



September - 06

TNPSC BITS

- ❖ PM of India travelled at 300 kmph on Japan's Shinkansen bullet train from Tokyo to Sendai, accompanied by Japanese PM Shigeru Ishiba.
- ❖ T.C.A. Kalyani appointed as India's 29th Controller General of Accounts, which was announced by the finance ministry.

TAMIL NADU NEWS

Tamil Nadu Skill Registry

- ❖ Happy to launch the Tamil Nadu Skill Registry under @naan_mudhalvan skill initiative. This one-stop platform connects students, job seekers, employers & industries.
- ❖ With 13.7 lakh+ profiles from Engineering, Arts & Science, Diploma & ITI streams, industries can now access a skilled talent pool, post jobs & recruit faster.
- ❖ Youth benefitted under our Naan Mudhalvan Scheme are encouraged to update their profiles regularly at <https://naanmudhalvan.tn.gov.in/tnskillregistry> to stay visible & competitive.
- ❖ Our #DravidianModel Government is committed to empowering TN's youth with global opportunities & lasting growth.

- ❖ Tamil Nadu Deputy Chief Minister launched the AI-powered Tamil Nadu Skill Registry (TNSKILL) under the Naan Mudhalvan skill initiative.
- ❖ The digital platform hosts over 13.7 lakh verified youth profiles from engineering, arts and science, diploma, and ITI streams.
- ❖ TNSKILL enables industries and employers to search for skilled candidates using AI-enabled voice search in Tamil and English and chatbot assistance, free of cost.
- ❖ The platform aims to connect Tamil Nadu's skilled youth with job opportunities efficiently.

German State and Tamil Nadu partnership

- ❖ The German state of North Rhine-Westphalia (NRW) and Tamil Nadu shared a strong partnership focused on sustainable development, industrial growth, and innovation.

- ❖ Both regions aim to foster economic collaboration, promote clean energy, and enhance technological advancements.
- ❖ The cooperation includes joint initiatives in renewable energy, smart manufacturing, and skill development programs.



Stalin Meets NRW President

NATIONAL NEWS

Semicon India 2025



SEMICON® India 2025

Discover Your Semiconductor Path:
Insights from Industry, Academia, and Government at the Workforce Development Pavilion

September 2 - 4, 2025
10:00 AM Onwards
Yashobhoomi (IICC), New Delhi

**Global Collaborations
Local Innovations**

- 4 Country Pavilions
- 6 Country Roundtables
- Workforce Development Pavilion

SEMICON® India 2025
September 2 - 4, 2025 | 10:00 AM Onwards
Yashobhoomi (India International Convention and Expo Centre), New Delhi

- ❖ Indian Prime Minister inaugurated Semicon India 2025 in New Delhi on September 2, 2025.
- ❖ India aims to capture a significant share of the global semiconductor market, which is projected to reach one trillion dollars.
- ❖ Five new semiconductor projects were approved in 2025.
- ❖ It was raising the total to ten projects with investments totalling eighteen billion dollars (₹1.5 lakh crore).

Niveshak Didi Phase II



- ❖ The Investor Education and Protection Fund Authority (IEPFA) launched phase II of Niveshak Didi to promote financial literacy among rural women.
- ❖ The initiative aimed to create a financially informed and resilient rural community.
- ❖ The IEPFA operates under the Ministry of Corporate Affairs (MCA).
- ❖ The program expanded outreach, introduced interactive training modules, and collaborated with grassroots organizations.
- ❖ It focused on women-led financial empowerment, savings, investment safety, fraud prevention, and digital transactions.
- ❖ India Post Payments Bank (IPPB) supported last-mile delivery of financial education in villages and panchayats.

Immigration and Foreigners (Exemption) Order, 2025

- ❖ The Central Government notified the Immigration and Foreigners (Exemption) Order, 2025.
- ❖ This order was issued under the Immigration and Foreigners Act, 2025.
- ❖ It replaced four earlier laws:
 - The Passport (Entry into India) Act, 1920,
 - The Registration of Foreigners Act, 1939,
 - the Foreigners Act, 1946, and
 - The Immigration (Carriers' Liability) Act, 2000.

- ❖ It was issued under Section 33 of the new Act and came into effect on September 1, 2025.
- ❖ The order provides exemptions from passport, travel document, and visa rules.
- ❖ Indian Armed Forces personnel on duty and their families are exempt.
- ❖ Indian citizens entering via Nepal or Bhutan borders are also exempt.
- ❖ Citizens of Nepal and Bhutan entering via their borders are covered, too.
- ❖ Registered Tibetan refugees and certain minority communities from Afghanistan, Bangladesh, and Pakistan are exempt.
- ❖ These include Hindus, Sikhs, Buddhists, Jains, Parsis, and Christians who entered India before December 31, 2024.
- ❖ Registered Sri Lankan Tamil nationals who entered up to January 9, 2015, are also included.

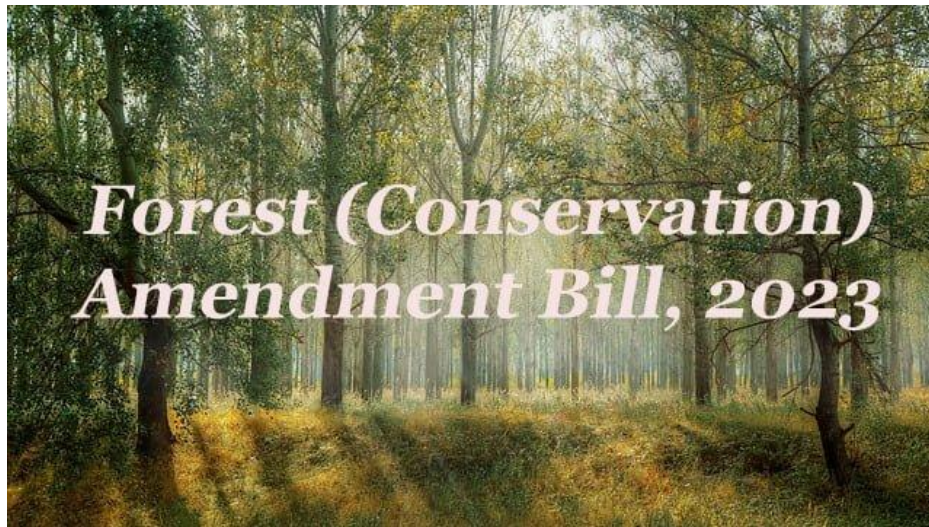


Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2025

- ❖ The Ministry of Environment, Forest and Climate Change (MoEFCC) notified the Van (Sanrakshan Evam Samvardhan) Amendment Rules, 2025.
- ❖ The rules were notified under the Forest (Conservation) Amendment Act, 2023.



- ❖ The new rules allow state governments to grant initial 'working permission' for linear infrastructure projects.
- ❖ Earlier, such permissions required full Stage-I clearance from the Centre.
- ❖ The rules expand forest land diversion powers for state governments in infrastructure development.
- ❖ Public interest and strategic projects may now be processed offline, bypassing online scrutiny via the Parivesh portal.
- ❖ Compensatory Afforestation (CA) land need not be notified as a protected forest, but only mutated to the Forest Department.

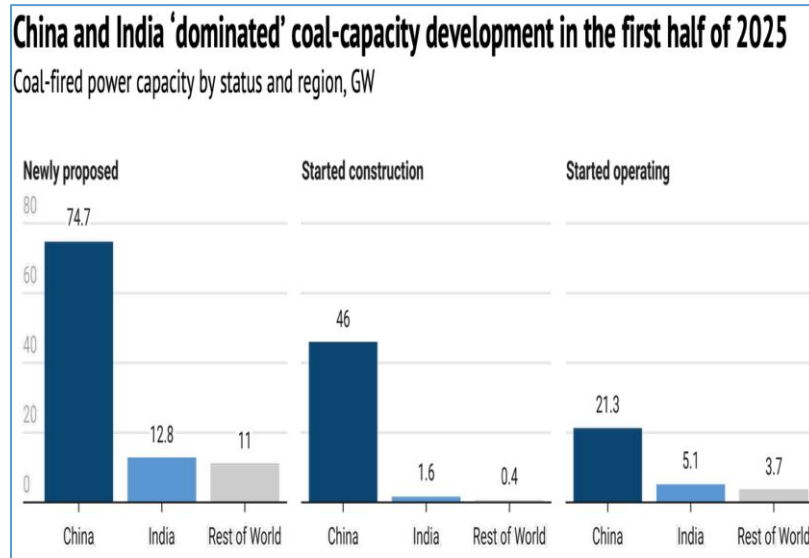


INTERNATIONAL NEWS

India and China's Coal Surge

- ❖ China and India dominate new coal power proposals in 2025, accounting for nearly 87% of global new coal capacity plans.
- ❖ China added 21 GW of new coal capacity in just six months, which is its highest rate in nearly a decade, primarily as a response to past energy shortages and for energy security.
- ❖ Despite the coal build-up, China's CO₂ emissions fell by ~1% in early 2025, thanks to the rapid expansion of renewables (solar, wind, hydro).
- ❖ India commissioned 5.1 GW of new coal plants in early 2025, with an enormous pipeline of 92 GW more coal capacity proposed by mid-2025.
- ❖ India has a "dual track" energy strategy: while aggressively expanding renewables (220 GW installed by 2025), still relying heavily on coal for about 70% of its electricity.

- ❖ This duality of renewables growth alongside coal expansion complicates the global effort to meet the Paris Agreement target of limiting warming to 1.5°C.



SCO Plus Summit 2025



- ❖ China's President Xi Jinping introduced the Global Governance Initiative at the Shanghai Cooperation Organization Plus (SCO Plus) summit in Tianjin in 2025.
- ❖ The initiative promotes sovereign equality, respect for international law, multilateralism, and people-centred policies.

- ❖ The SCO, founded in 2001, focuses on regional security, economic cooperation, and political dialogue among Eurasian countries, including China, Russia, and India.
- ❖ The Global Governance Initiative builds on Xi Jinping's previous proposals on security, civilisation, and development, aiming to create a just and balanced international order.

Tianjin Declaration 2025

- ❖ The Shanghai Cooperation Organisation (SCO) leaders adopted the Tianjin Declaration during their 2025 summit.
- ❖ The declaration strongly condemned terrorism in all forms, including the April 22 Pahalgam attack and attacks in Pakistan.
- ❖ It reaffirmed the SCO's firm commitment to fight terrorism, separatism, and extremism.



SCIENCE AND TECHNOLOGY NEWS

PRATUSH Radiometer

- ❖ PRATUSH stands for Probing ReionizATIOn of the Universe using Signal from Hydrogen.
- ❖ It is a future space radiometer mission designed by the Raman Research Institute, funded by India's Department of Science and Technology.
- ❖ The mission aims to study the Cosmic Dawn, the epoch when the first stars and galaxies formed.

- ❖ PRATUSH will operate in lunar orbit, specifically on the Moon's far side, to avoid Earth's radio noise and ionospheric interference.
- ❖ The system uses a compact single-board computer (SBC) to control the antenna and process data with an FPGA (Field Programmable Gate Array) chip.
- ❖ Tests show the radiometer can detect extremely low noise, proving its sensitivity.
- ❖ Using SBC technology reduces weight and power, making the mission viable for space deployment.

MEET PRATUSH
INDIA'S
LUNAR RADIOMETER

Raman Research Institute (RRI) developed PRATUSH for lunar orbit, funded by DST

PRATUSH captures feeble cosmic signals with unprecedented electronic sensitivity

Deploying on the lunar far side avoids Earth's interference and ionospheric distortion

CEREBO

CEREBO – MADE IN INDIA
DEVICE THAT DETECTS BRAIN
BLEEDS IN JUST 2 MINUTES!



The image shows the CEREBO device, a handheld, grey, gun-shaped medical instrument. To its left and right are two vertical panels displaying a grid of brain scan images. A hand is visible interacting with the left panel, pointing at one of the scans.

- ❖ The Indian Council of Medical Research (ICMR) introduced CEREBO, a portable, non-invasive diagnostic tool for traumatic brain injury (TBI).

- ❖ The device uses near-infrared spectroscopy and machine learning to detect intracranial bleeding and edema in less than a minute.
- ❖ CEREBO is safe for infants and pregnant women.
- ❖ It was developed in collaboration with AIIMS Bhopal, NIMHANS Bengaluru.

ENVIRONMENT NEWS

Dioscorea balakrishnanii

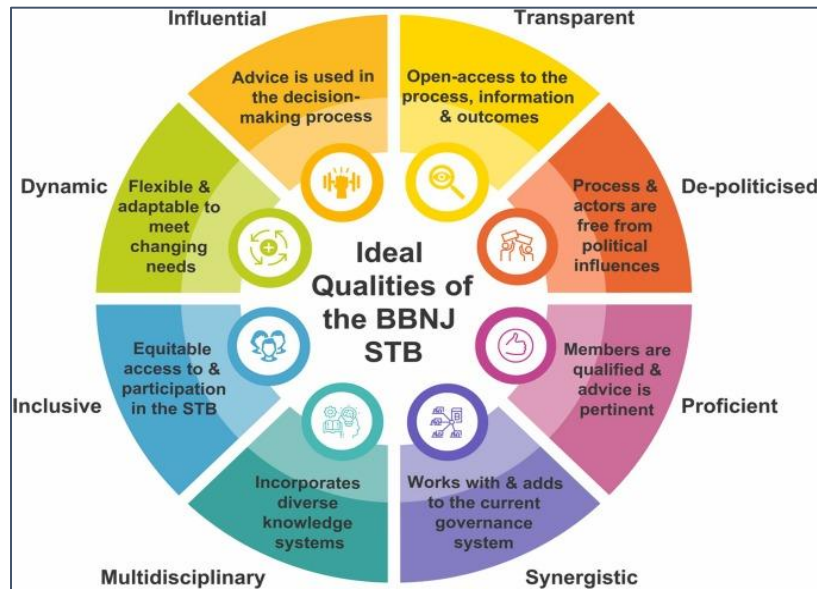
- ❖ A new tuber species named *Dioscorea balakrishnanii* has been identified in the Western Ghats region of Wayanad district, Kerala.
- ❖ The naming honours Dr. Balakrishnan's contributions to biodiversity conservation and taxonomy in South India.
- ❖ The tuber is locally known as chola kizhangu among the Kattunayikar tribal community.
- ❖ The new species belongs to the genus *Dioscorea*, under the family Dioscoreaceae.
- ❖ It is found exclusively in the sholas of evergreen forests in the Wayanad region.



Marine Biodiversity Treaty's Preparatory Commission

- ❖ Marine Biodiversity Treaty's Preparatory Commission concluded its second session in New York of USA on 29 August 2025.
- ❖ Formally known as the BBNJ (Biodiversity Beyond National Jurisdiction) Agreement under UNCLOS (United Nations Convention on the Law of the Sea).
- ❖ It was adopted in 2023.

- ❖ It applies to areas beyond national jurisdiction (ABNJ), commonly called the High Seas.
- ❖ It aims to ensure conservation and sustainable use of marine biodiversity.
- ❖ The agreement covers marine genetic resources, area-based management tools including marine protected areas, environmental impact assessments, and technology transfer.
- ❖ India has signed the BBNJ Agreement but has not yet ratified it as of September 2025.



REPORTS AND INDICES

Global Peace and Safety Index 2025

- ❖ Global Peace and Safety Index 2025 was released by the Institute for Economics and Peace (IEP).
- ❖ Singapore tops the list as Asia's safest country in 2025.
- ❖ It was ranked 6th globally for peace, known for low crime, strict laws, and effective governance.
- ❖ Japan is Asia's second safest country in 2025, ranked 9th in Asia overall and 12th globally.
- ❖ Malaysia is the third safest country in Asia in 2025, ranked 19th globally.
- ❖ Iceland ranks 1st globally for the 18th consecutive year.
- ❖ It is followed by Ireland in 2nd place and New Zealand in 3rd in 2025.
- ❖ India ranks 115th globally in 2025, unchanged from 2024.

- ❖ Issues like regional disputes, internal tensions, and urban crime affecting its peace score.
- ❖ Russia is ranked the least peaceful country in the world for the first time in 2025, due to ongoing war involvement and militarization.
- ❖ Ukraine ranks second-last globally, as continuing conflict heavily impacts its internal stability and security.
- ❖ The United States ranks 128th in the 2025 index.
- ❖ The U.S. ranks lower than Honduras (124th), Bangladesh (127th), and Uganda (126th) in global peacefulness.
- ❖ France is the most militarized country in Western and Central Europe in 2025.
- ❖ South America is the only region globally to show an overall improvement in peacefulness in the 2025 Index.
- ❖ The 2025 Global Peace Index ranks 163 countries, assessing levels of safety, societal conflict, and militarization across the globe.
- ❖ Iceland, ranked 1st in peace, is also ranked 3rd in the 2025 World Happiness Report, showing a strong correlation between peace and life satisfaction.

According to Global Peace Index 2025

1		Iceland	11		Czechia
2		Ireland	12		Japan
3		New Zealand	13		Malaysia
4		Austria	=14		Netherlands
5		Switzerland	=14		Canada
6		Singapore	16		Belgium
7		Portugal	17		Hungary
8		Denmark	18		Australia
9		Slovenia	19		Croatia
10		Finland	20		Germany

MISCELLANEOUS NEWS

Earthquake in Afghanistan

- ❖ A 6.0-magnitude earthquake struck eastern Afghanistan, mainly impacts Kunar and Nangarhar provinces.

- ❖ India sent 21 tonnes of relief aid, including medicines and hygiene kits, to support the affected regions.
- ❖ Afghanistan remains vulnerable to earthquakes due to its location on tectonic plate boundaries and widespread use of fragile building materials in rural areas.

