

## EVERYDAY CURRENT AFFAIRS – NOVEMBER 7, 2022

### STATES

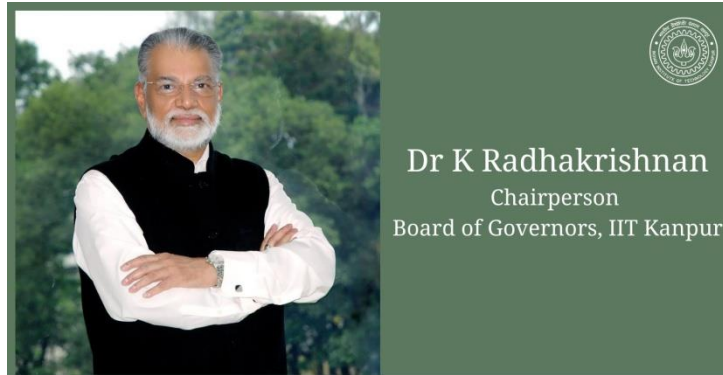
- **Uttar Pradesh chief minister Yogi Adityanath - has cleared the proposal for 'New Jim Corbett Park' to be created in UP's Bijnor district**
- ✓ The proposed Park shares the border with the Jim Corbett Park in Uttarakhand.
- ✓ The government is also planning to promote ecological importance and Ganga tourism in the new reserve.
- ✓ The new tiger reserve is expected to get the state cabinet nod soon.
- ✓ A part of Jim Corbett Park comes in Bijnor and is known as Amangarh tiger reserve.
- ✓ After Dudhwa, Pilibhit and Amangarh, Ranipur in Chitrakoot has been declared as the fourth Tiger Reserve in UP.
- ✓ Ranipur wildlife Sanctuary has been given the status of 53rd Tiger Reserve of the country by the Union government.
- ✓ There were only nine tiger reserves in the country in 1973, which have now increased to 53

### INTERNATIONAL

- **On November 5, Twitter - announced that it would begin charging customers \$7.99 a month to receive a verification check mark on their profiles**
- ✓ The announcement was included in notes accompanying a new update to the Twitter app that appeared in Apple's App Store.
- ✓ The notes said that the paid verification system was now a feature of the website's subscription service, Twitter Blue.
- ✓ In addition to charging for verification, Musk and his advisers have been planning to introduce numerous other ideas to bring in more revenue
- ✓ The update notes unveiled also promised that subscribers would receive other benefits, including "half the ads and much better ones," as well as the ability to post longer videos on Twitter.

## COMMITTEES

- **The Ministry of Education - has constituted a committee for strengthening the assessment and accreditation of Higher Educational Institutions.**
- ✓ The Committee will prepare a road map for the National Accreditation Council as envisioned in the National Education Policy, 2020.



- ✓ The committee will be headed by Dr. K. Radhakrishnan, Chairperson, Board of Governors, IIT Kanpur, and Chairperson, Standing Committee of IIT Council.
- ✓ Other members of the committee include Mridul Hazarika, Vice-Chancellor, Mahapurusha Srimanta Sankaradeva Viswavidyalaya, Assam; Bharat Bhasker, Professor, IIM, Lucknow and Joint Secretary, Department of Higher Education, Ministry of Education
- ✓ Accreditation status of any higher educational institution serves as a source of reliable information for the students, employers and the society regarding the quality of education being offered in the institution

## CONFERENCES & SUMMITS

- **The United Nations Climate Change Conference, commonly referred to as Conference of the Parties of the UNFCCC, or COP27 - opened in the Egyptian resort town of Sharm el-Sheikh on November 6**



- ✓ On the first day of the UN climate conference, over 190 participating countries, including India, agreed to include funding for loss and damage in the agenda for the COP27
- ✓ Loss and damage funding is to be provided by the wealthy nations to help vulnerable poor countries cope with the consequences of global warming
- ✓ It's an important step towards working out a mechanism to support poor and vulnerable countries who have to face the impacts of climate change due to historical emissions of rich nations.
- ✓ The goal is for delegates to come to a decision "no later than 2024" on loss and damage.
- ✓ India's environment minister Bhupender Yadav is leading a team of 18 negotiators at the annual climate talks, which was opened with the key aim of ensuring full implementation of the Paris Agreement.
- ✓ At COP26 last year in Glasgow, high-income nations blocked a proposal for a loss and damage financing body, instead supporting a three year dialogue for funding discussions.
- ✓ People in poor and vulnerable countries face the impacts of the climate-change induced extreme weather events such as floods, drought, cyclones and rising of sea levels.
- ✓ Yadav inaugurated the India pavilion which is showcasing LiFE (lifestyle for environment) as its theme in sync with the country's stand on this issue.
- ✓ India is projecting the Mission LiFE as a global mass movement that harnesses the power of individual and collective action across the world to address the climate crisis.
- ✓ Mission LiFE is designed to mobilise at least one billion Indians and other global citizens to take individual and collective action for protecting and preserving the environment in the period 2022 to 2027.
- ✓ Within India, at least 80% of all villages and urban local bodies are aimed to become environment-friendly by 2028.
- ✓ According to the UN's Intergovernmental Panel on Climate Change, CO<sub>2</sub> emissions need to be cut 45% by 2030, compared to 2010 levels to meet the central Paris Agreement goal of limiting temperature rise to 1.5 degrees Celsius by the end of this century.
- ✓ Since COP26 in Glasgow, only 29 of the 194 countries came forward with tightened national plans to achieve this.
- ✓ Egypt's Foreign Minister Sameh Shoukry assumed the presidency of COP27 on November 6.
- ✓ The leaders of two of the three biggest carbon-polluting nations — Prime Minister Narendra Modi and Chinese President Xi Jinping are skipping the summit
- ✓ The leader of the other top polluting country — U.S. President Joe Biden — will be addressing the conference later.

# SCIENCE, TECHNOLOGY & ENVIRONMENT

- **Elon Musk's SpaceX - has launched Falcon Heavy, the world's most powerful active rocket, into space**



- ✓ On November 1, Falcon Heavy lifted off from NASA's Kennedy Space Center in Florida carrying two satellites to a geosynchronous Earth orbit for the US Space Force.
  - ✓ The Space Force is a U.S. military branch established under former President Donald Trump to oversee much of the Pentagon's defense activities in space.
- ✓ Named USSF-44, this mission marked Falcon Heavy's first launch in over three years, the last being on June 25, 2019.
- ✓ The Falcon Heavy has three boosters and all of them generate more than 5 million pounds of thrust at liftoff, equal to approximately eighteen Boeing 747 aircraft, with their 27 Merlin engines
- ✓ The mission was to launch the TETRA-1 military micro-satellite prototype, which has been built by Millennium Space Systems, a subsidiary of Boeing, at an altitude of 35,786 kilometers.
- ✓ This is the 50<sup>th</sup> launch conducted by SpaceX in 2022
- ✓ This marks the fourth successful mission of the Falcon Heavy after its debut mission on February 7, 2018, when it launched a Tesla Roadster car into space, while the next two Heavy launches followed in 2019, lifting satellites

## SPORTS

- **India - finished with a total of 16 medals (2 gold, 2 silver and 12 bronze) at the BWF Para Badminton World Championships held at Tokyo**
- ✓ On November 6, Paralympic champion Pramod Bhagat successfully defended his SL3 singles title after defeating India's Nitish Kumar in the finals and won his fourth singles gold in the World Championships



- ✓ World No.1 Pramod also secured silver medal with his partner Manoj Sarkar in the men's doubles event.
- ✓ Bhagat now has 11 medals, including six gold, two silver and three bronze medals in the world championships.
- ✓ He has the distinction of reaching the finals in all the editions, barring 2007 and 2017 World Championships.
- ✓ Chennai-based 17-year old Manisha Ramadass defeated Japan's Mamiko Toyoda to win the women's singles SU5 finals.

## STATE OF THE GLOBAL CLIMATE REPORT 2022

- On November 6, the World Meteorological Department (WMO) – released the 'State of the Global Climate report 2022' at the UNFCCC's 27th Conference of Parties (COP27) held in Sharm el-Shaikh, Egypt

### GLACIER MELT RECORDS BROKEN IN 2022

#### Emission

➤ Concentrations of the main GHG, carbon dioxide, methane, and nitrous oxide, **reached record levels in 2021**

➤ Data from key monitoring stations show atmospheric levels of the three gases **continue to increase in 2022**



File photo

#### Temperature

➤ The global average temperature in 2022 is estimated to be about 1.15 (1.02 to 1.28) degree C above the 1850-1900 average

➤ 2015 to 2022 are likely to be the eight warmest years on record



glacier ice volume was lost between 2021 and 2022

➤ Arctic sea-ice extent was below the long-term (1981-2010) average for most of the year

#### Glaciers and ice

➤ In the European Alps, glacier melt records were shattered in 2022

➤ Average thickness losses of between 3 and over 4 metres were measured throughout the Alps

➤ In Switzerland, 6% of the



#### Sea level rise

➤ Global mean sea level has risen by an estimated 3.4 ± 0.3 mm per year over the 30 years (1993-2022)

➤ The rate has doubled between 1993-2002 and 2013-2022

➤ Sea level increased by about 5 mm between January 2021 and August 2022

➤ The acceleration is due to increasing ice melt



- ✓ As per the report titled 'WMO Provisional State of the Global Climate 2022', global mean temperatures for the year 2022 are currently estimated to be about 1.15 degree Celsius higher than pre-industrial times
- ✓ The assessment is based on temperature data from January to September this year
- ✓ The widely acknowledged danger mark for temperature rise is considered to be 1.5 degree Celsius from pre-industrial times, which is the average for the period 1850-1900
- ✓ According to the WMO, the year 2022 will still likely to end up being the fifth or sixth warmest year on record, since 1850.
- ✓ The warmest year on record so far has been 2016, when the global mean temperatures were measured to be about 1.28 degree Celsius higher than pre-industrial times.
- ✓ The estimate for 2022 is part of the provisional State of Global Climate Report that the WMO publishes every year, while the final report for this year is due only in April next year
- ✓ The report also pointed out that the concentrations of three main greenhouse gases, carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and Nitrous oxide (NO<sub>2</sub>), were all at record highs in 2021.
- ✓ According to the report, the rate of sea level rise has doubled since 1993 and has risen by nearly 10 mm since January 2020 to a new record high this year

