



# *Training Programme* *On*



## **Appropriate Sampling Techniques Including Sample Preparation and Various Analyses of Water for Irrigation in Agriculture (November 13 – 18, 2017)**



**ICAR -Indian Institute of Water Management  
(Indian Council of Agricultural Research)  
Opposite to Rail Vihar, Chandrasekharpur,  
Bhubaneswar, Odisha 751 023**

## Introduction and Objectives

Fresh water is a receding resource and also gets contaminated in various places. Water sample collection and analyses are therefore immensely important 'To know your WATER' and appropriating its use for irrigation purpose. Irrigation water quality varies depending on soil type, irrigation method, nature of crop and existing agro-climate. Irrigation with good quality water not only assures production but also ensures safe use of the produce. The training programs on “**Appropriate sampling techniques including sample preparation and various analyses of water for irrigation in agriculture**” is therefore planned with the following objectives:

1. Introduction to water sample collection, preservation and instrumentation for laboratory analyses
2. Impart training on water analyses for relevant irrigation water quality parameters
3. Evaluation of water quality for use in irrigation purpose

## Course Contents

The training course will focus on the techniques for collection of samples from different water sources, importance of on-site measurement of water quality parameters, introduction to various instruments and their process of operation, laboratory analyses of water for relevant cations, anions and other parameters, analyses of the data and their interpretation and evaluation water quality for use in irrigation.

## Eligibility of Trainees

The Technical personnel of ICAR institutes are eligible for participation in this Training Program. All the applications must be routed through proper channel. The total number of participants will be strictly restricted to 25. There is no

course fee for Technical personnel of ICAR institutes. However, Technical personnel from SAUs / CAUs / and ICAR funded KVKs required to pay a nominal fee of ₹ 2500.00 (Rupees two thousands and five hundred) only in the form of Demand Draft in favour of the Director, ICAR – Indian Institute of Water Management, payable at Punjab National Bank (IFSC code: PUNB0297700) Chandrasekharpur, Bhubaneswar 751 023. The TA/DA will be borne by the host institutes of respective participants

## Course Duration

The duration of the Training Course is six days from 13 to 18 November 2017.

## Venue and other details

The program will be conducted in the ICAR – IIWM, Bhubaneswar, Phone Nos. 0674-2300481, 2300016, 2300010 (Office); Fax: 0674 – 2301651. Accommodation will be arranged in the guesthouse of the Institute. Participants are requested to bring permission and relieving order from their respective organizations

### Last date for nomination

The duly filled nomination should reach to

Dr. Madhumita Das,  
Course Director (1),  
Principal Scientist,  
ICAR-IIWM, Bhubaneswar, Odisha 751 023,  
Email: [Madhumita.Das@icar.gov.in](mailto:Madhumita.Das@icar.gov.in); [mdas6@yahoo.com](mailto:mdas6@yahoo.com)

or

**Dr. S. Pradhan,  
Course Director (2),  
Scientist, ICAR-IIWM,  
Bhubaneswar – 751023.  
E-mail: [sanatan28@gmail.com](mailto:sanatan28@gmail.com)**

**on or before 29 October 2017. The nomination form can be downloaded from the Institute website: [www.iiwm.res.in](http://www.iiwm.res.in). Confirmation of participation will be intimated through Email.**

### **How to reach IIWM**

**Bhubaneswar the capital city of Odisha is well connected by rail, bus and flight with all the major cities and places across India. The Institute is around 10 km from Bhubaneswar railway station (master canteen), 15 km from Biju Patnaik International airport. Pre-paid taxi, auto or other services can be availed to reach at Indian Institute of Water Management, opposite to Rail Vihar, Chandrasekharapur, Bhubaneswar 751 023.**