PREAMBLE

Innovation in Design, Manufacturing and concurrent Engineering (IDMC-2014) is highly indispensable for sustainability in competitive market and industrial growth. The recipe of globally competitive product require for key ingredients: innovative features, quality assurance, economic manufacture and rapid developments. The need to bridge the distance and time barriers in collaborative engineering is being addressed by three recent R&D thrust areas. **i** Intelligent Design, **ii**. Knowledge Management **iii**. Electronic commercial leading to web based engineering. The conference will comprise of technical sessions and key note addresses

TOPICS

IDMC 2014 invites research papers in the following areas (this is not an exhaustive list and papers are invited on other related topics as well):

Rapid Prototype, Precision Engineering, Concurrent Engineering, Nanotechnology, Micro Machining, MEMS, Quality Deployment Function, TAGUCHI Method, FE Modeling, CFD, Boundary Element Technique, Metal Forming, Soft Computing, Robotics,CAD/CAM, Optimization Technique, FMs, Surface Engineering, Renewable Energy, Biomedical Engineering, Information Technology, Micro-fluidics,Composites.

PAPER SUBMISSION

Authors are invited to submit the papers for the conference to the specified e-mail: idmc2014@gmail.com/kpmaity@gmail.com. All the papers must follow the IEEE format and should not exceed more than six (6) pages. Paper to be submitted should not be previously published in other Conference/Journal. All the papers will be reviewed by the technical committee and the corresponding author of selected paper will be intimated through e-mail. A paper will be published in the conference proceedings if it is presented in the conference by one of the authors.

Last Date of submission: 31/01/2014
Intimation of Acceptance: 15/02/2014

Camera Ready with Registration: 25/02/2014

The elected papers after peer review will be published in International Journals *Advances in Computer and Electrical Engineering, International Journal of Information and Communication Technology, International Journal of Computational Vision and Robotics*. The conference proceeding is likely to be published in Springer Book Series on *Modeling and optimization in Science and Technology*[MOST].

ABOUT NIT ROURKELA

The conference will be organized by the department of Mechanical Engineering, National Institute of Technology (NIT), Rourkela. It is one of the premier national level institutions for technical education in the country and is funded by the Government of India. It is situated at the eastern end of Rourkela steel city, beyond Sector-1 over an area of 262 hectares of land. NIT Rourkela has seventeen academic Departments which offer B.Tech, M.Tech, MBA and PhD programs in various areas of Engineering, Technology and Management.

ABOUT MECHANICAL ENGG.DEPARTMENT

Department of Mechanical Engineering, NIT Rourkela was established in 1961. The Department currently runs four M.Tech programmes with the specializations in (i)Production Engineering, (ii) Machine Design & Analysis, iii) Thermal Engineering (iv) Industrial Refrigeration and cryogenics. The Department also offers a dual degree M Tech with specialization in Mechatronics and Automation. Faculty members are involved in DIFFERENT R&D projects sponsored by DRDO, DRNS, CSIR, DST, Naval Engg., DAE etc

REGISTRATION

Student/Research Scholars	Rs.1000/-
Faculty for Academics	Rs.2000/-
International Participants	100 USD
R&D/Industry Delegates	Rs.3000/-
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Registration charges include conference kits and fooding. The attached registration form shall be filled and sent along with the registration fee to the contact person latest by Feb/25, 2014. Registration Fee shall be paid by Demand Draft in favour of "*IDMC 2014*" payable at SBI, NIT Branch, Rourkela (code- 2109). The participants need to bear the accommodation by their own. For the guest house accommodation purpose kindly contact the convener in advance.

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International Conference on Innovation in Design, Manufacturing and Concurrent Engineering (IDMC 2014)
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