

5th October

Daily GK Update

- by Ambitious baba

**Economy | Appointment |Awards|Ranking
Government Scheme|Summit |Partnership | GDP
Banking & Financial | Defence |Sports|
Book and Author | Science and technology**

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Current Affairs Today 5th October 2024 Daily GK Update

National News

International Film Festival on Environment & Wildlife 'Vatavaran' Inaugurated

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- The 12th edition of International Film Festival and Forum on Environment and Wildlife, Vatavaran has inaugurated at Paryavaran Bhawan in New Delhi.
- The theme for the three-day film festival is "Wetlands for Life", focusing on the awareness and conservation of the wetlands eco-system.
- The festival uses films and documentaries to raise awareness about contemporary environmental issues and seeks to change the perception, practice, policy and governance regarding environmental issues.

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- The festival uses films and documentaries to raise awareness about contemporary environmental issues and seeks to change the perception, practice, policy and governance regarding environmental issues.
- CMS India organises the International Film Festival and Forum on Environment and Wildlife with support from the Union Ministry of Forest, Climate Change and Environment.
- CMS is a multi-disciplinary research think tank in India. The first CMS Vatavaran was organised in 2002 and is held every two years.

India & Jamaica sign 4 MoU to boost ties during Jamacia PM visit

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- India and Jamaica signed four MoU to strengthen and boost their bilateral relationships. The agreement was signed during Jamaican Prime Minister Andrew Holness's visit to India.
- Prime Minister Andrew Holness is the first Prime Minister of Jamaica to visit India.

Four MoUs are as follows:

1. Sharing of Successful Indian Digital Public Infrastructure with Jamaica to Promote Financial Inclusion and Social and Economic Transformation.
2. Cooperation between NPCI International Payments Limited and Egov Jamaica Limited.
3. Cultural Exchange Programme between the two countries years for 2024-2029.
4. Cooperation in Sports.

About Jamaica

- Capital- Kingston
- Currency- Jamaican Dollar
- Prime Minister- Andrew Holness

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PM Modi launch Dharti Aaba Janjatiya Gram Utkarsh Abhiyan in Jharkhand

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PM Modi launch Dharti Aaba Janjatiya Gram Utkarsh Abhiyan in Jharkhand



- Prime Minister Narendra Modi inaugurated the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan in Hazaribagh, Jharkhand.
- PM also laid foundation stones and inaugurated projects worth Rs 83,000 crore. It included Eklavya Model Residential Schools and the foundation stones of various developmental projects under the Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM-JANMAN), targeting the tribal communities.

About Dharti Aaba Janjatiya Gram Utkarsh Abhiyan

- Tribal Affairs Ministry has launched the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan.
- The Abhiyan aims to fill critical gaps in social infrastructure, health, education, and livelihood through 25 intervention schemes implemented by 17 central government Ministries and the Department of Government of India.



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- The Abhiyan aims to fill critical gaps in social infrastructure, health, education, and livelihood through 25 intervention schemes implemented by 17 central government Ministries and the Department of Government of India.
- The scheme's total expenditure is Rs 79,150 crore.
- The Abhiyan will cover around 63,000 villages in 549 districts and 2,740 blocks across 30 States and Union Territories.
- It is expected to benefit more than 5 crore tribal people in the targeted areas.

BPCL and Mumbai Port Authority to launch India's first green fuel ecosystem

- Bharat Petroleum Corporation Limited (BPCL) has an MoU with the Mumbai Port Authority (MbPA) and the Mumbai Port Sustainability Foundation (MPSF) to create a state-of-the-art green fuel ecosystem at Mumbai Port.
- This MoU represents a crucial advancement in India's shift toward cleaner energy alternatives. With a focus on innovations in green fuel, the initiative seeks to significantly cut greenhouse gas emissions, thereby supporting the nation's climate objectives.
- BPCL, MbPA, and MPSF are dedicated to pioneering sustainable practices that align with India's commitment to environmental stewardship.

IIT Delhi, IAF join hands for AI-powered research on aviation textile

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IIT Delhi, IAF join hands for AI-powered research on aviation textile



- IIT Delhi and Headquarters Maintenance (HQ) Command, Indian Air Force, Nagpur, have signed an MoU to collaborate on advancing innovative technologies for aviation textiles focusing on parachutes and other safety equipment.
- The Indian Institute of Technology (IIT) and HQ Maintenance will cooperate, collaborate and promote research and development in areas of obsolescence management, self-reliance, upgradations and digitisation through indigenisation in the field of aviation-grade textiles.

IITs in News

- DRDO and IIT Delhi developed light weight bullet proof jackets, named ABHED (Advanced Ballistics for High Energy Defeat), which offer 360-degree protection.
- National Health Authority and IIT Kanpur sign MoU for development of digital public goods for AI in Healthcare
- IIT Bhubaneswar inks pact with IG Drones on disaster management R&D
- IIT Madras Partners with IDBI Bank to Launch Cybersecurity Lab
- C-DOT partners with IIT Roorkee and Mandi to boost 6G standardization, connectivity

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- Some of the areas of interest for collaboration include raw material selection for various parachutes and safety equipment.

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- IIT Kanpur launched UDAAN programme to boost drone startups

Govt Approves ₹10,103 Crore National Mission on Edible Oils to Boost Self-Reliance in Oilseed Production by 2030

- The government** has approved the **National Mission on Edible Oils and Oilseeds (NMO-Oilseeds) for 2024-25** to 2030-31 with an outlay of 10 thousand 103 crore rupees.
- This has been done with an aim to make India self-reliant in oilseed production in the next seven years.
- The Union Ministry of Agriculture and Family Welfare will implement the National Mission on Edible Oils – Oilseeds (NMO-Oilseeds).
- The newly approved NMO-Oilseeds will focus on enhancing the production of key primary oilseed crops such as rapeseed mustard, groundnut, soybean, sunflower, and sesamum.
- It will also focus on increasing collection and extraction efficiency from secondary sources like cottonseed, rice bran, and tree-butter oils.
- The mission aims to increase primary oilseed production from 39 million metric tonnes in 2022–23 to 69.7 million metric tonnes by 2030–31. He said that together with NMO-OP (Oil Palm), the mission targets to increase domestic edible oil production to 25.45 million metric tonnes by 2030–31, meeting around 72% of the projected domestic requirement.
- India is the world's largest importer of edible oils and meets around 60-65 per cent of its requirements through imports. India sources most of its palm oil from Indonesia and Malaysia, while Argentina, Brazil, Russia, and Ukraine are the major sources of soy oil and sunflower oil.

Central Govt approves PM-RKVV and KY Schemes for Agriculture sector

- The Union Cabinet** has decided to **merge all Central schemes in the agriculture sector into two new schemes, Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVV) and Krishonatti Yojana (KY).**
- With a projected expenditure of ₹ 1,01,321.61 crore, the schemes will have a Central share of ₹ 69,088.98 crore and the States will have to add the remaining ₹32,232.63 crore.

- PM-RKVV, with an allocation of ₹57,074.72 crore, is aimed at promoting sustainable agriculture and KY will address food security and agricultural self-sufficiency, with a fund of ₹44,246.89 crore. Both the schemes will be implemented through State governments.
- The rationalisation of various schemes is to avoid duplication, ensure convergence and provide flexibility to States. Focusing on emergent challenges of agriculture such as nutrition security, sustainability, climate resilience, value chain development and private sector participation is also envisaged under two schemes.
- State governments will be able to draw a comprehensive strategic plan suiting their requirements for agriculture sector. Annual Action Plan (AAP) of States can be approved in one go rather approving individual scheme-wise AAPs.
- Schemes such as Soil Health Management, Rainfed Area Development, Agro Forestry, Paramparagat Krishi Vikas Yojana will be merged in the two new schemes.

About Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVV)

- The Rashtriya Krishi Vikas Yojana (RKVV) was launched by the central government in 2007-08.
- The scheme provides incentives to the state government to draw up comprehensive agriculture development plans to ensure more inclusive and integrated development of agriculture and allied sectors.
- In the 2017 -18 fiscal year, the RKVV was converted into Rashtriya Krishi Vikas Yojana - Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVV- RAFTAAR) with a major focus on pre and post-harvest infrastructure, besides promoting agri - entrepreneurship, innovations and value addition.
- Now, it has been replaced by Pradhan Mantri Rashtriya Krishi Vikas Yojana (PM-RKVV).
- The PM-RKVV scheme comprises the following central government schemes-
 - Accelerator Fund for Agri Startups
 - Agroforestry
 - Agricultural Mechanization, including Crop Residue Management
 - Crop Diversification Programme
 - Paramparagat Krishi Vikas Yojana
 - Per Drop More Crop
 - Rainfed Area Development
 - RKVV DPR component
 - Soil Health Management

About Krishonnati Yojana

- Krishonnati Yojana was launched in 2005, during the 10th five-year plan.
- It is an umbrella scheme of 12 schemes/missions of the central government and centrally sponsored schemes related to the agriculture sector.
- These schemes aim to develop the agriculture and allied sectors holistically and scientifically.

- It aims to increase farmers' income by enhancing production, productivity and better returns on produce.

Marathi, Bengali, Pali, Prakrit and Assamese Get Classical Language Status

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Marathi, Bengali, Pali, Prakrit and Assamese Get Classical Language Status

The Union Cabinet has approved giving the status of 'classical language' to five more languages - Marathi, Bengali, Pali, Prakrit and Assamese. With this cabinet decision, the number of languages that have the status will nearly double from 6 to 11. The languages that had the tag earlier were Tamil, Sanskrit, Telugu, Kannada, Malayalam and Odia. Tamil was granted the status in 2004 and the last language to get it was Odia, in 2014. Tamil was the first language to be accorded classical language status in India in 2004.

About Criteria for being Classical Language
The Union Ministry of Culture set up a Linguistic Expert Committee under Sahitya Akademi in 2004 to set the criteria for recognising an Indian language as a classical language.

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About Criteria for being Classical Language

- The Union Ministry of Culture set up a Linguistic Expert Committee under Sahitya Akademi in 2004 to set the criteria for recognising an Indian language as a classical language.
- The criteria have been revised from time to time, and the present set of criteria are as follows:
- Antiquity: Language's early texts/recorded history must be 1500- 2000 years old.

- Language shall have ancient literature/texts considered a heritage by generations of speakers.
- Language must include knowledge texts, especially prose texts, poetry, and epigraphical and inscriptional evidence.
- Classical Languages and literature could be distinct from their current form or discontinuous with later forms of their offshoots.

Science

Bharat Electronics, Israel Aerospace Industries form joint venture firm

- **Navratna Defence PSU Bharat Electronics Limited (BEL) and Israel Aerospace Industries (IAI)**, Israel's leading aerospace and defence company, have established a joint venture company (JVC), which has been incorporated in the name of BEL IAI AeroSystems Private Ltd.
- The JVC with its registered office in Delhi shall be the single point of contact (SPOC) for extending long-term product support to the Medium Range Surface-to-Air Missile (MRSAM) systems of India's defence forces.
- MRSAM is an advanced, path-breaking air and missile defence system that provides protection against a variety of aerial threats, according to the company.
- It was jointly developed by IAI and DRDO for India's defence forces and is currently used by the Indian Air Force, Indian Army, Indian Navy and also Israeli defence forces, it was noted. The system includes an Advanced Phased Array Radar, Command and Control shelter, mobile launchers and interceptors with an advanced RF seeker.

Defence

Bharat Forge teams up with US defence giants for next-gen artillery systems

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- Bharat Forge subsidiary of Kalyani Strategic Systems has signed an agreement with US-based defence companies AM General and Mandus Group. The collaboration focuses on the development and production of advanced artillery gun platforms designed to meet the evolving needs of modern armies.
- The companies aim to create compact, robust, lightweight, ruggedized, and mobile artillery systems capable of operating in all weather conditions and terrains.



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- The companies aim to create compact, robust, lightweight, ruggedized, and mobile artillery systems capable of operating in all weather conditions and terrains.
- This initiative includes the development of 105mm and 155mm next-generation artillery platforms featuring disruptive technology that enhances responsiveness, survivability, and transportability.
- This strategic collaboration aims to co-develop and co-produce the most versatile and innovative weapon systems.

Important day

4 October - Animal Welfare Day

- Animal Welfare Day is observed annually on October 4.
- The day aims to inform people about the essential protection and care of animals while striving to inculcate empathy toward them.

- Theme 2024 - **The World Is Their Home Too**
- World Animal Day was first celebrated in 1925 by Heinrich Zimmermann, a German writer and animal welfare activist.
- Zimmermann initially held the event on March 24, 1925, in Berlin, attracting more than 5,000 attendees. By 1929, the date was moved to October 4 to align with the feast day of St. Francis of Assisi, who is known for his love and respect for animals.

4 - 10 October - **World Space Week**

- **World Space Week** is an annual event **celebrated from October 4 to 10**, highlighting the benefits of space exploration and promoting international cooperation in space activities.
- Theme 2024 - **Space & Climate Change**
- In 1999, the UN General Assembly proclaimed World Space Week by resolution 54/68.
- The main aim is to celebrate the contributions of space science and technology to the betterment of the human condition.

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