

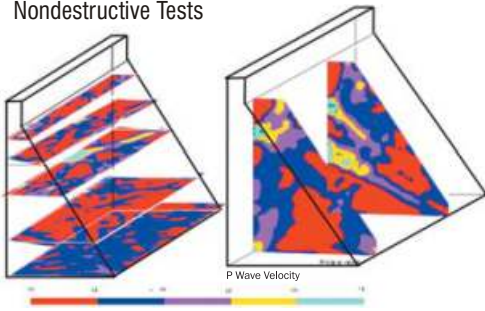
NATIONAL WORKSHOP ON **DAM REHABILITATION** TRENDS AND PRACTICES

Date: 13-14 October, 2016

Venue: **Central Water & Power Research Station, Pune**



Diagnosis by
Nondestructive Tests



Repairs to upstream face of
Almatti Dam Karnataka

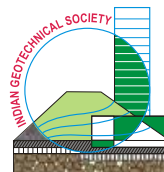
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100 years and beyond ...



Central Water &
Power Research Station, Pune

IN ASSOCIATION WITH



Indian Geotechnical Society
Pune Chapter

TECHNICAL DETAILS OF WORKSHOP

Most of the Indian dams are aging and need rehabilitation to preserve their integrity and enable them serve the intended purpose. The Government of India has undertaken the Dam Rehabilitation & Improvement Project (DRIP) with aid from World Bank. The dam safety bill envisaging periodic inspection, safety audit and rehabilitation has already been prepared and is likely to be enacted soon. In this context, a two-day workshop is being organized to discuss various pragmatic aspects of dam rehabilitation highlighting the latest trends and practices providing solutions to site specific problems. The workshop comprises lectures by CWPRS officers and invited speakers having extensive research and professional experience. Also, eminent practitioners from industry will share their practical experiences with the participants.



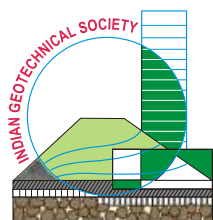
ABOUT CWPRS, PUNE



Central Water and Power Research Station (CWPRS), Pune, presently celebrating Centenary Year (2016), is a premier National Hydraulic Research Institute involved in applied research in the fields of River Engineering, Reservoir Modelling, Dams & Appurtenant Structures, Coastal & Offshore Engineering, Foundation & Structures, Applied Earth Sciences, Instrumentation and Calibration Services. CWPRS offers services by conducting applied research through physical as well as numerical model studies for evolving safe designs of hydraulic and maritime structures. As the UN recognized Regional Laboratory for Economic and Social Commission for Asia and the Pacific (ESCAP) region since 1971, CWPRS has offered its services to a number of projects in the neighbouring countries as well as in the Middle East and Africa.

The Foundation & Structures and Applied Earth Sciences laboratories of CWPRS are associated with studies related to stability analysis of dams, foundation investigations, delineation of sub surface stratigraphy, reservoir competency, diagnosis of health of dams, etc. In the past few decades, CWPRS has developed expertise in providing cost effective and viable solutions for Dam Safety and its Rehabilitation.

ABOUT IGS, PUNE CHAPTER



The Indian Geotechnical Society (IGS) aims at promoting co-operation amongst engineers and scientists for advancement and dissemination of knowledge in the field of Soil Mechanics, Foundation Engineering, Soil Dynamics, Engineering Geology, Rock Mechanics and allied field and their practical applications. IGS Pune Chapter was inaugurated on 3rd April 2004. Since then it has been instrumental in dissemination of knowledge by organizing various seminars, conferences and workshops. Recently, the 50th Indian Geotechnical Conference (IGC-2015) was organized jointly by IGS (Pune Chapter), University of Pune and CWPRS in College of Engineering, Pune (CoEP) during 17th to 19th Dec 2015.

THEMES

Major Problems in Dams

Geotechnical and Structural

Investigations for Dam Rehabilitation

Visual Inspection, Nondestructive Testing, Core Drilling, Borehole Videography and Seepage Measurements

Repair Materials

Rehabilitation Measurers

Various Types of Grouting Including Underwater and Effective Seepage Control Methods

Efficacy Assessment of Rehabilitation Measurers

Non-Destructive Tests, Bond Tests, Adhesion Test, In Situ Properties and Permeability Tests

Rehabilitation Management

Design, Construction and Risk Management

Dam Instrumentation

Data Analysis and Interpretation

CHIEF PATRON: **Dr. M K SINHA**, Director, CWPRS

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Environmental Sciences, UoP

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Dr. Tiru Kulkarni, Vice President, GEO
Division, Garware Wall Ropes

Er. Annaporni Iyer, AGM, Maccaferri
Environmental Solutions, Pune

CONVENOR: **Dr. C Krishnaiah**, Scientist 'D', CWPRS,

Ph: 020-24103459, Mob: +91 98907 66223, Email: cwprs.igs.workshop@gmail.com

Other Contact Numbers: +91 99217 29869, +91 93733 22899

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IMPORTANT DATES

Registration Date:
15.07.2016 to 30.09.2016

**Intimation of
Abstract Acceptance:**
15.09.2016

**Last Date for
Submission of Abstract:**
07.09.2016

**Last Date for Submission
of Full Length Papers:**
30.09.2016



PARTICIPATION

The organizers invite Practicing Engineers, Research Scientists, Consultants working in R&D Institutes, Irrigation Projects, Academic Institutions and students for participation in the workshop.

Participants, if interested, can send case studies in the form of extended abstracts of about 500 words. Soft copy of abstract

should be sent to the convenor by email. Authors of selected abstracts should submit full length papers and will be given chance for presentation during the workshop. Template for format of abstracts and full length papers can be downloaded from www.cwprs.gov.in, www.igc2015pune.in or www.coep.org.in

REGISTRATION

DELEGATES

₹ 3000

STUDENTS

₹ 1500

Interested participants may register themselves by mailing the registration form duly filled, to the convenor, along with registration fees paid Online or by Demand Draft drawn in favour of **Indian Geotechnical Society Pune Chapter, CoEP, Pune.** (SBI Acc No. 0000034408095647, IFSC: SBIN0010431)

SPONSORSHIP

DIAMOND	₹ 1,00,000	:	4 members + presentation time
GOLD	₹ 75,000	:	3 members + presentation time
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Standard size of 3mtr x 3mtr x 2.80mtr: ₹ 30,000

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ACCOMMODATION

Accommodation at CWPRS and NWA guest houses will be provided on payment and first come first served bases. Participants can contact the guest houses to check availability for booking. **CWPRS Guest house: (020) 24380196 | NWA Guest house: (020) 24380392**

ADDRESS FOR COMMUNICATION

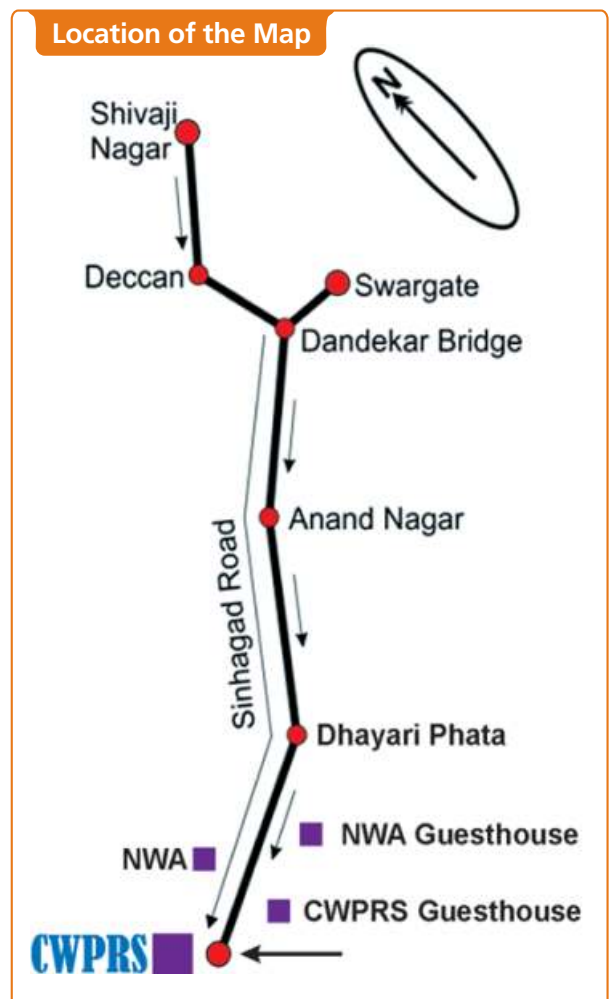
Convenor: **Dr. C Krishnaiah**, Scientist 'D', CWPRS,

CENTRAL WATER & POWER RESEARCH STATION

Ministry of Water Resources, River Development and Ganga Rejuvenation
Sinhagad Road, Khadakwasla, Pune - 411024.

Ph: 020-24103459, Mob: +91 98907 66223, Fax: 020-24381004

Email: cwprs.igc.workshop@gmail.com, Web: cwprs.gov.in



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REGISTRATION FORM

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₹ 3000

STUDENTS

₹ 1500

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3 _____

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NATIONAL WORKSHOP ON DAM REHABILITATION-TRENDS AND PRACTICES

Convenor: **Dr. C Krishnaiah**, Scientist 'D', CWPRS, Email: cwprs.igc.workshop@gmail.com,
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