

Economy

ISRO Extends Support: Boost India's Space Startup Ecosystem

Context: The Indian Space Research Organization (ISRO) has recently initiated efforts to support the growth of the country's commercial space industry. This initiative was highlighted by the successful launch of Agnibaan SOrTeD into suborbital space by the Indian startup Agnikul Cosmos.



Technical Assistance for Agnibaan Mission

- ❖ ISRO's Satish Dhawan Space Centre SHAR (SDSC SHAR) played a crucial role in the Agnibaan mission.
- ❖ They assisted in selecting an appropriate location for the suborbital flight, setting up the launchpad, and establishing the control centre.

- ❖ A robust network at the site ensured seamless data and communication links between the launch pad, control centre, and ISRO's main control centre.

Judiciary

Reconstitution of Gender Sensitisation Committee: Supreme Court

Context: The Supreme Court of India has restructured its Gender Sensitization and Internal Complaints Committee (GSICC) in accordance with the 2013 regulations on Gender Sensitization and Sexual Harassment, reaffirming the judiciary's commitment to addressing gender issues.



Committee Leadership

- ❖ The reorganization was led by the Chief Justice of India, who appointed Justice Hima Kohli as the chairperson.

- ❖ Justice BV Nagarathna was selected as a member, and Dr. Sukhda Pritam will serve as the member secretary.
- ❖ This leadership ensures a blend of legal and academic expertise, enhancing the committee's effectiveness.

Membership Composition

- ❖ The committee includes representatives from the Supreme Court Bar Association, the Supreme Court Advocate-on-Record Association, and the Supreme Court Bar Clerks' Association.
- ❖ Additionally, prominent members appointed by the Chief Justice of India, such as Shruti Pandey, Jaideep Gupta, Dr. Leni Chaudhuri, and Dr. Menaka Guruswamy, contribute their expertise, creating a multidisciplinary approach for the committee.

Governance

Telangana Marks Ten Years Since Formation from Andhra Pradesh

Context: Telangana celebrated its Formation Day on June 2, marking ten years since its establishment as India's newest state, carved out of Andhra Pradesh. The Congress-led UPA government facilitated this process by passing the Andhra Pradesh Reorganisation Act.



Linguistic Reorganisation and Andhra Pradesh Creation

- ❖ The demand for states based on linguistic lines led to the creation of Andhra State in 1953, which was formed out of Madras State.
- ❖ Subsequent discussions and the 1956 recommendation by the States Reorganization Committee resulted in the merger of Telangana with Andhra State, creating Andhra Pradesh with Hyderabad as its capital.

Struggle for a Separate Telangana State

- ❖ Persistent disparities and perceived injustices in the late 1960s reignited demands for Telangana's statehood. The movement fluctuated over the years but gained significant momentum when K. Chandrasekar Rao founded the Telangana Rashtra Samithi in 2001.
- ❖ Political shifts and public pressure, particularly following the death of Andhra Pradesh CM Y S Rajasekhara Reddy in 2009, led the central government to agree to the creation of Telangana in 2009. The formal establishment occurred in 2014, with Hyderabad designated as a joint capital for ten years.

International Relation

Claudia Sheinbaum Elected Mexico's First Woman President

Context: With a decisive victory in the recent polls, Claudia Sheinbaum has been elected as Mexico's first female president. According to the National Electoral Institute, Sheinbaum secured between

58 and 60% of the votes, surpassing her closest rival, Xochitl Galvez, by over 30 percentage points.



About Claudia Sheinbaum

- ❖ At 61, Claudia Sheinbaum has made history as the first Jewish president of a predominantly Catholic country and the first woman to hold the presidency in Mexico.
- ❖ She is recognized for her expertise in climate issues and her tenure as the mayor of Mexico City.
- ❖ Her academic and professional background has significantly influenced her political perspectives and campaign strategies.

Science & Technology

Fern's Genome 50 Times Larger Than Human's

Context: Researchers have discovered that the fork fern *Tmesipteris oblancoolata*, native to New Caledonia

and nearby islands, has the largest known genome. Its genome is 7% larger than the previous record holder, *Paris japonica*, and over 50 times larger than the human genome.



Evolutionary Perspective

- ❖ Approximately 350 million years ago, *Tmesipteris oblancoolata* diverged from other plants on its evolutionary path. Despite its enormous genome, there is no apparent advantage in terms of development.
- ❖ Scientists speculate that the fern's large genome size may result from an inability to eliminate unnecessary or repetitive DNA over time.



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