



Stakeholder Workshop on

“Role of CWPRS in Dam safety and Rehabilitation – Building Strategic Partnerships”



Date: 29th October, 2025

Mode: Hybrid

The Central Water and Power Research Station (CWPRS), Pune; established in 1916 is a premier National Hydraulic Research Institute under the Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation, Government of India; catering to the R&D needs of hydraulics and allied disciplines. The research activities at CWPRS majorly encompass disciplines such as River Engineering, River and Reservoir Systems Modelling, Reservoir and Appurtenant Structures, Coastal and Offshore Engineering, Foundation and Structures, Applied Earth Sciences, Instrumentation, Calibration and Testing Services. The institute undertakes specific research studies through physical, numerical modeling, field and laboratory investigations for evolving safe designs of hydraulic and maritime structures.

With state-of-the-art laboratories, physical and numerical modeling facilities and a team of highly qualified scientists; CWPRS delivers science-based solutions that enhance dam safety, extend service life and ensure reliable performance under aging, seismic and climatic stresses. Over the decades, CWPRS has left its imprint on nearly every major dam project in India - from Bhakra and Hirakud to Sardar Sarovar, Tehri, Indira Sagar, Nathpa Jhakri and Polavaram - each a standing testimony to our enduring commitment to research, innovation and resilience in water engineering.

Today, as India faces the twin challenges of aging infrastructure and climate variability, CWPRS continues to stand as the nation's knowledge partner in dam safety and rehabilitation, securing water and energy lifelines for generations to come. Through its pursuit for excellence, CWPRS continues to stay committed to its research mandate by keeping abreast of cutting-edge tools like AI/ML and embracing R&D for emerging challenges like climate change, GLOF, salinity ingress, and technologies like Rubber dams and innovative construction materials.

Objectives of the Workshop

- ✓ Exhibit the state of art technology at CWPRS to support Dam safety issues comprehensively.
- ✓ Bring together the stake holders to facilitate collaboration and discussion on problems and solutions.
- ✓ Generate shared understanding and gather diverse perspectives to handle dam safety in an effective manner.
- ✓ Deliberate upon challenges in dam safety and prospective research areas and solutions CWPRS can offer.

Inaugural Address

Shri V. L. Kantha Rao, IAS
Secretary, Ministry of Jal Shakti, GoI

Dr. Sanjay Belsare
Secretary, Water Resources Department
Government of Maharashtra

Shri Anil Jain, Chairman
National Dam Safety Authority (NDSA), GoI

Dr. Prabhat Chandra
Director, CWPRS, Pune

PARTICIPATION

- ❑ The organizers invite all dam owners, dam safety organizations, working professionals from Government, Private and Public Sectors; Consultants working in Hydro power, Dam, Irrigation, Researchers, and other allied sectors for participation in the workshop.
- ❑ Interested participants may register by filling the Google form: <https://forms.gle/J3cLX753tueEUva39>



Registration Fees - Nil

Last Date for Registration – 25/10/2025

Coordinator

Dr. M. Selva Balan
Additional Director, CWPRS

Organised by
Central Water and Power Research Station (CWPRS), Pune

ADDRESS FOR COMMUNICATION

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