

B.N.M. Institute of Technology

(Approved by AICTE, Affiliated to VTU, ISO 9001:2008 Certified and Accredited as 'A' Grade Institution by NAAC)

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Faculty Development Program

on

Modern Materials and their Applications

16th – 20th January 2018

Registration Form

Name

Designation.....

Dept.....

Institution.....

Address.....

Phone.....

Email:

Cheque / DD No.....

Amount:

Date.....

Signature of Applicant

Signature and seal of
Head of Institution

About B.N.M. Institute of Technology

BNM Institute of Technology was established by the charitable trust M/s. Bhageerathi Bai Narayana Rao Maanay Charities, in the year 2001. BNMIT is a progressive educational institution offering Under Graduate Programs in Computer Science & Engineering, Information Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Mechanical Engineering. The institution also offers M.Tech. programs in Computer Science Engineering, Computer Applications in Industrial Drives, VLSI & Embedded Systems and MBA in Management studies. BNMIT has profound focus on research where all the departments are recognized as research centers offering Ph.D. degree in Science and Engineering. The institution has qualified and experienced faculty members. BNMIT Students have been consistently securing ranks at undergraduate and postgraduate levels in VTU examination. Various National/International conferences, seminars, workshops and faculty development programs are regularly being organized at BNMIT which has been attended by several eminent International and National experts from the industry and academia serving as resource persons and Chair persons.

About Department of Physics

Department of Physics has highly qualified, experienced and research oriented faculty. The Department is actively involved in Research activities in emerging areas of Molecular Spectroscopy, Nanoscience and Materials science. The department offers Ph.D. in Physics through VTU recognized research centre. The department research centre is

equipped with UV-Vis Spectrophotometer, Electronic balance, Hot air oven, Sonicator and Gaussian software. Faculty and research scholars of the department have published good number research papers in reputed National and International journals. Department offers two open elective courses namely Advanced Physics for Engineers and Laser Physics & Non-linear optics for VI & V semester B.E. students respectively.

About Faculty Development Program

Over the years there have been changes in man's choice of materials for his engineering activities. The ages and time period of man's activities on earth are usually referred to by The Stone Age, The Iron Age and the current Silicon Age. But, the challenges of the current world are constantly fuelling discovery and development of new kinds of materials with desired properties at right cost to meet the challenges of the current world.

With the development of material science, many new, high-quality and cost-effective materials have come into use in various fields of engineering. In the last few decades, materials have become multifunctional which require optimization of different properties. The next evolutionary step being contemplated is design of materials for specific applications.

Materials used in "High-Tech" applications are usually designed for high performance; examples are titanium alloys for supersonic aeroplanes, magnetic alloys for computer disks, special ceramics for heat shield of the space shuttle, etc. The more familiar an engineer or scientist is with the various characteristics and structure–property relationships, as well as processing techniques of materials, more proficient and confident

will he or she be to make judicious material choice based on these criteria. This Faculty development program provides an opportunity for enthusiastic faculty members to enrich their knowledge on modern materials, their processing techniques and applications by interacting with experts from premier academic / research institutions.

This FDP focuses on:

- Nanomaterials
- MEM's & NEM's
- Optical Materials
- Liquid Crystals
- Organic Materials
- Fiber Materials
- Smart Materials
- Nanocomposites
- Spintronics
- Materials in Defense

Resource Persons: The experts for the FDP will be from IISc, JNCASR, RRI, NAL, BEL and other premier Institutes/Industries.

Eligibility: The program is open to the faculty members of Physics, Chemistry, Mechanical, Civil and Electronics Engineering departments. Maximum number of participants is limited to 40.

Registration Fee: Rs.500/-

Fee may be sent along with application form. The DD should be drawn in favor of "BNMIT MATHS" payable at Bengaluru.

The payment may also be paid through NEFT

NEFT details:

Account Name: BNMIT MATHS
Account No.: 1147101032831
Bank Name: Canara Bank
Branch Name: BSK 2nd Stage
IFSC Code: CNRB0001147

Important Dates:

Last date for Registration: **31st December 2017**

Venue: BNMIT, Bengaluru - 560 070

Patrons:

Dr. C. Naganna, Chairman, BNMIT

Shri. Narayan Rao R. Maanay, Secretary, BNMEI

Advisory Committee:

Prof. T. J. Rama Murthy, Director, BNMIT

Dr. M. S. Suresh, Dean, BNMIT

Dr. Krishnamurthy G. N., Principal, BNMIT

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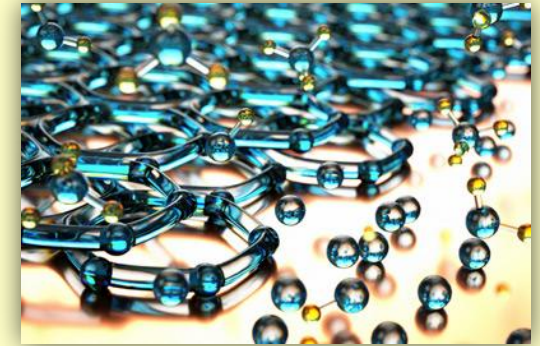
schandrasekhar@bnmit.in

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on

MODERN MATERIALS AND THEIR APPLICATIONS

16th - 20th January 2018



Organized by

Department of Physics



Vidyaya Amrutham Ashnutha

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