

#### Patron :

- Dr. R. P. Singh, Principal

#### Convenor :

- Prof. Mukesh Singh, Dean R. & D. (99706 33998)

#### Co-ordinator :

- Prof. G. A. Kulkarni, H.O.D., ECE (99700 52498)
- Prof. A. P. Chaudhari, H.O.D., EE (9766629110)
- Prof. D. D. Patil, H.O.D., CSE (9561294444)

#### How to Reach

Bhusawal is one of the most important Central Railway junction in Maharashtra state. The college is situated barely 5 kms, from Bhusawal railway station & Bus Stand. It is situated approximately equidistant of about 425 kms; from Mumbai, Nagpur, Bhopal & 160 kms from Aurangabad. Nearest airport to Bhusawal is Aurangabad & Mumbai. Auto Rickshaws, Taxis & the institute's own fleet of vehicles and buses fly regularly to the institute from opposite of railway station or Yawal square.

#### Contact Address

Convenor,  
Recent Trends in Optimization & its Applications  
in Engineering,  
**Shri Sant Gadge Baba College of Engg. & Tech.,**  
Z.T.C., Bhusawal, 425203.  
Dist.- Jalgaon, Maharashtra.  
Ph. No. (02582) 224364, 221719, 221720  
Email id: mukesh.sitesh@gmail.com  
girish227252@rediffmail.com

#### Important Date

- Last date of receiving the application is 31/03/2013.
- Confirmation of selection to STTP shall be conveyed on 05/04/2013 through mail.

#### Eligibility

- Academicians from Electrical, Electronics & Computer Science & Engineering department.
- Post graduate students.

#### How to Apply

Interested candidate should download registration form from institute website [www.ssgbcoet.com](http://www.ssgbcoet.com) & send complete registration form along with DD of registration fees Rs. 2000/- in favour of "Principal, SSGBCOET", payable at Bhusawal. Also attach a soft copy of registration form & demand draft at [mukesh.sitesh@gmail.com](mailto:mukesh.sitesh@gmail.com).

#### Note

- TA/DA will not be paid to the participants.
- Incomplete applications will be rejected.

#### Boarding & Lodging

Boarding and lodging for the participants will be arranged in SSGBCOET hostels if they so desire. However, lodging can also be arranged in nearby hotel on self payment basis (approximate charges ranges from Rs. 400/- to Rs. 1000/-)



## One Week Short Term Training Program on " RECENT TRENDS IN OPTIMIZATION & ITS APPLICATION IN ENGINEERING "

15<sup>th</sup> - 20<sup>th</sup> April, 2013



Organized by -  
Department of Electrical Engineering,  
Department of Electronics & Comm. Engineering,  
Department of Computer Science & Engineering.

**SHRI SANT GADGE BABA  
COLLEGE OF ENGINEERING & TECHNOLOGY,  
BHUSAWAL, MAHARASHTRA (INDIA)**

**NBA ACCREDITED COURSES, NEW DELHI**

AN ISO 9001-2008 CERTIFIED INSTITUTE

Approved by AICTE, New Delhi;

Affiliated to North Maharashtra University, Jalgaon



## About us

Hindi Seva Mandal is a well-established education society in the field of technical & non technical education with 21 institutions delivering primary to PG education in the cosmopolitan city of Bhusawal. It has gained the status of an institute dedicated to spreading quality education among the student community and to conduct cutting-edge research that can make a positive change in the lives of the citizens.

**Shri Sant Gadge Baba College of Engineering & Technology**, is among few reputed engineering college in Maharashtra which received NBA Accreditation. The institute offers UG & PG programs in five Engineering courses. The institute's serene atmosphere, infrastructure that keeps abreast of global standards, excellent academic facilities, and outstanding residential environment richly add to the perfect ambience for studies and thereby help us achieve the exacting standards of academic excellence. To accomplish humility, simplicity & personality, we offer numerous personality development programmes, discourses on spirituality, lectures on extra and co-curricular activities.

## Organized by

**Electrical Engineering** department runs under graduate programmes and post-graduate programmes to cater to the ever challenging needs of technical excellence in all areas of electrical engineering such as Smart Grid, Electromagnetism, Control System, Signal Processing, Power systems & Power electronics.

**Electronics & Communication Engineering** department has always been on a high growth path and has experienced and dedicated faculty with a strong commitment to engineering education. The Department offers & carries out projects in the

conventional & relevant thrust area of technology. The department has full fledged laboratories to meet the requirements of university curriculum. The department offers consultancy services to meet the industrial needs in testing & calibration.

**Computer Science & Engineering** department is enriched with laboratories of de facto standards. Here, students are provided with various professional and value-added courses and certification from various recognized institutes at the doorstep of the department. In addition, the department has been playing a pioneer role in producing scientists and technologists of highest caliber.

## Objective of STTP

- To promote the application of optimization methods in the general area of engineering.
- Identify and present current research and knowledge in optimization in engineering fields.
- Develop arena for network building among managers, academicians and researchers.
- Provide guidance for future research in optimization field.

## Course Content

- Introduction to optimization
- Genetic Algorithm
- Constraint handling
- Engineering case studies
- Optimization of noisy function
- Soft Computing
- Methods of simulation
- Post optimal analysis
- Particle Swarm
- Project work

## Faculty

The Faculty for the course will be drawn from IIT's, IISc Bangalore. The confirmed list of faculties are below,

1. Prof. Sukumar Mishra, FNAE, FIET IIT Delhi
2. Dr. B. K. Panigrahi, Associate Prof., IIT Delhi.
3. Dr. Vishnu Narayanan, IEOR, IIT Bombay

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Short Term Training Program  
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**"Recent Trends in Optimization & its Applications in Engineering"**

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## Registration Form

Name: .....

Date of Birth: .....

Qualification: .....

Designation: .....

Experience: .....

Name of Institute: .....

Address: .....

Phone No: ..... Cell: .....

Email: .....

Accommodation Required : Yes  / No

If Yes  Hostel

Hotel of Rs. ....

Place : .....

Date : ..... Signature

Signature of supporting authority

College Seal.