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NITTE

Two Day
WORKSHOP
on

Structured Approach in Engineering Education for Quality Enhancement

(TEQIP II FUNDED)

July 29-30, 2016

Coordinators

**Dr. K. Subrahmanya Bhat
&
Dr. Srinivasa Pai P**

Organized by

**Internal Quality Assurance Cell
&
Engineering Education Research Forum**

NMAM INSTITUTE OF TECHNOLOGY

NITTE -574 110, Udipi District, KARNATAKA.

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Preamble

Engineering education has seen lot of changes in the last few years. The increased use of information and communication technology and scientific advancements has increased the responsibility of teachers who teach engineering. The rapid growth in the number of engineering colleges, particularly in the private sector has led to deterioration in the quality. The diversity in the student population, changes in the culture and tradition, improvement in the quality of life and 'digitally smart' and intelligent students have all increased the challenges of the teachers. The need for quality improvement in technical education has resulted in initiatives like ISO standards, TQM and accreditation. Outcome Based Education (OBE) is the order of the day. Thus for engineering teachers, the focus has shifted from just teaching, evaluation and marks to teaching-learning process, continuous evaluation, grades, learning outcomes, course outcomes, program outcomes and finally performance of the students after graduation. Teachers have multiple roles in this changed scenario and there is a need to orient the teachers in this direction. They need to understand and apply formal methods in teaching engineering. They should perform the roles of teacher and more of a facilitator and also know about the other roles they need to take up, understand other issues like teaching-learning styles, pedagogy, adopting technology, use of internet and E-resources, engaging students in the class, student discipline, undertaking research etc.

In this context this two day workshop is being organized to help faculty to understand their role in the changed context and how effectively they can handle these challenges. This workshop will provide a bird's eye view of some major issues and will explore the need to have a formal structured course to train the faculty.

About the Institution

Nitte Mahalinga Adyanthaya Memorial Institute of Technology, affiliated to VTU, Belagavi is an

autonomous Institution offering UG, PG and Doctoral programmes. It is a unit of Nitte Education Trust, Mangalore. It currently offers 7 UG programmes in engineering, 10 M.Tech programmes, MBA and MCA programmes. Most of its UG programs are accredited by NBA, New Delhi and it is an ISO 9001:2008 certified Institution. It has been recognized as a 'Lead Institution' under the World Bank Funded TEQIP programme (both Phase I & II). NMAMIT has completed 30 years of its existence this year.

Resource persons

Internal and external resource persons will handle different sessions.

Participants

Faculty members of engineering departments

Topics to be covered

- **Significance of teaching engineering**
- **Teaching methods and styles - pedagogy**
- **Designing the course contents**
- **Evaluation and assessment**
- **Problem solving & Creativity**
- **Role of an engineering teacher**
- **Outcome based Education & Accreditation**
- **Bloom's taxonomy**
- **Case studies**

Registration

Registration will be done on 'FIRST COME FIRST SERVED' basis. Number of participants restricted to 30. Registration fees Rs.500/-. Complete the registration form and make Payment by DD drawn in favour of 'THE PRINCIPAL, NMAMIT', payable at Nitte / Karkala.

Important dates

Last date for Registration - July 20, 2016

Confirmation of registration - July 22, 2016

The course material will be made available in a CD for personal use only.

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Registration form

Name :

Affiliation :

Department :

Telephone No. :

Email :

Signature :

Date :

Place :

Endorsement by the Head of the Institution

Please return this to:

Dr. K.Subrahmanya Bhat

Dean – Student Welfare & IQAC Director
NMAM Institute of Technology,

Nitte -574 110.

Email: subrahmanyabhat@nitte.edu.in

Mobile: 9449258142



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