REGISTRATION FORM

Name: _____

Class:_____

Organization Address:_____

Address for communication:_____

Mobile/Tel:_____

E-mail:_____

Educational Qualification: _____

Experience:_____

Registration Fee: Rs._____

D.D.No._____Dated:_____

Drawee Bank:_____

Signature of Applicant

Sponsorship and signature of Head of the Institute (with date and seal)
(Photocopies of registration form are acceptable)

Patrons

Dr. S. K. Mahajan
(Chief Coordinator, SPFU)
Director, Directorate of Technical Education, Maharashtra State, Mumbai

Prof. Mahesh Shivankar
Joint Director, Technical Education Regional Office, Aurangabad

Dr. P. S. Adwani
Principal, Govt. College of Engineering, Aurangabad

Dr. Archana Thosar
TEQIP Coordinator

Convener
Dr. K.A.Patil
Head, Dept. of Civil Engineering

Coordinator
Dr. D. G. Regulwar
Associate Professor and Dean (R&D)
Department of Civil Engineering

ORGANISING COMMITTEE

Dr. U.J.Kahalekar
Dr. R. V. Shetkar
Dr. R.M.Damgir
Prof. G.K.Patil
Dr. P.A.Sadgir
Prof. Mrs. S.S.Koranne
Prof. Ms. Pallavi D. Alte
Prof. M Bilal Haji

ONE WEEK TEQIP - SHORT TERM TRAINING PROGRAMME

On

Soft Computing Techniques in Engineering Applications

(SOCTEA-2017)
15-19 February, 2017

Sponsored by
Technical Education Quality Improvement Programme (TEQIP Phase II)

Coordinator

Dr. D. G. Regulwar

Department of Civil Engineering
Government College of Engineering
Aurangabad - 431 005
Maharashtra State, India
(An Autonomous Institute of Govt. of Maharashtra)
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"In Pursuit of Global Competitiveness"

INTRODUCTION

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 Genetic Algorithm, Artificial Neural Network, Fuzzy Logic, Differential Evolution, Particle Swarm Optimization, Ant Colony Optimization 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 basics of engineering optimization methods and applications of soft computing tools. This TEQIP- short term training programme is made interdisciplinary so that the participants of all disciplines will be aware of application of soft computing tools.

DATE AND VENUE

The TEQIP- Short Term Training Programme will be held during **15-19 February, 2017** at Seminar Hall, Department of Civil Engineering, Government College of Engineering, Aurangabad.

COURSE CONTENTS

- Genetic Algorithm
- Artificial Neural Networks
- Fuzzy Logic
- Data Mining
- Differential Evolution
- Particle Swarm Optimization
- Ant Colony Optimization, *etc*

Experts from different specializations will be delivering lectures in various sessions. Each session would be followed by interactive sessions on the subject matter.

ELIGIBILITY

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

REGISTRATION

Candidates should complete the enclosed registration form, and send it by mail/by post to the Coordinator. Confirmation of eligible candidates will be on a first come first served basis up to a maximum of 50 candidates (Approx.). The completed registration forms should be received by the Coordinator by February 05, 2017. The selection of the participants for the TEQIP-STTP will be communicated by e-mail immediately after receipt of registration form and DD.

REGISTRATION FEE

Faculty Participants	: Rs. **4000/-**
Industry Participants	: Rs.**5000/-**
Student Participants	: Rs.**2000/-**

Traveling, Lodging, boarding and other expenses will have to be borne by the candidates. Accommodation will have to be managed by the participants only. However, the guidance will be provided for accommodation. All the payments shall be made by Demand Draft in favour of **Principal, Govt. College of Engineering, Aurangabad** payable at Aurangabad.

FACULTY

The teaching faculty constitutes experts from various engineering disciplines of our institute, IIT's, NIT's and Government/Private Engineering Colleges.

LECTURE NOTES

To fully realize the objectives of the course, the lecture notes will be made available at the time of registration in CD form.

ABOUT AURANGABAD

Aurangabad is a historic, holy, and a place for tourism in Marathwada region of Maharashtra State. Lord Ghrishneshwar temple, Bhadra Maruti, Saint Eknath Maharaj temple, Daulatabad Fort, Biwi-ka-Makbara, world famous Ajanta and Ellora caves are in close proximity. The city is well connected by roads, rails and air route.

ADDRESS FOR CORRESPONDANCE

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