

The National conference on Machines and Mechanisms is held every two years under the auspices of the Association of Machines and Mechanisms (AMM). This is one of the most important occasions during which researchers, designers, and practicing engineers working in the area meet and exchange ideas. The peer-reviewed papers are published in the proceedings of the conference and some of the selected papers may appear in the journal of Mechanism and Machine Theory published by the International Federation of the Theory of Machines and Mechanisms (IFTToMM). In the context of fast technological changes in the global market, particularly, when India wants to be one of the leaders in Design, Innovation, and new product development, NaCoMM-2003 is of special importance. The conference will cover topics like Innovative Designs, Virtual Prototyping, Creative Knowledge Dissemination in Machines and Mechanisms, etc., towards achieving the above goals. In order to focus some of the challenging areas, few of them are very pertinent to the Indian scenario, Rural Machines and Mechanisms, Textile Machines, etc., are also introduced in this National Conference on Machines and Mechanisms (NaCoMM). The knowledge and skill in these areas certainly will help India to be globally competitive.

Topics

The conference will cover the general area of Theory and Practice of Machines and

Mechanisms. A broad categorization of topics is given below:

- Kinematic Analysis of Mechanisms
- Synthesis of Mechanisms
- Robotics and Manipulators
- Design of Machines and Mechanisms
- Condition Monitoring and Failure Analysis
- Noise and Vibration
- Dynamics and Simulation
- Tribology
- Vehicle Dynamics
- Biomechanics
- Mechatronics and Micromechanisms
- Rotor Dynamics
- **Innovative Designs**
- **Virtual Prototyping**
- **Creative Knowledge Dissemination in Machines and Mechanisms**
- **Rural Machines and Mechanisms**
- **Textile Machineries**

Conference Program

The conference will consist of keynote addresses, invited lectures and paper presentations.

Call for Papers

Extended abstract (not more than two A4 size pages including figures, tables, and references) of the paper on the topics mentioned above and related are invited by email or post to the address of the Organizing Secretary. The final papers for the presentation and publication in the

conference proceedings will be due based on the acceptance of the extended abstract, which should not exceed 8 pages including all figures, references, etc., using 1½ line spacing and 11 font size. The MS-Word soft copy of each paper prepared in the prescribed format (to be communicated later) with three hard copies will be needed for the conference proceedings.

Journal Publications: As a regular practice for the NaCoMM, the Editor-in-Chief of the Mechanism and Machine Theory journal has agreed to publish a set of papers from those submitted to NaCoMM-2003 in a special issue of the journal.

Exhibition and Sponsorship

Exhibition: An exhibition of hardware/software products is also planned during the conference. The rate is: Rs. 15,000/- for a 2m X 3m area stall

Sponsorship: The rates are Rs. 1.0 lakh, Rs. 50,000, Rs. 30,000, Rs. 15,000 depending on the number of free participants. Other benefits are: Acknowledgement, 10 minutes business presentation.

Interested parties (for both Exhibition and Sponsorship) may directly contact Dr. N. Bhatnagar (nareshb@mech.iitd.ernet.in; Tel: 2659 1139; Fax: 2685 7753) for booking.

Important Dates

Submission of extended abstract: **May 30, 2003**

Intimation of acceptance of abstracts: **July 15, 2003**

Submission of full manuscripts (for review):
September 15, 2003

Registration Fee

Student Delegates: **Rs. 500**

Delegates from academic, R & D Organizations, AMM members: **Rs. 2500**

Industry and Other Delegates: **Rs. 3000**

Foreign Delegates: **US\$200**

Accommodation and Tours

Limited accommodation is available in the institute guest house and student hostels. City and nearby industry tours are also planned. Delegates interested in availing accommodation and city/factory tours should write directly to Dr. P.M.V. Subbarao (pmvs@mech.iitd.ernet.in; Tel: 2659 1142; Fax: 2685 7753; address shown below).

Address for Communication

Prof. K. Gupta, Chairman or
Dr. S.K. Saha, Organizing Secretary
NaCoMM-2003

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Hauz Khas, New Delhi 110 016

Email: saha@mech.iitd.ernet.in,
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11th National Conference on Machines and Mechanisms (NaCoMM-2003)

December 18-19, 2003

Venue: IIT Delhi

Call for Papers



*Under the auspices of the
Association of Machines and Mechanisms*



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