#### **Introduction:**

Outcome based education is student centered instruction that focuses on measuring student performance i.e. outcomes. Outcomes include knowledge, skills, and attitudes. Outcome based education focus remains on evaluation of outcomes of the program, though input and output parameters are also important.

In 1986, Govt. of India came out with National Policy on Education. As a follow up of this policy statement, Govt. of India established two separate bodies namely National Board of Accreditation (NBA) through All India Council for Technical Education (AICTE) and National Assessment & Accreditation Council (NAAC) through University Grants Commission (UGC) in the year 1994.

Both the bodies provide accreditation to those institutions practicing prescribed Quality Assurance System and achieve specified level of quality as per the criteria defined. While NAAC concentrates on the Institutional Accreditation, the NBA focuses largely on the parameters that communicate the strength & weakness of a program. Accreditation of programs through NBA is also made mandatory for the engineering colleges.

In order to achieve the accreditation of programs, the learning and teaching practices of outcome based education and research components play a vital role amongst various criteria that are followed in the accreditation process. In view of the above, the faculty members of colleges are required to have know how on outcome based education, research planning, publications and research funding.

#### **Workshop Discussion Themes:**

- ➤ Introduction on Outcomes Based Education and Objectives
- > Process of developing vision & mission of Institute/Department
- Writing PEOs
- > Process of curriculum development
- > Defining, redefining & Program Outcomes (Pos)
- > File preparation and document management
- > Developing courses outcomes (COs)
- ➤ Mapping of COs & POs
- Research Plan, Literature Review, Hypothesis Development and Thesis Writing
- ➤ Research Funding Opportunities & Proposal Writing
- > Open Knowledge Systems
- Research Ethics & Paper Writing

#### Who should Attend?

Faculty members working in engineering colleges.

#### **Registration Fees:**

No Registration Fees.

#### **Address for Correspondence:**

#### Dr. N. Darga Kumar/ Dr. K. Shah Chatrapathi

Mail ID: ndkjntu@gmail.com Mobile: 7981684732/9866301501

#### **Program Duration:**

28<sup>th</sup> Feb 2020 – 29<sup>th</sup> Feb 2020

#### Venue:

Seminar Hall, JNTUH College of Engineering Manthani.

#### Two Day Workshop On

#### "Creating Awareness on Outcome Based Education & Research Methods for Engineering Faculty"

(Under TEQIP - III) (28<sup>th</sup> Feb 2020 – 29<sup>th</sup> Feb 2020)

### Coordinators Dr. N. Darga Kumar

Head Dept. of Civil Engineering

#### Dr. K. Shahu Chatrapathi

Head Dept. of Computer Science & Engineering

#### **ORGANIZED BY**







J N T U H College of Engineering Manthani Pannur Village, Ramagiri Mandal Peddapalli Dist., Telangana - 505 212.

#### **Workshop Objectives:**

This workshop will familiarize the concept of outcome based education, analyze the literature and review the outcome based approach for the quality assessment, curriculum improvement in the view of program accreditation through NBA. The outcomes-based approach is student centered and focuses on evaluation of the education and its entailed learning. The program is aimed to empower the faculty members to increase the learning effectiveness and instructional quality and to design better curriculum. Also aimed to improve research culture in an educational institution.

#### Resource Persons:

The resource persons are drawn from the academic institutions of excellence those who have rich experience in the implementation of outcome based education and research. The resource persons have experience more than 20 years in academic teaching, research and curriculum development.

The resource persons whom we have invited for the workshop have served in the capacities of Principals, Directors, Vice Principals, Heads and Senior Professors in the reputed academic institutions.

Their rich experience in the process of academic program accreditations and institutional research culture development which they are going to share in the 2-Day workshop will enhance the learning teaching skills and research thinking of faculty members who are going to participate the workshop.

#### Patron

Sri. Jayesh Ranjan, IAS In-charge Vice Chancellor, JNTU Hyderabad

#### Co-Patron

Prof. A. Govardhan Rector & I/c Registrar, JNTU Hyderabad

#### Convener

Prof. R. Markandeya, Principal JNTUH College of Engineering Manthani

#### Co-Convener

Prof. B. Vishnu Vardhan, Vice Principal JNTUH College of Engineering Manthani

#### Coordinators

Dr. N. Darga Kumar Head Dept. of Civil Engineering, JNTUHCE Manthani

Prof. K. Shahu Chatrapathi Head Dept. of Computer Science & Engineering, JNTUHCE Manthani

#### **Advisory Committee Members**

Prof. K. Chandra Sekharaiah

Prof. Ch. Sridhar Reddy

Sri. R. Durga Rao

Prof. Jagannath Jetty

Dr. K. Prasanna Lakshmi

#### **Registration Form:**

Two Day Workshop On

## "Outcome Based Education & Research Methods for Engineering Faculty"

(Under TEQIP - III) (28<sup>th</sup> Feb 2020 – 29<sup>th</sup> Feb 2020)

# Coordinators Dr. N. Darga Kumar Head Dept. of Civil Engineering Dr. K. Shahu Chatrapathi Head Computer Science & Engineering

- 1. Name(block letter):
- 2. Designation:
- 3. Organization:
- 4. Address:
- 5. Ph. No.:
- 6. Email:

#### DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the workshop and shall attend the program for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the workshop.

Place: Date: Signature: Recommended by HOD/Principal [Y/N]

Signature of HOD/Principal with Seal Scanned copy of registration form is to be sent to mail ID: ndkjntu@gmail.com