

CAMPUS COMMUNIQUÉ

A monthly news letter of National Institute of Technology Tiruchirappalli

Volume: 1

July 2006

Issue:1



DIRECTOR'S MESSAGE

It is indeed a great pleasure to introduce a newsletter with an intention to communicate the academics, research and infrastructure developments of the institute to the students, staff and well-wishers of NITT. The Newsletter will be a channel for suggestions on improvement and to share research ideas. I solicit the support of faculty, students and staff to send articles of common interest to the newsletter. Nothing should be limited as long as it helps betterment of the institute. The suggestive materials for publication will be the details about the research projects undertaken, papers presented in the conferences, papers published in journals, new equipment or infrastructure added, value addition in existing methods, new innovations for energy conservation, methods for better service and so on. I appreciate the Office of the Dean ICSR for taking efforts for this monthly publication. Please mail/email the information to Dr S Kumanan Associate Dean (ICSR) kumanan@nitt.edu for further processing. Looking forward for interesting suggestions and articles of common interest from the staff and students of NITT.

PROF M CHIDAMBARAM

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Director, Faculty, Students and staff extend warm welcome to the New Lecturers to NITT.

We wish them fruitful years in NITT.

Sl. No	Name	Department
1.	Ms.V Sunitha	Civil
2.	Smt. R Manjula	Civil
3.	Dr.S T Ramesh	Civil
4.	Ms.P Revathi	Civil
5.	Mr.T.Shashidhar	Civil
6.	Dr.K.Muthukkumaran	Civil
7.	Mr.M Perumalsamy	Chemical
8.	Ms.K N Sheeba	Chemical
9.	Dr A Arunagiri	Chemical
10.	Dr R Karvembu	Chemistry
11.	Dr V M Biju	Chemistry
12.	Mrs.B Janet	Computer Application
13.	Mr.R Mohan	Computer Science
14.	Ms.S. Jaya Nirmala	Computer Science
15.	Smt. R Thilagavathy	Electronics and Commn.
16.	Mr.E S Gopi	Electronics and Commn.
17.	Mr.N Gunavathi	Electronics and Commn.
18.	Ms.R S Meenakshi	Electronics and Commn.
19.	Ms.B Rebekka	Electronics and Commn.
20.	Mr.G.Thavasi Raja	Electronics and Commn.
21.	Mr.G.Saravana Ilango	Electrical and Electronics
22.	Ms.S Mageswari	Electrical and Electronics
23.	Mr.S Senthil Kumar	Electrical and Electronics
24.	Mr.M P Selvam	Electrical and Electronics
25.	Mrs. M. Venkata Krishna	Electrical and Electronics
26.	Mr.P. Raja	Electrical and Electronics
27.	Ms.V Sridevi	Instrumentation
28.	Mr.N Sivakumaran	Instrumentation
29.	Mr.K Srinivasan	Instrumentation
30.	Dr.Saroj Panigrahi	Maths
31.	Dr.V.Velulakshmanan	Maths
32.	Mr.V ArulMozhi	Mechanical
33.	Mr.T Ramesh	Mechanical
34.	Mr.K R Balasubramanian	Mechanical
35.	Mr.V Mariappan	Mechanical
36.	Mr.L.A.Kumaraswamidhas	Mechanical
37.	Ms.C Vanitha	Metallurgy
38.	Mr.N Ramesh Babu	Metallurgy
39.	Dr J Hemalatha	Physics
40.	Dr R Sankaranarayanan	Physics
41.	Dr M Ashok	Physics
42.	Dr M C Santhosh Kumar	Physics
43.	Mr.G Kannan	Production Engg
44.	Dr.P Sathiya	Production Engg
45.	Mr.C Sathyanaryanan	Production Engg
46.	Mr.P Senthil	Production Engg
47.	Mr.S Prassana Venkatesan	Production Engg
48.	Mr.K Panneerselvam	Production Engg
49.	Mr.P.Parthiban	Production Engg
50.	Mr.R. Jeyapaul	Production Engg
51.	Mr.S. Balan	Production Engg

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TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP)

INTRODUCTION

Technical Education Quality Improvement Programme (TEQIP) is a prestigious project of Government of India, funded by The World Bank. Objective of TEQIP is *to support the production of high quality technical professionals through reforms in the technical/ engineering education system in order to raise productivity and competitiveness of the Indian economy.* The Technical Education Quality Improvement Program will help to introduce several basic policy and institutional reforms in the existing system in India. The reforms will focus on governance and financing of institutions, promotion of excellence through competitive funding, networking of institutions for better utilization of resources, closer interaction with local community and economy, and improved capacity of system management.

The Program would be implemented as a centrally coordinated, multi-state, long-term program of 10-12 years in 2-3 overlapping phases, each of about 5 years duration. Initially, The World Bank assistance would be provided only for the First Phase of about 5 years. 18 centrally funded and 114 state-sponsored institutions (including 20 polytechnics) are currently participating in TEQIP. The Project assists competitively selected engineering colleges, technical universities and polytechnics from the participating states in achieving their own vision of institutional development and academic excellence.

TEQIP at National Institute of Technology, Tiruchirappalli

Under TEQIP, only such institutions with well thought-out proposals, and very firm and explicit commitment to establish an entrepreneurial, responsive, participatory and accountable management culture were selected as lead institutions. National Institute of Technology, Tiruchirappalli (NITT) has been selected as a Lead Institution under TEQIP. The Total Project Lifetime Allocation for NITT, under TEQIP is Rs. 209.000 million. A total of Rs.170 million has been received so far in two installments. A financial target of Rs.120 million was set for NITT for March 2006 and it is significant to note that NITT has exceeded Rs.135 million by the end of March 2006.

PROMOTION OF ACADEMIC EXCELLENCE:

Promotion of Academic Excellence covers reorientation of curricula, restructuring of course, updation of syllabi, modernization of laboratories and enhancing learning resources, training faculty and staff and enhancing the skill and knowledge of OBC and SC/ST students of NITT.

EQUIPMENT & BOOKS AND LEARNING RESOURCES:

A total amount of Rs. 103.160 million has been earmarked only for equipment for all the departments covered under TEQIP. A wide range of equipment and software has been procured for the departments participating in TEQIP. In addition, delivery of many equipment are awaited. All the faculty members selected in the recent recruitment are welcome to interact with the faculty members in their respective departments who are in charge of procuring the equipment, under TEQIP and familiarize themselves with the use and operation of such equipment. List of equipment already procured and equipment awaited for each department has been prepared, separately for each department.

The main library has been strengthened significantly by procuring latest books and learning resources (LRs), including subscription to online journals. A total amount of Rs. 26.910 million has been earmarked only for books and learning resources. Many books, which have been already ordered and supply awaited will also enhance the library collection quantitatively and qualitatively.

FACULTY TRAINING:

Faculty members from the departments covered under TEQIP are being sent for training within the country and abroad. The Second Phase of TEQIP, which is likely to commence during 2007-08, envisages training of faculty members in the cutting-edge technology to enhance their competence and skills. The new faculty members may have adequate opportunity to acquire new knowledge by undergoing training during the Second Phase.

TRIBAL DEVELOPMENT PLAN (TDP):

TEQIP emphasizes the development of the reserved category students at NITT, by enhancing their knowledge and skills, under this TDP. Faculty members can play a significant role by identifying such students, in their respective courses, who need assistance in their learning process and conduct free additional / special / remedial classes to strengthen their subject understanding. Training these students for GATE, Technical Training & Communication Skill Development and Guidance & Counselling are a few of the possibilities. Faculty members are welcome to play a positive and active role in the Tribal Development Plan.

NETWORKING OF INSTITUTIONS:

NIT, Warangal and NITK, Surathkal are the two Network Partners of NITT. The network activities would, among others, include sharing of teaching, learning, physical and human resources; faculty and staff competence enhancement; improvement of academic processes; and joint publications, researches and consultancies. A total amount of Rs. 4.880 million has been earmarked for networking activities. Each department covered under TEQIP is required to carry out such activities listed above and the departments have been allotted funds for networking. The recently recruited faculty members can interact with the concerned faculty member who coordinates the network activities in their respective departments and enrich the network activities.

SERVICES TO COMMUNITY AND ECONOMY:

Services to Community and Economy has three important sub components as follows:

- a) Service to Community
- b) Service to Unorganized Sector of economy
- c) Service to Organized Sector / Industry personnel

In each one of the above three sub components, the ***technical competence and strength*** available at NITT should be used. A total amount of Rs. 9.940 million has been earmarked for networking activities.

Each department covered under TEQIP has been allotted specific amount to carryout these activities.

- (a) Service to Community can focus on a wide range of skill oriented training programs for women, reserved category persons from the society and unemployed youth.
- (b) Service to Unorganized Sector may include training to impart skills to masons, carpenters & bar benders, etc.
- (c) Service to Organized Sector / Industry Personnel may include arranging short-term courses, certificate courses, Knowledge enrichment programmes, etc.

The above three sub components provide excellent opportunity for all the faculty members to enrich the lives of people in adjoining / local society or community by using the competence and technical knowledge of the faculty members and the facilities available in NITT. The new faculty members are welcome to interact with the faculty member in their respective departments who coordinates such activities and actively participate in such programmes offered by their respective departments.