

UPSC Daily Current Affairs| One Liners 07-04-2025

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History, Art and Culture

Hamari Parampara Hamari Virasat (Our Tradition, Our Heritage)

Recently, a day long national level program in New Delhi in dedication to the 150th Birth Anniversary of Bhagwan Birsa Munda.

- **Launched by** - Ministry of Panchayati Raj (MoPR), in collaboration with the Government of Jharkhand.
- **Objectives** - To integrate tribal heritage into the nation's cultural and governance framework and to document the vibrant history and cultural practices of villages across Jharkhand.
- To preserve, enhance, and transmit to future generations the cultural heritage, folk songs, festivals, and worship practices integral of various ST communities in Scheduled Areas.
- **Events** - Traditional Mundari dance of the Santhali community and Munda tribal storytelling, etc.,
- **Significance** - It aligns with the Panchayats (Extension to the Scheduled Areas) Act, 1996 (PESA Act), which empowers Gram Sabhas in Scheduled Areas to safeguard tribal customs, traditions, and self-governance.

Polity & Governance

Vibrant Villages Programme-II (VVP-II)

Recently, Union Cabinet approved the Vibrant Villages Programme -II (VVP-II).

- It is a central sector scheme (100% Centre funding).
- **Objectives** - For comprehensive development of the villages located in the blocks abutting international land borders (ILBs), other than the Northern border already covered under VVP-I.
- To control trans-border crime and assimilate the border population with the nation and inculcate them 'as eyes and ears of the border guarding forces'.
- **Implementation** - In select strategic villages of States/UTs
- Arunachal Pradesh, Assam, Bihar, Gujarat, J&K, Ladakh, Manipur, Meghalaya, Mizoram, Nagaland, Punjab, Rajasthan, Sikkim, Tripura, Uttarakhand, Uttar Pradesh and West Bengal.
- **Duration** - For financial years 2024-25 to 2028-29.
- **Significance** - VVP-II along with VVP-I is a transformative initiative to make the border villages self-reliant and vibrant.

Related News- [Vibrant Village Programme I \(VVP-I\)](#)

Economy

Multitracking Projects

Recently, Union Cabinet approves 4 multitracking projects across Indian Railways.

- It refers to the addition of more than one railway track to an existing single or double-track line.
- **Aim** - To ensure seamless and faster transportation of both passengers and goods.
- **Umbrella scheme** - PM Gati Shakti National Master Plan.
- **Coverage** - 4 projects cover 15 Districts in 3 States (Maharashtra, Odisha, and Chhattisgarh).
- **Significance** - It will enhance connectivity to about 3350 villages and about 47.25 lakh population.

Agriculture

Sub-Mission on Agricultural Mechanization' (SMAM)

Recently, Minister of Agriculture and Farmers' Welfare informed about the role of SMAM in promotion of agriculture in Parliament.

- **Objective** - To provide financial assistance to farmers for Purchase of various agricultural machines and equipments including the post-harvest & processing technologies on individual ownership basis.
- **Umbrella scheme** - Rashtriya Krishi Vikas Yojana (RKVY) under Ministry of Agriculture and Farmers Welfare.
- **Implementation** - It will be implemented in all the Indian states.
- **Features** - It has both centrally sponsored and central sector scheme components.
- Custom Hiring Centres (CHCs) & Village Level Farm Machinery Banks (FMBs) to Provide machines and equipments to the farmers on rental basis as per their requirements.

Security

INDRA-2025

Recently, 14th edition of INDRA exercise was concluded in India.

- It is a **bilateral naval** exercise between Indian and Russia.
- **Started in** - 2003.
- **Objectives** - To enhance jointmanship and reinforce the shared commitment to uphold the principles of maritime order, promote global peace and stability.
- **Operations** - It involved complex coordinated manoeuvres and simulated engagements showcasing the combined combat power of the participating navies.

Science

HANSA-3 Next Generation (NG)

Recently, the Ministry of Science & Technology launched HANSA-3 (NG).

- It is an indigenous trainer aircraft technology for pilot licensing.
- **Developed by** - Council of Scientific & Industrial Research (CSIR).
- **Features** - It is 2-seater trainer aircraft with a digital display (glass cockpit) system and powered by an advanced fuel-efficient sports engine.
- **Significance** - It will fulfill the requirements of flying clubs in providing PPL (Private Pilot License) and CPL (Commercial Pilot License) training to the young generation.

Medium-Range Surface-to-Air Missile (MRSAM) Tests

Recently, 4 flight-tests of the Army version of Medium-Range Surface-to-Air Missile (MRSAM) from Dr APJ Abdul Kalam Island off the coast of Odisha was successfully completed.

- **Tests** - The missiles intercepted the aerial targets and destroyed them, registering direct hits.
- **Carried out by** - Indian Army from Eastern and Southern Commands under DRDO guidance.
- **MRSAM developed by** - DRDO and Israel Aerospace Industries.
- **MRSAM Army weapon system** - It comprises multi-function radar, command post, mobile launcher system and other vehicles.

Asteroid 2024 YR4

According to the latest reports, the asteroid named 2024 YR4 has a near chance of 4% to impact the Moon.

- **Discovered in** - 2024, by NASA's James Webb Space Telescope.
 - The asteroid *dubbed as a City killer*, which was initially reported 3.1% chance of impact Earth in 2032.
 - **Impact** - The collision of this asteroid will be 500 times more powerful than the Hiroshima bomb.
- YR4** measures between 53-67 metres in diameter, making it as big as a 15-storey building.



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