



Rapid Fire Current Affairs

New Study Challenges Existence of Lightning on Venus

A recent study, utilizing data from the [National Aeronautics and Space Administration \(NASA\)'s Parker Solar Probe](#), has raised doubts about the presence of [lightning on Venus](#), a topic debated among scientists for decades.

- The study published in Geophysical Review Letters, suggests that the observed "lightning" near Venus **may not be actual lightning** but rather **disturbances in the planet's weak magnetic fields**.
 - Previous scientific belief suggested constant lightning on Venus, but signals collected by various instruments over time challenge this notion.
- Another study suggests that previous observations of lightning may have been **misinterpreted meteor burn-ups in the atmosphere**.
- Venus is known for its inhospitable conditions, including extreme temperatures that makes it the **hottest planet in the solar system** and atmospheric pressure.

Read more: [Active Volcanoes on Venus](#), [Recent Findings about Venus](#)

Military Nursing Service(MNS) celebrates 98th Raising Day

- The MNS recently celebrated its **98th Raising Day on 1st October, 2023**. As one of the **oldest and most distinguished all-women services in the Armed Forces**, MNS has made significant contributions to healthcare in India.
- The MNS originated during the **pre-independence colonial era** when British and Indian soldiers served in the British Army. In 1888, the **Indian Army Nursing Services (IANS)** was formally established, marking the **start of military nursing in India**.
- During **World War I and II**, officers of IANS played a crucial role in **providing medical care to wounded soldiers**.
- On October 1st October 1926, the Permanent Nursing Service was raised in the Indian Army and designated as the Indian Military Nursing Service.
 - Post-Independence, MNS was established as part of the [Armed Forces Medical Services \(AFMS\)](#).

National Turmeric Board

Recently, the Government of India has established the **National Turmeric Board**. As India is the world's **largest producer (75% of global turmeric production), consumer, and exporter of turmeric**, this move aims to enhance the development and expansion of the turmeric industry within the country.

- The Board will consist of a **Chairperson appointed by the Central Government**, members from key government departments including the **Ministry of AYUSH, Departments of Pharmaceuticals, Agriculture & Farmers Welfare, Commerce & Industry of the Union Government**, along with rotating senior State Government representatives from three states.
 - The Board is expected to help develop and grow the spice market in India, which controls over **62% share of the turmeric world trade**.

- The largest producing states of Turmeric are **Maharashtra, Telangana, Karnataka and Tamil Nadu.**
- With its strategic approach, it aspires to propel turmeric exports to a **staggering USD 1 Billion by 2030**, ultimately benefiting both growers and consumers.

Read more: [Spices Sector in India](#)

New Fish Species Discovered in Nagaland's Milak River



Recently, researchers have identified a previously unknown [fish species](#), ***Badis limaakumi***, in **Nagaland's Milak River.**

- This newfound species, named after **Limaakum**, a zoology professor at Fazl Ali College in Nagaland, distinguishes itself with a **unique opercular blotch near its opercular spine.**
 - The absence of spots on its sides and cleithrum, along with fewer lateral line scales, further sets it apart.
- Belonging to the ***Badidae* or *Badis* family**, a group of freshwater fish often found in slow or moderately flowing streams, this fish is also a culinary delight in various regions across **India, Bangladesh, Nepal, Pakistan, Thailand, and Myanmar.**
- Fish from the *Badis* family are also known as **chameleon fish** for their **ability to change colour.** This helps them blend with the surroundings when under stress.

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