



CAMPUS COMMUNIQUÉ

A monthly news letter of National Institute of Technology Tiruchirappalli

Volume: 2

December 2007

Issue: 12

From the Director's DESK

Dear all,

The Departments were busy with the TEQIP workshops, national conferences and visiting professors from abroad during the month of November and December 2007. Dr. Yuh-Shan Ho from Taiwan visited NITT and he motivated the students and faculty in academic and research activities. Prof R Natarajan Former Director IIT visited the institute and encouraged the faculty through a special lecture "Research on Higher Education Institutes". Prof T S Sudharshan of USA delivered series of lectures and interacted with faculty and students. The TEQIP Progress was audited and the overall perceived score is 9.1 out of 10. The Departments are preparing for the ensuing accreditation visit planned during January 2008. I congratulate the award winners of the year 2007 and I wish the students and faculty to bring more laurels in the year 2008.

I wish you all a prosperous and happy new year 2008.

Prof M Chidambaram

Director

Books Published by NITT faculty

- ES Gopi Lecturer, Department of ECE *Algorithm collections for Digital signal Processing Applications using Matlab* Publisher:: Springer Verlag
- N P Gopalan Professor, Department of Computer Applications " *Web Technology A Developers Perspective* " Publisher : Prentice Hall of India Ltd, Co Author: J Ahilandeswari Sonal College of Technology Salem.

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FACULTY FROM ABROAD

Dr.Yuh-Shan Ho, Professor, Department of Chemical Engineering and Bibliometric and Research Centre, I-Shou University, No.1, Section 1, Hsueh-Cheng road, Ta-Hsu Hsiang, Kaohsiung County 840, TAIWAN, visited Our Institute from 15.10.2007 to 12.11.2007.

During his visit, the following activities were conducted:

- 17th October 2007 – He delivered a lecture on “Bibliometric and Research”. Bibliometric is a type of research method used in library and information sciences. It utilizes quantitative analysis and statistics to describe patterns of publications within a given topic, field, institute, or country. In this speech, research in the world, India’s performance in SCI was presented. In addition, research of NITT was also presented.
- 19th October 2007 – He delivered a lecture on “Science Citation Index”. PG students and research scholars are attended and benefited.
- 24th October 2007 – He gave a lecture on “Adsorption Kinetics” for the Final Year B.Tech Chemical engineering , M.Sc, M.Tech students and Ph.D scholars of both chemistry and chemical engineering departments.
- 26th October 2007 – He conducted a Work shop on “Bibliometric and Research For other College Teachers” Under TEQIP Networking. Five faculty from GCE salem, our network partner attended and got benefited .
- 2nd November 2007 – He visited the nearby Industry BHEL, and delivered a Lecture on “Bibliometric Analysis of Engineering Research in India”.
- 6th November 2007 – He delivered a lecture on “Bibliometric Analysis of Research on Drinking water” at Institute of Engineers, BHEL Campus.
- In addition to all these programme, He discussed with our Faculty, Research Scholars, M.Tech and B.Tech students from Chemistry, Chemical Engineering, Civil Engineering, Physics and Mathematics.



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Faculty Training under TEQIP in Abroad

Mr. M. Perumalsamy, Lecturer/ Chemical	Bioprocess Engineering	November 5 – December 4, 2007	The University of IOWA, IOWA, USA
Ms. R. Leela Velusamy, Lecturer / Computer Science Engg.	Wireless Communication	November 9 – December 8, 2007	Nanyang Technological University(NTU), Singapore
Dr. V. Muthupandi, Professor/ Metallurgical and Materials Engg.	Corrosion of Weldments of Magnesium Alloys and of Coated Magnesium Alloys	November 10 – December 10, 2007	Institute of Materials Research of the GKSS Research Centre, Germany
Ms. S. Jaya Nirmala, Lecturer/ Computer Science Engg.	Chip Multiprocessors	November 12 – December 11, 2007	Nanyang Technological University, Singapore
Dr. Sihaj P Simon, Lecturer/ Electrical and Electronics Engg.	Artificial Intelligence	November 12 – December 12, 2007	Nanyang Technological University, Singapore
Mr. P. Palanisamy, Lecturer/ Electronics and Communication Engg.	Signal Processing	November 12 – December 11, 2007	Nanyang Technological University, Singapore
Dr. S. Moses Santhakumar, Professor/ Civil Engg.	Application of GPS and GIS for Highway and Airfield Pavement Network condition Monitoring systems	November 19 – December 18, 2007	National University of Singapore, Singapore
Dr. A. Chandra Bose, Asst. Professor/ Physics	Nanomaterials	November 15 – December 20, 2007	Institute for Nanotechnologie, Germany
Dr. Samson Mathew, Asst. Professor/ Civil Engg.	Intelligent Transport Systems (ITS), Transportation Engineering and Land use Planning	November 26 – December 26, 2007	National University of Singapore, Singapore
Dr. G. Swaminathan, Asst. Professor / Civil Engg.	Environmental Engineering and Science	November 26 – December 26, 2007	National University of Singapore, Singapore



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National Seminar/Conferences

- National Seminar on sensor and its applications NSSA 2007 -held on 7-8 December organized by Department of Chemistry
- National Conference on Instrumentation and control engineering ICECON 2007- held on 27-29 December organized by Department of Instrumentation and Control Engineering
- National Seminar on Energy and Environmental Engineering EEES 2007– held on 27 -28 December organized by CEESAT

Forth Coming Events

- Two Day Workshop on Advanced Fluid Dynamics (High Viscous Fluids) will be conducted by Department of Chemical Engineering Jan 4-5 2008.
- Workshop on Microreaction Technology for Process Intensification will be conducted by Department of Chemical Engineering and Department of Chemistry Jan 11, 2008.
- Two Day National Conference on Emerging Materials and Technologies for India 2020 will be conducted by the Department of Metallurgical and Materials Science Jan 24-25, 2008.
- Two days workshop on FINITE ELEMENT ANALYSIS OF WELDING PROCESSES will be conducted by the Department of Production Engineering Jan 24-25, 2008

Faculty -TEQIP Training in India

Mr. S. Moorthi, Lecturer/ Electrical and Electronics Engg.	Analog Interfacing and System Design	November 29 – December 7, 2007	The Leela Palace and Texas Instruments, Bangalore.
R.K. Jeyachitra, Lecturer/Electronics and Communication Engg.	MATLAB and its Applications	November 29 & 30, 2007	NITTTR, Taramani, Chennai
Mr. R. Gururaj, Lecturer/ English	English Language Learning Through Computer Literacy in Schools	November 17 – 19, 2007	Indian Institute of Management, Indore