

October - 19

TNPSC BITS

- ❖ Pritpal Kaur, SP of Phek district in Nagaland, has been selected as the '2024 IACP 40 Under 40' awardee by the prestigious US-based International Association of Chiefs of Police (IACP).
- ❖ Lok Sabha Speaker Om Birla led a parliamentary delegation to the 149th Assembly of the Inter-Parliamentary Union (IPU) in Geneva, Switzerland.
- ❖ Noel Tata has been appointed the new chairman of Tata Trusts.
- ❖ The US-India Strategic Partnership Forum (USISPF) hosted its annual 'India Leadership Summit 2024' in New Delhi.
- ❖ Dipa Karmakar, the first Indian female gymnast to compete in the Olympics at Rio 2016 has announced her official retirement from professional competition.
- ❖ The Indian Navy has recently launched its first indigenous multi-purpose vessel Samarthak.
- ❖ Maharashtra government has decided to rename the Maharashtra State Skills Development University as Ratan Tata Maharashtra State Skills Development University.

INTERNATIONAL

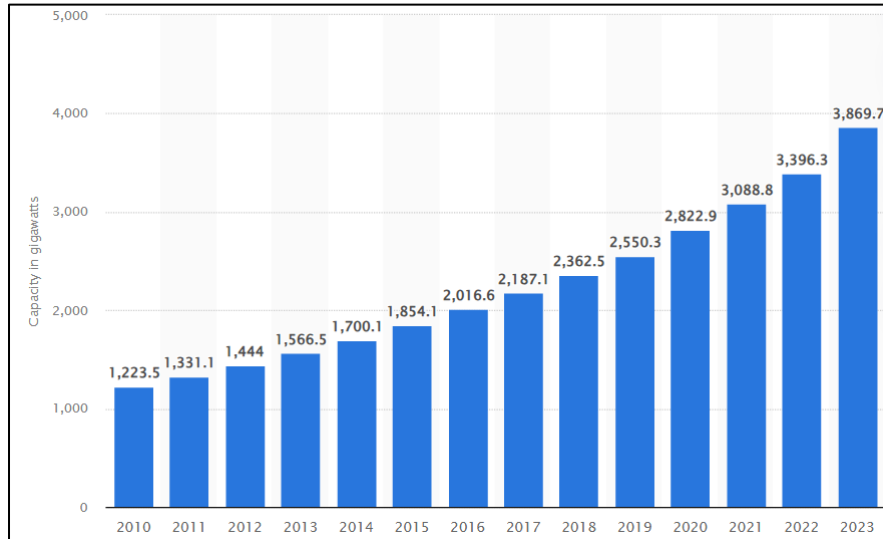
India – Canada Diplomatic crisis 2024



- ❖ Khalistani extremist Hardeep Singh Nijjar, who India designated as a terrorist, is shot dead in British Columbia of Canada in 2023.
- ❖ Canada accused Indian intelligence for this incident.

- ❖ Canada have withdrawn 41 diplomats from India amid the ongoing dispute.
- ❖ Recently, Canada announced the expulsion of six Indian diplomats, including the high commissioner.
- ❖ This led to India announcing the expulsion of six members of the Canadian high commission in Delhi.

Record Solar Power Capacity of the World in 2023



- ❖ In 2023, global renewable energy capacity reached 3.9 terawatts (TW), up from 3.86 TW in 2022.
- ❖ However, this falls short of the required compound annual growth rate of 16.4%, leaving a gap of 1.5 TW by 2030 if the current pace persists.
- ❖ A record 473 gigawatts (GW) of renewable power capacity was added globally in 2023.
- ❖ Solar PV continues to dominate, with 346.9 GW added in 2023, marking a 73% increase from 2022.

SCIENCE AND TECHNOLOGY

Dragon Drones

- ❖ A deadly new weapon has used in the Russia-Ukraine war.
- ❖ Dragon drones essentially release a substance called thermite - a mixture of aluminium and iron oxide.
- ❖ When it ignited, thermite triggers a self-sustaining reaction that is quite difficult to extinguish.

- ❖ It can burn through almost anything, from clothes to trees to military-grade vehicles, and can even burn underwater.
- ❖ During World War I, German zeppelins dropped thermite-laden bombs.
- ❖ The Allies dropped some 30 million 4-pound thermite bombs on Germany and another 10 million on Japan during World War II.
- ❖ The use of thermite in war is not prohibited under international law.



STATES

End of President's Rule in JK



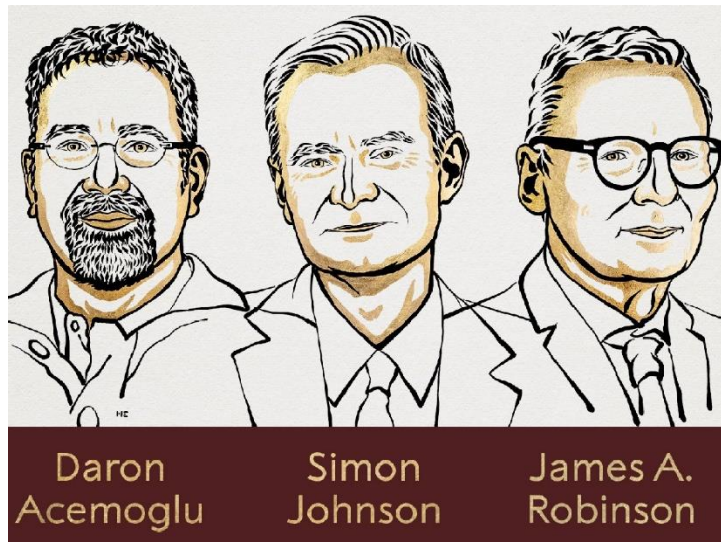
- ❖ The President's rule has been revoked in Jammu and Kashmir before the appointment of the Chief Minister.
- ❖ The Central rule began in Jammu and Kashmir on October 31, 2019, when the erstwhile state was divided into two Union territories, Jammu and Kashmir, and Ladakh.
- ❖ Jammu and Kashmir was without an elected government since June 2018.

- ❖ On December 19, 2018, then President of India announced President's Rule in J&K under Article 356 of the Constitution.
- ❖ Now, the revocation allowed for the formation of a new government with a new chief minister.
- ❖ The lieutenant governor will exercise executive control over critical areas, including police, public order and land management.

PERSONALITIES, AWARDS, AND EVENTS

Nobel in Economics 2024

- ❖ The Nobel Memorial Prize in economics was awarded to Daron Acemoglu, Simon Johnson and James A Robinson for their research into differences in prosperity between nations.
- ❖ They have demonstrated the importance of societal institutions for a country's prosperity.
- ❖ Societies with a poor rule of law and institutions that exploit the population do not generate growth or change for the better.
- ❖ Acemoglu and Johnson work at the Massachusetts Institute of Technology while Robinson is a researcher at the University of Chicago.
- ❖ Even though this prize for economics is not technically a Nobel Prize, it has always been presented along with others.



5th National Water Awards 2023

- ❖ Odisha has been selected as the winner of the 5th National Water Awards 2023.

- ❖ UP is securing the second spot, and Gujarat and Puducherry jointly securing the third spot.
- ❖ The award covers nine categories, honouring outstanding contributions to water conservation and management across India.
- ❖ Parambur Big Tank Water User Association, Pudukkottai won third prize in Best Water User Association category.
- ❖ Tamil Nadu Agricultural University, Coimbatore Won 1st Prize in Best Institution (Other Than School/College) Category.
- ❖ IIT Madras has won third prize in Best Institution (Other Than School/College) Category.
- ❖ Apollo tyres limited (ATL), Kanchipuram won 2nd prize in best industry category.



India Mobile Congress 2024



- ❖ The eighth edition of the India Mobile Congress was held at Delhi.
- ❖ The theme of the event is 'The Future is Now'.
- ❖ It witnessed the participation from over 120 countries.
- ❖ The digital plaque to inaugurate the WTSA 2024 organised by the International Telecommunication Union, was unveiled during the event.



- ❖ Mobile data in India costs 12 cents per GB.
- ❖ In other countries, one GB of data is ten times more costly.
- ❖ Indians consume an average of 30 GB of data every month.
- ❖ Currently, India is home to 200 smartphone manufacturing units.
- ❖ The World Telecommunication Standardization Assembly is also inaugurated along with this event.
- ❖ It is being held every four years.

IMPORTANT DAYS

World Egg Day 2024 - October 11

- ❖ It is celebrated on the second Friday in October each year.
- ❖ This occasion highlights the nutritional benefits, versatility, and significance of eggs in diets around the globe.
- ❖ The day emphasises how eggs provide essential nutrients and affordable protein to people worldwide.
- ❖ It was established at Vienna 1996.
- ❖ The theme for 2024 is “United by Eggs.”



World Standards Day 2024 - October 14

- ❖ This day offers the opportunity to increase understanding of the importance of standardization.
- ❖ The date commemorates the first meeting held in 1946, London to establish an international organization that would concentrate its efforts on standardization.

- ❖ The first World Standards Day was only celebrated in 1970.
- ❖ The theme for 2024 is Achieving industry, innovation and infrastructure through AI.



International Day of Rural Women 2024 - October 15

- ❖ It aims to recognise the significant contributions of rural women to their families, communities, and economies.
- ❖ It also promotes gender equality and empower these women.
- ❖ It was established by the United Nations General Assembly in 2007.
- ❖ The theme for 2024 is “Rural Women Cultivating Good Food for All”.
- ❖ Women engaged in wage employment in agriculture earn 82 cents for every dollar that men earn.
- ❖ From 2016, India also observes October 15 as Rashtriya Mahila Kisan Diwas.



Pregnancy and Infant Loss Remembrance Day 2024 - October 15

- ❖ This day dedicated to honouring the memory of babies lost to miscarriage, stillbirth or neonatal death.



- ❖ The day is also meant to raise awareness about the emotional and mental challenges faced by those impacted by pregnancy and infant loss.
- ❖ Nearly 20 lakhs babies are stillborn each year, and many of these deaths are avoidable.
- ❖ The probability of miscarriage before 20 weeks gestation in women aged 20 to 30 is 8.9%.
- ❖ This increase to 74.7% for women over the age of 40.

