

PRABHA IAS IPS COACHING ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 16/03/2026

1. Nationwide Survey to Document India's Manuscripts:

Recent - The Ministry of Culture has launched a three-month nationwide survey to map India's manuscript heritage.

The survey will identify and document manuscripts across the country to create a comprehensive national database.

Data collected will be stored in a national digital repository under the Gyan Bharatam Mission.

Institutional and privately held manuscripts will both be included in the documentation process.

2. Atomic Clock Failure Weakens NavIC Navigation System:

Recent - The atomic clock onboard IRNSS-1F has failed after completing its 10-year design life, affecting the functioning of NavIC, India's navigation system.

The number of satellites providing navigation services in NavIC has dropped from four to three, weakening the system's capability.

An Atomic Clock is an extremely precise clock that measures time based on the natural vibrations (frequency) of atoms, usually cesium or rubidium.

It keeps time by measuring the microwave frequency emitted when electrons in atoms change energy levels.

Atomic clocks are the most accurate time-keeping devices, losing or gaining less than one second in millions of years.

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They are essential in navigation systems like NavIC and Global Positioning System (GPS) to provide precise positioning, navigation, and timing (PNT) services.

3. Nor'wester:

Recent - A Nor'wester storm recently struck Odisha, causing casualties & infrastructure damage.

A Nor'wester is a severe, localised thunderstorm that occurs during the pre-monsoon season (March to May) in eastern and northeastern India.

It is known as Kalbaisakhi in Bengal and Bordoisila in Assam.

Intense daytime heating over the Chhotanagpur Plateau creates low pressure; this draws warm, moist air from Bay of Bengal that collides with cooler northwesterly air.

4. Sujal Gaon ID:

Recent - The Ministry of Jal Shakti has launched Sujal Gaon ID to digitally map rural piped water supply schemes.

Sujal Gaon ID is a scheme-based, unique digital ID assigned to every rural piped drinking water supply scheme under Jal Jeevan Mission 2.0.

It enables complete digital mapping of rural water supply infrastructure and assets across villages.

The initiative brings all rural drinking water schemes onto a single national digital platform for better governance and management.

5. Acrylonitrile:

Recent - A new experiment shows Acrylonitrile does not form cell-like membranes in the methane-ethane lakes of Titan, challenging earlier theories about possible life there.

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Acrylonitrile is a colourless, volatile, and flammable organic compound with the chemical formula C_3H_3N .

Scientists have detected acrylonitrile in the atmosphere of Titan, the largest moon of Saturn.

It is mainly used as a raw material in the production of plastics, synthetic rubber, and acrylic fibers.

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