

RECOMMENDATION

Dr./Mr./Mrs.-----
-----,an employee of our
institute/ department is hereby allowed to
attend the FDP on **“Current Approaches in
Teaching and Research in Science and
Technology”** at Tezpur University.during **Dec
15th -Dec 27th**

Signature of the Recommending Authority

Date:

Designation

Office Seal

Application should reach:

Professor J.C.Dutta
Coordinator,
Department of ECE
Tezpur University
Napaam.Tezpur-7840028, Assam
Mob. +91 9954449462
Email: jitend@tezu.ernet.in

or

Dr.M.K.Hazarika
Co-coordinator,
Department of FET
Tezpur University
Napaam.Tezpur-7840028, Assam
Mob. +91 9435700993
Email: mkhazarika@tezu.ernet.in

ELIGIBILITY

Teachers having working experience in AICTE approved institutions/ University departments are eligible to participate in this programme. No course fee will be charged from such participants. Eligible applicants should forward the application through the competent authority of the serving Institute.

FINANCIAL ASSISTANCE

The participants will be provided financial assistance in the form of TA as per norms.

BORADING AND LODGING

Free board and lodging for the participants will be arranged in the University hostels. However, bedding can be arranged on payment basis. Lodging can also be arranged in the University Guest House (subject to availability) on payment of rent.

IMPORTANT DATES

Last date of receipt of duly sponsored applications: **25th November, 2014**
Intimation of selection: **1st December, 2014**

N.B. Photo copy of the application form is also acceptable.

For any query, the coordinators may be contacted.

Faculty Development Programme (FDP)

on
**‘Current Approaches in Teaching and
Research in Science and Technology’**



15th Dec -27th Dec, 2014

Under FDP of AICTE - NEQIP Scheme

Organized by
**School of Engineering
Tezpur University
Napaam
Tezpur-784028
Assam,India
www.tezu.ernet.in**

INTRODUCTION

Contemporary approaches of teaching and research has ushered in a new paradigm, essentially laying emphasis on stimulating inquisitiveness in the process of acquiring and assimilating new scientific knowledge and concepts, rather than treating students as a passive recipient of information. This modern approach to pedagogy, which has been globally adopted in contemporary times, however, also poses challenge in its effective delivery. In the backdrop of this scenario, it becomes imperative that teachers and instructors are equipped to handle these challenges in an effective way. Similarly, the exposure to tools and scientific approaches of planning and execution of research will equip the teachers for effective supervision of project or research students.

This two week Faculty Development Program (FDP) under the AICTE-NEQIP is proposed to identify and describe different contemporary teaching and research approaches in science & technology and promote inquiry based education and research tools among the participants.

ABOUT TEZPUR UNIVERSITY

The Tezpur Central University is situated at Napaam amidst idyllic, sylvan settings about 15 km from Tezpur town. ASTC buses ply at regular intervals between the ASTC bus station in the town and the University campus at Napaam.

OBJECTIVES:

- To bring awareness among the faculty about the current approaches in Teaching and Research
- To enhance the Teaching and Research skills of the faculty
- To motivate the faculty to achieve competitive teaching and learning.

FACULTY

Eminent educationists and researchers from IIT Kharagpur, IIT Guwahati, ISI, Tezpur University, will deliver lectures and conduct classes.

COURSE CONTENTS:

- Higher Education policy in Science and Technology
- Approaches to develop new concepts, methods and techniques
- Research Methods
- Research Ethics
- Trend in Research
- Green Technology
- Statistical techniques
- Computational techniques
- Basic contents: Optimization techniques, Transport processes, Neuro-bioengineering, Energy development, Measurement and instrumentation etc.
- Pedagogy Educational Technology
- Outcome based curriculum
- Teaching plan and content delivery
- Learning Management Systems
- Continuous improvement and monitoring

Faculty Development Programme (FDP)

on

“Current Approaches in Teaching and Research in Science and Technology”

Dec 15th - Dec 27th, 2014

Application Form

1. Name(In block letters):
2. Sex
3. Designation:
4. Department:
5. Organization
6. Address for communication:

Pin:

Ph.No.:

Fax no.:

E-mail:

7. Highest Academic Qualification:
8. Teaching Experience (in years):

Kindly register me for the FDP short-term course on Current Approaches in Teaching and Research in Science and Technology

Place:

Date:

Signature of the Applicant