



Rapid Fire Current Affairs

Mylara Cult

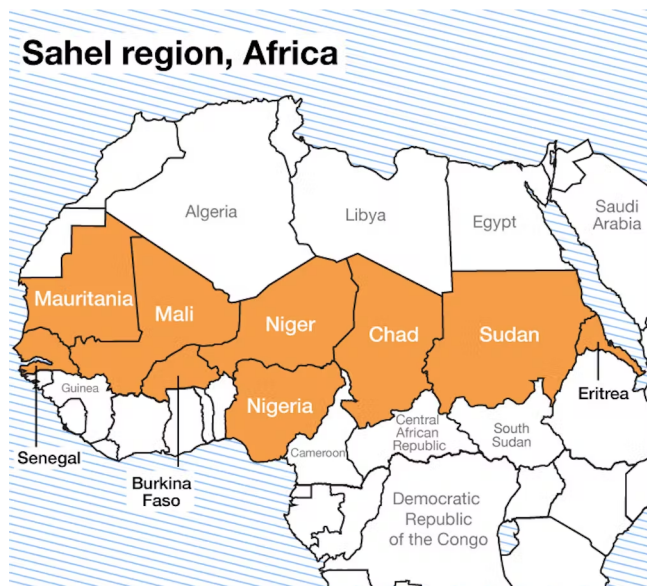
The discovery of two ancient sculptures in Basrur, Karnataka, has led to the revelation that the **Mylara cult existed in the coastal region.**

- Two sculptures resembling those from the 15th and 17th centuries were found in Basrur (historical trading city of the Medieval period).
 - A unique sculpture depicting a **royal hero sitting on a horse holding a sword and a bowl was found in a well.**
 - Another stone tablet containing **Mylara and Mylaladevi sitting on an ornate horse and holding swords was found in a tank.**
- The Mylara cult was a religious tradition in the **Deccan region during the medieval period.**
- The cult is centered around the **worship of a goddess named Mylara, believed to be a form of Lord Shiva.**

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African Union Suspends Niger from All Institutions Following Coup



The [African Union \(AU\)](#) has suspended **Niger from all of its institutions and activities** following the **recent [coup](#) that overthrew the democratically elected president of Niger.**

- The AU is a continental body consisting of the **55 member states that make up the countries of the African Continent.**
- In 1963, African states established the **Organisation of African Unity** to enhance cooperation.
- In 2002, the **Organisation of African Unity was succeeded by the AU**, with one of its goals to accelerate the **"economic integration of the continent"**.
- The AU called on member nations and the international community to reject the **unconstitutional change of government.**
 - This action could impact **diplomatic relations and foreign forces' activities in Niger.**
- The West African regional bloc [Economic Community of West African States \(ECOWAS\)](#) **demanded the reinstatement of the President.**

Read more: [Coup in Niger](#)

Revolutionizing Sectors with Next-Gen Photonic RF Conversion

The **Next-Generation Photonic Analog-to-Digital Converters (NG-PADC) project** has developed new prototypes with the capability to instantly measure, generate, and transport [Radio Frequency \(RF\)](#) signals using optical methods.

- This **breakthrough technology has the potential to revolutionize the way RF signals are transported through optical means.**
 - It can also facilitate **faster digital communication, improved satellite communication, better medical imaging, and photonic radars.**
- **Radio frequency** refers to the range of electromagnetic frequencies that are commonly **used for wireless communication** and various other applications.
 - RF **signals typically range from** around 3 kilohertz (kHz) to 300 gigahertz (GHz).
 - They are used for transmitting and receiving wireless signals, such as those used in **radio broadcasting, television and cellular communication.**

India's First Carbon Negative Garrison Achieves Milestone with Solar Power

The **College of Military Engineering (CME)** in Pune, Maharashtra has achieved a remarkable feat by becoming **India's inaugural carbon-negative garrison** through its recent implementation of a **5-megawatt (MW) [solar power plant](#)**, elevating its total solar power generation capacity to 7 MW.

- In addition to fiscal savings of approximately Rs 6.5 crore per annum, the power generated at **CME is distributed to various defense establishments in Pune**, contributing to the realization of the '[National Clean Air Programme](#)' and reducing dependency on conventional thermal power plants.
- Established in **1948** as a premier institute for the armed forces, the **CME trains personnel from the Indian Army, Navy, Air Force, and foreign counterparts.**

Read more: [India's Solar Power Dream](#), [National Clean Air Programme](#)

Annual Capacity Building Plan of Minister of Rural Development and Panchayati Raj

Recently, the **Minister of Rural Development and Panchayati Raj** launched the **Annual Capacity Building Plan (ACBP)** of the Department of Rural Development, Department of Land Resources and Ministry of Panchayati Raj.

- It is a plan document that is developed based on the competency enhancement requirements of the officials of the **Ministry/Department/Organization (MDO)**, that is ascertained through carrying out **Competency Need Analysis (CNA)**.
 - The ACBP aligns itself closely with the **Vision of New India @2047** and is designed under the guidance of the [Capacity Building Commission](#).
- This framework follows a triad of lenses, focusing on **National Priorities, Citizen Centricity, and Emerging Technology**.
 - It is complemented by the three pillars of **Individual, Organizational, and Institutional** development/

Read more: [Mission Karmayogi](#)

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