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Ms. Sukanya N.

One Day Symposium

on

**CURRENT TRENDS IN PHOTONICS
AND ITS APPLICATIONS**

Saturday, 20th March 2010



Organised by

Department of Physics, BNMIT

In Collaboration with



**IEEE Photonics Society
Bangalore Chapter**



Vidyaya Anuratham Ahmudhe

B.N.M. Institute of Technology

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ABOUT BNMIT

BNMIT is one among a handful of Engineering colleges which are located in the heart of the city of Bangalore. It is situated in Banashankari II stage, a quiet and well known locality of the city with good access to all essential facilities. The calm and serene campus is set in lush, landscape gardens and enveloped by hundreds of trees away from traffic, best suited for pursuit of excellence in studies.

In a short span of time, BNMIT has done exceedingly well in academics to be bracketed among the top five colleges of Karnataka. BNMIT has highly qualified and experienced faculty. This has enabled students to perform well in academics, cultural and sports events. BNMIT offers engineering courses in Electronics & Communication, Telecommunication, Electrical & Electronics, Computer Science and Information Science Engg., branches. Several students have secured ranks in the University examinations. All the top companies regularly visit the campus for placements. BNMIT has R&D centers in Department of Electronics & Communication Engg., Electrical and Electronics Engg., Computer Science & Engg. and Mathematics.

BNMIT also offers a Master Degree in Business Administration. With a good industry-institution interaction, BNMIT is regularly organizing national and international level workshops and seminars and has received high appreciation from the institutions in particular and the Technology fraternity in general.

DEPARTMENT OF PHYSICS

The Department has experienced and academically oriented faculty. The faculty members are involved in sustained developmental programs and also participate in seminars and workshops for upgrading their level of knowledge. The staff have published papers in International and National level journals on the current topics in physics. The Department is actively engaged in research areas of Photo-physics, Materials Science and Astrophysics.

ABOUT THE SYMPOSIUM

Photonics, the science and technology of the generation, emission, transmission, modulation, signal processing, switching, amplification, detection and sensing of light has wide range of potential applications. It has applications in consumer instruments like barcode scanner, CD/DVD, remote control devices etc. It also plays a vital role in most challenging fields like medicine, military, information processing, quantum computing etc.

The aim of the Symposium is to introduce the emerging photonic technology and its applications to young researchers in particular & teaching fraternity in general. This Symposium is intended for the enthusiastic teachers and post graduate students interested in innovative methods of learning and carrying out research in photonics. The Symposium will provide a modern outlook on understanding the subject with high application potential. The experience of various researchers working in the premier institutions in this field will stimulate many more teachers and students to explore photonics in a right perspective.

The following topics will be covered by the eminent speakers in this Symposium.

- ❖ Photonics: Past, Present and Future
- ❖ Optical Materials and Technology
- ❖ Fiber Optic Sensors
- ❖ Holography & its Recent applications
- ❖ Bio-photonics
- ❖ Nano-photonics
- ❖ Photonics applications in satellite systems

Registration Fee:

For Teachers and Students: Rs. 250/-

Participants from Industry: Rs. 500/-

Registration fee to be paid in the form of DD / Cash in favour of BNMIT payable at Bangalore.

Teachers and students from Physics, Electronics, Electrical and Telecommunication Engineering departments and Professionals from industry are invited to attend.

Last date for Registration is 10th March 2010.

Address for Communication

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B.N.M. Institute of Technology

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REGISTRATION FORM

Name :

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Registration fee Details.....

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Signature of Applicant

Signature of Sponsoring
Authority

Note: Photocopies of Registration form may be used, if needed.