



CAMPUS COMMUNIQUÉ

A monthly newsletter of
National Institute of Technology Tiruchirappalli 620015
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Director's Message

Dear share holders of NITT,

The dream of converting NITT to a level of IIT needs strong perseverance and patience. The things of the past are to be undone and progressive fronts has to be planted physically and mentally. The milestones of progress are

Student Amenities 1) Reigniting the Swimming pool 2) New hostels 3) Outsourcing of messes 3) New BRU Tea stalls for late hour study 4) Out sourcing of Hostel sanitation 5) New Pharmacy services 7AM to 9 PM 6) Co-ordination of Sports with Student Secretaries 7) Additional Toilet and bathroom facilities for Agate, Diamond and Coral Hostels 8) Washing Machines in the new Garnet A & B and Opal Hostels. 9) Filtered and U V treated Drinking water in all the Hostels and messes.

Faculty Development: Grant for communication and book allowances for faculty, sponsoring of faculty to go abroad for paper presentation. Training abroad for a month under TEQIP, Refurbishing faculty rooms, New computers and furniture for newly joined faculty.

Support Staff Development: Appointment of 54 Support Staff in laboratories and offices, Renovation of support staff quarters, training of support staff under TEQIP

Administration: 1) Nomination of HODs with faculty consensus 2) Appointment of Deans and Associate Deans 2) Lap top for Departments, Deans, Associate deans and Office Administrators 3) Refurbishment of main admin office 4) Appointment of Registrar and Accounting officers 5) Administrative Manual

Supporting services: 1) Outsourcing of security personnel 2) Green Tree Project 3) Refurbishing the oxidation plant 4) Filtered and U V treated Drinking water in academic zones

Academics: New instructional and laboratory buildings, Induction of sixty new faculty, Purchase of TEQIP equipments, , scholarship for MS and PhD scholars, , Refurbishment of laboratory and seminar halls, flexible credit based curriculum with revised relative grading. Research laboratories in Chemical Engg., Physics, and Chemistry departments.

Industry Consultancy and sponsored Research: Creation of office of Dean (ICSR), Research seed grant for new faculty MOUs with BHEL, FLsmith, Bharthi foundation and IBM, Completion of 18 QIP Scholars Quarters.

Alumni interaction: New executive council, Campus School projects, Campus visit by Alumni students: Interaction of Alumni with students, faculty and administration, Office of Alumni affairs.

PROF M CHIDAMBARAM

Congratulations

- Paper titled Corrosion evaluation of pre stressing steel in Pre stressed concrete cantilever segmental block and authored by Prof C Natarajan, N Almas Begum, P Jeabalan and A Rajaraman printed in IRC journal vol 66 Part II is selected for commendation certificate by Indian Road Congress.
- B Arch students M Elayaraja and S Thanikaivel won 2nd prize in IGBC(Indian Green Building Council) Green Design Competition
- Ms.R.Malarvizhi was award Best Paper by Gandhigram Rural University for her paper entitled “Multilayer adsorption of Hg (II) on Sulphurised Flame tree pods carbon: Kinetic and thermodynamic studies”
- Ms.Jothimani, J. was awarded ISTE National Award for First Prize for the M.Tech Thesis in Civil Engineering for the thesis titled “Size and Modelling Effects in Fracture of RC Beam”
- Ms.Nisha, U. was awarded ISTE National Award for Second Prize for the M.Tech Thesis in Civil Engineering for the thesis titled “Non Linear Seismic Analysis of Multi Degree of Freedom Systems”

TEQIP ACTIVITIES FOR THE MONTH OF OCTOBER 2006

- Two days Workshop on “**Mathematics for the benefit of rural and urban Higher Secondary School Teachers**” on 6th & 7th October 2006 organized by Department of Mathematics under Services to Community.
- Two days Workshop on “**Soft Skills to Improve Interview Performance**” on 6th & 7th October 2006 organized by Department of Computer Science Engineering under Tribal Development Plan.
- One day Workshop on “**Training Needs for ST/SC Candidates of EEE**” on 11th October 2006 Organized by Department of Electrical and Electronics Engineering under Tribal Development Plan.
- Two days Workshop on “**Electrical Science and Electronics for Physics Teachers of Higher Secondary Schools**” on 28th & 29th October 2006 Organized by Department of Electrical and Electronics Engineering under Services to Community.
- One day Workshop on “**Short Cut Methods in Arithmetic**” on 28th October 2006 Organized by Department of Mathematics under Services to Community.
- One day Workshop on “**Personality Development**” on 28th October 2006 Organized by Metallurgical and Materials Engineering under Tribal Development Plan.
- One day Workshop on “**Analytical and Short Cut Techniques in Mathematics in Preparing for AIEEE**” on 29th October 2006 Organized by Department of Mathematics under Services to Community.
- Two days training programme on “**LATEX**” on 13th & 14th October 2006 Organized by Department of Computer Science Engineering.

Forthcoming Workshops, National / International Conferences

Training Programme on “Computer Applications” for Women Entrepreneurs Association of Tamilnadu, BDU Organised by Department of Computer Science & Engg. & Computer Support Group under TEQIP; November 6-22 2006

Two Day Workshop on “Practical Metallography” Organised by Department of Metallurgical and Materials Engineering Department under TEQIP
November 24–25, 2006; Coordinators: Dr V Muthupandi & Dr P Bala Srinivasan

One Day Training Programme on “Instrumental Methods of Thermal Analysis and Data Interpretation” Organised by CEESAT under TEQIP
November 25, 2006; Coordinator: Dr. H. J. Prabhu

“Training programme for PG Students for clearing NET-National Eligibility Test” Organized by Chemistry Department under TEQIP
November 25-29, 2006; Coordinator: Dr. N. Sulochana

National Workshop on “Nanomaterials: Properties and Applications” Organised by Metallurgical and Materials Engineering Department under TEQIP
December 2-3, 2006; Coordinators: Mr. N. Ramesh Babu & Dr.T. Srinivasa Rao

Workshop on “Powder Metallurgy of Refractory and Hard Metals Processing & Prospect Organised” by HAPP in association with Powder Metallurgy Association of India & Defence Metallurgical Research Laboratory, Hyderabad.
December 8-9, 2006; Coordinators: Dr.M.Chidambaram, Dr.V.Sivan and Dr.T.Srinivasa Rao

Workshop on “Recent Advances and Challenges of Biotechnology Processes” Organised by Chemical Engineering Department under TEQIP
December 15-16, 2006; Coordinators: M. Arivazhagan & P. Sivashanmugam

Workshop on “Control Of Unstable Systems” Organised by Chemical Engineering Department under TEQIP
December 19-20, 2006; Coordinators: A. Seshagiri Rao & Prof. M. Chidambaram

Workshop on “VLSI implementation of Digital Radio transceivers” Organized by Electronics & Communication Engg. department under TEQIP
December 29-31, 2006; Coordinator: Dr.B.Venkataramani

International Conference on “Trends in Industrial Measurements and Automation” -TIMA 2007. TIMA is constituted by CEERI centre Chennai, MIT, Chennai, ISOI and ISA, South India Section;
January 4-6, 2007; Chairman: Prof. M.Chidambaram and Co-Chairman Dr. P. Kangasabapathy

Management Capacity Development Programme on “Knowledge Management” Organised by Management Studies Department
January 8-12, 2007; Coordinator: Dr. G. Kannabiran

International Conference on “Nanomaterial and its applications” Organized by Chemistry Department
February 4-6, 2007; Coordinator: Dr. N. Sulochana

Projects Support Received

NIT Faculties get DST-SERC Young Scientist award and each gets aid for Rs.1 Lakhs for performing research

The Department of Science & Technology, New Delhi has awarded Young Scientist fellowship, to Dr. S. Anandan (Lecturer, Department of Chemistry), Dr. M. Ashok (Department of Physics) and N. Sivakumaran (Department of Instrumentation & Control Engineering), National Institute of Technology.

Dr. S. Anandan, will be focusing his research on nanomaterials, dye-sensitized solar cells, hydrogen production by photodissociation of water, photoreduction of organic compounds using TiO₂ –support zeolite photocatalysts, photofunctional nano-sized materials, including the TiO₂ photocatalysts and laser spectroscopy of the excited-state dynamics for the photoinduced electron transfer.

Dr. M. Ashok, will be focusing his research on Nanocomposites and Nanoporous materials for biomedical applications.

Mr. N. Sivakumaran, will be focusing his research on process controlled instrumentation for industrial chemical processes.

Financial Assistance under SERC scheme

Dr.B.Venkataramani, Professor of ECE Department is sanctioned financial assistance under SERC scheme for the Project Proposal on “Optimization techniques for the FGPA implementation of high speed digital communication blocks for software defined radio” Budget Rs.19,20,000/- for three years.

Second Convocation:

Convocation for the batch of 2005-2006 of NIT-Trichy will be held on December 23, 2006 (Saturday) at NIT-Trichy Campus.

Distinguished Alumni Awards:

A large number of Alumni have excelled in their fields in India and Abroad in appreciation of the role of Alumni in the development of the institution by way of financial support, academic support, training facilities, and so on. Nomination for Distinguished Alumni Awards are called for.

The institute would like to honour its outstanding Alumni by presenting them Distinguished Alumni Awards

The alumni those who have completed 25 years after graduation from RECT/NIT Tiruchirappalli are invited to file nominations on their own or for on behalf of their batch mates under the following categories:

1. Academic/Research Excellence
2. Corporate Development/Administration
3. Social sciences/Engineering and services/Public administration
4. Entrepreneurial Excellence

A maximum of six awards are planned now; each award includes a citation and a certificate. The committee nominated by the Director will be involved in selection of the awards. For more details visit RECAL Alumni website <http://recal.nitt.edu/> or <http://alumni.nitt.edu/>