

EVERYDAY CURRENT AFFAIRS – MAY 04, 2025

SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ **Genome-Edited Rice Varieties**

- ✓ India has achieved a global milestone by becoming the first nation to develop genome-edited rice varieties.



- ✓ The varieties have been developed by ICAR institutions to meet the nutritional demands of the growing population.
- ✓ The first rice variety, DRR Dhan 100 Kamala, has been derived from Samba Mahsuri and matures 15–20 days earlier with a 25% higher yield.
- ✓ The second variety, Pusa DST Rice 1, is tolerant to salinity and alkalinity, giving 30% more yield under saline conditions.
- ✓ The development is considered a major step toward climate-resilient farming and is expected to boost India's second green revolution.

➤ **Cheetah Corridor Project**

- ✓ A Cheetah Corridor is being set up as part of India's wildlife conservation efforts.



- ✓ The initiative is designed to facilitate the movement of cheetahs across regions, thereby expanding their natural habitat.
- ✓ The Cheetah Corridor will cover 17,000 square kilometres.
- ✓ It will stretch across 27 districts in Rajasthan, Uttar Pradesh, and Madhya Pradesh.
- ✓ This planned corridor includes 13 districts in Rajasthan, 2 in Uttar Pradesh, and 12 in Madhya Pradesh, aiming to create a continuous path for cheetahs to move freely.

SPORTS

➤ **Khelo India Youth Games 2025**

- ✓ The 7th edition of the Bihar Khelo India Youth Games 2025 inaugurated by PM Narendra Modi.



- ✓ For the first time, Bihar is hosting the Khelo India Youth Games from May 4 to May 15, with events scheduled across five districts—Patna, Nalanda (Rajgir), Gaya, Bhagalpur, and Begusarai.
- ✓ More than 8,500 athletes with 1,500 technical officials across the country will participate in competitions spread in 28 different sports subjects.
- ✓ Over one thousand Khelo India Centres have been established across the country to nurture young athletes.

IMPORTANT DAYS

➤ **Coal Miners Day - 4 May 04**

- ✓ Coal Miners Day is celebrated annually on 4th May.



- ✓ It is celebrated to highlight the conditions of people working in coal mines and appreciate their sacrifices and efforts.
- ✓ Coal mining is one of the toughest and dangerous jobs.
- ✓ Coal mining began in India in 1774 when East India Company started commercial exploitation in the Raniganj coalfield.
- ✓ Coal is the most abundant fossil fuel on Earth.

