

## ADVISORY COMMITTEE & EXPERTS

- Professor Y. V. Joshi, Director
- Professor R. S. Holambe, Dean (Academics)
- Professor B. M. Patre, Dean (Finance)
- Professor V. B. Tungikar, Dean (Procurement)
- Prof. R. R. Manthalkar, Dean (R&D) and Coordinator (QIP)
- Prof. Prakash Nalwade, Dean (IT)
- Professor L.G. Patil, Head, Civil Engineering
- Professor P.B.Ullagaddi
- Professor P.D. Dahe
- Professor P. B. Londhe
- Dr. N.H. Kulkarni, Associate Professor
- Professor B. M. Dabade, Department of Production Engineering.
- Professor U. V. Kulkarni, Department of Computer Science Engineering.

## SPEAKERS

Renowned speakers in domain of Systems Engineering, Operations Research and Optimization from reputed organizations, Industry and SGGSI&T, Nanded.

## IMPORTANT DATES

- Last date of Registration along with DD:  
03 February, 2020



## COURSE OBJECTIVES

- To develop interaction between academic institution, industry and researchers.
- To train the manpower in the basic concepts of analytical techniques and their applicability.
- To assist in framing the solution approach for industrial problems and research applications

**Course Content:** This course covers following topics: Concepts of modeling, Optimization techniques including LP, Dynamic programming and Parameter optimization, Simulation, Neural networks, Fuzzy analysis, Evolutionary computation including Genetic algorithms, Economic analysis and related applications from various disciplines. An interactive session is planned to sort out issues related to formulation of problems and the applicability of various techniques.

## FACULTY COORDINATORS

- Professor M.L. Waikar, Course Coordinator  
Professor, Civil Engineering  
Mob: +91- 9881524442  
Email: [mlwaikar@sggs.ac.in](mailto:mlwaikar@sggs.ac.in)
- Dr. P.D. Dahe, Course Coordinator  
Professor, Civil Engineering  
Mob: +91- 9420417549  
Email: [pddahe@gmail.com](mailto:pddahe@gmail.com)

| For Registration,<br>Contact Persons-   | For Accommodation,<br>Contact Persons-   |
|---|--|
| 1) Mr.A.P.Nilawar<br>(9890318979)   | 1) Mr. A.H. Shrigondekar<br>(9130590438) |
| For sending nominations or for any information with regard to this Program, please contact:<br>Dr. P.D. Dahe, Course Coordinator<br>Mob: +91- 9420417549<br>Email: <a href="mailto:pddahe@gmail.com">pddahe@gmail.com</a> |  |



## AICTE-QIP SHORT TERM COURSE

One week STTP

on

## Analytical Techniques for Applied Research

(An Interdisciplinary Program)

February 16-20, 2020

## PATRONS

**Dr. Abhay Wagh**

Director,

Directorate of Technical Education  
(DTE), M.S., Mumbai

**Dr. M. D. Shivankar**

Joint Director,

Regional Office,  
Technical Education,  
Aurangabad

**Prof. Y. V. Joshi**

Director,

SGGS IE &T, Nanded

**Prof. R. R. Manthalkar**

QIP Coordinator

**Organized by**

Office of

**Quality Improvement Program**

**Shri Guru Gobind Singhji Institute of  
Engineering and Technology, Vishnupuri,  
Nanded-431606 (MS)**

Contact: Dr. P.D. Dahe, Course Coordinator

Mob: +91- 9420417549

Email: [pddahe@gmail.com](mailto:pddahe@gmail.com)

## ABOUT SGGSI&T, Nanded

Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded was established on 17<sup>th</sup> December 1981. The Institute has autonomous status and is cent percent aided by the Government of Maharashtra. The Institute offers 10 undergraduate (sanctioned intake 610) and 10 postgraduate (Sanctioned intake 196) programs. It also offers Ph.D. program under Swami Ramanand Teerth Marathwada University, Nanded and is also selected as Research Center for faculty under QIP scheme of Ministry of HRD, Government of India, New Delhi. Started in the year 1984, the department currently offers B.Tech. (Civil Engineering) program (intake 60) and two M.Tech. programmes with specializations in Structural Engineering and Water Management (intake of 18 each).

## ABOUT DEPARTMENT

The department is functioning with the vision of developing a knowledge nerve centre in civil engineering education. The department has well equipped laboratories and the faculty is actively engaged in R&D activities and provide high quality technical advisory support through consultancy. Department has also to its credit an International Conference organized in January, 2017. Department conducts short term courses regularly

## ABOUT FDP

### Introduction

Real life problems are usually complex to solve because of multifaceted nature, large size, element of uncertainty and changes with respect to time and space. Moreover, they may have more than one solution to choose from. Such situations frequently arise in scientific applications and research which invite the use of techniques capable of handling real life situations. Many analytical tools of optimization, simulation, neural networks, fuzzy analysis and genetic algorithms are required for carrying out research and similar studies in engineering and technology. These techniques are useful in the industry for optimum

use of resources, manpower planning and as an aid to six-sigma applications. The course is of **interdisciplinary** nature and aims to equip the participants with the concepts of techniques and their applicability in various disciplines, through interaction with experts in this field.

**ELIGIBILITY:** Faculty of AICTE recognized Engineering Colleges & Polytechnics.

## TRANSPORT, BOARDING & LODGING

Participants are entitled for bus/Sleeper class/3AC railway fare to and fro by the shortest route from participant's Institute to SGGSI&T, Vishnupuri, Nanded. Outstation participants will be provided free of cost boarding and lodging in the institute hostel (Sharing). Since accommodation is limited, family members of participants cannot be accommodated.

## REGISTRATION

There is no registration fee for the course. All interested candidates are required to enclose a Demand Draft (Only DD acceptable) of Rs.1000/-in the name of "Director, SGGSI&T, Vishnupuri, Nanded, which will be refunded to the not selected candidates and to the selected participant only if he or she attends the full course. In case the selected participant fails to attend the full course, the above amount will be forfeited and no certificate shall be given. The candidate should complete the enclosed registration form and send by post or courier to the coordinator along with the DD. Confirmation of eligible candidates will be on first come first serve basis up to a maximum of 20 candidates. The completed registration forms along with the Demand Draft should reach to the coordinator on or before 03 February, 2020.

**Note: Incomplete application forms will not be considered, and no communication will be sent. Participants are requested join course only after receipt of selection letter or email.**



## AICTE-QIP SHORT TERM COURSE Analytical Techniques for Applied Research (An Interdisciplinary Program)

February 16-20, 2020

### Registration form

Name: (in capitals) (Mr. /Mrs. /Ms.):

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Designation: .....

Qualification: .....

Organization/Institute/University: .....

.....

Postal Address: .....

.....

Mobile: .....

Email ID: .....

Accommodation Required (Yes/No): .....

Demand Draft No: .....

Signature of Candidate: .....

Signature and Seal of Sponsoring Authority  
Completed form with DD may be sent to:

### Mailing Address:

Dr. P.D. Dahe, Course Coordinator and Professor,  
Civil Engineering

Mob: +91- 9420417549

Email: [pddahe@gmail.com](mailto:pddahe@gmail.com)