

**National Conference on  
Mathematical Modelling and its  
Applications in Engineering and Science**

**NCMMAES - 2017**

03-04 February 2017

**REGISTRATION FORM**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization Address: \_\_\_\_\_

Mobile/ Tel: \_\_\_\_\_

E-mail: \_\_\_\_\_

Mode of Participation: Paper Presentation ☐

Poster presentation ☐ Only participation ☐

(Please Tick appropriate box)

Title of the paper  
\_\_\_\_\_

Do you want to submit full paper for publication in  
Edited and Reviewed Journal with ISBN? Yes / No

Accommodation required- Yes / No

Registration Fee: Rs. \_\_\_\_\_

D.D. No. \_\_\_\_\_ Date: \_\_\_\_\_

Drawee Bank: \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

**Patrons**

**Dr. S. K. Mahajan**

(Chief Coordinator, SPFU)  
Director, Directorate of Technical Education  
Maharashtra State, Mumbai

**Dr. Kiran Patil**

(State Projecty advisor, SPFU)  
Dy. Secretary  
Higher and Technical Education,  
Mantralaya, Mumbai

**Dr. D. R. Nandanwar**

Joint Director, Technical Education  
Regional Office, Pune

**Dr. P. M. Khodke**

Principal,  
Govt. College of Engineering, Karad

**Chairman**

**Dr. Vishwambhar S. Patil**

Head, Dept. of Mathematics  
Govt. College of Engineering, Karad

**Convener**

**Mr. S. M. Shinde**

**Organizing Secretary**

**Dr. K.N. Alasundkar**

**For any Query, please contact us**

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**National Conference on  
Mathematical Modelling and its  
Applications in  
Engineering and Science**

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**Organized by**

**Department of Mathematics**  
**Government College of Engineering, Karad**  
(Autonomous Institute of Govt. of Maharashtra)  
Karad – 415124 Maharashtra, India

**Sponsored by**

**Technical Education Quality  
Improvement Programme**  
(TEQIP Phase-II)



## Introduction

Govt. College of Engineering, Karad is a premier institute in Western Maharashtra established in 1960 due to the efforts of Late Shri. Yashwantrao Chavan. The College is Autonomous and accredited by NBA and affiliated to Shivaji University, Kolhapur and become a vital educational hub over the years. The institute offers 5 UG programs in Civil, Mechanical, Electrical, Information Technology and Electronics & Telecommunication Engineering and 6 PG programs in Civil (CM & Structural Engg.), Mechanical (Heat Engg. & Production Engg.), Electrical Engineering (Power Systems) and Master of Computer Applications (MCA). Amongst the sixteen institutes from the state of Maharashtra, Govt. College of Engineering, Karad is selected for participation in the second phase of Technical Education Quality Improvement Program (An ambitious project of Government of India.) The institute is spread over 40 acres of serene and green campus and is a predominantly a residential campus. Karad city is situated on the confluence of rivers Krishna and Koyna and is well connected by rail and road (NH 4). The city is about 160 Km from Pune.

## About the Department

The Department of Mathematics is committed to excellence in teaching. The department offers graduate courses in Mathematics. To meet the requirement of these courses the department has set up a modern computer lab with all latest softwares. The faculty members of the department are actively participating in research and development activities. The thrust area of research includes Non-linear Partial Differential Equations, Magneto-hydrodynamics of Non-Newtonian Fluids, Similarity Analysis and Numerical Analysis. The department strives to provide excellent teaching, encourage interdisciplinary research and service to students and teaching community in the application of Mathematics to other disciplines.

## Theme

The main objective of this conference is to provide a common platform to Academicians, researchers and industrial professionals to interact, deliberate, disseminate ideas and having sharing of knowledge. The conference will contribute to the development of mathematical sciences and their applications to Engineering and Science.

## The research papers are invited on the following research areas.

- Numerical Analysis
- Fluid Dynamics and Solid Mechanics
- Heat and Mass Transfer
- Mathematical Physics/ Biology
- Group Theory and Lie Algebra
- Mathematical Computational Techniques
- MHD of non-Newtonian Fluids
- Differential Equations
- Modeling and Simulations
- Linear algebra and its application
- Fuzzy Logic, Discrete Mathematics, Relativity
- Optimization Techniques, Statistics, Stochastic models and queuing theory

### ■ Best paper award

Related to the theme of Conference one paper will be consider for best paper award.

### ■ Submission guidelines

Researchers, academician and professionals interested to present a paper at technical session are invited to submit an informative abstract in MSWord of about 250 words along with maximum five keywords. Soft copies of abstract and full length original research paper in specified template should be sent to [ncmmaes2017@gcekarad.ac.in](mailto:ncmmaes2017@gcekarad.ac.in)

### ■ Publishing benefits

All papers submitted to the conference will be peer reviewed by the reviewers appointed by the program committee. Selected quality papers will be published through a refereed international journal.

### ■ Important Dates

Abstract submission:	January 14, 2017
Intimation of Acceptance:	January 15, 2017
Full paper submission:	January 21, 2017
Last Date of Registration	January 21, 2017

### ■ Delegate Fee

Registration fee covers conference material, proceedings CD and Conference attendance certificate.

Industry	₹ 3000
Academicians and Teachers	₹ 2000
Student	₹ 1500

Delegates are requested to send their registration form along with registration fees by Demand Draft in favor of "The Principal, GCE, Karad" on or before January 21, 2017.

## Accommodations

Accommodations can be arranged at College Guest House and Hostels at nominal charges. Hotel accommodations can be made available for interested delegates on their request.

## National advisory committee

Prof. Kaushik Bal	I.I.T., Kanpur
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