

RATIONALE

The Biomedical Electronics Technology takes beyond the basics of electronics into the world of advanced technical systems associated with medical care. The core health care science and research in medical sciences will have ever-increasing interface with technology areas. Electronic medical equipment is becoming increasingly complicated and computerized. The challenges created by the diversity and complexity of living systems require creative, knowledgeable and imaginative people working in teams to monitor, restore and enhance normal body function. The telemedicine technology interaction may involve two-way live audio and video visits between patients and medical professionals, sending patient monitoring data from the home to a clinic or transmitting patient images and medical files from a primary care provider to a specialist.

The course will enable the participants to understand the principles and operation of the state of art machines in biomedical electronics and to expose the research areas in this field.

COURSE CONTENT

- Biomedical Instrumentation
- Biomedical Equipment
- Medical Imaging Systems
- Medical Informatics
- Telemedicine
- Emerging Technologies

ELIGIBILITY

AICTE approved Engineering college teachers of Biomedical/ ECE/ EEE/ Electronics/ Instrumentation departments.

REGISTRATION FEE

No course fee is charged for the participants sponsored by the AICTE approved institutions.

HOW TO APPLY

Filled-in application in the prescribed format should reach the Professor & Head of Electronic Engineering on or before **25.07.2008**.

The registration of the participants would be confirmed on "First-come-first serve" basis, as the number of seats is limited.

INTIMATION OF SELECTION

Candidates will be intimated of their selection by Fax/ E-mail/ Telephone.

TRAVEL, BOARDING & LODGING

Selected participants will be paid TA limited to three tier AC train fare. Reimbursement for travel will be made only on the production of original to and fro tickets.

Boarding and lodging for the participants will be provided in the campus and the cost will be borne by NITTTR, Chennai.

COURSE METHODOLOGY

The course will be conducted by the faculty of NITTTR, Chennai and Guest faculty from nearby Institutions / Hospitals through a blend of lectures, demonstrations and visits.

CERTIFICATE

Certificate will be issued on satisfactory completion of the course.

**MHRD / AICTE sponsored
Summer School on**

"Biomedical Electronics"

04th August to 09th August 2008

REGISTRATION FORM

1. Name (in BLOCK letters) :

**2. Designation, Department
and Address of the College :**

3. Academic Qualification :

4. Experience (in years) :

a. in teaching: ___ yrs

b. in industry ___ yrs

5. Address for Communication:

6. Communication Details :

Mobile :

Office Phone :

Res. Phone :

Fax :

E-mail :

7. Gender Male / Female

**8. Do you need
accommodation** Yes / No

Date: **Signature of the Applicant**

(Xerox copies of the form also can be used)

SPONSORSHIP CERTIFICATE

This is to certify that Dr./Mr./Ms _____
_____ is working as _____ in the department of _____ of our institute.

I hereby sponsor him/her to attend the MHRD-AICTE summer school.

Signature of the
Sponsoring Authority:

Name of the
Sponsoring authority:

Office Seal

Please mail the filled in application to :

Dr. S. DHANASEKARAN,
Prof. & Head of Electronic Engineering,
National Institute of
Technical Teachers Training and Research,
Taramani, Chennai – 600 113.

ABOUT NITTTR, CHENNAI

National Institute of Technical Teachers Training and Research, Chennai (formerly TTTI, Chennai) is established by Government of India for planning, designing, organizing and evaluating quality training programmes, research studies and learning packages for technical and vocational education, industry and community. The Institute strives continuously and vigorously to further enhance its sensitivity to environmental changes and greater heights of excellence through active collaboration with national and international agencies on projects and programmes aimed at quality improvement of Technical Education System in the country.

IMPORTANT DATE

Last date for the receipt : **25.07.2008**
of application
Intimation of selection will be given by Fax/ E-mail /
Telephone.

For further details, please contact:

Dr. G. KULANTHAIVEL,

Assistant Professor of Electronic Engineering,
National Institute of
Technical Teachers Training and Research, Taramani,
Chennai – 600 113.

Mobile : 0-94441 89486
Tel. : 044 - 2254 5411 / 2254 5412

Fax : 044 - 2254 1126

E-mail : gkvel@nitttrc.ac.in
gkvel@rediffmail.com

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NITTTR, Chennai



AICTE, New Delhi

Course Co-ordinator

Dr. G. KULANTHAIVEL

Organised by

**Dept. of Electronic Engineering
National Institute of
Technical Teachers Training and Research
(Ministry of Human Resource Development
Government of India)
Taramani, Chennai – 600 113.**

Website : www.nitttrc.ac.in