

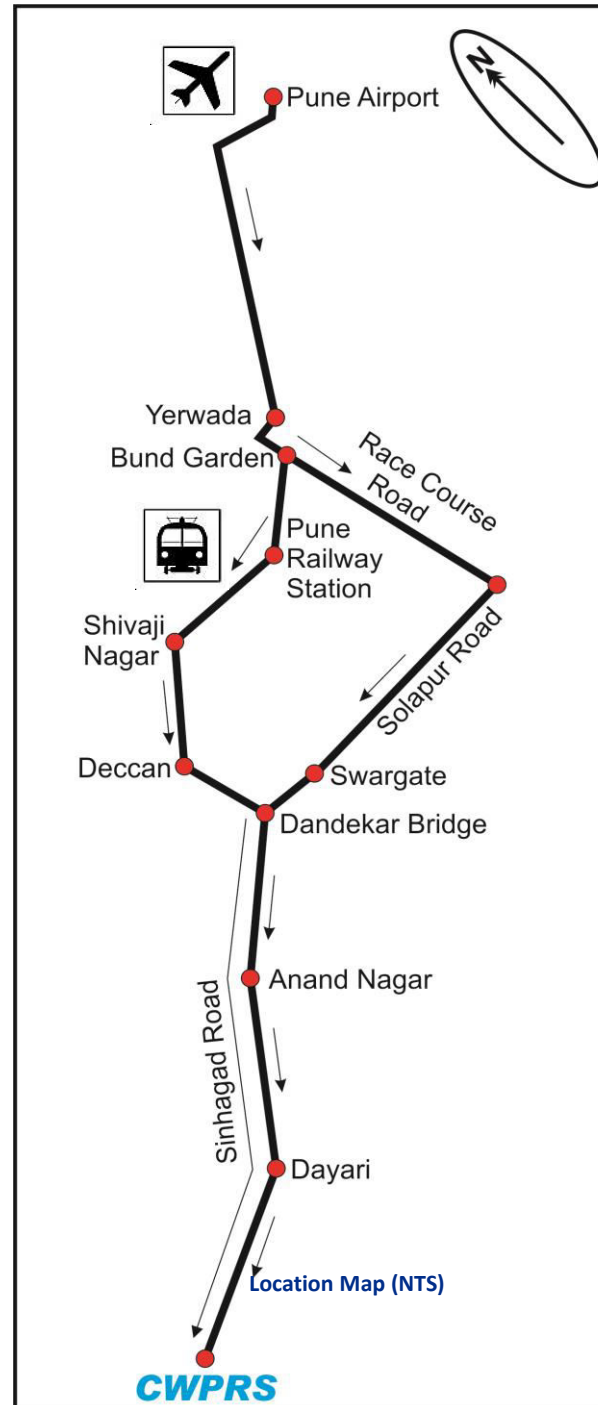
Selection, Operation & Maintenance of Centrifugal & VT Pumps

About CWPRS

Central Water and Power Research Station (CWPRS), Pune as it is known today was established in 1916 is a premier National Institute offering a wide range of R&D services related to hydraulics and allied areas for providing research inputs for the design and development of projects in water resources, river engineering, port sector and coastal developments. Today, CWPRS is a multi-disciplinary research organization with no parallels in India, in the service to the nation through research for more than 100years. The activities of CWPRS encompass the studies undertaken in the following seven major disciplines:

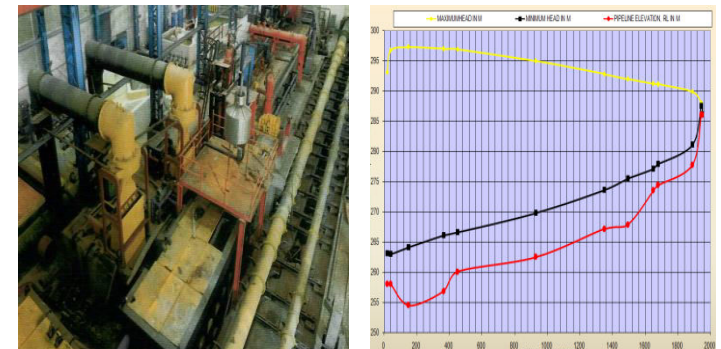
- River Engineering
- River and Reservoir System Modeling
- Reservoir and Appurtenant Structures
- Coastal and Offshore Engineering
- Foundation and Structures
- Applied Earth Sciences
- Hydraulic Machinery & Cavitation (HMC)

HMC division has been involved in performance evaluation of hydro electric power plants (HEP), submersible pumps for various state Govts and Pvt. agencies. It has also undertaken site testing of large VT pumps, such as TATA, MKVDC Maharashtra. It has helped various manufactures to develop new products. The technical services include standardisation of flow measurement systems as done to KBJNL, Hindalco, Usha Martin, Delhi Jal Board, NTPC, ONGC, NTPS and Municipal Corporations of Mumbai, KDMC, Pune, Nagpur and so on.



A Training Course on Selection, Operation & Maintenance of Centrifugal & VT Pumps

April 04 - 06, 2017



Organized by

100 years and beyond ...



Central Water and Power Research Station
Pune, India

Dr. Mukesh Kumar Sinha, Director

Objectives :

The course is to provide a platform to bring together Engineers, Scientists, Industries and Research personnel working in various aspects of design, operation, execution and maintenance of pumps / pumping system. CFD analysis being an emerging field, will be dealt in this training. The course will also focus on inter disciplinary aspects such as selection of Pump Motors and starters for various types of applications. The course would benefit engineers operating lift irrigation schemes(LIS) and water distribution systems / process industry

Course Contents

The course consists of lectures by Expert Professional from pump industry, CWPRS and also faculty drawn from academia. The lecture would deliberate on theory and will be discussed with typical case studies and also practical sessions. Training course covers the following topics:

- Maintenance of Centrifugal/ VT Pumps
- Hydraulic consideration of Pumps
- Design considerations for pump sump
- Selection of pumps for special applications
- CFD Analysis of Pumps
- Performance test of Pumps/Site test
- Selection of Pump Motors
- Soft Starters for Pumps

Participation :

The proposed course is expected to be useful and of interest to the practicing engineers, research scientists and engineers involved in execution of centrifugal / VT pumps, associated systems and solution of problem areas.

Venue and Date :

The course will be held between 1000 and 1700 hours during April 04-06, 2017 at Central Water and Power Research Station (CWPRS), Khadakwasla, Pune-411024

Registration :

The registration fee for this course is Rs.4000/- only. The payment is to be made to A/C No. 10601001008 at RBI with IFSC Code : RBIS0MBPA04 by E-payment through Non Tax Receipt Portal (<https://bharatkosh.gov.in>). The mandate form can be downloaded from the portal after login in. The details of E-payment should invariably be informed to this office through email at cpc.cwprs-pune@gov.in with a copy to cro_tc@cwprs.gov.in/rah4uin@yahoo.co.in or by fax on 020-24381004. The payment can also be made through The Demand Draft in the favor of “ Pay and Account Officer , CWPRS ” , Khadakwasla, Pune, payable at State Bank of India, Pune (Branch Code-1904). Working lunch and light refreshments would be provided during the course.

Accommodation :

Accommodation at nominal cost will be provided at CWPRS guest house on first come first served basis. The participants are requested to arrange own transport facility from Airport/Railway station/Bus stand to CWPRS

Convener :

Shri M. D. Kudale, Additional Director
Phone : 020 2410 3421

Coordinator:

Shri P.M.Abdul Rahiman, Scientist D
Phone : 99603 51426,

Email : rah4uin@yahoo.co.in

Co-Coordinator:

T.K.Swain , Scientist C

Phone : 94031 33224

Email : tarunswain13@gmail.com

Fax : 020 2438 1004, Web : www.cwprs.gov.in

A Training Course on Selection, Operation & Maintenance of Centrifugal & VT Pumps

April 04 - 06, 2017

Registration Form

Name : _____

Designation : _____

Organization : _____

Mailing Address : _____

Tel : Off _____ Res _____

Fax : _____

E-mail : _____

Enclosed please find DD. No./E-payment receipt

No _____ Dated _____

for Rs. _____ drawn on _____

towards registration fee.

Signature