



# CAMPUS COMMUNIQUE

*A monthly news letter of National Institute of Technology Tiruchirappalli*

Volume: 2

February 2007

Issue:2

## From the Director's Desk

*Dear members,*

*The facilities are being constantly improved to make the stay of the students more comfortable and productive. New Vendors from Tiruchirappalli have been identified for shops in the shopping center, Canteen and Snacketeria. The national level student symposiums are being organized from the various departments. These symposiums really bridge the gap with the new knowledge. It is highly appreciated that the refurbished air conditioned seminar/conference halls (A2, A11, A12, A13 and Electrical Gallery hall) are used effectively for the symposiums and conferences in parallel sessions. High speed campus wide network is being implemented to improve the performance of the network. The office of the Dean (Academic) is functioning in the new furbished space in the first floor of administrative block.*



Proposed NIT Middle School Project sponsored by ALUMNI of NITT

The society has helped us in getting our education; we have social responsibility and commitment to the society. Let us show our gratitude by helping poor students get quality education. Therefore, I earnestly appeal to all the alumni of our institute and the campus inmates to contribute liberally to build a school building comprising classrooms and laboratories and to meet recurring expenses for the teachers employed on consolidated pay. Funds are to be send as a crossed DD / Cheque drawn in favor of "**RECAL FOUNDATION - SCHOOL PROJECT**" to the Treasurer, RECAL Secretariat, NITT.

- *PROF M CHIDAMBARAM*  
Director



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## TEQIP ACTIVITIES

- ❖ Mr.S.Kumaran, Lecturer / MME “Bulk Metallic Glasses” 11<sup>th</sup> January to 16<sup>th</sup> January 2007
- ❖ Mr.P.Palanisamy, Lecturer / ECE “Speech and Audio Processing” 10<sup>th</sup> January to 13<sup>th</sup> January 2007 Indian Institute of Science, Bangalore
- ❖ Ms.S.Sudha, Senior Lecturer/ EEE and Mrs.B.Malarkodi, Senior Lecturer/ECE Attended workshop on “Research Directions in Information Technology and Applications” 22<sup>nd</sup> December 2006 Department of Management Studies , NIT, Trichy
- ❖ Dr.P.Jayabalan, Asst. Professor and Mr.R.Jayasankar, Lecturer / Civil Non-Destructive and Evaluation of Concrete Structures” 17<sup>th</sup> January to 19<sup>th</sup> January 2007 Structural Engineering Research Centre, Council of Scientific & Industrial Research, Chennai – 600 113
- ❖ Dr.V.Muthupandi Asst. Professor / MME Polymer Clay Nanocomposites 18<sup>th</sup> December to 7<sup>th</sup> January 2007 Composites Technology Centre, Indian Institute of Technology Madras, Chennai – 600 036
- ❖ Dr.N.Kumaresan , Asst. Professor / EEE Mrs.B.Malarkodi , Lecturer/ ECE Mr.P.M.C.Nathan, Lecturer / ECE Mr.D.Sriramkumar, Lecturer / ECE Mr.P.Palanisamy , Lecturer / ECE Dr.C.Vanitha , Lecturer / MME Mr.N.RameshBabu,Lecturer/MME Mr.S.Jerome , Lecturer/MME Dr.D.Sastikumar , HOD / PHY Dr.M.Ashok , Lecturer / PHY Dr.M.C.Santhosh kumar , Lecturer/PHY J.Elanchezhian (Research Scholar) / PHY K.P.Bhuvna Research Scholar) / PHY Dr.L.Cindrella , Asst. Professor / CHE Dr.G.Venkatesa Prabhu , Asst. Professor / CHE Dr.S.Anandan , Lecturer / CHE Dr.S.Velmathi , Lecturer / CHE Dr.N.Anantharaman, HOD / CHL Dr.T.K.Radhakrishnan, A.P / CHL Dr.P.Sivashanmugam, A.P / CHL Dr.J.Sarat Chandra Babu, A.P, CHL Dr.M.Arivazhagan, Lecturer / CHL Dr.A.Seshagiri Rao , Lecturer / CHL Mr.M.Perumalsamy , Lecturer / CHL Ms.S.Maheswari , Lecturer / EEE Ms.M.Venkata Kirthiga, Lecturer / EEE Ms.M.C.Amudhavani, Lecturer / EEE Dr.J.Jerald, Lecturer / PRO Dr.P.Sathiya , Lecturer / PRO Mr.S.Prasanna Venkatesan, Lecturer / PRO Mr.P.Senthil , Lecturer / PRO Mr.P.Parthiban , Lecturer / PRO Mr.C.Sathiya Narayanan , Lecturer / PRO Attended the International conference on “Trends in Industrial Measurements and Automation 4<sup>th</sup> January to 6<sup>th</sup> January 2007 at NIT, Trichy
- ❖ Mr.D.Sriram Kumar, Senior Lecturer Attended Conference on “Advanced Communication Systems” 10<sup>th</sup> January to 12<sup>th</sup> January 2007 at Coimbatore

## Services to Community and Economy under TEQIP

- ❖ “Laser Materials Processing” for the students, faculty, scientists and practicing engineers on 9<sup>th</sup> & 10<sup>th</sup> January 2007 conducted by the Department of Physics and Department of Production in collaboration with WRI BHEL Tiruchirappalli
- ❖ “Pollution from e-waste and its effects” Programme for school children of X,XI & XII at various schools around Trichy from 22<sup>nd</sup> to 27<sup>th</sup> January 2007 organized by Department of Chemistry
- ❖ “How to perform better in AIEEE & JEE” on 27<sup>th</sup> January 2007 for Madurai students at Nirmala Higher Secondary School, Teppakulam, Madurai organized by Department of Humanities



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## **AWARDS AND DISTINCTIONS**

- ❖ Mr. R. Subramanian (MT10329) and Mr. L. Rannesh (MT10426) won the first prize for presentation (Research) organized by MME, Visvesvaraya National Institute of Technology, Nagpur, from January 12<sup>th</sup> 14<sup>th</sup>, 2007 (TATVA07)
- ❖ Mr. Vinodh (MT10431) and Mr. Hariprasad (MT10410) won 2<sup>nd</sup> prize in the event of Materials Quiz, organized by MME, Visvesvaraya National Institute of Technology, Nagpur, from January 12<sup>th</sup> 14<sup>th</sup>, 2007 (TATVA07)

## **Sponsored Research Projects**

- ❖ Dr.B.Venkataramani of ECE department was sanctioned Rs. 19,20,000/- towards a DST project titled “Optimization Techniques for the FPGA implementation of high speed digital communication blocks for software defined radio” 2006-2009
- ❖ Dr.K.Sankaranarayanassamy of Mechanical Engg Dept was sanctioned Rs. 18,48,000 towards a DST project titled “Process modeling and online monitoring of laser beam welding” 2006-2008.
- ❖ Dr.K.Muthukkumaran of civil engineering department was sanctioned Rs. 11,79,000/- towards a DST project titled “Non-linear soil structure interaction of piles on sloping ground”

## **PhD viva voce**

Mr A Suresh Kumar Research scholar of Management studies under the guidance of Dr J Raja. defended his thesis on the title “ Construction of Corporate governance ratings and its applicability in evaluation of firm performance on 29-1-2007.

## **Visiting Professor**

Professor Barry L.Mordike, IWW, Germany had visited (4<sup>th</sup> – 17<sup>th</sup> Jan. 2007) our Institute under DAAD-India exchange programme and discussed various academic activities which include research collaboration, visits to Germany for higher studies through exchange programme etc. and also interacted with the faculty members and students of the Institute.



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## Role of UGC in improving the Quality of Education

In recent years, the Indian Higher Education System has become fully aware of the need for quality. Quality and Excellence could not be attained overnight. Organised and focused efforts are needed to achieve this goal. The unplanned growth of higher education coupled with lack of resources affects the quality of education. A careful distribution of resources is mandatory to achieve quality and excellence along with access and equality. The UGC has taken upon itself this onerous task and has succeeded in maintaining the quality of education.

It has launched many schemes, which have made some impact in the system viz.

- ❖ **Innovative Programmes including Emerging Areas**
- ❖ **International Cooperation**
- ❖ **Identification of Universities and Colleges with Potential for Excellence**
- ❖ **Networking of Universities and Colleges**
- ❖ **Faculty Improvement Programme**
- ❖ **National Eligibility Test (NET)**
- ❖ **Schemes for strengthening of Research**
- ❖ **Programmes for the development of Engineering and Technical education**
- ❖ **Programme for the Development of Management Education**
- ❖ **Programme for the Development of Computer Education and upgradation Augmentation of Computer Facilities**
- ❖ **Accreditation System**

**Courtesy: [http://www.ugc.ac.in/policy/quality\\_assurance.html](http://www.ugc.ac.in/policy/quality_assurance.html)**