

## **CENTRE FOR WATER RESOURCES**

The Centre for Water Resources (CWR) was established in May 1979 to pursue teaching, research, consultancy and impart training programmes in hydrology, water resources engineering, irrigation management, water quality and quantity management.

Right from inception the Centre is academically supporting various subjects for B.E. Civil Engineering and selected subject for others branch students. Three PG programmes namely M.E Irrigation Water Management, Hydrology and Water Resources Engineering and Integrated Water Resources Management are being offered.

## **HYDRAULICS LABORATORY**

The Centre has one of the biggest hydraulics laboratories equipped with advanced instrumentation such as

- *River Discharge Monitoring Equipment:* QLiner to measure the flow profiles in rivers/ channels using acoustic Doppler method
- *Propeller and cup type current meters* for velocity measurements in open channels

- *Tilting flume* to conduct experiments and research on hydraulic jump, surges etc
- *Open channel and wave flume* to conduct research studies and *Velocimeters* for lab scale research in open channels.

## **PROGRAMME OBJECTIVES**

The objective of the program is to impart knowledge on types of open channel flows, its computational techniques, hydraulic machines through lecture sessions and demonstration on the laboratory as well as field measurements.

## **COURSE COVERAGE**

The following topics will be covered

- Open channel flow, its properties and types
- Uniform flow, GVF and RVF
- Dynamic equations of gradually varied and spatially varied flow.
- Application of the energy equation for rapidly varied flow.
- Hydraulic machines
- Performance of Turbines, Pumps and their operating characteristics.

## **SEVEN DAYS FDTP**

ON

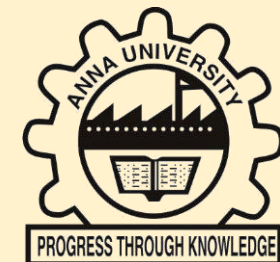
## **APPLIED HYDRAULIC ENGINEERING (CE 6403)**

6<sup>th</sup> to 13<sup>th</sup> December, 2017

## **REGISTRATION FORM**

Coordinators

**Dr. E. Arun Babu**  
**Er. V. Ramji**



Sponsored by

**Anna University**  
Chennai - 25

Organized by

**Centre for Water Resources**  
Department of Civil Engineering  
Anna University, Chennai - 25

## ORGANIZING COMMITTEE

### CHIEF PATRON

#### VICE CHANCELLOR

Anna University, Chennai

### PATRON

#### Dr. S. GANESAN

Registrar

Anna University, Chennai

### CHAIR

#### Dr. SHANTHI

Director, CFD

#### Dr. D. SRIDHARAN

Addtl. Director, CFD

### CO-CHAIR

#### Dr. K. NAGAMANI

Professor and Head, Civil Department

#### Dr. N. K. AMBUJAM

Professor and Director, CWR

### COORDINATORS

#### Dr. E. ARUN BABU

Assistant Professor, CWR

#### Er. V. RAMJI

Assistant Professor, CWR

### VENUE

Seminar Hall

Centre for Water Resources

Anna University, Chennai

### DATES TO REMEMBER

Submission of Application : 22.11.2017

(By Email / post)

Intimation of Selection : 24.11.2017

(By Email only)

Confirmation by Participants : 27.11.2017

(By Email only)

## ELIGIBILITY

Faculty members of Civil Engineering Department of all AICTE approved Engineering colleges affiliated to Anna University ONLY.

## REGISTRATION FEE

There is NO course fee for the training Programme. Selection on first come first serve basis. The number of participants is restricted to 25 only. No TA / DA will be provided to the participants.

## DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Faculty Development Training Programme. If selected, I shall attend the Programme for the entire duration. I also undertake the responsibility to inform the Coordinator in advance if I am unable to attend the course

Signature of the Applicant

## SEND IN YOUR REGISTRATION TO

The Coordinators  
FDTP CE 6403 APPLIED HYDRAULIC  
ENGINEERING  
Centre for Water Resources  
Department of Civil Engineering  
Anna University, Chennai – 25  
044 - 2235 7469 / 7456  
e\_arunbabu@yahoo.co.in /  
ramjivaidhya@hotmail.com

**(The scanned copy of filled application must be sent through email /post on or before the last date)**

## SEVEN DAYS FDTP ON APPLIED HYDRAULIC ENGINEERING

(CE 6403)

06 – 13, December, 2017

## REGISTRATION FORM

1. Name :

2. Age & DOB :

3. Designation:

4. Qualification:

5. Experience :

6. Department:

7. Institution :

8. E-mail ID :

9. Mobile Number :

Signature of the Applicant

## SPONSORSHIP

Mr. /Ms./Dr. \_\_\_\_\_ is a Faculty of our Institute and is hereby sponsored for the above FDTP. He/ She will be permitted to attend the programme, if selected.

Signature & Seal of the Sponsoring Authority