



NCARIMMIEM-2016

12th & 13th December 2016 | IMPHAL, INDIA

IN ASSOCIATION WITH 

www.nitmanipur.ac.in

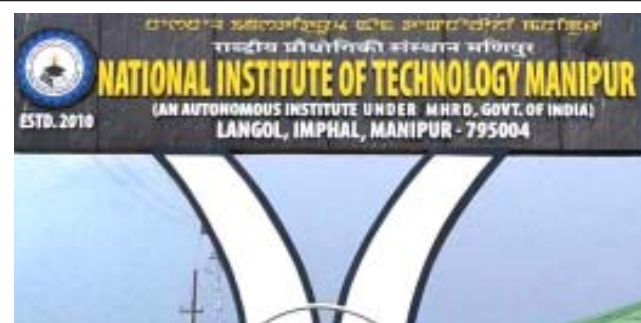
THE 1ST NATIONAL CONFERENCE ON
ADVANCES IN RESEARCH AND INNOVATIONS IN
MECHANICAL ENGINEERING, MATERIAL SCIENCE,
INDUSTRIAL ENGINEERING AND MANAGEMENT



DEPARTMENT OF MECHANICAL ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

ABOUT THE INSTITUTE

National Institute of Technology Manipur, an Autonomous Institution under MHRD, Govt. of India, is set up to impart quality technical education at various levels of higher learning. It is one of the ten new NITs established and developed as Institute of National Importance. The functioning of the institute was started at its temporary Campus at Takyelpat, Imphal in the year 2010. The Institute has started functioning from its permanent campus of 138.2 hectares in the lush green areas of Langol, Imphal. The Institute now has nine departments viz Computer Science and Engineering, Electronics and Communications Engineering, Electrical Engineering, Civil Engineering, Mechanical Engineering, Chemistry, Physics, Mathematics and Humanities & Social Sciences offering courses leading to B.Tech., M. Tech., M.Sc., and Ph.D. amongst the Departments.



ABOUT THE DEPARTMENT

The Mechanical Engineering Department, NIT Manipur was established in the year 2013 and it is presently offering B.Tech., M.Tech. and Ph.D. programmes. The department boasts of well experienced faculty and advanced laboratory facilities in various microspecialization. At present, a centre named "Collaborative Learning & Innovation Centre" have been setup in collaboration with Tata Technologies, imparting design software skills to the students. Many R&D projects are also ongoing and the department is on the verge of starting partnership with various Industries, Research oriented Organizations and other Academic Institutions.

ABOUT NCARIMMIEM-2016

The National Conference on Advances in Research and Innovations in Mechanical Engineering, Material Science, Industrial Engineering and Management (NCARIMMIEM - 2016) is a premier forum for communication on new advances and research results in the fields of Mechanical Engineering, Material Science, Industrial Engineering and Management and any other closely related fields. The conference also encourages the submission of critical review articles covering advances in recent research of such fields as well as technical notes.



CALL FOR PAPERS

The organizing committee of conference is pleased to invite prospective authors to submit their original unpublished manuscripts to NCARIMMIEM-2016. A full paper of maximum six pages, including figures and tables, of A4 size sheet, may be sent to ncarimmiem@gmail.com. All full paper submissions will be peer reviewed and evaluated on originality, technical and/or research content/depth, correctness, relevance to conference, contributions, and readability. All the selected full papers will be published in the Online proceeding Indexing - Bonfring Explorer. The best papers will be upgraded to International Journal i.e., Bonfring International Journal of Industrial Engineering and Management Science Journal. All the original unpublished manuscripts are to be strictly prepared as per the Template available in the www.nitmanipur.ac.in, for timely publication.

Scope of the conference includes all the following topics but not limited to:

MECHANICAL

Casting, Welding, Micro-Machining, Concurrent Engineering, CAD/CAM/CAE, Green Manufacturing - Design and Manufacturing, Dynamics Manufacturing, Rapid Prototyping, Reverse Engineering, Machine Learning, Applications of AI Techniques in Design and Manufacturing, Expert systems, Fuzzy logic, Genetic Algorithm, Aerospace Systems & Technology, Product Design, Machine Design Machinery, Finite Element Analysis, Biomechanics, Solid and Fracture Mechanics, Applied Mechanics and Design Automation, Industrial Tribology, Noise and Vibration analysis, Instrumentation and Control, Automation, Mechatronics, Robotics, Aerodynamics, Alternative Energy, Heat Exchangers, Energy Management, Fluid Dynamics, Heat and Mass Transfer, Internal Combustion Engines, Refrigeration & Air Conditioning, Renewable and Non Renewable Energy, Solar Thermal Systems, Energy and Exergy Analysis of Thermal Systems, Solar Heat Exchangers and Solar Cookers.

MATERIAL SCIENCE

Materials Preparation and Processing, Materials Engineering, Materials Science, Micro and Nanomaterials, Composite Materials, Forming, Powder Processing, Surface Engineering, Materials Characterization, Adhesion and Interfaces, Smart Materials and Structures, Electronic and Magnetic Materials, Corrosion, Non-Destructive Inspection Techniques, Contact Surface Mechanics and Fracture, Impact Behaviour of Materials.

INDUSTRIAL ENGINEERING AND MANAGEMENT

Advanced Operations Management, Productivity Enhancement, Decision Analysis, Eco-Friendly and Sustainable Manufacturing, Engineering Economics and Cost Analysis, Enterprise Resource Planning, Ergonomics/Human Factors Engineering, Facility Planning and Management, Industrial Marketing, Information and Communication Technology Systems, Innovations in HRD Systems, Lean, Agile and Quick Response Manufacturing, Logistics and Supply Chain Management System, Manufacturing Systems Engineering, Optimization Techniques in Industrial Engineering, Production Economics and Finance, Production Planning, Scheduling and Control, Project Management, Reliability and Maintenance Engineering, Renewable Energy and Management, Small Scale Industries and Entrepreneurship, Technology and Knowledge Management, Total Quality Management Systems.

CONTACT:

Dr. Anilkumar Birru

Convener, NCARIMMIEM - 2016

Department of Mechanical Engineering

National Institute of Technology Manipur, Langol, Imphal West, Manipur, India - 795 004

Phone: + 91- 8415911533 + 91- 9402932585

ncarimmiem@gmail.com

Copyright © 2016 National Institute of Technology Manipur, India

NATIONAL ADVISORY COMMITTEE

- Prof. Dr. Sivanandam Aravindan, IIT Delhi
- Prof. Dr. B.S. Murty, IIT Madras.
- Prof. Dr. Uday S. Dixit, IIT Guwahati.
- Prof. Dr. Pradeep Kumar, IIT Roorkee.
- Prof. Dr. D. Benny Karunakar, IIT Roorkee.
- Prof. Dr. Chacko Jacob, IIT Khargapur.
- Prof. Dr. P.S. Robi, IIT Guwahati.
- Prof. Dr. B. Ravi, IIT Bombay.
- Prof. Dr. T.S Sampath Kumar, IIT Madras.
- Prof. Dr. Rajiv Tiwari, IIT Guwahati.
- Prof. Dr. G. L. Samuel, IIT Madras.
- Prof. Dr. Mukesh Kumar Barua, IIT Roorkee
- Prof. Dr. Ravi Shankar, IIT Delhi.
- Prof. Dr. Subhasis Bhaumik, IEST, Shibpur
- Prof. Dr. R. Jayaganthan, IIT Roorkee.
- Prof. Dr. K. JhaPradeep, IIT Roorkee.
- Prof. Dr. Manish Mishra, IIT Roorkee.
- Prof. Dr. Kore Sachin D. IIT Guwahati.
- Prof. Dr. S.P. Sarmah, IIT Kharagpur.
- Prof. Dr. Cherian Samuel, IIT (BHU) Varanasi.
- Dr. Chanda Mondal, Scientist-E, DMRL-Hyderabad.
- Prof. Dr. S C Saha, NIT Agartala.
- Prof. Dr. (Miss) S L Sinha, NIT Raipur.
- Prof. Dr. Puli Ravi Kumar, NIT Warangal.
- Prof. Dr. Srinadh, NIT Warangal.
- Prof. Dr. M A Joseph, NIT Calicut.
- Prof. Dr. R. Venkat Rao, NIT, Surat.
- Prof. Dr. Apurba Layek, NIT Durgapur.
- Prof. Dr. Shibendu Shekhar Roy, NIT Durgapur.
- Prof. Dr. A. Kumar, NIT Warangal.
- Prof. Dr. Kh. Manglem Singh, NIT Manipur

CONFERENCE COMMITTEE

Mr. Ashishkumar Chauhan

Chairman, NIT Manipur (Chief Patron)
MD & CEO, Bombay Stock Exchange Ltd.

Prof. Dr. S. Birendra Singh

Director, NIT Manipur (Patron)

Mr. Huirem Neerajan Singh

NIT Manipur (Chairman)

Dr. Anil Kumar Birru

NIT Manipur (Convener)

Dr. Tikendra Nath Verma

NIT Manipur (Organizing Secretary)

Mr. Khundrakpam Nimo Singh

NIT Manipur (Organizing Secretary)

Ms. Maibam Bindya Devi

NIT Manipur (Treasurer)

Mr. Thokchom Subhaschandra Singh

NIT Manipur (Publication Incharge)

Important Dates

Submission of Camera Ready Paper	: 25 th November 2016
Intimation about acceptance	: 30 th November 2016
Early Bird Registration	: 03 rd December 2016
Late Registration	: 06 th December 2016

Registration Fee*:

Delegates	India Registration (in Rs.)			International Registration (in U.S.Dollars)		
	Early Bird	Late	Parti-cipants without paper	Early Bird	Late	Parti-cipants without paper
Student Authors	500/-	700/-	200/-	100	125	50
Research Scholars	1000/-	1500	300/-	125	150	70
Faculty/Scientists	2000/-	2500/-	500/-	150	200	85
Industries	5000/-	7000/-	2500/-	180	300	100

*The Registration fees include Proceedings, Journal publication charges, Conference Kit, refreshments, lunch and dinner on conference days. Tours are not included. Scanned copy of payment receipt should be sent to the conference convener via email for confirmation of payment.

Note :- Convener, NCARIMMIEM - 2016 applied for partial funding in SERB, Govt. of India, New Delhi.