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Travel and Accommodation

Travel and accommodation expenses will have to be borne by the participants themselves or their sponsoring organizations. Limited accommodation may be provided in the university guest house on payment basis. Prior information for requirement of accommodation should be intimated by 3rd February 2012.

Site Seeing

The local site seeing (Puri, Konark, Bhubaneswar) on 20th February 2012 can be arranged on payment basis.

Registration Fees

Delegate Category	Fees(₹)
Person from R & D Organization & Industry (for three delegates)	₹10000
Academia	₹1500
Research Scholar	₹1000

The registration fee may be paid by crossed demand draft on any nationalized bank drawn in favour of "KIIT University" payable at Bhubaneswar.

Addresses for Correspondence

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National Conference

on

Advances in Simulation & Optimization Techniques in Mechanical Engineering

(NASOME -2012)

18th & 19th February, 2012



Organized by

School of Mechanical Engineering
KIIT UNIVERSITY

Bhubaneswar



Introduction

The topics for this National Conference are selected to focus on engineering design theories and methodologies, simulation and engineering optimization, manufacturing systems modeling and optimization. NASOME-2012 aims to provide common platform to academicians, industrialist, research scholars to exchange their expertise and knowledge.

In this era most of the problems are initially simulated for the following reasons: the real system cannot be engaged, because it may not be accessible, or it may be dangerous or unacceptable to engage; it is being designed but not yet built; or it may simply not exist. Different parameters can be varied to obtain different solutions and optimization techniques are to be employed for the optimum. In this context, the synchronization of simulation and optimization techniques is highly needed.

NASOME-2012 invites contributions on all relevant topics related to advances in simulation and optimization, methods and applications basically in the field of mechanical engineering such as:

Topic 1:Simulation and Engineering Optimization

- Device simulation and modeling
- Finite and boundary element techniques
- Engineering analysis and simulations
- Modeling and Simulation Methodologies
- Mathematical and Numerical methods in simulation
- Object-oriented simulation
- Real-time modeling and simulation
- Simulation Application in Industry
- Simulation, Experimental Science and Engineering
- Conventional optimization methods
- Modern optimization methods
- Multi-objective optimization

Topic 2:Mechanical Systems Design and Optimization

- Industrial Engineering
- Manufacturing Systems & Processes
- Production Engineering
- Automobiles
- Machine Design
- Heat and Mass Transfer
- Refrigeration & Air-conditioning
- Fluid Dynamics
- Materials and Metallurgy
- Mechatronic Systems

About KIIT University

KIIT University is one of the fastest growing universities in India offering undergraduate, postgraduate and doctoral programs in the disciplines of engineering, biological sciences, management sciences, law, computer science, social sciences, medical and dental sciences, etc. The campus, spread over 25sq. kms of beautifully landscaped area, provides state of the art library, residential, and recreational facilities to the students. School of Mechanical Engineering, one of the constituent schools of the University is a vibrant hub of postgraduate teaching and research in frontier areas of Mechanical Engineering. Detailed information about KIIT University can be obtained from the **website <http://www.kiit.ac.in>**

About Bhubaneswar

Bhubaneswar is the capital and the largest city of the Indian state of Odisha. Bhubaneswar is often referred to as a Temple City of India. Bhubaneswar, the largest city of Odisha today is a center of economic and religious importance in the region. Together with Puri and Konark, Bhubaneswar forms the 'Swarna Tribhuj' (the 'Golden Triangle'), one of the most visited destinations in East India. The climate of Bhubaneswar during February is pleasant with temperature varying between 25^oC and 30^oC. The weather usually remains dry. The city of Bhubaneswar is well connected by rail and airlines. Biju Pattanaik Airport is about 5 km from the heart of the city.

Call for Papers

Paper based on the original work of the author(s) should not exceed 6 to 7 A4 size pages in Length.

Margins: Top = 15mm ; Bottom = 15mm ; Left =25m; Right = 15mm

Paper must be in two-column format with space of 5mm between columns.

Title: Times New Roman 14 pt font, bold, all caps and centered

Headings: Times New Roman 12 pt font, bold, all caps and centered

Text of paper: Times New Roman 12 pt font and justified to occupy the full line width with Single line spacing.

Page numbers at bottom center, 10 pt.

The mode of presentation should be in third person.

Electronic form should include figures in .jpeg format inserted at appropriate places in accordance with the appearance in the hard copy.

Authors are requested to submit the full paper to the Convener.

NOTE: All accepted papers will be published in the conference proceedings

Important Dates

Submission of Full Paper	27th January, 2012
Acceptance of Paper	1st February, 2012
Last Date for Registration	11th February, 2012

Registration Form

National Conference

on

Advances in Simulation & Optimization Techniques in Mechanical Engineering (NASOME -2012)

18th & 19th February, 2012

Title of Paper-----

Name-----

Affiliation-----

Contact Address-----

E-mail-----Mobile-----

Details of Registration Fee: DD No:-----

Date:-----Amount (₹):-----

Drawn on: -----

I intend to present a paper in the conference: Yes / No.

I intend to participate in the conference: Yes / No

Date :

Place:

Signature