

One Week Short Term Course on Recent Trends in Advance Materials, Mechanical Design And Its Application

(RTAMMDA-2017)

27th- 31st March-2017

Organised By

Department Of Mechanical Engineering

Indira Gandhi Institute Of

Technology, Sarang-759146

(An NBA Accredited Autonomous Institution Of Govt. Of Odisha)

Dhenkanal, Odisha, India

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Dr. L.N. Tripathy, Asso. Professor, EE, IGIT Sarang,

Dr. S. Sethi, CSE, IGIT Sarang.

Mr. S. Prusty, Civil Engg, IGIT Sarang

OBJECTIVE

The highlight of the short term course is to provide a platform and opportunity to discuss the recent trends in the field of advance materials and designs with a larger objective of furthering individual, collective research and developmental activity in technical institutions and organizations. The course will be beneficial for developing innovative skills for the Mechanical design and its applications. The main objective of this programme is to provide a platform to upgrade hands on training so as to be aware of practicality and to bring in good rapport between the resource persons and participants and to enhance knowledge based training.

COURSE MATERIALS

Each registered participant will be provided with a set of comprehensive lecture notes.

ELIGIBILITY

Faculty members, Research Scholars, Researchers from R&D Organizations involved in the field, Participants from Industries and students of technical institutions are eligible to participate.

COURSE CONTENTS

Composites- Bio composites, Smart Materials and

Nano Composites

Materials for coatings

Materials for Sensors etc .

Applications OF FEM

Vibration analyses and its Applications

Noise and Vibration analyses.

Fluid structure interaction

Robotics

Optimizations In Design

Soft computing in Design

Design of crash energy mgnt. Systems.



About the Institution

Indira Gandhi Institute of Technology (IGIT), Sarang was established in 1982. IGIT Sarang offers Ph.D, PG, UG and Diploma programs in Engineering and Science. All the programmes were accredited in the year 2016 by the National Board of Accreditation of AICTE. Each department conducts annually at least one Conference / Workshop for effective dissemination of state-of-art technologies and research findings for the benefit of teaching faculty and industries. The institute is extremely proud of its alumni, a considerable number of them being entrepreneurs or senior executives in industries both within India and abroad. The institution is located at Sarang, at the bank of river Brahmani, about 8 kms from Talcher and 120 kms from Bhubaneswar and is well communicated by bus and train. The climate is good and amusing at IGIT during March. The stay will be very much pleasant during this period.

Website: www.igitsarang.ac.in

About the Department

The Department of Mechanical Engineering has all the infrastructural facilities required for imparting high quality education and is planned to meet the present day needs of the society. The department is well equipped with excellent laboratories provided with state-of-art equipment and experimental facilities. It has also highly qualified and experienced faculty members.

SPEAKERS

Dr. A. Mishra, Professor, IGIT Sarang)

Dr. S. K. Dwivedy, Professor, IIT Guwahati

Dr. Satyanarayan Panigrahi, Professor, IIT Bhubaneswar

Dr. B. D. Sahoo, Professor & Head, ME, IGIT Sarang

Dr. S. K. Senapati, Professor, ME, IGIT Sarang

Dr. S. C. Patnaik, Prof. & Head, MME, IGIT Sarang

Mr. Subhransu Mohapatra (Staff Scientist), SABIC Research and Technology Pvt. Ltd., Bangalore)

The course lectures will be delivered by eminent faculty members from IITs, NITs and eminent faculties of IGIT, Sarang.

Registration Details

Registration form is available at: www.igitsarang.ac.in. The same may be downloaded, filled up and forwarded to the Coordinator, RTAMMDA 2017 along with the Registration fee as below.

Delegates from Academic/ Institutions : 2000 *

Student delegates / Research Scholars : 1500 *

Delegates from Industry : 5000 *,
(Accommodation Charges Extra)

All payments are to be made by a/c payee demand draft in favor of Coordinator, RTAMMDA payable at SBI IGIT Sarang (Code:10246) or Payments may be made by online transfer to the following bank account.

Bank Details:

Account Name: COORDINATOR RTAMMDA

Bank Name: State Bank of India, Branch: IGIT Sarang,

Account No:36577189470

IFS Code: SBIN0010246

(Scan copy may be forwards as advance copy)

Important Dates

Registration for RTAMMDA 2017 : 22th March, 2017

Request for Accommodation : 25th March, 2017

Communication of Programme : 25th March, 2017

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Department of Mechanical Engineering
INDIRA GANDHI INSTITUTE OF TECHNOLOGY(IGIT),
SARANG-759 146

REGISTRATION FORM

- 1.Name of Participant :
- 2.Designation :
- 3.Gender & Age :
- 4.Department & Institution :
- 5.Address for Correspondence :
- 6.Email ID :
- 7.Mobile No. : _____ Fax No. : _____
- 8.Tick the type of accommodation desired : Guest House
Hostel
Own arrangement

9.DD Details:

DD No. _____ Amount(Rs.) _____

Date _____ Bank: _____

10.Date::

Place:

Signature of Participant