

Bihar Special

Electricity consumption in Bihar

Why in the news?

Electricity consumption in Bihar increased by 426 MW to 7932 in a year.

- ❖ There has been an increase of 426 MW in the last one year. A record consumption of 7506 MW was recorded on 25 July 2023.

Environment And Geography

Bio-decomposer

Why in the news?

Recently Delhi Government is preparing to spray bio-decomposer, an alternative to stubble burning, over 5,000 acres of farmland.

About Bio-decomposer

Developed by Indian Agricultural Research Institute (IARI).

- ❖ Bio-decomposer is a microbial liquid spray (consortium of seven fungal species).

Rapid Agri-Waste Composting Technology

- ❖ **Capabilities:** Degrades various horticultural and agricultural residues, including vegetable, citrus fruit, flower waste, paddy straw, soybean trash, millet, and maize residues.

Significance:

- ❖ Converts agricultural waste into nutrient-rich compost.
- ❖ Improves soil quality and supports plant growth.
- ❖ **Efficiency:** Able to decompose agri-residues in situ within 25 days.

Defence And Security

Vertical Launch Short Range Surface-to-Air Missile (VL-SRSAM)

Why in the news?

Recently, the flight test of VL-SRSAM was successfully conducted by the Defence Research & Development Organisation (DRDO) & Indian Navy from the Integrated Test Range (ITR) in Chandipur, off the coast of Odisha.

- ❖ The flight test was carried out from a land-based vertical launcher.

About VL-SRSAM

- ❖ It is a vertically launched surface-to-air missile with all-weather capability for use by the Indian Navy.
- ❖ It is a ship-borne weapon system designed to neutralise various aerial threats at close ranges, including sea-skimming targets.

Indian Light Tank Zorawar

Why in the news?

DRDO successfully conducts first phase of Developmental Field Firing Trials of Indian Light Tank 'Zorawar'.



- ❖ **Event-** September 13, 2024
- ❖ The tank performed exceptionally well during field trials in desert terrain, meeting all intended objectives and demonstrating accurate firing performance.
- ❖ **Developed by :** The Zorawar was developed by the Combat Vehicles Research & Development Establishment (CVRDE) in collaboration with Larsen & Toubro Ltd. Various Indian industries, including MSMEs, contributed to its development.

Miscellaneous

National Security Strategies Conference 2024

Why in the news?

Recently, Union Home Minister Amit Shah inaugurated the two-day 7th National Security Strategy Summit 2024 in New Delhi.

- ❖ **Objective:** To discuss and develop solutions for emerging national security challenges.

Participants:

- ❖ Senior police leadership, Central Armed Police Forces, and intelligence agencies.
- ❖ Young police officers working at the ground level and domain experts.
- ❖ Over 750 officers from across India.

Dashboard Launch: Amit Shah launched a dashboard developed by the National Crime Records Bureau to implement decisions from previous conferences chaired by Prime Minister Narendra Modi.



NIMI Launches YouTube Channels for ITI Students

Why in the news?

National Instructional Media Institute (NIMI) has recently launched YouTube Channels to make vocational education more accessible for ITI Students.

- ❖ **Initiative:** Autonomous institution under Government of India, Ministry of Skill Development & Entrepreneurship (MSDE), Directorate General of Training (DGT), New Delhi
- ❖ **Available in 9 languages:** English, Hindi, Tamil, Bengali, Marathi, Punjabi, Malayalam, Telugu, and Kannada.

Content:

- ❖ Free, high-quality instructional videos.
- ❖ Tutorials, skill demonstrations, and theoretical lessons by industry experts.
- ❖ Sectors covered: Manufacturing, Electronics, IT.
- ❖ Regular updates to reflect the latest industry skills.

About National Instructional Media Institute (NIMI)

- ❖ Set up in 1986 by the name of Central Instructional Media Institute by the Government of India as a Subordinate Office.

- ❖ Registered as a society under the Tamil Nadu Societies Registration Act 1975.
- ❖ Renamed as NIMI in 2003.

Rangeen Machhli App

Why in the news?

The Union Minister for Fisheries, Animal Husbandry and Dairying has recently launched the 'Rangeen Machhli' App.

About Rangeen Machhli App:

- ❖ **Developed by:** ICAR-Central Institute of Freshwater Aquaculture with support from Pradhan Mantri Matsya Sampada Yojana.
- ❖ **Objective:** Provide multilingual information on popular ornamental fish species in eight Indian languages.

Features:

- ❖ Helps users locate nearby aquarium shops.
- ❖ Promotes local businesses.
- ❖ Connects users with reliable sources for ornamental fish.



China's Retirement Age Reform

Why in the news?

Recently China's top legislative body approved a proposal to raise the country's retirement age.

Current Context:

- ❖ China's retirement ages are among the lowest globally.
- ❖ Urgent reform is needed due to rising life expectancy (78 years in 2021, projected to exceed 80 years by 2050).
- ❖ The shrinking working population is needed to support the elderly.

Retirement Age Changes:

- ❖ **Men:** Raised from 60 to 63 years.
- ❖ **Women (White Collar):** Raised from 55 to 58 years.
- ❖ **Women (Blue Collar):** Raised from 50 to 55 years.
- ❖ **Implementation:** Changes will come into effect on January 1, 2025, and be phased in over 15 years.



Places In News

Renaming of Port Blair to Sri Vijaya Puram

Why in the news?

Union Home Minister Amit Shah announced the renaming of Port Blair as Sri Vijaya Puram.

Colonial Legacy: The earlier name carried a colonial legacy, while the new name represents the victory in India's freedom struggle.

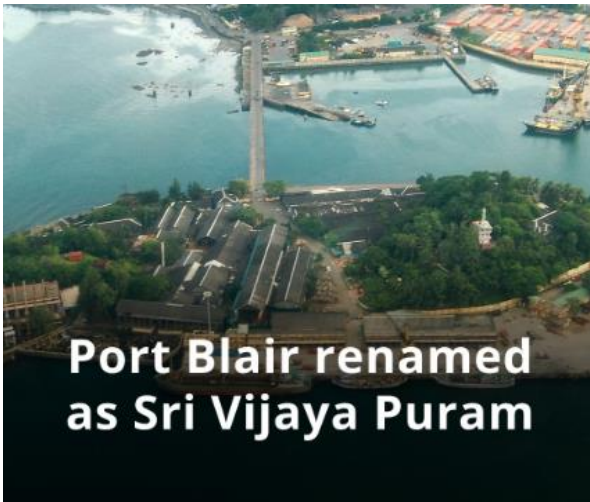
Significance:

- ❖ Symbolizes the role of the Andaman and Nicobar Islands in India's freedom struggle.
- ❖ Historically, the islands served as the naval base of the Chola Empire.

Historical Importance:

- ❖ Location where Netaji Subhash Chandra Bose first unfurled the Indian flag (Tiranga).
- ❖ Home to the Cellular Jail, where freedom fighters like Veer Savarkar were imprisoned.

Previous Initiative: In January 2023, Prime Minister Narendra Modi named 21 large uninhabited islands in Andaman and Nicobar after Param Vir Chakra awardees.



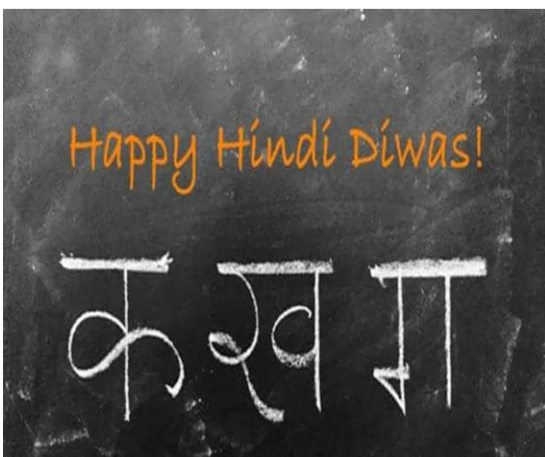
Important Days/ Dates

Hindi Diwas 2024

Why in the news?

Hindi Diwas, observed on September 14, marks the anniversary of Hindi's recognition as an official language in 1949, honoring its contribution to national unity and identity through various literary and cultural events.

- ❖ Hindi Day was celebrated for the first time in the year 1953.



World Ozone Day 2024

Why in the news?

The Ministry of Environment, Forest and Climate Change organized an event to mark the 30th World Ozone Day.



- ❖ Event : 13th September, 2024, Bharat Mandapam, New Delhi.
- ❖ Theme for 2024: "Montreal Protocol: Advancing Climate Actions".
- ❖ The day highlights the importance of the ozone layer for life on Earth and underscores the need for continued efforts to protect it.

News in Short

- ❖ Prime Minister Narendra Modi will flag off Indian Railways' first Vande Metro train on September 16, 2024. The first Vande Metro train will run between Bhuj and Ahmedabad in Gujarat.

- ❖ The World Health Organization (WHO) has announced the MVA-BN vaccine as the first vaccine against mpox to be added to its prequalification list.
- ❖ Doordarshan, India's public service broadcaster, is celebrating its 65th anniversary. It was established on 15 September 1959.

- ❖ Adani Airports Holdings Ltd has launched 'aviio' digital platform that will provide real-time data on passenger movement, baggage flow, wait time at gates and bags on belt. Aviio aspires to bring the aviation community together to collaborate and serve passengers better.



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