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THE FMFP SOCIETY

The National Society of Fluid Mechanics and Fluid Power (FMFP) was established in 1973 as a professional society to promote all activities in the field of FMFP in India. One of the Society's main activities is to conduct the annual FMFP Conference. Once in four years, the conference is organized at the international level. The previous conferences were organized at SVNIT Surat, NIT Hamirpur and IIT Kanpur. For details please visit the website: <http://www.me.iitb.ac.in/~fmfp/History.html>.

NITK SURATHKAL

National Institute of Technology Karnataka (NITK), Surathkal – venue of the conference - is one of the “Institutes of National Importance” in the country fully funded by the Ministry of Human Resource Development (MHRD), Govt. of India. The institute has an impressive infrastructure with state of art facilities in all the departments for teaching, research and consultancy. The institute is located 22 km north of Mangalore city. NITK nestles between the verdant mountain ranges of Western Ghats on one side and vast tranquil blue water of the Arabian Sea on the other. NITK celebrated Golden Jubilee in the year 2009-2010. Weather is pleasant in the month of December with temperatures ranging from 20 to 30°C. NITK is a focal point of visits to important places of pilgrimage and Archeological sites.

DEPARTMENT OF MECH. ENGINEERING

The Department of Mechanical Engineering established in 1960, the oldest and largest department of NITK, has traversed the path of knowledge dissemination and generation as well as delivering over 4000 Mechanical Engineering graduates to the Nation. Over these 53 glorious years, it has carved a niche for itself in the key areas of teaching, research, consultancy, administration and community services. Academic Programmes leading to B. Tech. degree in Mechanical Engineering, M. Tech. degree in Manufacturing, Design and Precision, Mechatronics and Thermal Engineering and full time PhD degree are currently offered by the department.

First Announcement



42ND NATIONAL CONFERENCE ON FLUID MECHANICS AND FLUID POWER DECEMBER 14-16, 2015 (PARTIALLY FUNDED BY TEQIP II)



ORGANIZED BY

Department of Mechanical Engineering
National Institute of Technology Karnataka
Surathkal - 575025 (Karnataka), India

Website: <http://fmfp2015.nitk.ac.in>

Email: fmfp2015@nitk.edu.in

TECHNICAL DELIBERATION

The conference aims to be a platform for reporting both fundamental and applied research on fluid mechanics and fluid power. Eminent researchers - from academia, research-organization and industry - will deliver keynote lectures. The overall themes of the conference are classified into sessions, which will be managed by session-chairs as follows:

Sessions	Session-Chair
1. Fundamental issues and perspectives	Prof. K. Muralidhar, IITK Prof. A. Guha, IITK
2. Flow measurement techniques & Instrumentation	Prof. S. V. Prabhu, IITB Prof. A. Srivastava, IITB Prof. S. Balasubramanian, IITB
3. CFD Development: Fundamentals & Algorithms	Prof. J. Banerjee, SVNIT Prof. A. Dalal, IITG
4. CFD Analysis using COMMERCIAL Software	Prof. S. Tiwari, IITM Prof. A. Sharma, IITB
5. Aero-acoustics and Aerodynamics	Prof. D. Das, IITK
6. Atmospheric and Ocean Wave Mechanics	Prof. K. R. Sreenivas, JNCASR, Bangalore Prof. Ramesh H. Gowda, NITK
7. Bio Fluid Mechanics	Prof. S. Vengadesan, IITM
8. Fluid Structure Interaction	Prof. R. N. Govardhan, IISc
9. Fluid Machinery	Prof. B.V.S.S.S Prasad, IITM
10. Micro & Nano Fluid Mech.	Prof. A. Agrawal, IITB
11. Instability, Transition and Turbulence	Prof. A. Bhattacharya, IITB
12. Multiphase Flow	Prof. R. Bhardwaj, IITB Prof. R. N. Shukla, IISc
13. Reacting Flow	Prof. S. Sreedhara, IITB
14. Specialized Topics: (a) Non Newtonian flow, (b) Transport phenomenon in Metallurgical & manufacturing applications, (c) MHD & EHD flows, (d) granular flow and (e) nuclear reactor thermal hydraulics	(a) Prof. R. P. Bharti, IITR (b) Prof. P. K. Jha, IITR (c) Prof. G. Tomar, IISc (d) Prof. M. Bose, IITB (e) Prof. A. K. Sridharan, IITB

INSTRUCTION FOR AUTHORS

Original research articles broadly within the scope of the conference sessions, written in English language, are solicited. Authors will have to sign a declaration of originality at the time of final submission. Paper submission process involves the following two stages: Stage #1: Abstract Submission and Stage #2: Full Paper Submission. Efforts are being made to publish selected papers from this conference to a Journal. Best Paper awards will also be given during the conference.

Guidelines for the preparation and online submission of abstract as well as manuscript is given in the conference website.

IMPORTANT DATES

Abstract submission deadline :	15th March, 2015
Abstract acceptance notification :	15th April, 2015
Manuscript submission deadline :	10th June, 2015
Notification of Reviewers comments:	15th Aug, 2015
Revised-Manuscript submission deadline :	15th Sept, 2015
Notification of final decision :	1st Oct, 2015
Early bird registration deadline :	15th Oct, 2015

REGISTRATION DETAILS

Registration fee includes conference kits, tea/coffee and food.

Registration fees (in Rs.)	Academic/ R & D Org.	Industry	FMFP Members	Students
Before Oct. 15, 2015	5000	7000	4500	2000
After Oct. 15, 2012	6000	8000	5500	3000

Registration fee has to be paid through online transaction by NEFT or online transfer to the bank account with following details.

Account Name: FMFP 2015 NITK SURATHKAL
Account number: 34596342125 (Saving)
IFSC: SBIN0002273
Receiver Bank: State Bank of India
Branch: NITK CAMPUS, SRINIVASNAGAR, MANGALORE
Please send an email to fmfp2015@nitk.edu.in with a subject FMFP2015_Registration after the transaction which will be duly acknowledged.

ACCOMMODATION:

Most of the registered participants are expected to stay together in the Institute Guest-House/Hostels (inside the NITK campus) at nominal cost, during the conference. This will be done on a first come first serve basis (after registration), with a request mentioning the travel plan and number of accompanying person (if any). Furthermore, details about the outside accommodation in the hotels will be provided in the conference website. However, the participants are expected to book it on their own.

ORGANIZING COMMITTEE

Patron :	Prof. Swapan Bhattacharya Director, NITK Surathkal
Chairman :	Prof. K. V. Gangadharan , H.O.D., Mechanical Engineering, NITK Surathkal
Coordinator:	Prof. Ravikiran Kadoli
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Convener :	Prof. Ajay Kumar Yadav

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Prof. S. V. Prabhu	IITB, Mumbai
Prof. Atul Sharma	IITB, Mumbai
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