

e-Sanchar



MONTHLY NEWSLETTER
AUGUST, 2025

WAPCOS PARTICIPATION IN GOVERNMENT OF INDIA SCHEMES

MISSION

Use of State-of-the-art Technical Expertise,
Innovativeness and Capacity Building



Swachh Bharat Mission

- Goa
- Assam
- Gujarat



Revamped Reforms Distribution Sector Scheme

- Kerala
- Haryana
- Chhattisgarh
- Uttar Pradesh
- Ladakh
- Arunachal Pradesh
- Nagaland



Smart City

- Punjab
- Assam
- Himachal Pradesh

- Mizoram
- Nagaland
- Rajasthan
- Tamil Nadu
- Maharashtra
- Uttar Pradesh



Atal Mission for Rejuvenation and Urban Transformation

- Goa
- Assam
- Haryana
- Karnataka
- Uttar Pradesh

- Bihar
- Odisha
- Kerala
- Gujarat
- Rajasthan
- Telangana
- Meghalaya
- Maharashtra
- Andhra Pradesh
- Madhya Pradesh



Pradhan Mantri Awas Yojana

- Tripura
- Andhra Pradesh

- Gujarat
- Rajasthan
- Jharkhand
- Uttarakhand
- Chhattisgarh
- Uttar Pradesh



Deen Dayal Upadhyaya Gram Jyoti Yojana

- Bihar
- Kerala
- Manipur
- Haryana
- Andaman & Nicobar
- Meghalaya
- Puducherry
- Chhattisgarh
- Maharashtra

- Assam
- Sikkim
- Tripura
- Mizoram
- New Delhi
- Karnataka
- Jharkhand
- Nagaland
- Tamil Nadu
- West Bengal
- Uttar Pradesh
- Himachal Pradesh
- Jammu & Kashmir
- Arunachal Pradesh



Pradhan Mantri Matsya Sampada Yojana (PMMSY)

- Gujarat



Integrated Power Development Scheme

- Goa
- Odisha
- Rajasthan
- Uttar Pradesh
- Jammu & Kashmir

- Sikkim
- Nagaland
- New Delhi
- Telangana
- Tamil Nadu
- Maharashtra
- Chhattisgarh
- Andhra Pradesh
- Himachal Pradesh



Pradhan Mantri Gram Sadak Yojana

- Bihar
- Uttarakhand

- Goa
- Assam
- Gujarat
- Rajasthan
- Jharkhand
- Madhya Pradesh



Pradhan Mantri Krishi Sinchayee Yojana

- Gujarat
- Setting up of PMU at Ministry of Jal Shakti, DoWR, RD & GR



Namami Gange, Integrated Ganga Conservation Mission

- Bihar
- West Bengal
- Uttarakhand
- Uttar Pradesh
- Madhya Pradesh



Jal Jeevan Mission

- Gujarat
- Haryana
- Jharkhand
- West Bengal
- Chhattisgarh
- Andhra Pradesh
- Arunachal Pradesh

- Assam
- Punjab
- Rajasthan
- Maharashtra
- Madhya Pradesh
- Himachal Pradesh
- Jammu & Kashmir
- National PMU at Ministry of Jal Shakti



Fisheries & Aquaculture Infrastructure Development Fund (FIDF)

- Gujarat



SAGARMALA Programme

- Gujarat
- Maharashtra



Pradhan Mantri Kisan Khetra Kalyan Yojana (PMKKKY)

- Gujarat

MESSAGE



Mr. R.K. Agrawal,
CMD, WAPCOS & NPCC

Dear Readers,

It is with great pride that I share the highlights of a transformative month in WAPCOS' journey, guided by the vision of Hon'ble Prime Minister Shri Narendra Modi. From advancing national water priorities to deepening international partnerships, WAPCOS continues to champion engineering excellence and sustainable development.

This month, WAPCOS leadership engaged in key discussions with senior state officials to strengthen collaboration in integrated water resource management and infrastructure development. This month saw a meeting with Mr. Pankaj Joshi, Chief Secretary of Gujarat, and another meeting with Ms. Anu Garg, Development Commissioner of Odisha to explore expanded partnerships.

WAPCOS is currently implementing major assignments across India. In Haryana, under the Revamped Distribution Sector Scheme, we are serving as Project Management Agency (PMA) for DHBVNL across 12 districts. Additionally, we are providing quality assurance and inspection services for DHBVNL's "Mhara Gaon Jagmag Gaon" and urban feeder programmes in Hisar zone. Despite local challenges in Right of Way and meter shifting, steady progress is being made.

In Madhya Pradesh, WAPCOS is executing rejuvenation and development works under the Namami Gange Programme for the Murar river in Gwalior. Stretch-1 (750 m) is underway with key elements like gazebos, fencing, and RCC walls progressing, despite hurdles such as encroachment and sewage intrusion.

In Karnataka, we are providing third-party quality assurance for the HAL Smart Township at Tumkuru, Karnataka. The project, led by CPWD, covers residential towers, bulk services, and E&M works. Foundation works are underway. WAPCOS also submitted the DPR for a 2000 MW solar park to RSDCL in Rajasthan and celebrated a milestone in Bhutan with the grid synchronization of the Fifth Unit of the 1020 MW Punatsangchhu-II HEP.

Internationally, we welcomed a delegation from Uzbekistan to review AIIB-funded sewerage works in Bukhara.

As we reflect on these achievements, we reaffirm our commitment to delivering projects that create lasting socio-economic and environmental impact. Every milestone is a testament to the dedication of our teams, the trust of our partners, and the vision that guides us. With steadfast resolve, WAPCOS will continue to drive innovation, foster collaborations, and contribute to a sustainable future for all.

Warm regards,

R. K. Agrawal

Chairman-cum-Managing Director
WAPCOS & NPCC

MINISTRY UPDATE

Hon'ble Union Minister Shri C. R. Paatil Inaugurates C-FLOOD, India's Unified Inundation Forecasting System – July 2, 2025

Hon'ble Union Minister of Jal Shakti, Shri C. R. Paatil inaugurated C-FLOOD, a state-of-the-art Unified Inundation Forecasting System, at Shram Shakti Bhawan, New Delhi. Developed collaboratively by the Central Water Commission (CWC) and the Centre for Development of Advanced Computing (C-DAC), the platform marks a significant advancement in India's flood management and disaster response capabilities. C-FLOOD is a web-based portal that provides two-day advance flood forecasts up to village level in the form of inundation maps and water level predictions. Covering the Mahanadi, Godavari, and Tapi river basins, the system integrates outputs from national and regional agencies, using advanced 2-D hydrodynamic modelling and High Performance Computing (HPC)

infrastructure under the National Supercomputing Mission (NSM). The Godavari and Tapi simulations have been developed by the National Remote Sensing Centre (NRSC) under the National Hydrology Project (NHP).

Shri Paatil directed CWC and stakeholders to popularize the portal, expand its basin coverage, and integrate forecasts into the National Disaster Management Emergency Response Portal (NDEM). He also emphasized improving accuracy through satellite validation and ground-truthing. Applauding the efforts of CWC, C-DAC, and NRSC, the Minister reaffirmed the government's commitment to proactive, technology-driven disaster preparedness and resilient water governance.



MINISTRY UPDATE

Hon'ble Union Minister Shri C.R. Paatil Inaugurates National Workshop on Policy Framework for Operation & Maintenance of Rural Water Supply July 11, 2025

Hon'ble Union Minister of Jal Shakti, Shri C.R. Paatil, inaugurated the two-day National Stakeholder Consultation Workshop on "Policy Framework for Operation & Maintenance (O&M) of Rural Piped Water Supply Schemes" in New Delhi. Organized by the Department of Drinking Water and Sanitation (DDWS) under the Jal Jeevan Mission (JJM), the workshop marked a critical transition from infrastructure creation to sustained service delivery. In his address, Shri Paatil underscored the need for sustainable, accountable, and community-driven O&M systems to ensure that every rural household receives clean water daily. He emphasized that the true success of JJM lies in reliable long-term functionality and urged all stakeholders to work collaboratively toward the goal of Har Ghar Jal.

The first day of the workshop focused on institutional frameworks, financing models, capacity building, and community participation. Seven thematic groups addressed service delivery, water quality, skilling, and regulation. The workshop also saw the release of the first edition of Niwas Vartika. On Day 2, the workshop spotlighted digital innovations—AI, GIS, IoT, SCADA, and space technology—for predictive maintenance, equitable supply, and real-time monitoring. Case studies from States and partners illustrated scalable, tech-enabled solutions. The importance of source sustainability and integrated planning was also highlighted. In closing, Shri Kamal Kishore Soan, AS&MD-DDWS, commended the workshop's collaborative spirit and reaffirmed the Mission's commitment to tech-driven, people-centric water governance. The event concluded with a unified call to make transparency and innovation the backbone of rural water service delivery.



MINISTRY UPDATE

Hon'ble Union Minister C.R. Paatil inaugurates water conservation campaign in Rajkot: Girganga Parivar Trust launches plan for 1.11 lakh check dams and recharge bores – July 12, 2025

In a powerful response to the Hon'ble Prime Minister Shri Narendra Modi's call for water conservation, the Girganga Parivar Trust has taken a historic step forward in Rajkot. Hon'ble Union Minister of Jal Shakti, Shri C.R. Paatil, inaugurated the trust's ambitious water augmentation campaign, which envisions the construction of 1,11,111 check dams and 1,11,111 bore recharge structures across the region. Marking the beginning of this monumental initiative, Shri Paatil flagged off 12 Hitachi machines dedicated to the mission, aimed at boosting groundwater recharge and building climate resilience in rural Gujarat.

Shri Paatil praised the Girganga Parivar Trust for its grassroots leadership in promoting the message of "Water is Life." He noted that the Trust's emphasis on public participation, environmental stewardship, and scientific water resource management sets a commendable example for the nation. The event witnessed enthusiastic participation from local citizens and volunteers, underscoring the deep social commitment towards ensuring long-term water security and sustainability.



MINISTRY UPDATE

Hon'ble Union Minister C.R. Paatil inaugurates Simlagam Forest Cover and rainwater harvesting project in Navsari – July 13, 2025

Hon'ble Union Minister of Jal Shakti Shri C.R. Paatil inaugurated the Simlagam Forest Cover (Hectare-4) developed by the Social Forestry Department in the Supa Range of Navsari, Gujarat. The Minister expressed great joy at the initiative, describing it as a significant step toward ecological restoration and local water security. The forest cover also features effective rainwater harvesting structures, a commendable integration of afforestation and water conservation. Notably, the Simlagam rainwater recharge point has already facilitated the percolation of over one crore litres of rainwater into the ground — a powerful example of community-based water sustainability.

Speaking on the occasion, Shri Paatil emphasised the need to replicate such initiatives across India, going on to appeal that similar forest cover and rainwater harvesting systems should be adopted in every Gram Panchayat to ensure that nature and the future can both be safeguarded together. The event showcased how integrated green infrastructure and water resource management can play a pivotal role in enhancing groundwater recharge, biodiversity, and climate resilience at the grassroots level.



MINISTRY UPDATE

Hon'ble Union Minister C.R. Paatil celebrated historic achievement with cleanliness ambassadors as Surat tops Swachh Survekshan 2024 rankings – July 17, 2025

In a moment of immense pride for Gujarat, Surat city was honoured as the best-performing city in India under the "Super Swachh League" of Swachh Survekshan 2024. The award was presented by Hon'ble President of India, Smt. Droupadi Murmu. Hon'ble Union Minister of Jal Shakti, Shri C.R. Paatil, joined the cleanliness ambassadors and citizens of Surat in celebrating this remarkable national achievement. He extended heartfelt congratulations to the Surat Municipal Corporation, its leadership, dedicated officials, and all residents of the city.

The Minister lauded the tireless efforts of cleanliness workers and ambassadors, whose unwavering dedication made this historic recognition possible. Shri Paatil expressed gratitude to all stakeholders and reiterated his belief that Surat's model of inclusive and community-driven sanitation will continue to inspire cities across India in building a cleaner, healthier, and more sustainable future.



PROJECT UPDATE

Rejuvenation and Development of Murar River under Namami Gange Programme, Gwalior (M.P.)

Client: National Mission for Clean Ganga (NMCG)

Location: Gwalior

Scope of Work:

Rejuvenation & Development

Main Component:

- Beautification & Protection of River
- Toilet Block
- Gazebo
- Segmental RCC Wall
- Stepped Gabion Wall & Gabion Edge
- Fencing
- Stamped Concrete Pathway
- Kerb Stone
- Gate
- Trashbins
- Signages
- Solar Light Poles
- Seating Benches
- Stone Boulder Pitching in River Bed
- Horticulture Work

Challenges Faced:

Encroachment, Sewerages & Electric Light Poles



Present Status:

Work is Under Progress at Stretch -1(750 m)

PROJECT UPDATE

Providing Third Party Quality Assurance Services for Infrastructure Development for Smart Township of HAL Helicopter Factory at Biderahalla Kaval, Gubbi (Taluk), Tumkuru (Dist.) Phase 1, Karnataka

Client: Central Public Works Department, Office of The EE & SM, Halpd-II, Gubbi, Tumkuru, Karnataka.
Location: Tumkuru, Karnataka

Scope of Work:

- Regular supervision of works as per specifications
- Follow up of Compliance
- Witnessing of QC tests carried out by the Contractor.
- Factory inspections & QC tests
- Bi-monthly inspection by Senior QA/QC Engineers.
- Submission of reports

Main Components:

The main construction work includes execution of following works for HAL Township at Biderahallakaval, Gubbi, Tumkur: -

- Buildings (Residential Towers and Ancillary Buildings)
- Bulk Services & Development works (Civil)
- Bulk services & Development works (E&M)

Challenges Faced:

- Regular follow up with contractor for the Quality related issues.
- Delay due to rain.



Present Status:

Work progress is 10 %. The foundation of all the structures are under construction.

PROJECT UPDATE

Project Management Services to DHBVNL, Haryana under Revamped Distribution Sector Scheme, Haryana

Client: DHBVNL

Location: 12 Nos. Districts under the jurisdiction of DHBVNL in Haryana State

Scope of Work:

DHBVNL has engaged WAPCOS as Project Management Agency (PMA) to provide services for implementation of works under Revamped Distribution Sector Scheme in DHBVNL. PMA has to provide complete project Management services by hand holding the project from the concept to commissioning in the state of Haryana.

The functions of the PMA include the following:

Preparation of Action Plan and DPR as per the scheme Guidelines and instructions that may be issued by the Ministry of Power/Nodal Agency from time to time and based on the data/inputs to be provided by the DISCOM.

Provide assistance and support for:

- Bid(s) Process Management
- Project Management
- Works mentioned in the Guidelines of the scheme
- Any other works related to the project as assigned from time to time.

Main Components:

Part A – Up-gradation of the Distribution Infrastructure. Part B – Training & Capacity Building and other Enabling & Supporting Activities.

Challenges Faced:

Lack of participation of prospective bidders in the floated NITs has deterred the completion timelines of the Scheme.

Present Status:

55% (approx.) of the sanctioned works stands awarded Physical progress of 35% and Financial Progress of 22% has been achieved till date



PROJECT UPDATE

Third Party Inspecting Agency (TPIA) & Project Management Agency (PMA) for Quality Assurance, Inspection and Monitoring of Projects in DHBVNL, Haryana

Client: DHBVNL

Location: 12 Nos. Districts under Hisar Zone of DHBVNL in Haryana State

Scope of Work:

DHBVNL has engaged WAPCOS as Project Management Agency (PMA) to provide services for implementation of works under "Mhara Gaon Jagmag Gaon", "Feeder Sanitization Programme for Urban Feeders" and Release of Tube-well Connections etc. schemes in Hisar Zone. PMA has to provide complete Quality Management services by hand holding the project during its execution

The functions of the PMA include the following:

Provide assistance and support for:

- Project Management
- Quality Monitoring
- Third Party inspection of executed works.
- Tracking of material movement in the projects.
- Carrying out joint foot survey
- Joint measurement of executed works
- Any other works related to the project as assigned from time to time.

Main Components:

- Improvement of Sub-transmission and distribution network to improve the quality and reliability of the supply
- 24x7 Power Supply to all Villages.
- Reduction of theft thereby reduction in line losses
- Increase in collection efficiency.
- Quality monitoring of State Govt. sponsored Schemes

Challenges Faced:

Hindrance/RoW caused due to locals during meter shifting and LT Cabling Work in Villages.

Present Status:

The project is started in February 2025 and 5 % works stands completed.



TECHNOLOGY & INNOVATIONS

Concrete and Hybrid Polythene Floating Jetty

Floating jetties have become essential infrastructure components in modern maritime and inland waterway transport systems, especially in regions with significant tidal variations, seasonal water level fluctuations, or where quick-deploy infrastructure is required. Two prominent types of **Floating Jetties** are **Concrete Floating Jetties** and **Hybrid Polyethylene (HDPE) Floating Jetties**.

Concrete Floating Jetty:

The structure typically consists of a robust concrete outer shell enclosing a lightweight expanded polystyrene (EPS) core, which provides the necessary buoyancy. These jetties are modular in nature, allowing for quick assembly, expansion or relocation as needed. With high load-bearing capacity, they are ideal for ferry terminals, naval applications, inland waterway ports and passenger jetties.

HDPE Floating Jetty:

A **High-Density Polyethylene (HDPE) Floating Jetty** is a modular and lightweight marine platform constructed primarily using UV-stabilized HDPE materials, often combined with concrete or foam cores for added strength and buoyancy. These jetties are engineered to provide a flexible, corrosion-resistant and low maintenance alternative to traditional fixed or heavy concrete jetties. The HDPE structure offers excellent resistance to saltwater, chemicals and marine growth, making it particularly suitable for harsh coastal and inland waterway environments. The modular units are easily transportable and can be quickly assembled on-site, allowing for rapid deployment. HDPE jetties are ideal for light to medium-duty applications such as ferry terminals, fish landing centers, eco-tourism docks and recreational marinas. Their ability to adapt to fluctuating water levels and their eco-friendly, non-invasive installation methods make them a preferred choice in sensitive ecosystems or remote locations. Furthermore, their durability, coupled with reduced lifecycle costs, aligns with modern sustainable infrastructure goals, making HDPE floating jetties an innovative solution in the maritime sector.

Comparison: Conventional vs Floating Jetties

| Parameter | Conventional Jetties | Floating Jetties |
|----------------------|-------------------------|--------------------------------|
| Construction Time | 12–24 months | 2–4 months |
| Environmental Impact | High (piling, dredging) | Low (modular, less dredging) |
| Adaptability | Fixed level | Self-adjusting to water level |
| Scalability | Limited | Modular, easily expandable |
| Innovative Materials | RCC, steel | HDPE, EPS-concrete, composites |
| Maintenance Need | Medium to high | Low |

Transformation from Conventional Jetties to Floating Jetties

The maritime industry has gradually transitioned from conventional fixed jetties to floating jetties in response to evolving operational, environmental and economic demands. Traditional jetties, typically constructed with piles and concrete decks, offer stability but are often rigid, cost-intensive and unsuitable for locations with significant tidal variations or seasonal water level fluctuations. As inland waterways and coastal tourism gained prominence, there was a growing need for more adaptable, rapidly deployable and low-impact infrastructure. Floating jetties emerged as a viable alternative, offering modularity, cost-effectiveness and the ability to maintain a constant freeboard irrespective of water level changes. They are especially advantageous in shallow or environmentally sensitive

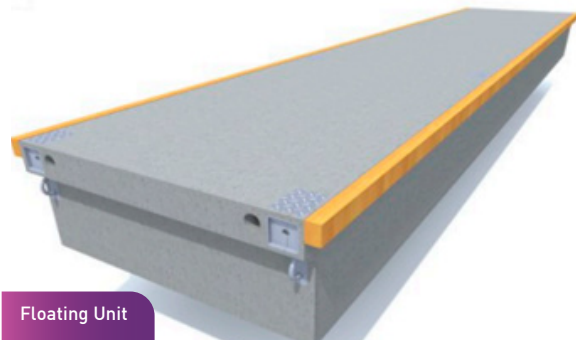
zones where conventional piling may not be feasible. With advancements in material science such as high-density polyethylene (HDPE), EPS-filled concrete pontoons and hybrid designs the industry has embraced floating jetties for diverse applications, including ferry terminals, river cruise stations, fishing harbours and leisure marinas. This shift represents a strategic alignment with sustainable development goals, faster project implementation and enhanced user accessibility.



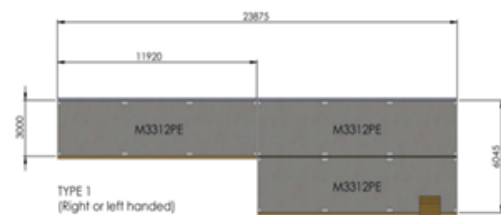
River Jhelum Site



Concrete Jetty-Sea



Floating Unit



Assembled Floating Concrete Unit

Gangway length & width varies

Cost Comparison: Floating Concrete vs Conventional Jetties

Floating concrete jetties typically cost **30–50% less** than conventional fixed jetties in both capital and lifecycle terms. While conventional jetties require extensive piling, dredging and long construction periods (12–24 months), floating concrete jetties are prefabricated off-site and deployed in **2–4 months**, reducing both material and labour costs.

Lifecycle cost advantages are also notable. Floating jetties require minimal maintenance (no corrosion treatment, repainting or timber replacement) and have a design life of 20–30 years, compared to frequent maintenance cycles for RCC or steel pile-based structures.

HDPE Jetties:



HDPE Unit Inspection



Future Outlook

The future of floating jetties is poised to benefit significantly from emerging technologies and evolving global needs. One promising direction is the development of AI-enabled jetty management systems, which can optimize berthing schedules, monitor structural health in real time and enhance safety through predictive maintenance and automated alerts. Another innovation lies in the integration of floating renewable energy systems, such as solar panels mounted on pontoons, which can power jetty operations independently and sustainably especially in remote or off-grid locations. Additionally, the modularity of floating jetties opens the door to customizable floating port modules that can be rapidly deployed in disaster recovery zones, offering immediate logistic support and connectivity when conventional infrastructure is compromised.

Projects Under Execution Involving HDPE and Concrete Jetties – WAPCOS Footprints

Project 1: River Cruise/Ferry Services between Gokul Barrage and Vrindavan on River Yamuna (NW110) in Mathura district

Background: WAPCOS has prepared Project report for this project currently Inland Waterways Authority of India (IWAI) is developing river cruise tourism and ferry services on river Yamuna (NW-110) along a 22 km stretch from Gokul Barrage to Vrindavan in Mathura district. This initiative aims to enhance religious tourism by providing sustainable water-based connectivity between key spiritual hubs—Gokul, Mathura and Vrindavan. The project aligns with the **Maritime India Vision (MIV) 2030** and the goals of Amrit Kaal, promoting eco-friendly, inclusive and accessible transport infrastructure through inland waterways.

Salient Feature of the Project:

A total of 11 terminals/jetties are proposed for development along the Yamuna river

The project is planned to be executed in **two phases**:

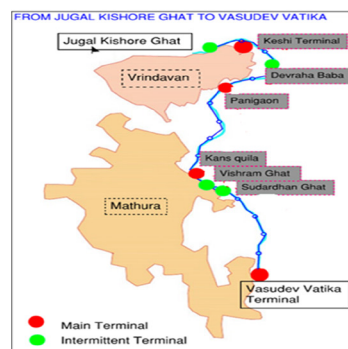
Phase I: Vishram Ghat to Jugal Kishore Ghat – approximately 14 km

Phase II: Vishram Ghat to Gokul Barrage – approximately 8 km

8 terminals are covered under Phase I, while **3 terminals** fall under Phase II



Ferry Vessel



Start Point/End Point:
Jugal Kishore Ghat (Ch. 22.8 Km)

Intermittent stops:

1. Keshi Terminal (Ch. 22.1 Km)
2. Devraha Baba Ghat (Ch. 21.5 Km)
3. Paanigaon Terminal (Ch. 16.1 km)
4. Kans Quila Ghat Terminal (Ch. 8.7Km)
5. Vishram Ghat Terminal (Ch. 8.2 km)
6. Sudarshan Ghat Terminal (Ch. 6.9 Km)

Start Point/End Point:
Vasudev Vatika Terminal (Ch. 1.5 Km)

Mathura-Vrindavan Ferry Routes

Project 2: Cargo Movement/River Cruise/Ferry Services in River Jhelum (NW-49)

Background: WAPCOS has prepared the Detailed Project Report (DPR) for the development of river cruise tourism and ferry services on National Waterway-49 (river Jhelum). Currently, the Inland Waterways Authority of India (IWAI) is undertaking the implementation of this project to rejuvenate water-based transport and tourism in the Kashmir Valley. The proposed stretch covers approximately 181 km, starting downstream of Lower Jhelum Hydropower Station and terminating at Sangam Bridge, traversing key districts such as Baramulla, Srinagar, Ganderbal and Budgam.

This initiative aligns with the objectives of the Maritime India Vision (MIV) 2030 and the national agenda under Amrit Kaal, promoting eco-friendly and inclusive infrastructure for enhancing regional connectivity, tourism and sustainable transport through inland waterways.

Historically, the river Jhelum served as a vital navigation route for the transportation of goods and people across the Kashmir Valley. Traditional wooden boats and cargo vessels were used extensively before the advent of road transport. Reviving this historic waterway not only preserves cultural heritage but also fosters green mobility and regional development.

Salient Feature of the Project:

- Total 9 terminal/Jetty have been proposed for development.
- Development of terminals have been proposed in three phases
 - ◇ **Phase 1** - Chhatabal to Pantha Chowk
 - ◇ **Phase-2** - Gund Parang to Sumbal, Sumbal to Chhatabal & Shah-E-Hambam to Sangam Bridge
 - ◇ **Phase-3** - Sopore to Chhatabal.

River Jhelum Site:



Reshu Verma

Deputy Chief Engineer
Ports, Harbour & Inland Waterways Division,
Gurugram

THE MONTH AT A GLANCE

CMD, WAPCOS Meets Development Commissioner, Government of Odisha July 4, 2025

Mr. R. K. Agrawal, Chairman-cum-Managing Director, WAPCOS, paid a courtesy visit to Ms. Anu Garg, IAS, Development Commissioner-cum-Additional Chief Secretary, Department of Water Resources, Government of Odisha. The meeting served as a platform to discuss potential avenues for deeper collaboration between WAPCOS and the Government of Odisha, particularly in the domain of integrated water resources development and management.

During the interaction, CMD, WAPCOS highlighted the Company's ongoing contributions in the sector and reaffirmed WAPCOS's commitment to supporting the Government of Odisha in achieving its strategic water sector objectives. WAPCOS remains dedicated to working in close partnership with state governments and stakeholders to deliver impactful, high-quality solutions that address emerging challenges in the water sector and contribute to inclusive and sustainable development.



THE MONTH AT A GLANCE

WAPCOS Participates in 'Sundays on Cycle' Event at Gandhinagar July 13, 2025

As part of its continued commitment to the FIT India Movement, WAPCOS proudly participated in the 'Sundays on Cycle' initiative organized by the Sports Authority of India (SAI), Gandhinagar, on July 13, 2025. The event, held under the inspiring leadership of Hon'ble Union Minister Shri Mansukh Mandaviya, witnessed enthusiastic participation from various Public Sector Undertakings (PSUs), united in their shared mission to promote health, sustainability, and a sense of collective well-being.

Team WAPCOS joined the cycling rally with great energy and spirit, demonstrating its dedication to promoting

active lifestyles and environmental consciousness. The event not only fostered camaraderie among participating organizations but also underscored the growing importance of integrating fitness and sustainability into everyday life.

WAPCOS was lauded for its spirited participation and continues to support national initiatives that align with holistic development, wellness, and community engagement. Events like these reaffirm the company's role as a socially responsible and health-conscious organization.



THE MONTH AT A GLANCE

WAPCOS at the Forefront of Renewable Energy Planning in Rajasthan July 15, 2025

WAPCOS is proud to partner with Rajasthan Solar Park Development Company Ltd. (RSDCL) in advancing India's renewable energy goals through the preparation of a Detailed Project Report (DPR) for a 2000 MW solar park in the state. As part of this engagement, WAPCOS provided comprehensive consultancy services. The draft DPR, along with detailed supporting reports, was recently presented to the Chairman and Managing Director, RSDCL, who appreciated the quality, depth, and clarity of the deliverables.

The positive feedback from RSDCL reflects the high standards WAPCOS maintains in all its projects. Impressed with the team's performance and expertise, RSDCL has expressed keen interest in engaging WAPCOS for upcoming DPR assignments and also sought strategic inputs on emerging areas such as floating solar, rooftop solar installations, and e-waste management solutions for solar infrastructure. WAPCOS remains committed to accelerating India's green energy transition and contributing to sustainable infrastructure development.



THE MONTH AT A GLANCE

CMD, WAPCOS Meets Chief Secretary, Government of Gujarat July 15, 2025

Mr. R. K. Agrawal, Chairman-cum-Managing Director, WAPCOS, called on Mr. Pankaj Joshi, IAS, Chief Secretary, Government of Gujarat, during an official visit to discuss ongoing and future collaboration between WAPCOS and the State Government. During the meeting, CMD briefed the Chief Secretary on WAPCOS's wide-ranging operations and project engagements across Gujarat, particularly in the fields of water resources, power, and infrastructure development.

The interaction served as a platform to reaffirm WAPCOS's commitment to supporting the State's developmental priorities through its multidisciplinary technical expertise, innovative project solutions, and proven track record in timely execution. Both sides exchanged views on strengthening institutional partnerships and enhancing synergy in critical infrastructure sectors.

WAPCOS looks forward to contributing meaningfully to Gujarat's growth journey by delivering sustainable and inclusive engineering solutions tailored to regional needs.



THE MONTH AT A GLANCE

WAPCOS Hosts First Half-Yearly NARAKAS Meeting for 2025 in Gurugram – July 16, 2025

The first half-yearly meeting of the Nagar Rajbhasha Karyanvayan Samiti (Office), Gurugram, for the year 2025 was successfully held on July 16, 2025, under the chairmanship of Mr. R. K. Agrawal, Chairman of NARAKAS, Gurugram, and Chairman-cum-Managing Director of WAPCOS and NPCC. The meeting was hosted at the Gurugram office premises of Power Grid Corporation of India Limited.

The session witnessed the participation of several distinguished dignitaries, including Mr. R. K. Tyagi, Chairman and Managing Director, Power Grid Corporation of India Limited; Dr. Mohammad Rehan, Director General, National Institute of Solar Energy; Mr. Manoj Kumar, Director General, National Cooperative Development

Corporation; and Mr. Kumar Pal Sharma, Joint Director, Department of Official Language, Ministry of Home Affairs. Senior officials and Rajbhasha officers from 45 member offices of NARAKAS, Gurugram, were also in attendance.

During the meeting, certificates of appreciation were awarded to member offices that actively organized Hindi competitions and promotional activities under the aegis of NARAKAS over the past six months.

The event was efficiently coordinated by Mr. Pradeep Kumar, Senior Executive Director (Official Language), WAPCOS, and Member Secretary, NARAKAS. WAPCOS remains dedicated to the promotion of Rajbhasha and strengthening institutional collaboration through such initiatives.



THE MONTH AT A GLANCE

WAPCOS Supports Grid Synchronization of Fifth Unit at Punatsangchhu-II HEP in Bhutan – July 17, 2025

WAPCOS is proud to have played a key role as the Design Consultant for the 1020 MW Punatsangchhu-II Hydroelectric Project in Bhutan, which marked a major milestone with the successful grid synchronization of its Fifth Unit on July 17, 2025. This achievement stands as a testament to the strong and enduring partnership between India and Bhutan in advancing sustainable hydropower development in the region. The milestone event was graced by the presence of His Excellency Shri Sudhakar Dalela, Ambassador of India to Bhutan, and the Hon'ble Energy Minister of Bhutan, Lyonpo Gem Tshering. Their participation underscored the strategic importance

of bilateral cooperation in clean energy and regional energy security.

WAPCOS's contributions to the project—from comprehensive design consultancy to ongoing technical support—have been instrumental in ensuring high standards of quality and timely execution. Special recognition goes to Mr. Khademul Islam, Project Director, and the dedicated WAPCOS team whose commitment and expertise helped bring this vision to life. WAPCOS remains deeply committed to supporting transformative infrastructure projects that strengthen regional ties and promote environmentally responsible development across South Asia.



THE MONTH AT A GLANCE

CMD, WAPCOS Participates in “Workshop on Industry 4.0” Organised by DPE July 18, 2025

Mr. R. K. Agrawal, Chairman-cum-Managing Director, WAPCOS, participated in the “Workshop on Industry 4.0” organized by the Department of Public Enterprises (DPE) on July 18, 2025, in New Delhi. The session was chaired by Mr. K. Moses Chalai, Secretary, DPE, who emphasized the transformative role of emerging technologies in boosting innovation, efficiency, and productivity across Central Public Sector Enterprises (CPSEs). The workshop saw participation from various CPSEs, industry leaders, and technology experts,

focusing on cutting-edge tools such as Artificial Intelligence, Digital Twin, and 3D Printing. Discussions highlighted the importance of adopting Industry 4.0 practices to future-proof public sector operations.

Mr. Amitabh Tripathi, Director (Commercial & HRD), WAPCOS, also attended the session, reflecting the organization's commitment to embracing digital innovation. WAPCOS continues to align with national priorities by integrating advanced technologies in its operations and driving excellence across its core sectors.



THE MONTH AT A GLANCE

WAPCOS Strengthens Strategic Engagements in Odisha July 22, 2025

Shri S. K. Srivastava, Senior Executive Director, WAPCOS, visited Bhubaneswar on July 11 and 18, 2025, for a series of high-level meetings aimed at deepening collaboration with the Government of Odisha. During the visit, he held detailed discussions with Hon'ble Shri Kanak Dev Singh, Deputy Chief Minister and Minister of Energy, along with senior officials from the Departments of Energy, Social Security and Empowerment of Persons with Disabilities (SSEPD), and Scheduled Tribes & Scheduled Castes (ST&SC) Development.

The meetings focused on reviewing the progress of ongoing assignments and exploring opportunities for new initiatives across the state. One of the key projects discussed was the rehabilitation and modernization of the Chiplima Power Channel, a critical infrastructure component for energy and irrigation in the region. The visit concluded on a positive note, with mutual commitment to strengthen institutional cooperation. WAPCOS reaffirmed its dedication to supporting Odisha's inclusive and sustainable development through innovative, technically sound, and socially responsive solutions.



THE MONTH AT A GLANCE

Uzbek Delegation Meets CMD, WAPCOS – July 28, 2025

A high-level delegation from Uzbekistan, led by Mr. Sadillaev Shokhruhalı Sharofovich, Director of JSC “Bukhoro Suv Taminoti”, called on Mr. R. K. Agrawal, Chairman-cum-Managing Director, WAPCOS, on July 28, 2025, in New Delhi. During the courtesy meeting, Mr. Sharofovich presented a traditional Uzbek dress to CMD, WAPCOS, symbolizing cultural goodwill and the strong spirit of cooperation between the two sides. WAPCOS is currently providing consultancy services for the “Detailed Design and Estimate Documentation for Sewerage System Construction Works” in the Bukhara Region

under the AIIB-funded Water Supply and Sewerage Project. The meeting served as a platform to review ongoing project implementation and explore avenues for future collaboration in Uzbekistan’s water and sanitation sector.

Mr. Sharofovich expressed appreciation for the professionalism and quality of work being delivered by the WAPCOS team. The interaction reaffirmed a shared commitment to enhancing Indo-Uzbek technical cooperation in infrastructure and public utility services. Mr. Sanjay Singal, Senior Executive Director, WAPCOS, along with his team, also participated in the discussions.







STAR PRESENTERS

Project Appraisal Presentation Meetings (PAPMs) offers platform to WAPCOS' officials to present the appraisal on the progress of projects focusing on the challenges encountered during project planning & execution, their feasible solutions adopted and upcoming technologies & innovations.

These meetings aim to foster information dissemination and knowledge sharing across all units and offices within the Organization. During these sessions, the officials make detailed presentations, which are attended by officers from various departments, enabling cross-functional engagement and fostering a deeper understanding of ongoing initiatives. By facilitating this exchange of insights and experiences, PAPMs promote collaboration, enable the sharing of best practices and encourage a cohesive approach to overcome challenges.

As a token of appreciation, the details of Star presenters of PAPM-16 held on 23rd July, 2025 (Wednesday), made presentations and shared their experiences and expertise are as follows:

| PRESENTERS | |
|--|---|
|  Hemant Singla Additional Chief Engineer | <ol style="list-style-type: none"> 1. Revamped Distribution Sector Scheme (RDSS) under MVNL DISCOM, (RDSS) under MVNL DISCOM-PMA 2. Revamped Distribution Sector Scheme (RDSS), Kanpur under KESCO DISCOM, UP - PMA |
|  Vineet Chaudhary , Additional Chief Engineer | <ol style="list-style-type: none"> 1. DPR for Revamped Distribution Sector Scheme (RDSS) under Dakshin Haryana Bijli Vitran Nigam Limited (DHBVN), Haryana 2. Revamped Distribution Sector Scheme (RDSS) under Dakshin Haryana Bijli Vitran Nigam Limited (DHBVN), Haryana -PMA |
|  Mridul Mohan Verma, Additional Chief Engineer | <ol style="list-style-type: none"> 1. Revamped Distribution Sector Scheme (RDSS) under DVNL DISCOM, Agra, UP - PMA 2. Consultancy Services for Dakshinanchal Vidyut Vitran Nigam Ltd. (DVNL), Agra for Smart Metering Implementation works under Revamped Reforms-Linked Results-Based Distribution Sector Scheme |

| | |
|--|---|
|  Pankaj Sharma, Deputy Chief Engineer | <ol style="list-style-type: none"> 1 Consultancy Services for Distribution Infrastructure and Smart Metering Implementation works under Revamped Reforms-Linked Results-Based Distribution Sector Scheme, Government of Arunachal Pradesh 2 Consultancy Services for Distribution Infrastructure and Smart Metering Implementation works under Revamped Reforms-Linked Results-Based Distribution Sector Scheme, Government of Nagaland |
|  Nikhil Pandey, Jr. Engineer | Revamped Distribution Sector Scheme (RDSS) under CSPDCL, Chhattisgarh (includes Smart Metering Implementation) - PMA |
|  Aishwarya Srivastava, Deputy Chief Engineer | Revamped Distribution Sector Scheme (RDSS) under Power Development Department, Ladakh - PMA |
|  Tarun Purohit, Deputy Chief Engineer | Consultancy Services for Purvanchal Vidyut Vitran Nigam Ltd. (PuVVNL), Varanasi, UP for Smart Metering Implementation works under "Revamped Reforms-Linked Results-Based Distribution Sector Scheme |

EMPLOYEES OF THE MONTH

WAPCOS recognizes employee's efforts for exemplary contribution in achievement of Turnover, New Business and Payment Realization for the Month of July, 2025

CONSULTANCY SEGMENT

Turnover



Shri Santosh Gautam,
Dy. Chief Engineer
T&D Unit Power Division

New Business



Shri Surender Singh,
Dy. Chief Engineer,
Generation Unit (Power Division)

Payment Realization



Shri Pooran Singh,
Deputy Chief Engineer,
T&D Unit Power Division

CONSTRUCTION SEGMENT

Turnover



Mohd. Farooq Khan
Addl. Chief Engineer,
CMU-II

New Business



Shri Charush,
Addl. Chief Engineer,
CMU-II

Payment Realization



Shri Shubham Biswas,
Engineer,
CMU-II

The map illustrates the global spread of Chinese diaspora communities. The largest concentrations are shown in the United States, Canada, and Australia. Significant diaspora communities are also present in East Asia (Japan, South Korea, Taiwan), Southeast Asia (Singapore, Malaysia, Indonesia, Philippines), and the Pacific (New Zealand, Fiji, Samoa). The map also shows smaller diaspora groups across Africa, Europe, and South America. Dashed lines radiate from a central point in East Asia, connecting to the locations of the diaspora.

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