

## EVERYDAY CURRENT AFFAIRS – APRIL 03, 2024

### ECONOMY

- **World Bank Projects India's Economy**
- ✓ The Indian economy is projected to grow at 7.5 per cent in 2024, the World Bank has said, revising its earlier projections for the same period by 1.2 per cent.

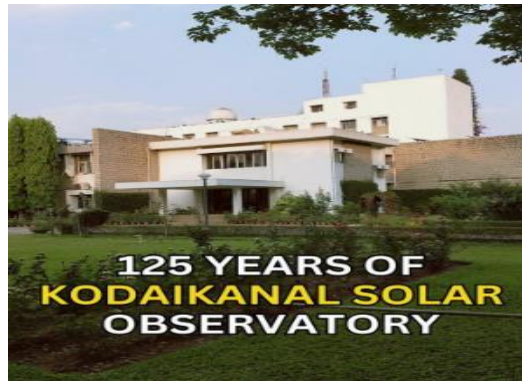


**World Bank projects Indian economy to grow at 7.5% in 2024**

- ✓ According to the World Bank's most recent South Asia Development Update, overall growth in South Asia is forecast to be strong at 6 per cent in 2024, driven mostly by robust development in India and recoveries in Pakistan and Sri Lanka.
- ✓ According to the report, South Asia is expected to remain the fastest-growing region in the world for the next two years, with growth projected to be 6.1 per cent in 2025.

### SCIENCE, TECHNOLOGY & ENVIRONMENT

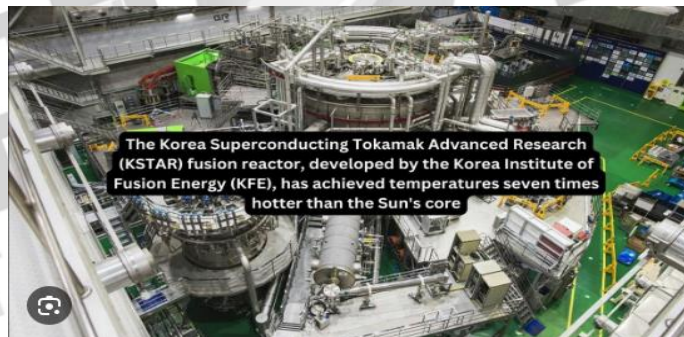
- **125 Years of Kodaikanal Solar Observatory**
- ✓ Located in Kodaikanal, Tamil Nadu, is the Kodaikanal Solar Observatory (KoSO), a solar observatory.



- ✓ It is among the world's oldest solar observatories, having been in operation since 1899, and has spent more than 125 years at the forefront of solar study.
- ✓ Now celebrating 125 years of operation, the observatory is run by the Indian Institute of Astrophysics (IIA), Bengaluru.

### ➤ **Artificial Sun**

- ✓ **Scientists in South Korea** have set a new world record using the **Korea Superconducting Tokamak Advanced Research (KSTAR)** device, an “artificial sun” nuclear fusion reactor.



- ✓ During tests conducted between December 2023 and February 2024, they generated **plasma temperatures of 100 million degrees Celsius** for a duration of 48 seconds.
- ✓ The **achieved temperature of 100 million degrees Celsius** is a remarkable seven times hotter than the Sun's core, which has a temperature of approximately 15 million degrees Celsius.
- ✓ **Nuclear fusion** has the potential to provide limitless energy without carbon pollution, making it a promising alternative to traditional energy sources.

## **SPORTS**

### ➤ **Mirabai Chanu**

- ✓ Mirabai Chanu has become the sole Indian weightlifter who qualified for the Paris Olympics 2024. After competing successfully in the IWF World Cup in Phuket, Thailand on April 1, 2024, Mirabai Chanu achieved this.



- ✓ Chanu placed third in Group B of the women's 49kg competition, finishing 11th overall. At the World Cup, Chanu lifted 184 kg in total.
- ✓ It was required as a final and compulsory qualifier for Paris 2024.
- ✓ Chanu has fulfilled the requirements for the Olympics in Paris.