



NITISH Device

Why in News?

The **Bihar State Disaster Management Authority** has launched the **Novel Initiative Technological Intervention for Safety of Human Lives (NITISH)** device.

- It is an innovative **pendant-shaped device** designed to **provide timely alerts to farmers and the public**, specifically targeting **lightning, floods, heatwaves**, and cold waves.

Key Points

- The initiative was triggered by recurring deaths among farmers due to lightning and flash floods, emphasizing the device's role in saving lives.
- It is introduced in collaboration with **the Indian Institute of Technology (IIT), Patna**.
- The device is connected to the **Bihar Meteorological Service Centre**, ensuring **real-time and accurate weather-related alerts**.
- The pendant will get **charged from body heat**. The device **will sound an alert in three ways**:
 - It will send **voice messages**.
 - Its **colour will change from green to red**.
 - The **device will keep warming till its user switches it off**.

Bihar State Disaster Management Authority

- Bihar SDMA was set up on 6th November 2007, under Section 14 (1) of the Disaster Management Act, 2005 passed by the Parliament.
- Its aim is to build a safe and disaster-resilient Bihar by developing a holistic, proactive, multi-disaster and technology-driven strategy for Disaster Management.
- This will be achieved through a culture of prevention, mitigation and preparedness.

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