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HAL-UAC MoU: India to Begin Domestic Production of SJ-100 Passenger Aircraft for the First Time

- An MoU signed between HAL and Russian UAC for the production of civilian aircraft SJ-100.
- A Memorandum of Understanding has been signed between Hindustan Aeronautics Limited (HAL) and Russia's United Aircraft Corporation (UAC) for the production of SJ-100 commuter aircraft.
- The signing took place in Moscow on October 27, 2025, between Prabhat Ranjan from HAL and Oleg Bogomolov from UAC.
- The SJ-100 is a twin-engine, narrow-body aircraft and to date, over 200 aircraft have been produced and are operated by over 16 commercial airline operators.
- HAL stated that the aircraft will significantly boost regional air connectivity under the UDAN scheme.
- Under the arrangement, HAL will receive manufacturing rights to supply SJ-100 aircraft to domestic customers.
- This will also be the first instance of the production of a full-fledged passenger aircraft in India.
- The last such project was the production of the Avro HS-748 by HAL, which began in 1961 and ended in 1988.
- It is estimated that India will require over 200 aircraft of this category in the next decade for regional routes.
- An additional demand of around 350 aircraft is expected for the Indian Ocean region to serve nearby international tourist destinations.
- HAL emphasized that manufacturing the SJ-100 will support the goal of 'Aatmanirbhar Bharat' and generate both direct and indirect employment.



Justice Surya Kant – 53rd Chief Justice of India (CJI)

- Justice Surya Kant was born on 10 February 1962 in Petwar village, Hisar district of Haryana.
- He completed his schooling at Government Post Graduate College, Hisar, and obtained LLB from Maharishi Dayanand University, Rohtak in 1984.
- He completed LLM from Kurukshetra University through distance mode with First Class First rank.
- He enrolled as an advocate in 1984 and started his practice at the District Court of Hisar.
- He began practicing in the Punjab and Haryana High Court in 1985, specializing in constitutional, service, and civil matters.
- He served as Advocate General of Haryana from 7 July 2000 and was designated as Senior Advocate in 2001.
- He became a Judge of the Punjab and Haryana High Court on 9 January 2004 and later served as Chief Justice of the Himachal Pradesh High Court on 5 October 2018.
- Justice Surya Kant was appointed as a Judge of the Supreme Court of India on 24 May 2019.
- He is expected to assume office as the 53rd Chief Justice of India on 24 November 2025 and will serve till 9 February 2027.



Smriti Mandhana Becomes World No. 1 in ICC Women's ODI Batting Rankings with 828 Points

- Smriti Mandhana ranked World No. 1 in Women's ODI Batting with 828 rating points.
- Indian cricketer Smriti Mandhana has been ranked number one in the ICC Women's ODI batting rankings.
- She has achieved a rating of 828 points, placing her nearly 100 points ahead of the second-ranked Ashleigh Gardner of Australia.
- Her performance in the ICC Women's Cricket World Cup, including a 109 against New Zealand and an unbeaten 34 against Bangladesh, contributed significantly to the ranking rise.
- She was also awarded ICC Women's Player of the Month for September 2025.
- In the bowling rankings, England's Sophie Ecclestone continues to lead with 747 points.
- Australia's Alana King moved into the second position among bowlers.
- Ashleigh Gardner slid to third in the bowling rankings.



British Actress Prunella Scales, Renowned for 'Fawlty Towers', Passes Away at 93

- Actress Prunella Scales, popular for her role in 'Fawlty Towers', passed away at the age of 93.
- On 27 October, British actress Prunella Scales passed away peacefully at her home in London at the age of 93.
- She had been living with vascular dementia since 2013 and had retired from public life.
- She was best known for playing Sybil Fawlty in the BBC sitcom Fawlty Towers (1975–1979).
- She also portrayed Queen Elizabeth II in A Question of Attribution (1991), earning a BAFTA nomination.
- Her career spanned more than 70 years across stage, film, radio, and television.



Argentine President Javier Milei Secures Landslide Victory in Midterm Elections

- Argentine President Javier Milei won a landslide victory in midterm elections.
- A landslide victory has been secured by Argentina's President Javier Milei in the midterm elections.
- His party, La Libertad Avanza, won nearly 41% of the national vote.
- The party gained 13 of the 24 contested Senate seats and 64 of the 127 seats in the lower house.
- President Milei credited the victory to public support for his economic reforms and spending cuts.



India's Industrial Production Rises by 4% in September 2025, Driven by Manufacturing and Infrastructure Growth

- India's industrial production grew by 4% in September 2025.
- The manufacturing sector led the growth. Its output increased by 4.8%.
- Electricity generation increased by 3.1%. Mining activity declined slightly.
- It showed a 0.4% fall compared to last year.
- The IIP growth for August 2025 was revised upward. It now stands at 4.1%, which is higher than earlier estimates.
- Infrastructure goods showed the strongest performance. Their output surged by 10.5%.
- Consumer durables production also increased sharply. It grew by 10.2%, showing strong demand recovery.
- Intermediate goods output grew by 5.3%. This indicates moderate industrial momentum.
- Capital goods output rose by 4.7%. This shows continued investment activity.
- Primary goods showed only a small increase. They grew by 1.4%.
- Consumer non-durable goods declined. Their output fell by 2.9%, pointing to weaker demand.



69th National School Games 2025 Inaugurated in Itanagar by Chief Minister Pema Khandu

- 69th National School Games 2025 inaugurated by Arunachal Pradesh Chief Minister Pema Khandu in Itanagar.
- The event is for under-17 boys and girls in boxing.
- It was inaugurated at the Khelo India Indoor Stadium, Itanagar, Arunachal Pradesh.
- National School Games is being hosted by Arunachal Pradesh for the first time.
- This marks a milestone in the 71-year history of the School Games Federation of India.
- Arunachal Pradesh has been affiliated with the School Games Federation of India since 2008–09.
- Since then, the state has made strong strides in promoting sports among students.
- He said it aligns with the state's mission to become a leading sports hub in the Northeast.



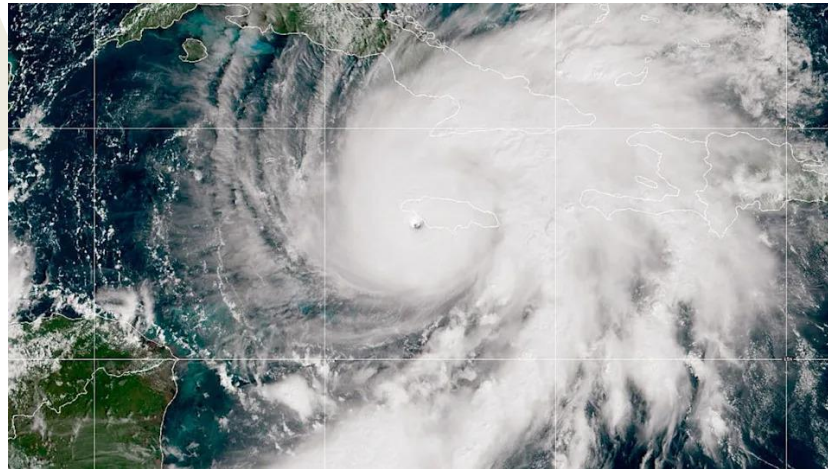
Indian Swimmer Dhinidhi Desinghu Sets New National Record in 400m Freestyle at Asian Youth Games 2025 in Bahrain

- Indian swimmer Dhinidhi Desinghu set a new national record in the women's 400-metre freestyle at the Asian Youth Games 2025 in Bahrain.
- She clocked 4 minutes 21.86 seconds in the final. This broke her previous national record of 4 minutes 24.60 seconds.
- She finished fifth in the event. Aditi Satish Hegde also took part in the same race.
- She secured seventh place. Her timing was 4 minutes 32.00 seconds.
- In the boys' events, Nitishsai Harinath competed in the 50-metre freestyle. He finished fifth with a time of 23.72 seconds.
- Dhakshan Shashikumar took part in the 400-metre freestyle. He placed seventh with a timing of 4 minutes 00.87 seconds.
- Vedant Tandale competed in the 100-metre butterfly. He ranked seventh with a finishing time of 56.31 seconds.
- Asian Youth Games 2025 are being held in Bahrain from 22 to 31 October.
- Asian Youth Games are held every four years among athletes from all over Asia



Hurricane Melissa Slams Jamaica's Northern Coast as Powerful Category 5 Storm

- Hurricane Melissa struck the northern coast of Jamaica.
- It made landfall as a Category 5 storm. The hurricane ranked among the most powerful ever recorded in the Atlantic.
- At its peak, Melissa packed winds of around 175 miles per hour.
- It later weakened to a Category 3 storm while moving toward Cuba.
- Severe destruction has been reported in southwestern Jamaica.
- The storm has caused seven confirmed deaths. More than ten people were reported injured.
- The storm continues to move westward across the northern Caribbean.
- The Saffir–Simpson hurricane wind scale is a tropical cyclone intensity scale.
- It classifies hurricanes into five categories based on the intensities of their sustained winds.
- A tropical cyclone is called a 'hurricane' in the American continent.
- In the Philippines and Japan, it is called a 'typhoon.' In Australia, tropical cyclones are called willy-willys



Third Edition of Pravasi Parichay Cultural Festival Begins in Riyadh, Showcasing India's Diverse Heritage

- The third edition of Pravasi Parichay Cultural Festival is being organised by Embassy of India in Riyadh.
- Pravasi Parichay is a comprehensive cultural festival. It showcases India's diverse heritage from 28 October to 3 November 2025.
- This week-long celebration brings together the Indian diaspora community in Saudi Arabia.
- It brings together community for an extensive display of classical dance, music, folk art, and culinary traditions.
- Pravasi Parichay was launched in 2023. It was launched as the first festival of its kind by the Embassy of India in collaboration with Indian diaspora associations in Saudi Arabia
- The 2023 festival has featured a unique programme conducted in Sanskrit.
- In the 2024 edition, India's linguistic diversity was celebrated by highlighting all eleven classical languages recognised in the country.
- This year's festival includes a special evening dedicated to Gita Mahotsav.
- This year's festival also includes thematic days representing various Indian states.
- Pravasi Parichay also serves multiple diplomatic and community-building objectives.



Pakistan's Lahore city remains the most polluted city of world

- Lahore's air quality has deteriorated to a hazardous AQI level of 312.
- PM2.5 concentrations have increased to 190.5 $\mu\text{g}/\text{m}^3$.
- According to IQAir, this pollution level exceeds WHO's annual air safety guideline by more than 25 times.
- At 10 p.m. on 28 October, Lahore became the world's most polluted major city. It surpassed Delhi (AQI 220) and Kolkata (AQI 170).
- Extremely high PM2.5 exposure poses severe respiratory and cardiovascular health risks.
- WHO's 2021 air quality standards recommend PM2.5 levels not exceeding 5 $\mu\text{g}/\text{m}^3$ annually. The daily limit should not exceed 15 $\mu\text{g}/\text{m}^3$.
- IQAir, a Swiss-based air quality technology firm, provides real-time pollution data. It also supports global air quality improvement efforts.
- The provincial government is deploying artificial rain and smog guns to reduce airborne pollutants.



TEC & IIT Hyderabad Join Hands for 6G, AI, and Next-Gen Telecom Research

- TEC and IIT Hyderabad Join Hands to Advance Research in 6G, AI, and Next-Gen Telecom Technologies
- The **Telecommunication Engineering Centre (TEC)**, under the Department of Telecommunications (DoT), signed an **MoU with IIT Hyderabad to strengthen collaboration in advanced telecom technologies.**
- The partnership will focus on joint studies, research, and technical contributions in areas like 6G, Artificial Intelligence (AI), and Non-Terrestrial Networks (NTNs).
- The MoU aims to develop India-specific standards, create test frameworks, and enhance India's participation in global standardization activities, especially ITU-T Study Groups.

Recent MoU:

- DPIIT signs MoUs with Primus Partners and Kotak Mahindra Bank to strengthen India's startup and innovation ecosystem
- Coal India & IIT Madras Join Hands to Establish Centre for Sustainable Energy
- Ministry of Social Justice Signs MoUs with Three Universities to Establish New Dr Ambedkar Chairs
- Indian Railways to Collaborate with MapmyIndia's Mappls App to Boost Swadeshi Digital Infrastructure
- Goodluck India Signs Tripartite MoU for DRDO's AMCA Programme

