

EVERYDAY CURRENT AFFAIRS – OCTOBER 20, 2025

SCIENCE & TECHNOLOGY

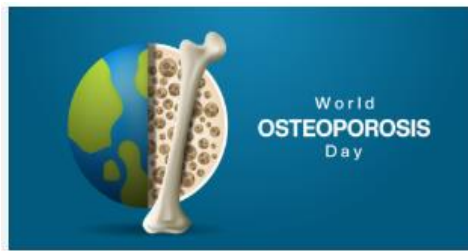
- **Chandrayaan-2 Detects Solar Impact on Moon's Exosphere**
- ✓ ISRO's **Chandrayaan-2** made a groundbreaking discovery by detecting the impact of **Coronal Mass Ejections (CMEs)** from the Sun on the Moon's extremely thin **exosphere**.



- ✓ During a rare solar event on **May 10, 2024**, CMEs caused a dramatic increase in the density and pressure of lunar atmospheric particles.
- ✓ This finding, made via the **CHACE-2 instrument**, enhances understanding of **lunar space weather**.

IMPORTANT DAYS

- **World Osteoporosis Day – October 20**
- ✓ Observed every year on **October 20**, *World Osteoporosis Day* serves as a global reminder of the importance of bone health.



- ✓ The day launches a year-long campaign aimed at increasing awareness about the treatment of osteoporosis and other metabolic bone disorders
 - ✓ In **2025**, the **Ministry of Ayush** has emphasised the need for early prevention and lifestyle modifications to combat osteoporosis.
 - ✓ The theme for World Osteoporosis Day 2025 is "It's Unacceptable!".
- **World Statistics Day – October 20**
- ✓ **World Statistics Day** is celebrated on **October 20**, a date chosen to highlight the crucial role of reliable data in shaping public policy and governance.



- ✓ The **United Nations Statistical Commission** first observed this day on **October 20, 2010**, and in 2025, the world marks the **third edition** of this event.
- ✓ The observance underscores the values of **data authenticity, integrity, and credibility**.
- ✓ Theme - "**Driving change with quality statistics and data for everyone**".

