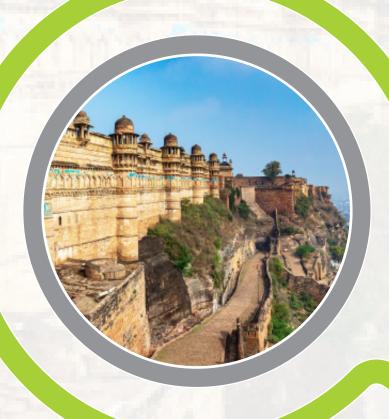


# STATE PCS CA CONSOLIDATION MADHYA PRADESH



**MAY 2025** 



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Tonk Road, Vasundhra Colony, Jaipur, Rajasthan



Burlington Arcade Mall, Burlington Chauraha, Vidhan Sabha Marg, Lucknow



12, Main AB Road, Bhawar Kuan, Indore, Madhya Pradesh

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# MP High Court Upholds Withdrawal of Financial Powers of Sarpanch

#### Why in News?

The Madhya Pradesh High Court recently upheld the decision of the Chief Executive Officer (CEO), District Panchayat, to withdraw the financial powers of Sarpanch of **Gram Panchayat** on charges of corruption.

The withdrawal followed the registration of a Lokayukta case against the sarpanch for demanding a bribe.

#### **Key Points**

- Arguments Regarding the Case:
  - ★ The sarpanch challenged the order. contending that the CEO acted beyond jurisdiction since no specific provision allows withdrawal of financial powers merely upon registration of a criminal case.
- High Court Verdict:
  - ★ HC referred to the Madhya Pradesh Panchayat (Powers & Works of CEO) Rules, 1985.
  - ★ It observed that the CEO has supervisory and controlling powers over Panchayats, including ensuring proper use of allocated funds.
  - ★ Withdrawing financial powers of the Panchayat representative on corruption charges falls within the CEO's jurisdiction.
  - ★ Consequently, the HC dismissed the petition filed by the sarpanch.
- Legal and Governance Implications:
  - ★ Role of CEO in Panchayat Administration: The ruling clarifies the extent of powers of the CEO, District Panchayat, highlighting the supervisory role over Panchayat activities and safeguarding public funds.
  - ★ Checks Against Corruption: The decision reinforces administrative checks against **corruption** at the grassroots level by allowing timely intervention even before final adjudication in criminal cases.

★ Balancing Due Process and Administrative Action: While the criminal case is pending, administrative authorities are empowered to take preventive measures to avoid misuse of funds, reflecting a balance between legal due process and governance accountability.

#### **Governance of Panchayti Raj Institutions (PRIs)**

- State Subject: Local governance falls under the jurisdiction of state governments, with PRIs operating as per respective State Panchayati Raj
- **Constitutional Framework:** 
  - **★** 73<sup>rd</sup> Constitutional Amendment Act (1992) established a three-tiered Panchayat system and mandated 1/3rd reservation for women, later increased to 50% in 21 states and 2 UTs.
  - Article 243D provides for reservation for Scheduled Castes, Scheduled Tribes, and Backward Classes in PRIs.
  - ★ Article 40 of the Constitution, a <u>Directive</u> Principle of State Policy, mandates the State to establish village panchayats and grant them the necessary powers and authority to function as self-governing units.
- The Panchayats Extension to Scheduled Areas (PESA) Act, 1996, grants Gram Sabhas in Scheduled Areas special powers to manage natural resources and protect tribal culture and livelihoods.

# **MP Launches Key Development Projects**

#### Why in News?

To commemorate the 300th birth anniversary of Lokmata Devi Ahilyabai Holkar, Madhya Pradesh announced key initiatives to boost infrastructure, empower women, and create youth jobs.

#### **Key Points**

- Key Cabinet Decisions:
  - ⋆ Devi Ahilyabai Holkar Training Program Scheme:









- Aims to link youth with employment through skill development.
- Provides interest subsidies up to Rs 10,000 per individual on skill-based loans.
- Annual government allocation will be Rs 100 crore.
- ★ Madhya Pradesh Metropolitan Area Planning and Development Act, 2025:
  - Enables creation of Metropolitan Planning Committees and Development Authorities for cities with population over 10 lakh.
  - Focus areas will be urban planning, education, healthcare, and economic growth in cities like Indore, Bhopal, Ujjain, and Dewas.
- Acharya Shankar Museum under Ekatma Dham Project:
  - Revised budget of Rs 2,195 crore sanctioned.
  - The museum, located at <u>Omkareshwar</u>, will focus on <u>Advaita Vedanta</u> and aims to promote education and tourism.
- Working Women's Hostels in Industrial Areas:
  - Approval for constructing 26 hostels across 4 industrial zones with the Budget of Rs 249 crore.
  - Facilities to include food courts, entertainment zones, and childcare areas, creating a safe and enabling space for women workers.
- ★ Upgradation of MYR Hospital and Shyam Shah Medical College:
  - Approval of Rs 1,095 crore to upgrade Maharaja Yashwant Rao Hospital (Indore) and Shyam Shah Medical College (Rewa).
  - Includes construction of new hospital blocks, nursing hostels, and improved medical infrastructure.
- ★ Rahveer Yojana:
  - Incentivises bystanders who transport accident victims within the "golden hour".
  - Reward increased from Rs 5,000 to Rs 25,000 per lifesaving act.

#### Extension of Mukhyamantri Urban Sanitation Mission:

- The scheme extended till 2028–29 with a budget of Rs 227 crore.
- Focus on enhancing urban sanitation through purchase of sludge removal vehicles, sewer cleaning tools, and protective gear for sanitation workers.

#### Ahilyabai Holkar



- Birth & Background: Ahilyabai was born on 31st May 1725 in Chondi, Ahmednagar (Maharashtra), her father, Mankoji Rao Shinde, was the village head
- Marriage & Early Life: She was married to Khanderao Holkar in 1733, the son of Malhar Rao Holkar, the ruler of Malwa and the founder of the Holkar dynasty.
  - ★ Ahilyabai was widowed in 1745 after Khanderao died in the siege of Kumher Fort.
  - Malhar Rao Holkar prevented Ahilyabai from committing sati and trained her in military and administrative matters.
- Ascension to Power: After the death of Malhar Rao Holkar in 1766 and her son Male Rao Holkar in 1767, Ahilyabai Holkar took charge of Malwa and became the ruler of Indore in 1767.
  - She appointed Tukoji Rao Holkar as army commander and made Maheshwar in Madhya Pradesh the Holkar dynasty's capital.
- Social and Economic Contributions: Ahilyabai Holkarrebuiltthe Somnath and Kashi Vishwanath temples, restoring key Jyotirlingas of Lord Shiva. She patronised scholars like Khushali Ram, Marathi poet Moropant, and Shahir Anantaphandi.

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- She promoted women's education, widow remarriage, and opposed practices like sati, while uplifting Bhil, Gond tribes, and lower castes.
- ★ She made Maheshwar and Indore major trade hubs, promoting the Maheshwari weaving industry and making Maheshwari sarees renowned across India, now registered with a Geographical Indication (GI) tag.

# Tuberculosis Elimination Camp and Healthy Liver Mission

#### Why in News?

The **Governor of Madhya Pradesh** honoured stakeholders of the **100-day Ni-Kshay Shivir Abhiyan** and launched the **state-wide Healthy Liver Mission** in Bhopal.

#### **Key Points**

#### 100-Day Ni-Kshay Shivir Abhiyan

- Under the <u>National Tuberculosis Elimination</u> <u>Program</u>, the state conducted <u>special health</u> <u>camps to identify TB cases</u>, ensure timely treatment, and raise public awareness about the disease.
  - ★ The campaign enabled citizens to receive testing and consultations through the joint efforts of the health department, NGOs, public representatives, and civil society.
- Under this campaign, over **5,000 Gram Panchayats** have been declared TB-free.
  - ★ Seoni and Betul districts have secured the highest number of TB-free Gram Panchayats for three consecutive years.
  - Kanhar (Mandla), Patwa (Balaghat), and Sawarwani (Chhindwara) have achieved TBfree status.
- The state government is striving for 100% coverage under the initiative, aiming to eliminate TB from the state by 2028.

#### **Healthy Liver Mission**

This initiative is aimed at combating liver-related diseases.

- ✓ India leads the world in fatty liver disease prevention, with Madhya Pradesh emerging as the top-performing state in the country.
- The mission will focus on awareness, early detection, treatment, and prevention of conditions such as <u>hepatitis B</u> and C, <u>fatty liver</u>, and <u>cirrhosis</u>.
- Under this, the health department will conduct screening camps, provide medical training, offer consultations, and distribute free medicines statewide.

#### **National TB Elimination Programme (NTEP)**

- In 2020, the Revised National Tuberculosis Control Program (RNTCP) was renamed the NTEP with the goal to eliminate TB in India by 2025, five years ahead of the global target of 2030.
- The program is guided by the National Strategic Plan (2017-2025) under the strategic pillars: Detect – Treat – Prevent – Build (DTPB).
- The NTEP focuses on early diagnosis, qualityassured treatment, engaging private providers, contact tracing in high-risk areas, and addressing social determinants through a multi-sectoral approach.
- The programme recorded its highest-ever case notifications, reporting 25.5 lakh TB cases in 2023 and 26.07 lakh cases in 2024.
- Under NTEP, India introduced improved drugresistant TB treatments, including a safer, shorter all-oral Bedaquiline regimen, increasing success rates from 68% in 2020 to 75% in 2022.
  - ★ The mBPaL regimen (Bedaquiline, Pretomanid, Linezolid) offers 80% success for MDR-TB, reducing treatment duration to six months.

#### **Fatty Liver Disease**

- Fatty liver disease (hepatic steatosis) is the buildup of excess fat in liver cells.
  - It becomes unhealthy when fat exceeds 5% of liver cells (hepatocytes), affecting liver function and metabolism.
- It is of 2 types- NAFLD (Non-Alcoholic Fatty Liver Disease) & Alcoholic Fatty Liver Disease (AFLD)

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Tuberculosis (TB) is an infectious disease that affects the lungs. Tuberculosis is preventable and curable.

#### **Prevention**

- Seek medical intervention if symptoms persist
- If at a higher risk (HIV patients), get tested for TB.
- Practice good cough hygiene: Wear a mask and avoid contact

#### Causes:

- Mycobacterium tuberculosis
- Coughing droplets
- Prolonged exposure from a patient

#### Symptoms of TB:

Chest pain
Weakness
Weight loss
Fever
Night sweats
Prolonged cough

#### Facts

- 1.6 million deaths in 2021 Worldwide
- 13<sup>th</sup> leading cause of death
- India aims to achieve the UN's TB-related SDGs by 2025, five years ahead of the global target to end the TB epidemic by 2030.

#Tuberculosis

#### Ni-kshay Programme

- Nikshay Mitra are individuals or groups who adopt one TB patient for their treatment for a period of 6 months
- Provision of free drugs and diagnostics
- Ni-kshay Poshan Yojana for nutritional support to TB patients

# Development of Green Cities in Madhya Pradesh

#### Why in News?

The Madhya Pradesh government has launched a scheme to develop major **historical**, **religious and <u>tourist</u> cities** of the state as **"Green Cities"**.

#### **Key Points**

- About the Scheme:
  - ★ This scheme has been brought under the guidelines of Renewable Energy Policy 2025.

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- ★ The Department of Renewable Energy, State **Government** and the concerned municipal bodies will be responsible for implementation.
- ★ The aim of the scheme is to develop 10 major cities of Madhya Pradesh as model green cities for environmental protection and clean energy in the next two years.
- Historical and religious cities like Maheshwar, Chanderi, Mandu, Orchha, Amarkantak, Bhimbetka, Omkareshwar and Chitrakoot will be included in the scheme.
- ★ The government has started this initiative as a pilot project from Sanchi and Khajuraho.

#### Use of Green Energy:

- → 75% of the electricity in these cities will be supplied from solar and other renewable energy sources.
- ★ Green energy will be used in religious places, schools, Anganwadis, health centres and government institutions.

#### Key Features:

- ★ All street lights will be solar powered.
- ★ Solar lanterns will be provided to hawkers and
- ★ Incentives and assistance for large consumers (above 6 kW) to adopt solar energy.
- ★ Solar rooftop will be mandatory in multi-storey buildings.
- ★ Electric vehicles will be promoted and 50% of the energy in their charging stations will be derived from renewable sources.
- ★ Promotion of biogas plants and community solar farming.

#### • Importance:

- ★ This scheme will reduce pollution and carbon emissions will decrease due to the use of green energy.
- ★ Increasing use of renewable energy will strengthen the energy security of the state.
- ★ These places will become clean and energy efficient, which will increase the attraction of tourists.
- ★ This scheme will strengthen the sustainable development and clean energy goals of Madhya Pradesh.

#### **Renewable Energy**

- This is the energy that depends on natural sources. It includes various types of solar energy, geothermal energy, wind, tides, water and biomass.
- It is noteworthy that it can never end and is constantly renewed.
- Renewable energy resources are spread over a much wider area than conventional sources of energy (which are present in a very limited area of the world) and can be easily available to all countries.
- These are not only environmental friendly but also have many economic benefits associated with them.

#### **Electric Vehicles (EVs)**

- Introduction: Electric vehicles are vehicles that use one or more electric motors for propulsion instead of a conventional internal combustion engine (ICE) powered by petrol or diesel.
  - ★ Although the concept of electric vehicles has existed for a long time, there has been widespread interest in them in the last decade due to the increasing carbon emissions and other environmental impacts of fuel-based vehicles.

#### • Type:

- ★ Battery Electric Vehicles (BEVs): These rely entirely on battery power for propulsion and produce zero tailpipe emissions.
- → Plug-in hybrid electric vehicles (PHEV) : These have a gasoline engine along with an electric motor. They can be charged externally and run on battery power for a limited distance, while the gasoline engine can be used for longer trips.
- ★ Hybrid electric vehicles (HEVs): These use both an electric motor and a gasoline engine, but the battery cannot be directly plugged in and charged.
  - The battery is charged through the gasoline engine or regenerative braking.

















# Tapti Basin Mega Recharge Project

#### Why in News?

Madhya Pradesh and Maharashtra have signed a Memorandum of Understanding (MoU) to jointly implement the Tapti Basin Mega Recharge Project.

#### **Key Points**

- About the project:
  - ★ This is the world's largest groundwater recharge scheme , which aims to ensure optimal utilization of river water resources for irrigation in both (Madhya Pradesh and Maharashtra) states.
  - Under this, Madhya Pradesh and Maharashtra will jointly develop three tributaries of the Tapti River originating from Multai, Madhya Pradesh.
  - ★ This is the third major inter-state river project involving Madhya Pradesh after <u>Ken-Betwa</u> <u>Link Project</u> (Madhya Pradesh and Uttar Pradesh) and <u>Parvati-Kalisindh-Chambal Link</u> <u>Project</u> (Madhya Pradesh and Rajasthan).

#### Key Features:

- ★ Water Allocation: Under this project, water will be transferred from the Tapti River to provide drinking water supply to northeastern Maharashtra and for irrigation support in southern and south-eastern Madhya Pradesh.
  - The total water available for use is 31.13 thousand million cubic feet (TMC), out of which 11.76 TMC is allocated to Madhya Pradesh and 19.36 TMC to Maharashtra.
  - The project involves construction of a diversion weir on the Madhya Pradesh-Maharashtra border and development of right and left bank canals in both the states.
  - Under this project, 3,362 hectares of land of Madhya Pradesh will be used, for which no displacement or rehabilitation will be required.

★ Beneficiary Districts: The project covers Burhanpur and Khandwa districts of Madhya Pradesh and Akola, Amravati and Buldhana districts of Maharashtra , which have traditionally suffered from groundwater stress and erratic rainfall.

#### Tapi/Tapti River:

- Another important west-flowing river originates from the <u>Satpura mountain range in Betul</u> <u>district of Madhya Pradesh.</u>
- It flows in a fault valley parallel to the Narmada but its length is much shorter.
- Its basin covers parts of Madhya Pradesh, Gujarat and Maharashtra.
- The three major tributaries of the Tapti River the Purna, Girna, and Panjara —flow from the south in the state of Maharashtra.
- Ukai Dam: A major <a href="hydroelectric project">hydroelectric project</a> located on the Tapi River , which provides water and power to the surrounding areas.

# Asia Pacific Sprint Cup 2025

#### Why in News?

Prince Goswami from Madhya Pradesh delivered an outstanding performance and won the gold medal at the Asia Pacific Sprint Cup 2025.

#### **Key Points**

- About the Players:
  - Prince Goswami is a player associated with Madhya Pradesh State Kayaking-Canoeing Academy.
  - ★ He won first place in the 1000 metres men's event in the C-1 category.
  - ★ Medal Winners:
    - Silver Medal: Kotaro Sawata (Japan)
    - Bronze Medal: Fumiya Ando (Japan)

#### Venue of the Competition :

- ★ The competition was held from 9 to 11 May, 2025 at Lake Kiba in Komatsu , Ishikawa Prefecture, Japan .
- It is a prestigious international competition in the kayaking-canoeing category of water sports.

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# Jageshwarnath **Dham Corridor**

#### Why in News?

The Chief Minister of Madhya Pradesh laid the foundation stone of the corridor project of **Devshree** Jageshwarnath temple located in Damoh district.



#### **Key Points**

- About Corridor Construction:
  - ★ The planned corridor aims to elevate Devshree Jageshwarnath Temple into a national-level religious and tourist destination.
  - ★ The total proposed cost of construction of the corridor is Rs 100 crore.
    - In the first phase, construction work commenced at a cost of Rs 10 crore.
  - The proposed corridor will include a Sanskrit school and replicas of the 12 Jyotirlingas, turning the temple into a spiritual and cultural complex.
  - ★ This development will boost religious tourism, reinforcing the cultural identity of Damoh district and the Bundelkhand region.
  - ★ The corridor project is expected to generate local employment, especially in the commerce and service sectors.
- Jageshwarnath Temple:
  - ★ Jageshwarnath Dham is located in Bandakpur village of Damoh district (MP).

- ★ The temple was built by Diwan Balaji Rao Chandorkar in 1711.
- The **Shivalinga** situated in this temple is considered to be self-manifested and has been present here since time immemorial.
- This Shivalinga is miraculous and a centre of special faith for the devotees.

# India's First Beggar-Free City

#### Why in News?

Indore has become the country's first beggar-free city after authorities rehabilitated beggars by providing them with employment opportunities and enrolled children involved in begging into schools.

#### **Key Points**

- Multi-Phase Campaign Strategy:
  - ★ In February 2024, the city launched an antibegging campaign under the Women and Child Development Department.
    - At the time, officials identified around 5,000 beggars, including 500 children, living on the streets of Indore.
  - ★ The campaign was conducted in two major
    - Phase 1: Awareness drives to inform the public and engage stakeholders.
    - Phase 2: Rehabilitation of beggars through employment assistance and school enrolment for children.
  - Many beggars were found to have migrated Rajasthan, highlighting inter-state dimensions of urban begging.
- **National and International Recognition:** 
  - ★ The initiative has been recognised as a model project by the Union Ministry of Social Justice and Empowerment.
    - Indore is among 10 cities selected for a pilot project to eliminate begging in urban
  - ★ A World Bank team has also acknowledged the campaign's impact.









#### **Legal Framework Regarding Begging**

- Colonial Law: The <u>Criminal Tribes Act of 1871</u> criminalised **nomadic tribes**, associating them with vagrancy and begging.
- Current Legal Framework: The Constitution of India allows both the Union and state governments to enact laws on vagrancy (includes beggary), nomadic, and migratory tribes under the Concurrent List (List III, Entry 15).
  - There is no central Act on beggary. Instead, many states and Union Territories have based their laws on the **Bombay Prevention** of Begging Act, 1959.
  - The Act defines a beggar as anyone soliciting alms, performing or offering articles for sale, or appearing destitute without visible means of subsistence.
- Jurisprudence: The Delhi High Court, in 2018, ruled that the Bombay Act (criminalising begging) was arbitrary and violated the right to live with dignity, underscoring the importance of addressing poverty without criminalizing it.
  - ★ The Supreme Court of India in 2021 rejected a **Public Interest Litigation** seeking to remove beggars from public spaces, emphasizing that begging is a socioeconomic problem rather than a criminal issue.
- SMILE: Launched in 2022, Support for Marginalised Individuals for Livelihood and Enterprise (SMILE) by Ministry of Social Justice and Empowerment, aims to rehabilitate beggars by providing medical care, education, and skills training, working toward a "beggar-free" India by 2026.
  - ★ As of 2024, 970 individuals have rehabilitated under SMILE, including 352 children.

# **Irrigation Projects in MP**

#### Why in News?

The Deputy Chief Minister of Madhya Pradesh reviewed the Sitapur-Hanumana Lift Irrigation, Bansagar

**Project,** and other pending schemes in Rewa, urging timely completion of construction work.

#### **Key Points**

- About Sitapur-Hanumana Lift Irrigation Project:
  - ★ This project is helpful in strengthening the irrigation system of Mauganj, Sidhi and Singrauli districts.
  - ★ Through this project, 1 lakh 20 thousand hectares of agricultural land in a total of 653 villages will be connected with irrigation facilities.
  - ★ Administrative approval of Rs 4,167 crore has been given by the state government for this project.

#### ★ Challenges:

- The dam proposed in this project is to be built on the Son River in Amiliya area of Sidhi district.
- The area falls under the Son Gharial Sanctuary, making environmental and wildlife clearance mandatory.
- Emphasizing environmental protection, officials were instructed to ensure that no harm is caused to gharial conservation efforts.

#### **Bansagar Dam:**

- ★ Bansagar Dam is located on the Son River in Rewa district of Madhya Pradesh.
- ★ It is a multi-purpose project, aimed at ensuring irrigation, hydropower generation and water supply.
- ★ Authorities have been directed to accelerate the construction of the 18 km Bela Minor Canal, tunnel lining in Chuhiya Valley, aqueduct development, and canal lining.
  - Bela Minor Canal is a tributary canal of the Bansagar Project.
  - The total length of this canal is 51 km, out of which only 21 km of work has been completed so far.

#### **Benefits:**

On completion of the dam and canal project, irrigation facilities will be ensured in lakhs of hectares of area in Rewa, Mauganj, Sidhi and Singrauli districts.













This project will provide sustainable irrigation facilities to millions of farmers, leading to crop diversification, increased productivity, and improved income.

#### **Son Gharial Sanctuary**

- The san important sanctuary located in the Son River area of Madhya Pradesh, which was established in 1981 with the aim of conserving gharials and increasing their numbers.
- Under this sanctuary, a total area of 210 km has been protected including 161 km of Son River, 23 km of Banas River and 26 km of Gopad River.
- This sanctuary comes under Project Crocodile, the main attraction of the sanctuary is the sandy habitats, which mainly include gharial, **Indian** soft shell turtle (Chitra Indica) and Indian skimmer (Rynchops albicollis).
  - ★ These areas provide protection to various endangered species.

## 'AI Bharat @ MP' Workshop

#### Why in News?

A two-day workshop titled "Al Bharat @ MP" was organized in Bhopal, Madhya Pradesh.

#### **Key Points**

- About the Workshop:
  - It aimed to make governance more efficient, transparent and citizen-oriented through artificial intelligence, Aadhaar and digital innovations.
  - ★ The workshop was organised by Madhya Pradesh State Electronics Development Corporation (MPSEDC) and **National** e-Governance Division (NeGD) in collaboration with the Ministry of Electronics and **Information Technology (MeitY).**
  - ★ In the technical sessions of the workshop, topics like Data Protection, Cyber Security, Digital Health (<u>e-Sanjeevani</u>), **DIKSHA** <u>Platform</u> and **Digital Education** were discussed.
  - ★ This workshop presented Madhya Pradesh as a model state of digital governance.

- Achievements of MP in Digital Infrastructure:
  - Madhya Pradesh has become the first state in the country where SD-WAN enabled State Wide Area Network (SWAN) is operating at 2 Gbps speed.
  - ★ The state has its own data centre with 1 petabyte capacity, which ensures secure and quick operation of digital services.
  - ★ The State has become a leader in digital. governance through digital innovations like 'Sampada 2.0' and end-to-end service automation.

#### Policy and Innovation:

- ★ The state government has issued policies and guidelines for sectors like AVGC (Animation, Visual Effects, Gaming & Comics), Drone Technology, Global Captive Centre (GCC) and Semiconductor Manufacturing.
- ★ These efforts are likely to create new opportunities for industry, investment and employment in the state.

#### Artificial Intelligence (AI)

- Al is defined as the ability of machines and systems to acquire knowledge, apply it, and behave intelligently.
- The term "artificial intelligence" was first used by American computer scientist and cognitive scientist John McCarthy. He is considered the father of AI.
  - ★ It includes techniques like machine learning, deep learning, big data, neural networks, computer vision, large language models, etc.
- The ideal characteristic of artificial intelligence is the ability to perform and rationalize actions that have the best probability of achieving a specific goal.

#### e-Sanjeevani

e-Sanjeevani is a telemedicine service between doctors in the country, providing an alternative to traditional face-to-face consultation through a digital platform.













- e-Sanjeevani is an important part of <u>Ayushman</u> <u>Bharat Digital Health Mission</u> and more than <u>45,000 Aabha numbers have been issued</u> through e-Sanjeevani application.
- The ten leading states using it are: Andhra Pradesh, West Bengal, Karnataka, Tamil Nadu, Maharashtra, Uttar Pradesh, Madhya Pradesh, Bihar, Telangana and Gujarat.

#### Malwa Festival

#### Why in News?

The Chief Minister of Madhya Pradesh participated in the Malwa Utsav organized at Lalbagh Complex, Indore from 6 to 12 May 2025.

#### **Key Points**

- About Malwa Utsav:
  - ★ It is a five-day cultural festival organised by Lok Sanskriti Manch.
  - ★ This festival has been organised regularly for the last 25 years.
  - Objective:
    - Preservation and propagation of <u>folk</u> culture and traditions.
    - To provide a platform and market to local artists and craftsmen.
    - To promote national integration and cultural exchange.
  - **Exhibition of Folk Arts and Handicrafts:** 
    - In this festival, folk artists from different states of the country and different areas of Madhya Pradesh presented folk dance and music.
    - Weavers and handicraft artists displayed weaving, clay and metal artefacts.
    - Murals, Reza work, Batik prints, copper and brass statues, and <u>tribal paintings</u> were the main attractions of the festival.

#### **Folk Dances of Madhya Pradesh**

• Kathi: This is a dance performed by the Balai community, in which clothes decorated with peacock feathers and a bamboo 'kathi' are used. This dance is performed on the 'Dhak' instrument.

- Gangaur: In the month of Chaitra, women worship Goddess Parvati by dancing on clapping and thali. Its two forms – Thalaria and Thola are famous.
- Phaphriya: It is a group dance performed by men and women together to the sound of pungi.
- Madalya: In this, women dance at a fast pace with hand and foot movements to the beat of the drum.
- Ada-Khada: This dance is performed by women to the beat of drums on occasions like marriage, birth and death.
- Danda Dance: It is performed by men with a stick to the beats of drums and plates during the nights of Chaitra-Vaishakh.
- Matki: Women balance several matkis on their heads and dance in a circular motion to the beat of drums. Aada-Khada is one form of this.
- Rai: This dance performed by the Bedia tribe is in a conversational form based on makeup and social topics. Ram Sahay Pandey is its main artist.
- Saira: This dance is performed as a prayer to Lord Indra for rain by young men holding sticks accompanied by dholak and flute.
- Jawara: Women perform this dance while balancing a crop basket on their head, which shows the importance of crops.

# Custom Hiring Scheme of SMAM

#### Why in News?

The **Custom Hiring Scheme** under <u>Sub-Mission on</u> <u>Agricultural Mechanization (SMAM)</u> is supplying modern farm machinery to rural Madhya Pradesh farmers, boosting their productivity and income.

#### **Key Points**

- About Custom Hiring Scheme:
  - This scheme has been launched with the aim of economically empowering small and marginal farmers through modern agricultural equipment and providing them self-employment opportunities.

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- ★ This is an important initiative running under the Union Ministry of Agriculture and Farmers Welfare.
- ★ Under this, Custom Hiring Centers (CHCs) are established.
  - These are centres from where farmers can rent agricultural equipment like tractors, harrows, rotavators, seed drills, reapers, threshers, dryers, sprayers etc.
  - CHCs can be run by farmers, Farmer Producer Organisations (FPOs), cooperatives, gram panchayats or private entrepreneurs.
- ★ Under the scheme, the government provides a **subsidy of maximum 40%** and **interest** subsidy of up to 3%.

#### Beneficiary Eligibility:

- ★ Under the scheme, 12th pass unemployed farmers between the ages of 18 and 40 can
- ★ The selection is done through a lottery system, and the selected beneficiaries are given training and then allowed to purchase the device.

#### Importance:

- ★ This scheme decentralises the reach of mechanisation.
- ★ This ensures timely harvesting, solves the problem of labour shortage and improves the efficiency of agricultural operations.
- ★ Youth get an opportunity to participate in agricultural service business, which also increases employment opportunities in villages.

#### **Sub-Mission on Mechanisation (SMAM) Scheme**

#### • About:

- ★ It was launched by the Ministry of Agriculture and Farmers Welfare in 2014.
- Under this, subsidy is provided for purchase of various types of agricultural equipment and machinery to the extent of 40-50% for states other than NER (North Eastern Region) states and for NER states it is 100% limited up to Rs. 1.25 lakh per beneficiary.

★ The Ministry of Agriculture has also developed a multilingual mobile app, 'CHC (Custom Hiring Centre) - Farm Machinery' which connects farmers with the Custom Hiring Service Centres located in their area.

#### Goal:

Increasing access agricultural to mechanisation to small and marginal farmers and in remote areas where availability of electricity for agriculture is low.

#### **Farmer Producer Organisation**

#### Introduction:

- ★ FPO is a type of Producer Organization (PO) whose members are farmers and is promoted and supported by the Small Farmers Agri Business Consortium (SFAC).
- It came into existence in 2008, inspired by a recommendation (2002) of amendment to the Companies Act, 1956 by economist Y.K. Alagh.
- It can be registered as a public trust under the Companies Act, 2013, Societies Registration Act, 1860, or the Indian Trusts Act, 1882.
- ★ Producer organisation is a group formed by producers such as farmers, non-agricultural class or artisans, which may take legal forms such as producer companies or co-operative societies with profit sharing among the members.
- Objective and Need: India's agriculture sector is dominated by small and marginal farmers (87% have less than 2 hectares of land), who face seasonal and market risks, and struggle to get fair prices.
  - ★ FPOs help small farmers by facilitating bulk input procurement, better bargaining **power,** and ensuring better price realization at lower costs.
  - ★ These also improve market access of farmers, helping in achieving the goal of doubling income and entering global markets.











# Biofuel Implementation Committee

#### Why in News?

Recently, the Madhya Pradesh government has constituted a high-powered committee to ensure effective implementation of biofuel projects.

#### **Key Points**

- About the Committee:
  - ★ This committee will be headed by the Chief Secretary.
  - ★ Members will include secretaries of the departments of Forest, Farmer Welfare and Agricultural Development, Urban Development and Housing, Animal Husbandry and Dairy, Food, Civil Supplies and Consumer Protection, Technical Education, Skill Development and Employment.
  - ★ The Secretary of the Department of New and Renewable Energy has been appointed as Member Secretary.
- Scope of work of the Committee :
  - ★ To consider cases for relaxation in land standards.
  - ★ To arrange for collection of Municipal Solid Waste (MSW) and ensure its easy availability to biofuel producers.
  - ★ To ensure availability of agricultural produce market waste and cow dung to biofuel producers.
  - ★ To encourage city gas distribution companies to use bio-CNG.
  - ★ To promote the use of Fermented Organic Manure among farmers.
  - ★ To arrange skills training in the biofuel sector.

#### **Biofuels**

- Any hydrocarbon fuel that is produced from organic matter (living or once-living material) in a short period of time (days, weeks or months) is called a biofuel.
  - ★ They can be used to fuel vehicles, heat homes, and generate electricity.

- → Biofuels are considered renewable because they are made from plants that can be grown again and again.
- Piofuels can be solid, liquid or gaseous.
  - ★ Solid biofuels include wood, dry plant material, and manure.
  - ★ Liquid biofuels include bioethanol and biodiesel.
  - Gaseous biofuels include biogas.
- Biofuels can replace or be used with fossil fuels for a variety of applications, such as generating heat and electricity.
- The transition to biofuels is driven by factors such as rising oil prices, greenhouse gas emissions from fossil fuels, and farmers' interest in obtaining fuel from their agricultural crops for profit

# Fire at Ujjain Mahakaleshwar Temple

#### Why in News?

On 5 May 2025, a fire engulfed the Mahakal Lok Corridor in the Mahakaleshwar Temple campus in Ujjain, Madhya Pradesh.



#### **Key Points**

- Mahakaleshwar Temple:
  - ★ Religious Significance:
    - Mahakaleshwar Temple is dedicated to Lord Shiva and holds immense religious importance in Hinduism.
    - It is one of the twelve <u>Jyotirlingas</u>—the most sacred abodes of Shiva.

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The idol of Mahakaleshwar is unique as it is Dakshina Mukhi (facing south), unlike other Jyotirlingas.

#### Location:

- The temple is situated in Ujjain, an ancient city in Madhya Pradesh.
- It lies beside the Rudra Sagar lake, enhancing its spiritual ambience.
- The temple complex spans five levels and draws huge crowds, especially during Maha Shivaratri.

#### **Architectural Features:**

- The temple features a spacious courtyard adorned with intricate sculptures.
- Its design reflects Chalukya, Maratha, and Bhumija architectural styles.
- The foundation and platform are made of stone, while the upper structures rest on strong pillars and plasters.
- houses lingam of It sculptures Mahakaleshwar and images of Ganesh (west), Parvati (north), and Karttikeya (east) within the sanctum.
- A sarvatobhadra-style tank is also part of the temple complex.

#### **Shri Mahakal Lok Corridor**

- Mahakal Maharaj Mandir Parisar Vistar Yojna is a plan for the expansion, beautification, and decongestion of the Mahakaleshwar temple and its adjoining area in Ujjain district.
- Under the plan, the Mahakaleshwar temple premises of around 2.82 hectares is being increased to 47 hectares, which will be developed in two phases by the Ujjain district administration.
  - ★ This will include the 17 hectares of Rudrasagar lake.
- The project is expected to increase annual footfall in the city from the current 1.50 crore to nearly three crores.

# India's First Stratospheric Airship

#### Why in News?

The Defence Research and Development Organisation (DRDO) successfully conducted the maiden test flight of the Stratospheric Airship Platform from its testing facility in Sheopur, Madhya Pradesh.

#### **Key Points**

#### About Airship:

- ★ Developed by the Agra-based Aerial Delivery Research and Development Establishment (ADRDE), this airship platform can be deployed in the stratosphere at an altitude of about 17 km.
- It can remain stable at one place for a long time and has the ability to send real time data.
  - The stratosphere is a layer of the Earth's atmosphere that lies above troposphere and below the mesosphere, ranging in altitude from about 10 to 50
  - It provides a **stable atmosphere** different from weather changes on Earth, making the region a suitable for satellites and other high-altitude equipment.

#### Structure:

- This airship is equipped with lightweight and highly sensitive technologies, giving it the capability to operate at high-altitudes.
- It is equipped with state-of-the-art payloads and sensor systems for ISR (Intelligence, Surveillance and Recon) missions.
- The system can be safely recovered after the mission, allowing for longer periods of operation.

#### Strategic Use:

★ This airship strengthens the surveillance capability of the security forces by remaining beyond the range of radar.











- ★ This platform can prove to be extremely useful for military operations in inaccessible and sensitive areas such as Kashmir and Arunachal Pradesh.
- This technology is much more efficient and sustainable than traditional monitoring systems.
- ★ It can give accurate information about enemy activities covering a wide area.

# Defence Research and Development Organisation (DRDO)

#### About:

- → DRDO is the research and development arm of the Ministry of Defence aimed at empowering India in cutting-edge defence technologies.
- ★ Efforts towards self-reliance and successful indigenous development and production of strategic systems and platforms like Agni and Prithvi missile series, light combat aircraft Tejas, multi-barrel rocket launcher Pinaka, air defence system Akash, a wide range of radars and electronic warfare systems etc. have enhanced India's military capabilities.

#### Formation:

- ★ It was formed in 1958 by the integration of the Technical Development Establishments (TDEs) and Directorate of Technical Development & Production (DTDP) of the Indian Army and the Defence Science Organisation (DSO).
- → DRDO is a network of more than 50 laboratories intensively engaged in development of defence technologies covering various disciplines such as aeronautics, armament, electronics, combat vehicles, engineering systems etc.

# Birth Anniversary of Vishnu Shridhar Wakankar

#### Why in News?

On 4 May 2025, **Dr. Vishnu Shridhar Wakankar's birth anniversary** was celebrated by remembering his contributions in a **lecture series organised in Ujjain.** 

#### **Key Points**

- About Dr. Vishnu Shridhar Wakankar:
  - ★ He was a great archaeologist, painter, historian and cultural researcher of India.
  - ★ He was born on 4 May 1919 in Neemuch, Madhya Pradesh.

#### **★** Contribution:

- In 1957, Dr. Wakankar discovered the ancient rock paintings of <u>Bhimbetka</u> <u>caves</u> located near Bhopal, which are evidence of the ancient human civilization.
- By exploring the direction of flow of the extinct <u>Saraswati river</u> in Gujarat region, he proved that it flowed in India only, thus providing new evidence to the <u>Indus Saraswati civilization</u>.
- His research challenged the Aryan-Dravidian invasion theory and showed that the continuity of Indian civilization developed on Indian soil itself.
- He discovered thousands of rock shelters in different parts of India and photographed, analysed and exhibited them at home and abroad.
- He excavated in the areas of Maheshwar, Nawada Toli, Manoti, Awara, Indragarh, Kayitha, Mandsaur, Azadnagar, Dangwara etc.
- He proved the historicity of <u>Vikram</u> <u>Samvat</u> by obtaining the seal from the reign of Emperor Vikramaditya.
- He also founded the Wakankar Indological Cultural Research Trust in Ujjain.

#### **★** Honors:

- Recognizing his contribution, the Government of India honored him with Padma Shri in 1975.
- The Madhya Pradesh government has named its eighth tiger reserve (Ratapani Tiger Reserve) as Dr. Wakankar Tiger Reserve in his honour.
- Dr. Wakankar Research Institute located in Ujjain is active in the preservation and propagation of his work.

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#### Bhimbetka

- Location: It is situated south of Bhopal in the Vindhya mountain range of Madhya Pradesh, where there are rock shelters with more than 500 rock paintings.
  - ★ Bhimbetka caves were discovered by V.S. Wakankar in the year 1957-58.
  - ★ It was declared a <u>UNESCO World Heritage</u> Site in the year 2003.
- **Time period:** The oldest paintings are estimated to be 30,000 years old and are still preserved due to their location inside caves.
  - ★ The paintings of Bhimbetka date back to the Upper Paleolithic, Mesolithic, Chalcolithic, Early Historic and Medieval periods.
  - ★ However most of the paintings are from the Mesolithic era.
- Painting Technique: It uses various colours obtained from natural resources like red ochre, purple, brown, white, yellow and green etc.
- **Themes of the paintings:** Everyday life of prehistoric men often depicted in stick-like human figures.
  - ★ Various animals such as elephants, bison, deer, peacocks and snakes are depicted.
  - ★ Hunting scenes and battle scenes with men at arms.
  - Simple geometric designs and symbols.

# **Merger of Banks** in Madhya Pradesh

#### Why in News?

The Central Government will implement the **One** State-One RRB policy from 1 May 2025, to improve the quality of rural banking services.

#### **Key Points**

- About One State-One RRB Policy :
  - ★ Under this policy, the number of Regional Rural Banks (RRBs) will be reduced from 43 to 28, with one RRB serving all rural areas in each state.

★ Each new RRB will have an authorised capital of Rs 2,000 crore and operate with improved efficiency. management, and customer service.

#### Objective:

- ★ To improve the effectiveness and organization of rural banking services.
- ★ Providing integrated services and improved access to customers.
- ★ Reduce operating costs and grow business.
- ★ Accelerating financial inclusion .
- Historical background of Unification:
  - ★ In the first phase (2006-2010), the number of RRBs was reduced from 196 to 82.
  - ★ In the second phase (2013-2015), it was reduced from 82 to 56 and in the third phase, it was reduced from 56 to 43.
  - Now there will be a total of 28 RRBs left in the fourth phase.
- Merger of banks in Madhya Pradesh:
  - From 1 May 2025, Madhya Pradesh Gramin Bank and Madhyanchal Gramin Bank have merged into a single rural bank, sponsored by Bank of India with its headquarters in Indore.
  - ★ The move aims to strengthen rural banking and streamline operations.

#### Regional Rural Banks (RRBs)

- Regional Rural Banks (RRBs) were established in the year 1975 under the provisions of the Ordinance promulgated on September 26, 1975 and the Regional Rural Banks Act, 1976.
- RRBs are **financial institutions** which ensure adequate credit for agriculture and other rural sectors.
- RRBs enhance the co-operative features and the capacity of a commercial bank to mobilise business and financial resources while being familiar with rural problems.
- Regional Rural Banks are operated in collaboration with the Government of India, State Governments and sponsor banks.











- The shareholding of the Government of India, sponsor banks and the respective states in these banks is 50%, 35% and 15% respectively.
- Regional Rural Banks are regulated by the 'National Bank for Agriculture and Rural Development' (NABARD).

## Forest Alert System

#### Why in News?

Madhya Pradesh has become the first state to implement an <u>Artificial Intelligence (AI)</u> based real-time forest alert system as a pilot project.

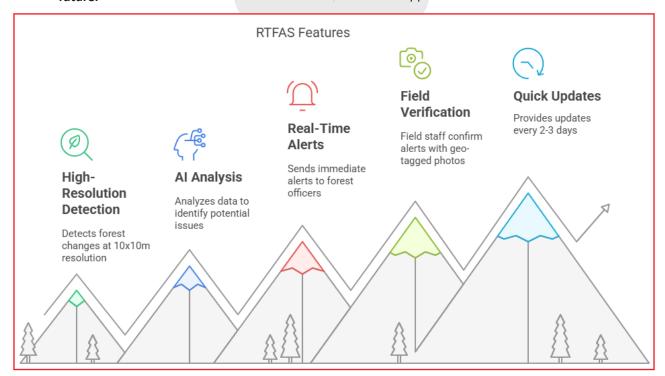
#### **Key Points**

- About Forest Alert System:
  - It is a system based on Google Earth Engine, AI models and multi-temporal satellite data.
  - ★ Madhya Pradesh has implemented this technology on a pilot basis in sensitive forest divisions such as Shivpuri, Guna, Vidisha, Burhanpur and Khandwa districts. There are plans to expand it at the state level in the future.

★ This system will enable proactive forest management by timely detection of forest encroachment, land use change and forest degradation.

#### Features:

- Satellite images from three different dates obtained from Google Earth Engine will be analyzed.
- ★ Indexes like Normalized Difference Vegetation Index ( NDVI), Soil Adjusted Vegetation Index (SAVI), Enhanced Vegetation Index (EVI), Synthetic Aperture Radar (SAR) will be used to identify the changes.
- Significant changes to the land (e.g., cropping, construction, harvesting) will be flagged by the AI model and recorded as polygon alerts.
- ★ The app will have features like GPS tagged photos, voice notes, comments, geofencing, distance measurement.
- ★ Filters such as date, density and area will also be available on the dashboard, making it possible to get specific information.
- Field workers can upload photos, GPS locations, and voice recordings through the app.



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#### Initiatives Taken by India for **Sustainable Forest Management**

- Government-Led Programs:
  - ★ Green India Mission (GIM): Increased forest cover by **0.56%** between **2017** and **2021**.
  - ★ National **Agroforestry Policy** (2014): Encourages tree planting on private farmland to reduce pressure on natural forests.
  - ★ Trees Outside Forests in India Program: Encourages tree planting on non-forest lands by involving private stakeholders to boost green cover.
  - ★ Compensatory Afforestation Fund (CAMPA): Funds reforestation where forests are diverted for industrial use.
- **Corporate & Community Efforts:** 
  - CSR-Driven Plantations: Companies automobile, cement, and energy sectors undertake afforestation to offset emissions.
  - ★ Agroforestry for Livelihoods: integrate timber, fruit, and medicinal plants with crops for additional income.
- **Carbon Credit Strategies:** Industries invest in afforestation to earn carbon credits.

# 28th National Federation Senior **Athletics Championship**

#### Why in News?

Madhya Pradesh won three gold medals in the 28th National Federation Senior Athletics Championship.

#### **Key Points**

- Federation **Athletics** National Senior **Championships:** 
  - ★ It is one of the major domestic athletics competitions in India, organised annually by the Athletics Federation of India (AFI).

- ★ The competition provides a common platform for the country's top athletes in track and field events and also forms the basis for selection for international competitions.
- ★ Its 28<sup>th</sup> edition was held from 21 to 24 April 2025 in Kochi, Kerala.
- ★ 38 medal events were held in this event .

#### • Importance:

- ★ This will prove helpful in establishing Madhya Pradesh on the national athletics map.
- ★ This achievement of the players will become an inspiration for the younger generation.

Event	Athlete	Achievement
Shot Put	Samarjit Singh	Gold Medal
Pole Vault	Dev Meena	Gold Medal
3000m Steeplechase (Women)	Manju Yadav	Gold Medal

#### Athletics Federation of India (AFI)

- About: AFI was established in 1946 as a nongovernmental, non-profit, autonomous apex body for athletics in India.
  - ★ It is affiliated with World Athletics, the Asian Athletics Association (AAA), and the Indian Olympic Association.
- Objective: To popularize athletics, improve athlete performance, and make the sport commercially viable.
- Structure: AFI consists of 32 affiliated state and institutional units.
- Functions: It organizes National Championships, selects teams for international events, and promotes athletics through competitions. It also focuses on grassroots development, coaching programs, and special camps to nurture talent.

















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