

# Government College of Engineering Aurangabad (Maharashtra State), India

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in association with

**Indian Water Resources Society and Indian Society for  
Hydraulics (Aurangabad Local Centre) organizing**



**ONE WEEK TEQIP - SHORT TERM TRAINING PROGRAMME**

*Sponsored by - Technical Education Quality Improvement Programme (TEQIP Phase III)*



## **Advanced Technologies in Water Resources Management (ATWARM-2020)** **23-27 November, 2020**



**Department of Civil Engineering**

### **PATRONS**

**Dr. Abhay Wagh**

*Director, Directorate of Technical  
Education, Maharashtra State*

**Prof. Mahesh Shivankar**

*Joint Director, Technical Education  
Regional Office, Aurangabad*

**Dr. P.B. Murnal**

*Principal, GEC Aurangabad*

**Dr. N.R. Bhasme**

*TEQIP Coordinator*

### **CONVENER**

**Dr. R.V. Shetkar**

*Head, Dept. of Civil Engineering*

### **COORDINATOR**

**Dr. D.G. Regulwar**

*Professor of Civil Engineering*

### **CO-COORDINATOR**

**Dr. G.K. Patil**

### **ORGANISING COMMITTEE**

Dr. U.J. Kahalekar

Dr. R.M. Damgir

Dr. Mrs. S.S. Koranne

Registration Link (or scan QR Code)

<https://forms.gle/T3xWgr6UBHRgAMfm9>

Optimization algorithms are becoming popular in engineering design activities. They are extensively used in those engineering design problems where the emphasis is on maximizing or minimizing a certain goal. Many modeling tools and techniques such as Fuzzy Logic, Genetic Algorithm, ANN etc have been used by researchers and experts for planning, development and management of resources. The basic aim of the proposed short term training programme is to make participants aware of the Advanced Technologies in Water Resources Management.

### **COURSE CONTENTS**

- Artificial Neural Network, Fuzzy Logic and Genetic Algorithm
- Climate Change studies
- Remote Sensing and Geographical Information System, etc
- Applications of above techniques

Experts from different specializations will be delivering lectures in various sessions.

### **ELIGIBILITY**

- Faculty members from AICTE approved Engineering colleges, Pharmacy colleges and Polytechnics are eligible to attend the TEQIP-Short Term Training Program.

### **COORDINATOR**

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**¥ No Registration Fee for faculty from AICTE Approved Institutes ¥**