

### Teaching-Learning Centre of NIT Warangal:

The Teaching-Learning Centre (TLC) is established at NIT Warangal with grants from the Ministry of Human Resource Development, Government of India under the scheme, 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNTT). Under this scheme a separate building for TLC with the state-of-art training facilities which include a studio for video recording of lectures is coming up. Many senior and young faculty members across various departments of the Institute are associated with this center as members of the Core-Team.

One of the important Objectives of the center is to conduct Short Term and Medium Term Training Programs for Newly Inducted Teachers and In-Service Teachers, so as to enhance their skills.

Other activities of the TLC include preparation of e-Learning Materials, offering courses on-line, Curriculum Development, carrying out research in pedagogy and integrating ICT into Teaching-Learning Process.

### About NIT Warangal:

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premiere institute of higher learning and is ranked among the top technical education institutions in India. There are 13 Departments offering eight undergraduate and 32 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students pursue their education in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure, state of the art library, seminar halls, guest houses and laboratories.

### Contact Details:

**Prof. A. Ramachandraiah**

Professor-in-Charge and Coordinator, TLC, NIT Warangal

**E mail: mtlc.nitw@gmail.com**

**Internal Phone No: 2685**

**Mobile: 8332969704**

## EFFECTIVE TEACHING AND EVALUATION METHODS IN TECHNICAL EDUCATION

*(A Training Programme for Adhoc Faculty of NIT Warangal)*

**28<sup>th</sup> – 29<sup>th</sup> October, 2017**



*Organized by the*

**Teaching Learning Centre**

**National Institute of Technology Warangal**

**Warangal- 506 004**

**Telangana State**

**Under the PMMMNTT Scheme of MHRD, Govt. of India**

### COORDINATORS

**Prof. A. Ramachandraiah**

**Prof. L. Krishnanand**

**Prof. DVSS Siva Sarma**



## Background:

Teachers in Engineering and Science disciplines in higher education usually join the teaching profession without any formal training in teaching methodology and learning psychology. They develop teaching skills out of their own experiences or from experiences shared by colleagues in course of their teaching career. Most often, they are also influenced by the ways in which their teachers taught them.

Pedagogy in higher education has undergone revolutionary changes in the past few decades. Traditional methods of lecturing does not meet the demands of today's higher education needs, where Outcome-Based Education and Student-Centered Teaching have evolved as the order. Further, emergence of a plethora of ICT tools and their usage in Teaching-Learning process has been redefining the role of a teacher from a mere provider of information to a facilitator of learning.

Against this backdrop, a Two-Day training programme on '*Effective Teaching and Evaluation Methods in Technical Education*' has been planned to provide an opportunity for the adhoc faculty members to get trained in teaching strategies and assessment methods.

## Objectives:

- ❖ To enable the participants develop effective teaching skills.
- ❖ To enable the participants learn instructional methods to facilitate outcome-based education.
- ❖ To enable the participants develop suitable tools for assessment of students.
- ❖ To enable the participants imbibe the attributes of an effective teacher.

## Eligibility:

- Adhoc faculty members of all the Departments of NIT Warangal are eligible.

## Topics to be covered:

- ❖ Principles of Learning
- ❖ Formulating Instructional Objectives
- ❖ Domains and Taxonomies of Learning
- ❖ Outcome-Based Education
- ❖ Motivation and Learning
- ❖ Preparing and Using Animations in Teaching
- ❖ Professional Ethics for Teachers
- ❖ Strategies to Facilitate Active Learning
- ❖ Cognitive Layers-based Design of Questions
- ❖ Principles of Assessment
- ❖ Methods of Assessment and Grading
- ❖ Effective use of Instructional Media

## Resource Persons:

Core-Team Members of the TLC, Academic Staff of TLC and Senior Faculty from different Departments of NIT Warangal will deliver lectures and conduct Workshop Sessions.

## Registration Fee:

There is no registration fee, for this Programme

## Course Kit and Other Amenities:

Participants will be provided Course Kit, Working Lunch, and Refreshments during the Programme.

## Confirmation of Participation:

All adhoc faculty are requested to send the scanned copy of the filled-in the Registration Form through e-mail to: **mtlc.nitw@gmail.com** on or before **26<sup>th</sup> October 2017**. Alternatively, they can submit the hard copy to the **TLC Office**.