

**National Seminar on
Advances in Manufacturing Sciences and Technology
Programme, 22nd September 2011**

10:00 - 12:00 AM	Inauguration of Exhibition and Seminar Function Followed with High Tea	Mr. M. Narayana Rao President, IIM & CMD- MIDHANI
12:15 - 12:45 PM	Inauguration of the Seminar and Key Note Address	Prof. K. Chattopadhyay Divisional Chairman, Mechanical Sciences, IISc
12:45 - 13:15	Mr. N. Saibaba Additional Chief Executive, NFC, Hyderabad	Advances in the manufacture of Precision Seamless Tubes
13:15 - 14.00	LUNCH	LUNCH
14:00 - 14:30	Dr. Arun Kumar Bhaduri Associate Director IGCAR – Kalpakkam	Thermo-Mechanical Processing and Welding of Fast Breeder Reactor Materials
14:30 -15:00	Dr. Madangopal Krishnan Head Functional Materials, BARC, Mumbai	Shape Memory Alloy Fasteners for the Light Combat Aircraft
15:00 -15:30	Dr. Suresh Additional General Manager and Head WRI, Trichy	Advances in Manufacturing Process for Metals and Materials
15:30 -15:45	Tea	Tea
15:45 -16:15	Dr. P. Sriram Vice Chairman, R&D RAPSRI Engg. India Bangalore	Recent Advances in Continuous Casting and Permanent Molding of Copper Alloys
16:15 - 16:45	Mr. S. Shankar Aichelin Unitherm Heat Treat Systems India (P) Ltd. Mumbai	Introduction to Aichelin Design Continuous Pusher Furnace
16:45 - 17:15	Q&A and Conclusion	

Programme, 23rd September 2011

10:00 - 10:30	Mr. Gopalan Technical Director, Lakshmi Vacuum Heat Treatment (P) Ltd., Bangalore	Latest Techniques in Vacuum Heat Treatment
10:30 - 11:00	Dr. P. V. Venkitakrishnan Deputy Director, LPSC, Bangalore	Advanced Aerospace Manufacturing Processes
11:00-11:30	Dr. P. V. Sivaprasad GM, Sandvik Materials and Technology	Modeling Of Manufacturing Process
11:30 - 11:45	TEA	TEA
11:45 - 12:15	Dr. Suresh Sunderraj Technical Specialist, Advanced Metals, GM Powetrain Engg India, Bangalore	Role of Lightweighting in Automotive Design and Manufacturing
12:15 - 13:15	Mr. A. Selvaraj Additional General Manager, F&F Division, HAL, Bangalore	Magnesium Alloys For Defense Aerospace Applications
13:15 - 14:00	LUNCH	LUNCH
14:00 - 14:30	Dr. G. Padmanabham Associate Director ARCI, Hyderabad	Application of Laser in Welding and other Manufacturing Processes
14:30 - 15:00	Prof. P. Achutha Rao Head, National Institute of Design, Bangalore	The New Paradigm
15:00 - 15:15	TEA	TEA
15:15 -15:45	Gautam Halder National Sales Manager, Timken India Ltd	Rolling Mill Chatter
15:45 - 16:15	Mr. S N Namboodiri, Director(Ref-Engg.) Vishwakarma Refractories, Bangalore	Refractories for Secondary Metallurgy of Steel
16:15 - 16:30	Closing	Certificate Distribution to Students

Programme, 24th September 2011

10:00 - 10:45	Ansys Presentation	Ansys In Manufacturing
10:45 -11:15	Patels Furnace and Forging - Praveen A Patel	Shot blasting in Steel Industries
11:15 -11:30	Tea	Tea
11:30 - 12:00	Mr. V. Raghunathan Technical Director, Fluidtherm Technologies Pvt. Ltd., Chennai	Development in controlled gaseous nitriding and nitro-carburising process
12:00 - 12:30	Mr. P. Ramachandran Managing Director, Benco Thermal Technologies, Chennai	Versatile Carburising – Rotary Hearth Furnace
12:30 - 13:00	Kennametal	
13:00 - 13:30	Getit Infoservices Pvt.Ltd	
13:30 – 14:00	Lunch	Lunch