DECLARATION

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Programme. If selected, I shall attend the Programme for the entire duration. I also undertake the responsibility to inform the Coordinators sufficiently in advance, in case I am unable to attend the Programme.

Place:
Date: Signature of the applicant

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr./Ms .....……..... .....is an employee of our institute/department and is hereby sponsored for the Faculty development Programme on RESEARCH METHODOLOGY FOR SCIENCE, ENGINEERING AND MANAGEMENT, at NIT Calicut during the period **25th – 30th, May 2015.** He/she will be permitted to attend the Programme fully, if selected.

Place Signature of the sponsoring
Date: Authority (with Seal)

COORDINATORS

Dr. R. Sridharan & Dr. G. Varaprasad
Department of Mechanical Engineering
National Institute of Technology Calicut
NIT Campus (P.O), Calicut - 673601
Kerala, India.
Phone : +91-495- 2286406, 2286403
Mob: 09495788136, 09809600900
Fax: + 91-495-2287250
e-mail: sreedhar@nitc.ac.in
e-mail: gvp@nitc.ac.in

ELIGIBILITY

This is an interdisciplinary programme. Faculty from AICTE recognized engineering colleges, polytechnics, research scholars, post graduate students and persons from industries and research organizations who are interested in the topic and working in AICTE/ MHRD approved institutions are eligible to apply.

REGISTRATION FEE

A registration fee of **Rs. 7,500/-** (Refundable if NOT selected) will be charged from the participants. The registration fee includes charges towards registration kit, course material, lodging and boarding. The DD for Rs. 7,500/- shall be drawn in favour of **"THE DIRECTOR NITC", payable at SBI, NITC Branch Chathamangalam, Code No. 2207** and it has to be sent along with the registration form. No TA/ DA is admissible to the participants.

HOW TO APPLY?

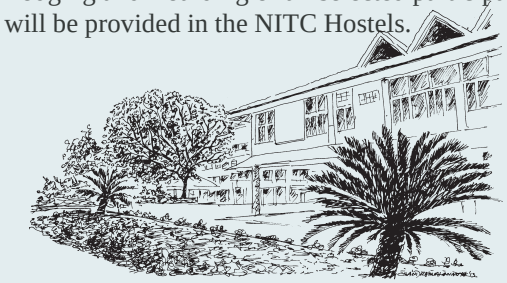
The registration form can be downloaded from the NITC website. The filled in registration form along with the demand draft towards registration fee should reach the Coordinator on or before **15-05-2015**.

SELECTION

Selection will be on first-come-first-served basis. The number of participants is limited to 50. The selected participants will be intimated through e-mail by **16-05-2015**. All further communications will be through e-mail only.

ACCOMMODATION

Lodging and Boarding of all selected participants will be provided in the NITC Hostels.



TEQIP SPONSORED

Faculty Development Programme

on

RESEARCH METHODOLOGY FOR SCIENCE, ENGINEERING AND MANAGEMENT

May 25-30, 2015

Coordinators
Dr. R. Sridharan
Dr. G. Varaprasad

Organized by
DEPARTMENT OF MECHANICAL ENGINEERING
&
CENTRE FOR CONTINUING EDUCATION
NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NIT Campus P.O., Calicut - 673601.Kerala, India

INTRODUCTION

This Programme on Research Methodology for Science, Engineering and Management is primarily targeted at Research Scholars either pursuing or planning to do research in the area of science, engineering and management. The orientation of the Programme is towards applied, computational and field data based research. This Programme will be helpful for the institutions offering courses in research methodology. This Programme will be the platform for academicians and researchers in science, engineering and management for networking with specialists and renowned researchers.

OBJECTIVES

The key objective of the program is to enable the participants to define a research problem and develop a suitable methodology for addressing the problem. The participants will also learn about the use of various data analysis methods in research. The topics include how to design the study, how to collect data for research, how to analyze and report research data. The primary focus will be on survey research, experimental research and field data based research.

EXPECTED OUTCOMES

Research in the field of science, engineering and management follows certain process such as formation of the topic, research design, hypothesis formulation, data collection, data analysis, testing and revision of hypothesis. The outcomes of this Programme will be:

- Well motivated students and faculty to pursue research
- Enhanced skill and knowledge in research methodology
- Adequate expertise in preparing research papers and research promotion proposals

TOPICS

- Research Questionnaire & Hypotheses Formulation
- Sampling and Data Collection
- Data Preparation
- Hypothesis Testing
- Experimental Design – Analysis of Variance
- Research Report/ Paper Writing

RESOURCE PERSONS

Eminent Faculty from IITs, IIMs, NITs and other reputed institutions.

ABOUT NITC

(www.nitc.ac.in)

NITC was set up in 1961 as Calicut Regional Engineering College (CREC). The Ministry of Human Resource Development (MHED), Government of India, accorded Deemed University status under the name "National Institute of Technology Calicut (NITC)" to CREC in June 2002 granting it academic and administrative autonomy.

NITC has ten departments, nine centers and three schools. It offers nine undergraduate programs and twenty five post graduate programs apart from the Ph.D. programs. The institute has good infrastructure in computing, information technology, laboratories and central library including digital library. All the departments have separate computing facility in addition to the central facility.

NITC is located about 22 kilometers north-east of Calicut City. Calicut, also known as Kozhikode, is known as the city of spices. Kozhikode beach, Kappad beach where Vasco De Gama landed first, Kadalundy bird sanctuary, Tusharagiri Waterfalls, Pazhassiraja Museum, Tali Temple and Kuttichira Masjid are some of the local attractions.

Faculty Development Programme on

RESEARCH METHODOLOGY FOR SCIENCE, ENGINEERING AND MANAGEMENT

May 25-30, 2015

National Institute of Technology Calicut

REGISTRATION FORM

1. Name …….....……
2. (a) Date of Birth ……...…(b) Sex:M/F
3. Designation …….....……..
4. Institution …….....…….
5. Address for communication:
   .....……..
   .....……..
   .....……..
   .....……..
   Phone (L)……...….. (M)…….
   E-mail address…....……
6. Qualifications:
   .....……..
   .....…….
7. Area/ Discipline:
8. Specialization:
9. Registration Fee:

D.D.Number:……..Date:…… Name of Bank: …….....……....

10. Whether accommodation needed: Yes/No

Place:
Date: Signature of the Applicant