

## UPSC Daily Current Affairs| One Liners 29-04-2025

### One Liners 29-03-2025

#### History, Art and Culture

##### **Bajirao Ballal**

*Baji Rao I, also known as Bajirao Ballal, was a significant figure in the Maratha Empire passed away on 28<sup>th</sup> April 1740 at Raverkhedi, near the banks of the Narmada River in present-day Madhya Pradesh.*

- **Birth-** Born as **Visaji** on **August 18, 1700**, in Sinnar, near Nashik.
- **His parents** - Were **Balaji Vishwanath Bhat**, the Peshwa of Chhatrapati Shahu, and **Radhabai Barve**.
- **About Baji Rao I** - Baji Rao I served as the **7th Peshwa** of the Maratha Empire and is renowned for his military prowess, strategic thinking, and significant expansion of the Maratha influence.
- He is credited with transforming the Maratha kingdom into a vast empire through a series of successful military campaigns.
- He never lost a battle in his 20-year military career.
- His campaigns extended the Maratha influence significantly into North India, including **Gujarat, Malwa, Rajputana, and Bundelkhand**.
- **Political Influence** - He played a key role in establishing Maratha supremacy in the Indian subcontinent, effectively displacing Mughal dominance.

#### Geography

##### **Netravathi river**

*Recently, Kallapu-Sajipa Riverfront Road project along Netravathi river in Mangaluru receives a ₹40 crore boost from the state government.*

- **This vital road will link** - Mangaluru to key areas including Harekala, Pavor, Innoli, and Ranipura along **Netravathi River**.
- **About Netravathi River** - A significant west-flowing river in Karnataka, India, also known as the Nethravathi Nadi.
- **Geographical Significance** - Flows westward and drains into the Arabian Sea south of Mangalore.
- **Origin Point** - Begins in the Western Ghats, specifically the Bangrabalike Valley of Yelaneeru Ghat.
- **Kudremukh Range Connection** - Its source lies within the Kudremukh range of the Chikkamagaluru district.
- **Alternative Origin Mention** - Some sources also cite Gangamoola, a hill in the same district, as a potential origin.

#### International Relations and Issues

## **World Day for Safety and Health at Work**

*The World Day for Safety and Health at Work is observed annually on April 28th.*

- **Organized by - International Labour Organization (ILO)**
- **Established in - 2003.**
- **Themes -** Revolutionizing health and safety: The role of AI and digitalization at work."
- **Objective - Promote the prevention** of occupational accidents and diseases globally.
- **Raise awareness** about the importance of creating and maintaining safe and healthy work environments for all workers.
- **Commemorate** workers who have been injured or lost their lives due to work-related incidents or illnesses (as the date also coincides with the International Commemoration Day for Dead and Injured Workers).

## **Economy**

### **National Industrial Corridor Development Corporation (NICDC)**

*Recently, NICDC was honoured with the Udyog Vikas Award during the Udyog Vikas event organised by Janmabhumi Daily, a leading news daily in the state of Kerala.*

- **All About NICDC**
- **NICDC began with** - launch of Delhi-Mumbai Industrial Corridor (DMIC) in 2007.
- **Objective to Create Industrial Cities** -Focuses on creating new "Smart City" industrial hubs.
- **Technology Integration** - It integrates next-generation technologies across infrastructure sectors for efficient urban development.
- **Investment Catalyst** - NICDP aims to attract significant investments from large industries and MSMEs.
- **Export Growth Driver** - It serves as a key catalyst in achieving India's \$2 trillion export target by 2030.
- **Under the NICDP, new industrial areas have been sanctioned in** - Uttarakhand (Khurpia), Punjab (Rajpura-Patiala), Maharashtra (Dighi), Kerala (Palakkad), Uttar Pradesh (Agra, Prayagraj), Bihar (Gaya), Telangana (Zaheerabad), Andhra Pradesh (Orvakal, Kopparthi), and Rajasthan (Jodhpur-Pali).

## **Environment**

## Tree Shrews of South Asia

*Recent research by the Zoological Survey of India has transformed the understanding of South Asian tree shrews.*

- **Published in** - The journal Ecology & Evolution, which marks the need for targeted conservation efforts.
- **Research** - Uncovered morphological distinctions among these small mammals, which have often been misidentified due to their resemblance to other species.
- **Order Scandentia** - Tree shrews belong to the order Scandentia, distinct from true shrews or squirrels. They are characterized by elongated snouts and moist nasal pads.
- **Dietary Habits** - Their primary diet consists of insects and fruits, making them omnivores playing a role in controlling insect populations and seed dispersal.

### **Tree shrews**

Also known as banx rings, are small mammals native to the tropical forests of South and Southeast Asia.

### **Classification of Tree shrews.**

They belong to the order Scandentia, which is divided into 2 families:

- **Tupaiaidae**: This family contains 19 species of "ordinary" tree shrews in four genera: *Anathana*, *Dendrogale*, *Tupaia*, and *Urogale*.
- **Ptilocercidae**: This family contains only one species, the pen-tailed tree shrew (*Ptilocercus lowii*).

**Ecological Importance** - As seed dispersers and insect predators, tree shrews contribute significantly to the health and balance of forest ecosystems.

## **Security**

### Indian Ocean Ship (IOS) SAGAR

*Recently, IOS SAGAR reached Port Louis Harbour, Mauritius after finishing Phase I of joint Exclusive Economic Zone (EEZ) surveillance with the National Coast Guard (NCG) Mauritius. This surveillance was part of its deployment to the South Western Indian Ocean.*

- **Participating Nations** - Involves India and 9 African partner nations: Comoros, Kenya, Madagascar, Maldives, Mauritius, Mozambique, Seychelles, Sri Lanka, and South Africa.
- **Regional Engagements** - The deployment included port calls at Dar-es-Salaam (Tanzania), Nacala (Mozambique), Port Louis (Mauritius), Port Victoria (Seychelles), and Male (Maldives), fostering regional maritime cooperation.
- **EEZ Surveillance** - Joint surveillance exercises were conducted within the EEZs of Tanzania, Mozambique, Mauritius, and Seychelles, enhancing maritime security and domain awareness.
- **Capacity Building** - Furthermore, African personnel received training at Indian naval institutions in Kochi, focusing on essential naval operations, watch keeping procedures, and security protocols.

## **Science**

### **Dr. K. Kasturirangan: A Legacy of Space and Education**

*Recently, former ISRO Chairman Dr. Kasturirangan's passing on April 25, 2025, at 84, marks the loss of a visionary who profoundly impacted India's space program and education system, inspiring generations.*

- **Early Life and Education** - Born in Ernakulam, Kerala, in 1940, Dr. Kasturirangan earned degrees in Physics from Bombay University and a doctorate in High Energy Astronomy in 1971.
- **Leadership at ISRO** - As ISRO Chairman (1994-2003), he spearheaded the operationalization of PSLV and successful GSLV testing, marking a period of significant technological progress.
- **Chandrayaan-1 Mission** - Dr. Kasturirangan conceptualized India's first lunar mission, Chandrayaan-1 (launched 2008), which famously discovered water molecules on the moon.
- **Contributions Beyond ISRO** - Post-ISRO, he served in the Rajya Sabha and Planning Commission, notably chairing the committee for the transformative New Education Policy 2020.
- **Awards and Recognition** - His immense contributions were recognized with India's highest civilian honors: Padma Shri, Padma Bhushan, and Padma Vibhushan.

### **Miscellaneous**

#### **National Institute of Electronics and Information Technology (NIELIT)**

*Recently, NIELIT signs MoUs with 8 Visionary Organizations to Propel Digital India Initiatives.*

- **NIELIT Status** - Operates as an autonomous organization under the Ministry of Electronics and Information Technology (MeitY).
- **Mission** - To Provide Advance education, specialized training, and foster research and development in the fields of Electronics, Information Technology, and cutting-edge technological domains.
- **Also recognized** - As a National Examination Body for accrediting institutions and organizations conducting non-formal sector courses in IT and Electronics.
- **Organisations with whom NIELIT has signed MoU** - Semi-Conductor Laboratory (SCL), ERNET India, National Institute of Solar Energy (NISE), Amrita Vishwa Vidyapeetham, SKYROOT Aerospace, Institute for Financial Management and Research (IFMR) and Kyndryl India.

#### **World Veterinary Day 2025**

*Recently, World Veterinary Day 2025, was observed on April 26<sup>th</sup>.*

- *The 2025 theme, "Animal Health Takes a Team," underscores the collaborative spirit within veterinary medicine.*
- **First initiated by**- World Veterinary Association (WVA) in year 2000.
- **In India initiated by** - Department of Animal Husbandry and Dairying under Ministry of Fisheries, Animal Husbandry and Dairying.
- **Aims to** - Honor the dedication of veterinary professionals but also emphasizes their crucial contributions to animal well-being, human health, and environmental protection.
- **Livestock Statistics** - India is home to over 536 million livestock, the largest in the world and nearly 70% of rural households depend on animals for income, food, and security.

### **Prestigious French Award**

*Recently, Mumbai filmmaker Payal Kapadia received the 'Officier dans l'Ordre des Arts et des Lettres' from the French Government for her cinematic contributions.*

- **Joining Illustrious Company** - This honor places Payal Kapadia alongside prominent Indian artists like Amitabh Bachchan, Shah Rukh Khan, and Lata Mangeshkar.
- **About 'Officier dans l'Ordre des Arts et des Lettres'**
- **French Recognition** - Prestigious French award for significant contributions to arts and literature.
- **Order of Merit** - One of France's four ministerial orders, ranking below the Ordre National du Mérite and Légion d'Honneur.



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