

## INDIAN WATER WORKS ASSOCIATION

MUMBAI CENTRE

ANNOUNCES

### 4<sup>th</sup> TRAINING COURSE IN RAIN WATER HARVESTING

Every summer there is a big hue & cry for drinking water in our cities. Rapid urbanization is leading to overexploitation & pollution of water resources which leads to water scarcity, whereas on the other hand the demand for water increases every day.

This scenario has created several questions which need to be addressed in proper fashion to bring the situation under control viz.

- How can we augment depleting ground water?
- How to ensure continuous availability of water?
- How the load on Municipal water supply can be reduced?
- How we can minimize flooding in urban areas when there is excess rain in short duration or when there is high tide? ( For example situation city like Mumbai)

You can get the answers to these questions from this 2 day training programme organized by Mumbai Centre of Indian Water Works Association.

Indian Water Works Association (IWWA) Mumbai is an non government organization established in 1968 by engineers from Hydraulic Engineers Department of Municipal Corporation of Greater Mumbai & Brihan Mumbai Licensed Plumbing Association, Mumbai under the leadership of then Municipal Hydraulic Engineer late Shri D.R.Bhise to give a platform to engineers, consultants, scientists, environmentalists & contractors from the field of Water & waste water to interact with each other to find solutions to the problems in the field through its 27 centers all over India. IWWA disseminates the latest trends & technologies in water treatment, water quality waste water treatment, eco-sanitation, environment, pollution by way of holding seminars, workshops & Conferences at National & international levels. A quarterly journal is published to give a chance to publish their research papers, case studies etc. to all working in these fields. IWWA has collaboration agreement with American Water Works Association (AWWA) USA, to print their standards related with water & water treatments in India for Indian engineering fraternity. IWWA has also entered in MOU with International Water Association (IWA) UK, to hold workshops on eco-sanitation in India,

as well as supply of material for Ecosan projects in India. IWWA is also has collaboration with Japan Water Works Association (JWWA), Japan, for latest technologies in these fields. IWWA is also member of Global Water Partnership (GWP) under United nations.

#### Who should attend this training?

Engineers from Municipal Corporation, PHED, PWD, Architects, Urban Planners, Policy Makers, Environment Consultants & other Government officers who are interested in knowing theory, practice & policies of Urban Rain Water Harvesting.

#### Course Contents:

- ❖ India's rich tradition of rain water harvesting & current paradigms.
- ❖ Understanding basics of groundwater hydrogeology.
- ❖ Planning, designing, construction process, maintenance & monitoring Mechanisms for costing, water quality issues, treatment options, filters etc
- ❖ Models for Residential & Institutional buildings, colonies, industries, public areas like Parks, Airports, Afforested areas etc.
- ❖ Water policy & Legislation : Fiscal incentives & disincentives.
- ❖ Strategies for catalyzing rain water harvesting, Experiences & Examples

#### Tools :

Classroom lectures by experts, site visit to rain water harvesting projects in city, practical exercises by participant in designing of a model RWH scheme.

This 2 day training will equip participants with planning & designing skills of rain water harvesting for storing of rain water for direct use & Techniques for Ground water recharge.

Participants will be given certificate of participation from Indian Water Work Association Mumbai Centre.

**Course fee:** Rs 2000/- per participant  
Rs 1500/- for IWWA members & Students.

**Venue :** Conference hall of IWWA at IWWA head quarters bldg., Pipeline Road, Santacruz (East), Mumbai 400 055  
Contact No.- 26672665 / 26672666.

**Date :** 9<sup>th</sup> & 10<sup>th</sup> March 2013 (Timing : 9.30 a.m. to 5.30 p.m.)

Details available on Website : [www.iwwa.info](http://www.iwwa.info)



## INDIAN WATER WORKS ASSOCIATION

MUMBAI CENTRE

### REGISTRATION FORM

#### 4<sup>th</sup> TRAINING COURSE IN RAIN WATER HARVESTING

Name (Mr./Mrs./ Ms./Dr./Er) : \_\_\_\_\_

Name of Organization : \_\_\_\_\_

IWWA Membership No. : \_\_\_\_\_

Address : \_\_\_\_\_

Dist \_\_\_\_\_ State \_\_\_\_\_

Tel. No. : \_\_\_\_\_ Fax : \_\_\_\_\_

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

A. Course fee (Rs. 2000/-)

Rs. \_\_\_\_\_

B. Course Fee for  
IWWA Members & Students  
(Rs. 1500/-)

Rs. \_\_\_\_\_

The above charges are being paid vide D. D. / Cheque

No. \_\_\_\_\_ Dated \_\_\_\_\_

drawn on bank \_\_\_\_\_

for Rs. \_\_\_\_\_

(NB : Cheque / D.D. for registration fee should be drawn in favour of "IWWA  
Mumbai Centre" payable at Mumbai)

Dated :

Signature

### Contact Persons

Course Conductor

**Er. ULHAS PARANJPE**

Cell. : 09820788061

Course Facilitator

**Er. ULHAS DIVEKAR**

Cell. : 09869060213

Course Facilitator

**Er. PATADE G. V.**

Cell. : 09969244466

Hon. Chairman, IWWA, Mumbai Centre

**DR. HEMANT LANDGE**

Cell. : 09970057648

Hon. Secretary, IWWA, Mumbai Centre

**Er. WADHAVANE K. B.**

Cell. : 09869426043

Hon. Treasurer Gen., IWWA

**Er. DALVI P. B.**

Cell. : 09869425995

## TRAINING COURSE

IN RAIN WATER HARVESTING



MUMBAI CENTRE



INDIAN WATER WORKS ASSOCIATION