

# NATIONAL CONFERENCE ON EMERGING TREND & ITS APPLICATION IN ENGINEERING

(NCETAE 2011)

26-28 December 2011

Sponsored by  
AICTE, New Delhi  
&

INDIRA GANDHI INSTITUTE OF TECHNOLOGY SARANG-759 146  
(An Autonomous Institution of Govt. of Odisha)  
DIST.- Dhenkanal, Odisha, India

Organized by

Department of Mechanical Engineering, IGIT, SARANG.



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Director, IGIT Sarang

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Asst. Professor & Head,  
ECE, IGIT Sarang  
**Dr.(Mrs.) Pranati Das,**  
Asst. Professor, EE, IGIT Sarang

## KEYNOTE SPEAKERS

**Dr. A. Mishra,**  
Director, IGIT Sarang  
**Dr. B.B. Biswal,**  
Professor NIT Rourkela  
**Dr. A. R. Mohanty,**  
Professor, IIT Kharagpur  
**Dr. G.K. Nayak,**  
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**Dr. M.K. Das ,**  
IIT Bhubaneswar

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**Prof. Rabindra Behera**  
**Prof. Sandeep Kumar Sahu**  
**Prof. Janmejaya Rout**  
**Prof. Dillip Ku. Swain**  
**Prof. D.P.Pani**

## OBJECTIVE OF THE CONFERENCE

To unveil the recent developments in different technological fields like Mechanical, Electrical, Computer & Electronics, Communication, Material Science, Civil, Chemical Engg. etc. and to provide a common platform for scientists, researchers and engineers from academia and industries of the nation to interact among themselves for exchange of innovative ideas and views for enhancing mutual co-operation and dissemination of knowledge in different frontier areas of research for benefit of mankind in general and Indian nation in particular.

## CALL FOR PAPERS

Papers should describe original work, and be of around 3 (but not more than 5) double-column pages in IEEE format. A concise and representative abstract should be included. Manuscripts should be submitted to [contact@ncetae.in](mailto:contact@ncetae.in) with a copy to [bbcigit@gmail.com](mailto:bbcigit@gmail.com).

Paper format template and copyright form and Registration form is available at: [www.ncetae.in](http://www.ncetae.in) or <http://www.igitsarang.ac.in>.

## TOPICS OF THE CONFERENCE

Papers are invited but not limited to the following areas:

- \* Robotics
- \* Optimization Techniques and Applications
- \* Mechatronics
- \* Communication Systems and Information Theory
- \* Image Processing
- \* Nano Technology
- \* Knowledge Management
- \* Artificial Intelligence
- \* Soft Computing
- \* Simulation
- \* High Performance Computing and Networking
- \* Distributed Software Systems and Applications
- \* Application of Finite Elements in Engg.
- \* Software Design Tools and Techniques
- \* Advance Engg. Material & Processing Technology
- \* Biomedical Engg.

## ABOUT THE INSTITUTION

Indira Gandhi Institute of Technology (IGIT), Sarang is a premier institute of higher learning in India and is known for its excellence in teaching and research established in 1982. It enjoys the status of an autonomous Institution of Govt. of Odisha, and committed for creation, achieving and dissemination of knowledge in Engineering, Science and Technology for service to humanity. IGIT offers PG, UG and Diploma programs in Engineering and Science. The Institution is located at Sarang, beside river Brahmani, about 8 kms from Talcher and 120 kms. from Bhubaneswar and well communicated by Bus and Train. The weather is cool and pleasant at IGIT during December and stay will be very much enjoyable during the period.

## PUBLICATIONS

All accepted and presented papers will be included in the Conference Proceedings. Some Selected papers will be published in the following journals.

- \* International Journal of Computer Science & Management Systems.
- \* International Journal of Knowledge Management & e-Learning.
- \* International Journal of Computer Science Software Engineering and Electrical Communication Engineering

## REGISTRATION DETAILS

Registration can be done by submitting the registration proforma available in website.

Fee details are as follows:

Delegates from Academic/ Institutions	₹.2000 / -
Delegates from Industry	₹.3000 / -
Student delegates / Research Scholars	₹.1500 / -

## IMPORTANT DATES:

Full Paper Submission:  
**25 Oct. 2011 (.pdf or .doc)**  
Notification of Acceptance:  
**10 Nov. 2011**  
Final Paper Submission:  
**20 Nov. 2011(.doc)**  
Last Date of Registration:  
**20 Nov. 2011**

## ADDRESS FOR CORRESPONDENCE

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Registration fee is to be submitted through DD / Online Transfer in favor of Coordinator, NCETAE payable at SBI IGIT, Sarang branch. on or before last date of registration. Registration fees include Registration Kit, Conference Lunch .

## ACCOMMODATION

Accommodation for the Conference Delegates will be arranged at various local hotels on payment basis. Hotel Accommodation tariff in Talcher is around ₹. 500/- to ₹.1500/- perday.