus of the National Stakeholder Workshop organized by UNESCO and MeitY?

- A) Advances in Renewable Energy
- B) Ethics of Artificial Intelligence
- C) Space Exploration Initiatives
- D) Digital Education Programs
- E) Climate Change Adaptation

Answer

B) Ethics of Artificial Intelligence



इलेक्ट्रॉनिकी एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
**ELECTRONICS AND
INFORMATION TECHNOLOGY**



NATIONAL AFFAIRS



Event and Location:

- **Event:** National Stakeholder Workshop on Safe, Trusted and Ethical AI
- **Location:** Taj Palace Hotel, New Delhi
- **Date:** 5 June 2024



Mandates and Objectives:

- **Objective:** To integrate safe, trusted, and ethical AI considerations into national and state-level AI strategies and programs.
- **Scope:** Ensuring AI deployment aligns with public welfare and adheres to international norms and standards.



History and Significance

- **Organizers:** UNESCO South Asia Regional Office and the Ministry of Electronics and Information Technology (MeitY), Government of India.
- **Significance:** The workshop follows the approval of the IndiaAI Mission, which has been allocated over Rs 10,000 crore to bolster India's AI ecosystem.



Important Terms Explained:

- **IndiaAI Mission:** An initiative to foster the development and adoption of AI in India, aiming to add nearly \$500 billion to India's GDP by 2025.
- **UNESCO Recommendation on Ethics of AI:** An international standard-setting instrument adopted in November 2021 by all 193 UNESCO Member States to ensure ethical AI development and deployment.



Key Highlights

- **Inaugural Session:** Featured dignitaries including Prof Ajay Kumar Sood, Principal Scientific Adviser to the Government of India, and Shri Abhishek Singh, Additional Secretary, MeitY.
- **Discussions:** Focused on safe and trusted AI, ethical implications, societal impact, and the current AI policy landscape in India.
- **Participation:** Senior officials from various Central Line Ministries, State Governments, NITI Aayog, and industry partners like NASSCOM.



Static GK Information:

- **Ministry of Electronics and Information Technology (MeitY):**
 - **Established:** 2016 (current form)
 - **Headquarters:** New Delhi, India
 - **Current Secretary:** S Krishnan
- **UNESCO (United Nations Educational, Scientific and Cultural Organization):**
 - **Founded:** 1945
 - **Headquarters:** Paris, France
 - **Director-General:** Audrey Azoulay



NATIONAL AFFAIRS



Tabular Summary:

Event	Location	Date	Organizers	Significance
National Stakeholder Workshop on Ethics of AI	Taj Palace Hotel, New Delhi	5 June 2024	UNESCO South Asia Regional Office and MeitY	Focus on integrating safe, trusted, and ethical AI considerations into national and state-level AI strategies



QUICK RECALL



- **World Environment Day 2024 is on 5 June, hosted by Saudi Arabia.**
- **IUU fishing causes \$10-23 billion loss annually, 11-26 million tonnes.**
- **IIT Bombay and IIT Delhi in top 150 of QS 2025.**
- **Peru partners with NPCI International to adopt UPI technology.**
- **SEBI mandates direct payout of securities to clients starting October 14, 2024.**
- **Krishna Prakash honored with Hindi Sahitya Bharati Award on June 3.**
- **Siddalinga Pattanashetti receives Gudleppa Hallikeri Award on June 6.**
- **Pakistan's PakSAT-MM1 launched with China's assistance on May 30.**
- **ISRO develops PraVaHa software for aerodynamic design and analysis.**
- **INNOSPACE and UAE Space Agency sign MoU for space cooperation.**



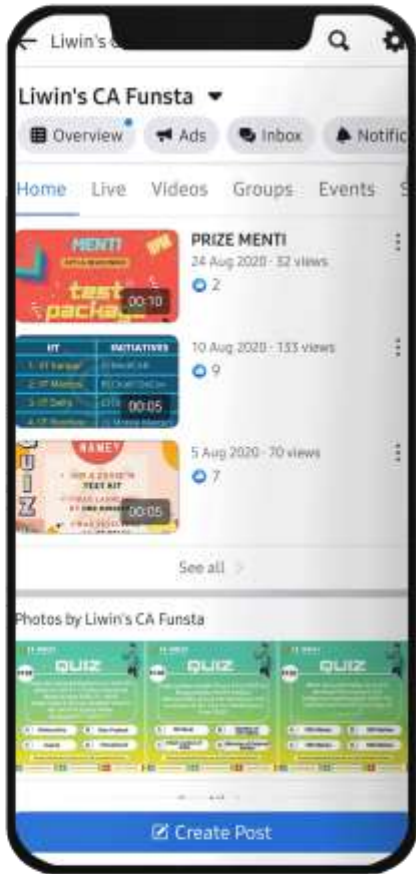
QUICK RECALL



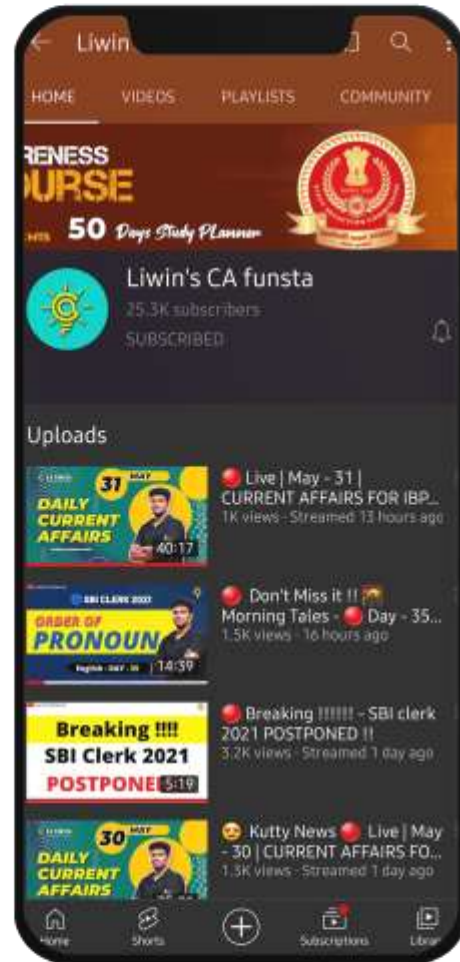
- **IIT Dharwad unveils fire rescue drone funded by TiHAN Foundation.**
- **3rd IAC focuses on "Role of Science and Technology in Green Transitions."**
- **Ministry of Mines and Health sign MoU for TB elimination by 2025.**
- **Health and Defence Ministries sign MoU for dedicated Tele MANAS cell.**
- **MeitY inaugurates AQ-AIMS and launches Air-Pravah App on June 5.**
- **UNESCO and MeitY host workshop on ethics of AI in New Delhi.**



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