

BUSINESS & ECONOMY

Fitch Ratings

- **Fitch Ratings**, an American credit rating agency in its latest **Global Economic Outlook-March 2021** has revised **India's GDP growth** estimate to **12.8% for FY22** from 11% due to the stronger carryover effect, and better virus containment.

ENVIRONMENT & GEOGRAPHY

'India: Transforming to a net-zero emissions energy system'

- According to the report, released by **The Energy & Resources Institute & Shell**, the **Net Zero emissions in energy system in India is achievable by 2050**.
- **Carbon Removals Technology & nature-based solutions** will have a **major role** in moving towards zero emissions.

'Valuing Water'

- According to the **2021 edition of the United Nations World Water Development Report** titled '**Valuing Water**', Each person on the planet may have to live on less Water as **per capita reservoir capacity is decreasing**.
- The report is published by the **UNESCO** on behalf of **UN-WATER**.

Epithemia agharkarii

- The study led by researchers from the **Agharkar Research Institute** discovered a **new species of Diatoms** in Maharashtra.
- They named the species **Epithemia agharkarii** after **S P Agharkar** who was the **founder-director of the institute ARI**. Diatoms are single-celled algae.

SCIENCE & TECHNOLOGY

Airborne Radar Survey

- Indian govt. is planning to conduct **airborne radar survey in the Himalayan region** to estimate the **thickness of Glaciers at Lahaul-Spiti basin** of Himachal Pradesh.
- This move comes at the **backdrop of the Glacier Outburst in February 2021** in Uttarakhand.

Free-space Quantum Communication

- For the **1st time in India**, **Indian Space Research Organisation** successfully **demonstrated freespace Quantum Communication** over a distance of **300 Metres**.
- It is a major milestone achievement for **unconditionally secured satellite data communication using quantum technologies**.

IMPORTANT DAYS

World Tuberculosis Day

- **World Tuberculosis Day** is observed annually on **24th March**.
- On **24th March, 1882** that **Dr Robert Koch** announced that he had discovered the cause of Tuberculosis – **the TB Bacillus**. This year theme -'**The Clock is Ticking**'.