

**Registration form
National Seminar on "Nanobiotechnology
Education and Research: Present and
Future"
21st & 22nd October 2010**

Name :
Gender :
Designation :
Qualification :
Institution/Organization :
Email ID :
Contact address/Phone :

Mode – : Oral/poster
Participant/Presenter
Title of paper :

Registration fee detail :

Date Signature

Registration fee:
Students : Rs. 300/-
Staff : Rs. 750/-
Industry / R&D : Rs.1000/-

(DD Should be taken in favor of "The Bio-
technology Centre, Anna University of Tech-
nology, Coimbatore)

On spot Registration:

Students : Rs.500/-
Staff : Rs.1000/-
Industry / R&D : Rs.1500/-

Call for abstracts:

Abstract should have maximum 400 words, A4 size, Font: Times New Roman, size 12, space 1.5. Only electronic submission will be accepted. One of the authors must be registered. Abstract should be sent to nberbtc@gmail.com

Important cut off dates:-

1)Submission of abstract : 25/08/2010
2)Intimation of acceptance : 31/08/2010
3)Registration : 15/09/2010

Accommodation:

No accommodation will be provided by the organizers. Participants should take care of their own arrangements.

Venue: Seminar Hall, Anna University of Technology, Coimbatore.

Organizers

Chief patron : Prof.Dr.K.Karunakaran
Vice Chancellor
Anna University of Technology, Coimbatore
Coimbatore – 641 047.
Patron : Cdr.S.Premchand
Registrar (i/c)
Anna University of Technology, Coimbatore
Coimbatore – 641 047.
Co Patron : Dr.M.Saravana Kumar
Dean, Academic Campus
Anna University of Technology, Coimbatore
Coimbatore – 641 047
Chief Advisor : Prof. Dr. N.M.Ramaswamy
Visiting Professor,
Biotechnology Centre.
Anna University of Technology, Coimbatore
Coimbatore – 641 047.
Organizing
Secretary : Dr. (Mrs.). P.Renuka Devi
Lecturer, Biotechnology Centre
Department of Nanotechnology
Anna University of Technology, Coimbatore
Coimbatore – 641 047.
Coordinator : Dr.K.Rajasekar
Lecturer, Biotechnology Centre
Committee members: Mr. R.Rajesh
Mr. E.Hemananthan
Mr.M.Chinna

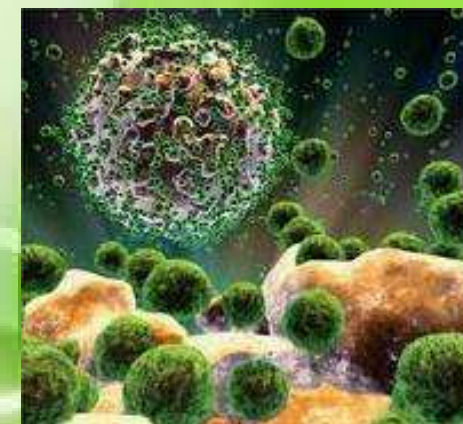


NATIONAL SEMINAR ON

**NANOBIOTECHNOLOGY EDUCATION
AND RESEARCH:
PRESENT AND FUTURE**

21st & 22nd OCTOBER 2010

NBER 2010



Organized by

**Biotechnology Centre,
Department of Nanotechnology,
Anna University of Technology, Coimbatore,
Coimbatore – 641047.**

About the Institution:

Anna University of Technology, Coimbatore is an affiliating type of University established by an act, 2006. (Tamilnadu Act No. 42 of 2006). The Government of Tamilnadu established the University and started functioning on 01-02-2007. It offers higher education in Engineering, Technology, Management and Allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and Industrial communities.

Biotechnology Centre

The Centre was started by creating two departments' viz. Nanotechnology and Biotechnology in August 2007.

Department of Nanotechnology

Nanotechnology, being a multidisciplinary subject, requires knowledge from different areas of physical, material and biological sciences.

At present a two year M.Tech. Nanotechnology course spread over four semesters is being offered since August 2007 at the Academic Campus of the University. The Post -graduate programme was started to generate human resource for catering to teaching, research and industry in Tamil Nadu which is first of its kind in our country. The curriculum includes theory and practicals and also research projects to meet the requirements of such a challenging field.

The curriculum has integral components of seminars and innovative topics for presentation by the students.

Nanobiotechnology Laboratory

Anna University of Technology, Coimbatore is proud to announce that this is the first laboratory which is exclusively meant for M.Tech. Nanotechnology students to use the sophisticated systems for their experiments and research activities.

Following are the systems commissioned in the laboratory:

Atomic Force Microscope (AFM) System

Scanning Tunneling Microscope (STM)

Nano Film Thickness Measurement

UV Excited Photoluminescence

Raman System with Spectrophotometer

Electrochemical Workstation

Nano Wire Preparation with Potentiostat

Particle Sizing through Spectrophotometer

Active Isolation Table

Diode Array Spectrophotometer

Nanoparticles Synthesis and Size Analysis

Spin Coating System

Department of Biotechnology & Nanobiotechnology

It collaborates in syllabus formulation in UG and PG courses in Biotechnology viz., B.Tech, M.Sc. and M.Tech. being conducted in colleges affiliated to this university.

Efforts are on to develop Biotechnology Centre as a Centre of Excellence in Nanobiotechnology.

About the seminar programme

Nanotechnology has different facets and a broad field to understand. The programme is an initiative to give an opportunity to students, researchers and scientists to discuss and interact about the advances and applications of nanobiotechnology. This seminar will pave the way for future research in the field of nanotechnology. It will help in developing a greater mutual appreciation of related disciplines apart from Nanobiotechnology. The aim of NBER 2010 is to present the recent educational and research opportunities in nanoscience and technology covering:

- Nanobiotechnology
- ◆ Nanomedicine
- ◆ Nanocomposites
- ◆ Quantum nano structures
- ◆ Nanomechanical engineering and sensors
- ◆ Industrial and commercial application of Nanomaterial
- ◆ Nano engineering
- ◆ Nanotechnology for environment
- ◆ Nanobiotechnology education
- ◆ Nanotechnology in textile industry
- ◆ Nanotoxicology