

Conferences: WMVC-2006

CSIR Sponsored
Third National Conference
On
Applicable Mathematics in Wave Mechanics & Vibrations
(WMVC-2006)
October 15-17, 2006

The JIET organized 3rd National conference on Applicable Mathematics in Wave Mechanics and Vibrations in collaboration with Von Karman Society for Advanced Study and Research in Mathematical and Social Sciences, Jalpaiguri, West Bengal in Oct 15-17, 2006.

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Mr. V. C. Pandey, Finance Officer

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Prof. S. Karanjai (University of North Bengal) - Prof. G. C. Das (IASST, Guwahati).

Dr. M. Ganapathi (IAT, Girinagar, Pune) - Prof. J. Ramachandran (IIT, Chennai)

Prof. S. Dey (Inst. Of Tech, Bandel) - Prof. P. K. Datta (IIT, Kharagpur)

Dr. V. Balamurugan (CEAD, DRDO) - Prof. Bhola Ishwar (Muzaffarpur University)

Aims and Objectives Of WMVC:

Over the years during the 20th century every branch of Mathematics, Pure or Applied, has been enriched and developed through continuous efforts, cultivation and contribution by researchers in different fields like Social, Physical, Mathematical and Engineering Sciences. Analysis of scientific thoughts and problems of science and engineering have been made through the language of Mathematics and as a result Mathematics as a subject is continuously getting intensive development through the passage of time. The purpose of holding such conferences is to bring together, on a common platform, scientists, engineers and researchers along with other eminent academic personalities in selected applied branches. They would get ample scope to make exchange of views, ideas and thoughts besides presentation of papers and development of techniques as result of intensive research in the area of the conference-themes. Considering the importance of the titled conference in view of enormous applications of the topics in wave mechanics and vibration sciences, structural mechanics, aeronautics, nuclear and atomic power reactors, biomedical engineering, computer science and in different branches of engineering, holding of such a conference of national and global importance will open scope for attending by those persons who have been working in the area of the conference topics. It is expected that different mathematical methods and innovative skills employed in different class of problems of mathematical sciences and possible future developments will be intensively discussed during the conference.

Conference Sub - Topics :

- * Nonlinear Phenomena in Mathematical and Physical Sciences,
- * Mathematical and Computational Methods, Astrophysical Problems,
- * Mechanics of Solids and Structural Mechanics,
- * Elastic Wave Mechanics, Fluid Mechanics and Plasma Physics,
- * Vibrations of Beams/Plates/Shells including Thermal and Random Vibrations,
- * Thermal Stresses, Thermal Buckling and Post-Buckling Analysis,
- * Mechanical Behaviour of Structures at Elevated and Cryogenic Temperatures,
- * Boundary – Value Problems,
- * Engineering, Physical and Medical Acoustics, Architectural and Highway Acoustics
- * Applications in fields like Music, Speech and Hearing
- * Recent Developments and Applications.

Conference Director

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Conference Co-Director

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Organizing Secretary

Dr. Vipin Tyagi
Jaypee Institute of Engineering and Technology

Program Schedule

SUNDAY, October 15 , 2006

9.30 AM - 10.30 AM	Inaugural Programme		
10.30 AM – 11.00 AM	Inaugural Tea		
11.00 AM – 12.00 Noon	Technical Session Chairman : Prof. Maskara Co-Chairman : Prof Biswas (Special Invited Session) Dr. A. K. Mullick (Former DG, National Council for Cement and Building Materials, Ministry of Industries, GOI) Dr.V.K.Agarwal (Ex- Principal, D. N. College, Meerut)		
12.00 Noon – 1.00 PM	Technical Session Chairman :Anirudh Pradhan Cochair:Bhola Ishwar	–	II
2.00 PM – 3.30 PM	Technical Session Chairman : Abhijit Sarkar Co-Chairman : I.Husain	–	III
4.00 PM – 5.30 PM	Technical Session Chairman:G.Mohanty Co-Chairman : Charu Pathak	–	IV
7.00 PM – 9.00 PM	Shaam-e-Ghazal		
9.00 PM – 10.00 PM	Dinner		

MONDAY, October 16, 2006

9.00 AM – 10.30 AM	Technical Session Chairman: M.K.Mazumdar Co-Chairman H. Mahalingam	–	V
11.00 AM – 1.00 PM	Technical Session Chairman: S.Karanjai Co-Chairman B K Mohanty	–	VI
2.00 PM – 3.30 PM	Technical Session Chairman : AV Pathak Co-Chairman Prof. Hussain	–	VII
4.00 P.M.- 5.30 P.M	Visit to GAIL		

TUESDAY , October 17, 2006

9.00 AM – 10.30 AM	Technical Session Chairman: V.K.Agarwal Co-Chair Shishir Kumar	–	IX
11.00 AM – 1.00 PM	Technical Session Chairman: J H Agarwal Co-Chair: Satish Kumar	–	X
2.00 PM – 3.30 PM	Technical Session Chairman: J Akhtar Co-Chairman: Anuj Kumar	–	XI
4.00 P.M.- 5.30 P.M	Closing Ceremony		

List of Participants:

Dr. J.H.Agarwal(Jabalpur)	Dr.U.S.Rana(Dehradun)	Dr.Ashish Arora(Guru Nanak Dev University/Amritsar)
Dr.Santimay Kundu(Dhanbad)	Dr.Shyam Agarwal(Bargarh/Orissa)	Sundar Dr.Abhijit Sarkar , Faridabad
Dr.Susmita Majumdar(CITM/Faridabad)	Dr.Gopal Pathak(Meerut)	Dr.Anirudh Pradhan (Gazipur)
Mr. Deepak Srivastava (B R A Bihar University/Muzaffarpur)	Mr. Sudhir Srivastav (B R A Bihar University/Muzaffarpur)	Mr. Badam Singh Kushvah (B R A Bihar University/Muzaffarpur)
Mr. Avdesh Kumar (B R A Bihar University/Muzaffarpur)	Mr. Dilbagh Singh Panjab University/ Chandigarh	Mr. Aarti Khurana Panjab University/ Chandigarh
Mr. Sanasam Sarat Singh Panjab University/ Chandigarh	Dr.S.K.Tomar Panjab University/ Chandigarh	Prof.(Dr.) S.Karanjai, Jalpaiguri
Dr.M.Ghosh, Jalpaiguri	Dr.S.Basak, Jalpaiguri	Dr.Anjan Roy Choudhury, North Bengal University/Darjeeling
Mr. Z.Islam, North Bengal University/Darjeeling	Dr.P.Biswas, Jalpaiguri	Prof. S.R.Das, Calcuta
Mr. Bapi Karmakar, Jalpaiguri	Jigar Gandhi, Sci/Engr. - 'SC', ISRO, Ahmedabad	Dr.V.K.Agarwal(Meerut)
Dr.Durgesh Pant	Dr. Sarika Sharma(New Delhi)	Dr.Ashish Saxena (Amrapali Institute/ Haldwani)
Dr.P.S.Das(Calcutta)	P.K.Sahu (Sambalpur University/Orissa)	S.K.Sahoo (Sambalpur University/Orissa)
Dr.Anuj Kumar, JIET	Mr.Satish Kumar Singh, JIET	Mr.Ravi Kumar, JIET
Dr. H.Mahalingam, JIET	Dr.Shishir Kumar, JIET	Ms. Sonali Barvey, JIET
Dr. Charu Pathak, JIET	Ms. Divya Agrawal, JIET	D.S.Hooda, JIET
Dr. VipinTyagi, JIET		

Dr. Vipin Tyagi
Department of CSE
Organizing Secretary