

NATIONAL WATER ACADEMY, PUNE

**Training Programme on  
MONITORING OF IRRIGATION PROJECTS USING  
BHUVAN PLATFORM  
(01-05 February 2016)**

**REGISTRATION FORM**

Name  
(in capitals): \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Responsibilities in brief)  
\_\_\_\_\_  
\_\_\_\_\_

Full Postal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tel Nos.(with STD Code) : \_\_\_\_\_

Fax No: \_\_\_\_\_

Mobile : \_\_\_\_\_

E-mail ID: \_\_\_\_\_

**Date** \_\_\_\_\_  
(Signature of the participant)

**SPONSORING AUTHORITY**

Full Postal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Tel Nos.(with STD Code) : \_\_\_\_\_ Mobile \_\_\_\_\_

Fax No: \_\_\_\_\_

E-mail ID: \_\_\_\_\_

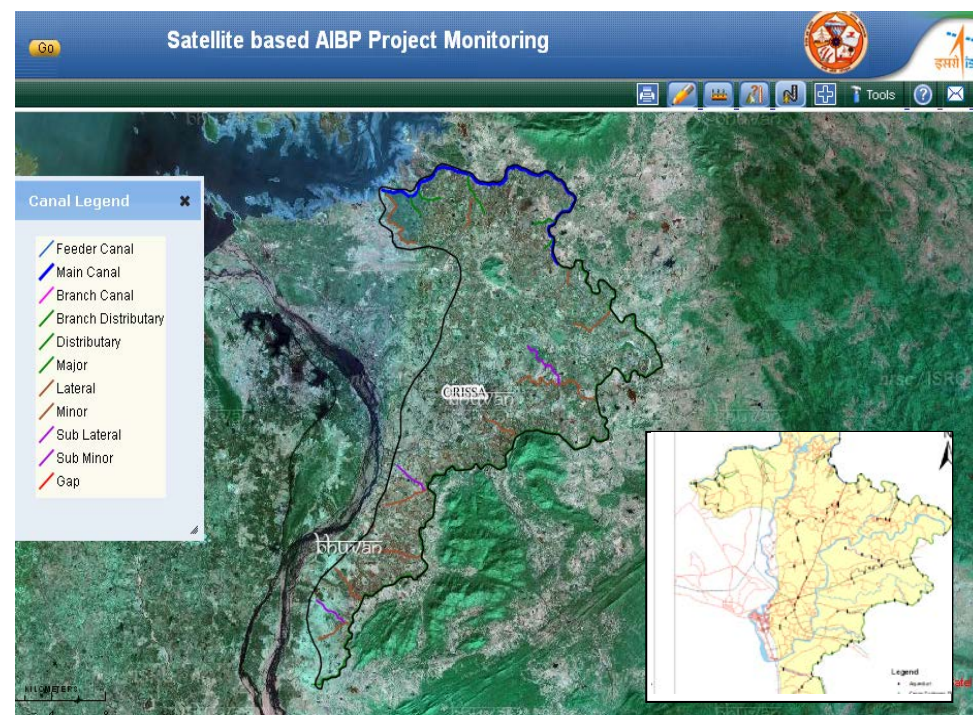
**Date :** \_\_\_\_\_  
(Signature and seal)

*Completed Registration Form may be sent by Fax to: 020-24380110*



**GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES  
CENTRAL WATER COMMISSION**

**Training Programme on  
MONITORING OF IRRIGATION PROJECTS  
USING BHUVAN PLATFORM  
(01-05 February 2016)**



**Organized by  
NATIONAL WATER ACADEMY  
PUNE**

## INTRODUCTION AND OBJECTIVES

Monitoring and evaluation of irrigation projects must play a more important role in the future if the irrigation management process is to be improved. The process is complex, since a large number of regular, specific tasks must be performed, both concurrently and sequentially, and coordinated by a variety of professionals within available time and resource constraints. For any evaluation to be used, it must be credible, objective, accurate, and fair. Reports should be clear, unambiguous, balanced in terms of strengths and weaknesses, and contain justifiable conclusions and recommendations. For monitoring and evaluation to succeed, irrigation managers need to develop a new evaluative mind-set that enables them to appraise their projects' performance objectively, reflect on what has been learned for future use, and adjust policies on the basis of that knowledge whenever necessary. Bhuvan Platform can be used to supplement the correct monitoring practices.

This programme is conceived to impart training on different aspects of monitoring of projects through Bhuvan Platform and points out the process for monitoring and evaluation, infrastructure mapping, and provides a realistic framework for carrying it out. The purpose is not only to create awareness about GIS use in monitoring projects, but also to utilize the latest technical know-how for the monitoring and evaluation through a series of expert deliberations and hands-on.

## PROGRAMME CONTENTS

- Basic concepts of Remote Sensing and Geographical Information System
- Monitoring of irrigation projects including AIBP schemes
- Image Characteristics & Elements of Interpretation
- Feature Identification, Bhuvan Architecture
- Features AIBP data access Tools & Applications
- Mapping project infrastructures using Bhuvan Platform
- Infrastructure Mapping, Extraction of canals, roads and Linear features from CARTOSAT, Attribute Entry, Assessment of Irrigation Potential Creation, Assessment of IP created, command boundary /administrative jurisdiction, rivers/ reservoirs/ transportation networks, etc

## PROGRAMME FEE

There is **no program fee** for participants from **Central and State Govt. departments**. Charges for participants from other agencies are:

| <i>Category</i> | <i>Description</i>  | <i>Fee in Rs.<br/>(per participant)</i> |
|-----------------|---|---|
| A.              | Central / State Government / Departments including their autonomous bodies:   | NIL                                     |
| B.              | PSUs/SPVs of State Governments which are <i>not-for-profit</i> organization / authorities / bodies of state governments, even if they have Corporation" or "Limited" in their names, only if they certify that they are " <i>not for profit</i> " organizations | NIL                                     |
| C               | Recognized Academic Institutions, NGOS  | 1,500/-                                 |
| D               | PSUs of MoWR, RD&GR, Govt of India  | 5,000/-                                 |
| E               | Central & State PSUs (other than Category B & D)  | 10,000/-                                |
| F               | Private Companies, individuals  | 15,000/-                                |

## DURATION

**(01-05 February 2016) 1 week**

## VENUE

National Water Academy, Khadakwasla, Sinhgad Road, Pune-411 024.  
(for more info on NWA, visit <http://nwa.mah.nic.in>)

## TARGET GROUP

Graduate Engineers, (B.E./B.Tech) with minimum two years of work experience in the field of water resources, of the levels of Superintending Engineer / Executive Engineer / Assistant Executive Engineer and Assistant Engineer from Central/State Govt organizations, PSUs, Pvt Organizations, etc. with working knowledge of computers.

## PARTICIPATION

The nomination of the officers fitting the target profile may be sent to the Programme Coordinator latest by **15.01.2016**. All nominations received after the due date will not be considered for training. The accepted nominations would be posted on our web site (<http://nwa.mah.nic.in>) under the link "*Upcoming Events*, by **18.01.2016**. **Participants should join the course only after confirmed acceptance from NWA website.**

## LOCAL HOSPITALITY

NWA has a self-contained residential campus, and all out-station participants would be provided with accommodation in the NWA Hostel. **Lodging and boarding charges will be borne by the participants.** Airport/Railway station pickup/drop will have to be arranged by the participants.

## WEATHER

During the month of February normally it is winter and the average temperature of Pune may be around 20°C to 25°C.

## CONTACT

For sending nominations or for any information with regard to this Programme, please contact Programme Coordinator:

## PROGRAM COORDINATOR

### Manish Rathore

Deputy Director & Program Coordinator,  
National Water Academy, CWC,  
Khadakwasla, Sinhgad Road,  
Pune – 411 024

Tel: 020 - 24380528, Mob: 7722033251, Fax: 020-24380110

E-mail: [nwa.mah@nic.in](mailto:nwa.mah@nic.in), [mrathore85@gmail.com](mailto:mrathore85@gmail.com)

Website: <http://nwa.mah.nic.in>