

sJune - 12

TNPSC BITS

- ❖ Weyan India's first village to vaccinate all its adult population against COVID-19.
 - It is a remote village in Bandipora district of Jammu & Kashmir with an adult population of 362.
- ❖ Russia is building its first naval ship which will be fully equipped with stealth technology.
 - Stealth technology will to make it hard to detect.
- ❖ NITI Aayog has recommended divesting government stake in the Central Bank of India and Indian Overseas Bank (IOB).
 - This is a part of the privatisation initiative announced in the Union Budget.
- ❖ India has been elected as a member of the United Nations Economic and Social Council.
 - It has the membership for three-year terms of 2022-24.

NATIONAL

Surakshit Hum Surakshit Tum Abhiyaan



The poster for the 'Surakshit Hum Surakshit Tum Abhiyaan' campaign features the logos of NITI Aayog, Aspirational Districts Collaborative, and Piramal Foundation at the top. The central text reads 'NITI Aayog & Piramal Foundation Launch Surakshit Hum Surakshit Tum Abhiyaan' with 'HOME CARE SUPPORT CAMPAIGN' below it. On the left, an illustration shows a woman holding a child. On the right, an illustration shows a family. The bottom section lists the campaign's reach: 112 Aspirational Districts, 1000+ Mother NGOs, 1 Lakh+ Volunteers, and 2 Million+ Families to be supported.

NITI Aayog & Piramal Foundation Launch
Surakshit Hum Surakshit Tum Abhiyaan
HOME CARE SUPPORT CAMPAIGN

112 ASPIRATIONAL DISTRICTS
1000+ MOTHER NGOS
1 LAKH+ VOLUNTEERS
2 MILLION+ FAMILIES TO BE SUPPORTED

- ❖ NITI Aayog and Piramal Foundation launched 'Surakshit Hum Surakshit Tum Abhiyaan'.



- ❖ This is to provide home-care support to asymptomatic covid-19 patients or patients with mild symptoms.
- ❖ This campaign was launched in 112 Aspirational Districts.
- ❖ This campaign will be supported by Piramal Foundation.
- ❖ It will work with district magistrates to support training of NGOs and volunteers.

INTERNATIONAL

President of the UN General Assembly

- ❖ Foreign Minister Abdulla Shahid (Maldives) was elected as the President of the UN General Assembly for 2021-22.
- ❖ Abdulla Shahid won against Afghanistan's former foreign minister Zalmi Rassoul.
- ❖ Maldives will occupy office of President of UNGA for the first time.
- ❖ Election to UNGA presidential post is held annually.

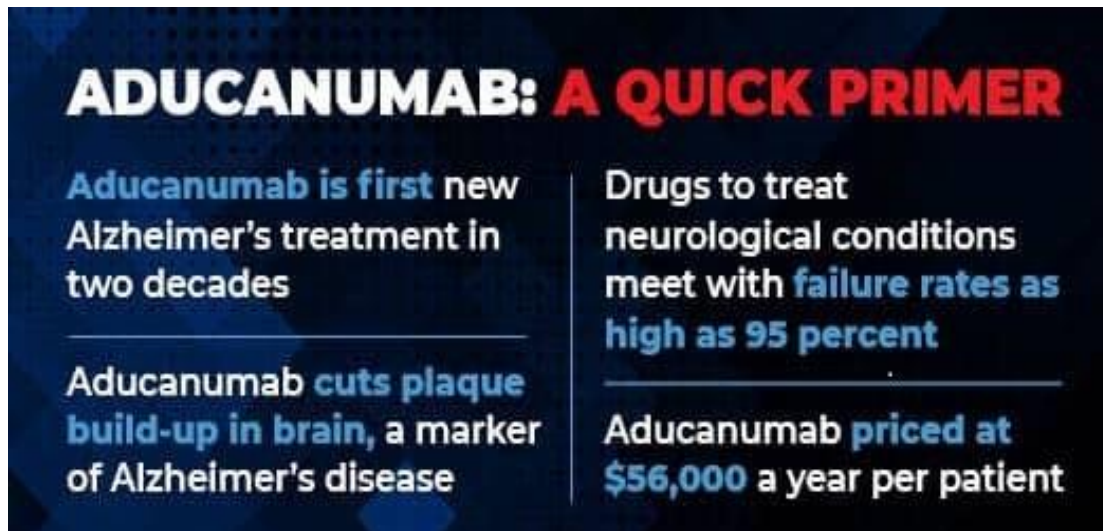
Russia withdraws from Open Skies Treaty

- ❖ Russian President Vladimir Putin recently signed a law formalizing Russia's withdrawal from Open Skies Treaty.
- ❖ This is after United States withdrew from pact in 2020.
- ❖ Open Skies Treaty is an international treaty that allows nations to collect information on one another's military forces.
- ❖ This was to increase transparency.
- ❖ United States withdrew from pact in November 2020 after accusing Russia of violating it.

Aducanumab

- ❖ Aducanumab (Aduhelm) is the new drug approved by the US Food and Drug Administration (FDA) for treating Alzheimer's disease.
- ❖ It is developed by the company Biogen.
- ❖ Alzheimer's disease causes the accumulation of the debris caused by the breakdown of neurons in the brain.
- ❖ This leads to plaque formation.

- ❖ Aducanumab is a monoclonal antibody.
- ❖ It is designed to reduce the presence of amyloid beta, a protein that forms plaques in the brain.



Remain in Mexico policy ended

- ❖ The United States has formally ended the Trump's "remain in Mexico" policy.
- ❖ This policy forced thousands of Central American asylum-seekers to wait in Mexico for U.S. court cases.
- ❖ After ending this policy more than 11,000 migrants enrolled in it have been allowed to enter the United States to pursue asylum claims.

ECONOMY

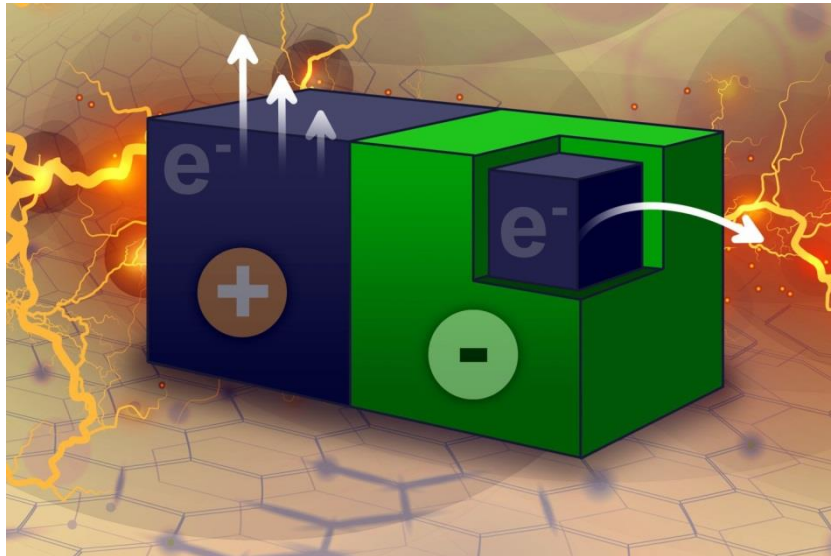
Global corporate tax deal

- ❖ Finance ministers from wealthy G7 nations have endorsed a new global corporate tax deal.
- ❖ The agreement will now be discussed in detail at a meeting of G20 financial ministers and central bank governors in July.
- ❖ The aim is to counter tax avoidance to make companies pay in the countries where they do business.
- ❖ The agreement commits states to a global minimum corporate tax rate of 15% to avoid countries undercutting each other.

SCIENCE AND TECHNOLOGY

Electricity from carbon nanotubes

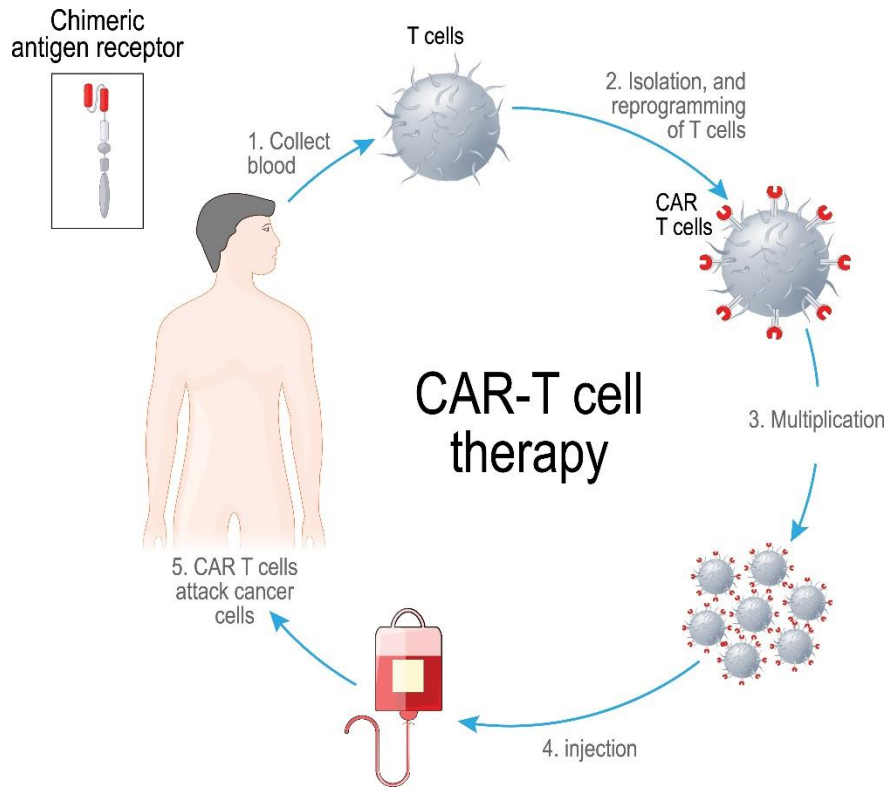
- ❖ MIT engineers (Massachusetts Institute of Technology) have discovered a new way of generating electricity using carbon nanotubes.
- ❖ A new material made up of carbon nanotubes has potential to generate electricity by collecting energy from its environment.
- ❖ These micro carbon particles can create current by interacting with liquid around them.
- ❖ Liquid, an organic solvent, attracts electrons out of the nanoparticles, which generates current.



CAR-T cell therapy

- ❖ The clinical trials of Chimeric Antigen Receptor T-cell (CAR-T) therapy were conducted globally.
- ❖ It has shown promising results on end stage cancer patients, especially in patients of Acute Lymphocytic Leukemia.
- ❖ First CAR-T cell Therapy was done by IIT Bombay and cancer care in India.
- ❖ It was done at Bone Marrow Transplant unit of Tata Memorial Centre in Mumbai.
- ❖ CAR-T cells were designed and manufactured at Bioscience and Bioengineering (BSBE) department, IIT Bombay.
- ❖ This was also supported by BIRAC-PACE scheme.

- ❖ Now, this therapy will undergo Phase I and II trial of their CAR-T product through National Biopharma Mission.



ENVIRONMENT

Sea snot



- ❖ Turkey's Sea of Marmara has witnessed the largest outbreak of 'sea snot'.
- ❖ Sea of Marmara connects the Black Sea to the Aegean Sea.

- ❖ Sea snot is a slimy layer of grey or green sludge.
- ❖ It can cause considerable damage to the marine ecosystem.
- ❖ It is formed when algae are overloaded with nutrients.

PERSONALITIES, AWARDS, AND EVENTS

Times 50 Most Desirable Women 2020

- ❖ The Times 50 Most Desirable Women 2020 list has been unveiled recently.
- ❖ It features women under 40 across various fields.
- ❖ Rhea Chakraborty has bagged the number 1 spot on Times Most Desirable Women 2020 list.
- ❖ She was in the news for most of last year due to the sudden demise of Sushant Singh Rajput and the controversy around his death.
- ❖ Miss Universe 2020, 3rd runner-up Adline Castelino bagged the second spot in the list.
- ❖ Actress Disha Patani, Kiara Advani and Deepika Padukone were on the third, fourth and fifth spot respectively.

SPORTS

Sunil Chhetri



- ❖ 36 years old Indian footballer, Sunil Chhetri, has surpassed Argentina's Lionel Messi.
- ❖ He has become second-highest active international goal-scorer with 74 strikes.
- ❖ Chhetri now leads Barcelona star Messi by two goals.



- ❖ He is placed above Ali Mabkhout of UAE, who is at third place with 73 strikes.
- ❖ He achieved this feat against Bangladesh.
- ❖ Sunil Chhetri is popularly known as Captain Fantastic.
- ❖ Following Cristiano Ronaldo, Chhetri is the second-highest international goal scorer among active players.

MISCELLANEOUS

QS World University Rankings 2022

Top varsities JNU, featuring for the first time in the QS World Universities Ranking list, is among the top-600 in the world <i>= indicates shared ranking</i>	
2022 global rank	Name
177=	Indian Institute of Technology, Bombay
185	Indian Institute of Technology, Delhi
186=	Indian Institute of Science, Bengaluru
255=	Indian Institute of Technology, Madras
277=	Indian Insititute of Technology, Kanpur
280	Indian Insititute of Technology, Kharagpur
395=	Indian Insititute of Technology, Guwahati
400=	Indian Institute of Technology, Roorkee
501-510 (ranking band)	University of Delhi
561-570 (ranking band)	Jawaharlal Nehru University, Delhi

- ❖ The London-based Quacquarelli Symonds (QS) has released the QS World University Rankings 2022.
- ❖ Eight Indian universities have found a place among the best 400 global universities in the QS World University Rankings 2022
- ❖ Three Universities got featured among the top 200. They are,
 - IIT-Bombay - 177.
 - IIT-Delhi - 185
 - IISc, Bengaluru - 186
- ❖ The Indian Institute of Science (IISc), Bengaluru, has also been adjudged as "world's top research university".



- ❖ It has achieved a perfect score of 100/100 for Citations Per Faculty (CPF) indicator, which measures research impact.
- ❖ This is the first time that any Indian institute has scored a perfect 100 in research or any other parameter.
- ❖ Massachusetts Institute of Technology (MIT) of USA has topped the ranking for the 10th years in a row.
- ❖ MIT is followed by the University of Oxford of England in the second position.
- ❖ Stanford University of USA and the University of Cambridge of England shared the third spot.

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