



Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Water Commission



Distance Learning course on Dam Safety Aspects 04th to 08th May 2026



Organized by
National Water Academy, CWC, Pune

INTRODUCTION AND OBJECTIVE

Presently India is having over 6600 number of specified dams. With such a large portfolio of water storage infrastructure, their sustainable & efficient operation can only be ensured through incorporating multifold dam safety measures. The **Dam Safety Act 2021** mandates the monitoring, inspection, operation, and maintenance of dams to prevent dam failure-related disasters.

One week distance learning course has been planned to give participants a better understanding of dam safety aspects and the measures required to be taken to fulfil the various obligations under Dam Safety Act 2021. There is a huge need for capacity building not only of the officials of State, Central Government departments, PSUs but also of the various private institutions, consultants, academia, NGOs etc working in this area as well. Building the organizational and individual capacities to fulfil the obligations required under various provisions of the DSA, 2021 is humongous task and this distance learning program will address the imperative need for capacity building of the personnels and stakeholders involved in this task.

Program Content:

- Overview of provisions of Dam Safety Act 2021, Status of their Implementation and way forward
- Design flood Review & Issues faced in Design flood Review
- Dam Break Analysis & Flood Inundation Mapping
- Emergency Action Plan (EAP) for Dams
- Hazard Classification of Dams
- Risk Assessment Studies of Dams
- Structural Safety of Embankment Dams
- Stability analysis of Gravity & Embankment dams using advanced tools
- Assessment of Hydromechanical components of existing dams
- Reservoir Rule Curves
- Dam Instrumentation and Analysis of Reservoir data

RESOURCE PERSONS

The resource persons for the distance learning course would be subject experts from National Dam Safety Authority, Central Water Commission, Central Water & Power Research Station, National Institute of Hydrology, practicing professionals etc.

DURATION

The distance learning course will be conducted through online mode during 04th to 08th May 2026.

TARGET GROUP

This training course is intended for all the stakeholders including Private Organizations/Research Institutions/Academia/ Consultants/ NGOs / Central/State Govts/PSUs/ Dam owners working in the design, execution, operation & maintenance and safety of dams/ barrages/weirs etc.

COURSE FEE

This one-week distance learning course is free of cost for all the stakeholders.

HOW TO APPLY

1. The authorities of Central Govt./State Govt./PSUs/ Private Organizations /Consultants/Academia etc. are requested to send nominations of their personnel in the Nomination form given in the brochure through email to nwa.pune@gmail.com/ directordes-nwa@gov.in. The last date of sending nomination is **28.04.2026**.
2. All nominated and interested participants shall register in the Google form given at: <https://forms.gle/HZtaCqDjxaMvYWyc8>
3. The course will be conducted through e-learning platform of NWA i.e. <https://elearning.nwapune.co.in>. Accordingly, all nominated and interested participants are required to register on this platform. After completing the registration & login to the e-learning website of NWA, they are also required to enroll themselves for the program “Distance learning program on Dam Safety Aspects” scheduled during 04th to 08th May 2026. The enrollment key will be shared with the participants after their nomination is confirmed by NWA. The links for various activities of the training program as well as the presentation material will be made available on this platform.

CERTIFICATE

Course completion certificate will be generated for those participants who will attend all the sessions and complete compulsory assessment and course feedback.

CONTACT

Course Director
Shri Vivek Kumar Verma, Director, NWA, Pune
9140706811
Email Id: nwa.pune@gmail.com, directordes-nwa@gov.in
Website: <https://nwapune.gov.in>

NOMINATION FORM

Name (in capitals):

Designation:

Organization:

Responsibilities (in brief):

Full Postal Address

Tel Nos (with STD Code):

Email:

Mobile

Date:

(Signature of the Participant)

SPONSORING AUTHORITY

Full Postal Address

Tel Nos (with STD Code):

Email :

Mobile

Date

(Signature and Seal)

Completed Nomination Form may be sent by email: nwa.pune@gmail.com / directordes-nwa@gov.in