



EVERYDAY CURRENT AFFAIRS – JANUARY 09, 2025

SCIENCE, TECHNOLOGY & ENVIRONMENT

- **IIT-Madras Sets Record with Asia's Largest Wave Basin**
- ✓ IIT-Madras has successfully commissioned Asia's largest shallow wave basin at its Discovery campus in Thaiyur.



- ✓ This research facility is designed to address complex coastal engineering challenges and is expected to make significant contributions to marine science and engineering.
- ✓ Developed with indigenous technology, the shallow wave basin is set to enhance the country's capabilities in port and waterway research without relying on foreign technology.

SPORTS

- **Kho Kho World Cup 2025 Trophies and Mascots**
- ✓ India is to host the historic first edition in New Delhi.



- ✓ The Kho Kho Federation of India (KKFI) unveiled the trophies for the first-ever Kho Kho World Cup.
- ✓ The tournament will showcase 21 men's and 20 women's teams from 24 countries across six continents.
- ✓ The World Cup will feature two trophies – a blue trophy for the men's championship and a green trophy for the women's event.
- ✓ The KKFI also introduced 'Tejas' and 'Tara,' a duo of gazelles serving as the official mascots for the tournament.
- ✓ Tejas, symbolising brilliance and energy, and Tara, representing guidance and aspiration.

IMPORTANT DAYS

- **Earth's Rotation Day 2025 – January 08**
- ✓ Earth's Rotation Day, observed on January 8, commemorates French physicist Léon Foucault's 1851 groundbreaking experiment that proved the Earth's rotation.



- ✓ Using a pendulum, Foucault demonstrated the planet's spin on its axis, revolutionizing scientific understanding.
- ✓ This day emphasizes scientific curiosity, especially among children, fostering a deeper appreciation for Earth's dynamic movements.

