

## *A Cordial Invitation to*

***A workshop on “How to prepare students to attempt higher bloom level questions of a balanced question paper and enable them to analyze, thinking critically and innovatively” by Prof. Bhushan Trivedi***

**Date:**22/07/2014

**Time:** 9:30 AM to 5:30 PM

**Venue:** Gujarat technological university ,

Chandkheda campus,

Ahmedabad.

KINDLY REGISTER ON THE LINK GIVEN BELOW.

[https://docs.google.com/a/gtu.edu.in/forms/d/18-r3mb75fNV67g6\\_oVdT6svvygk7m32LijSLxzw78Lw/viewform](https://docs.google.com/a/gtu.edu.in/forms/d/18-r3mb75fNV67g6_oVdT6svvygk7m32LijSLxzw78Lw/viewform)

***Need:*** - **GTU is planning to introduce balanced question papers based on higher bloom levels for all disciplines.** Such questions are proved to invoke higher level brain functions like analyzing, thinking critically and innovating. The prerequisite to learn to answer such questions is to get the students ready with enough practice and feedback for such questions. Soon, the students need to answer such questions to get better grades at GTU exams.

This workshop aims to provide proper training to all faculties about how to make students to address such higher level questions in the class. Conventional teaching methods are proved to be seriously inadequate for this job. Many researchers across the world have proposed quite a few of the alternate teaching methods to address them. The workshop demonstrates and teaches the faculties to use alternate teaching methods to enable their students better equipped to answer such questions.

Prof. Trivedi has attended an effective teaching workshop organized by IUCEE (Indo US Collaboration for Engineering Education) in 2008. Rich Felder and Rebecca Brent, pair of

(<http://www.gtu.ac.in/>)

renowned US experts on this subject were the facilitators of the workshop. After attending the said workshop, he has facilitated nearly 20 workshops on the same subject at various places of India including IIT Delhi, LD college of Engineering, NIT Surat, Thyagarajar College of Engineering Madurai, Vignan University Guntur, CSI National Convention 2011 at Ahmedabad and Banasthali Vidyapith Rajasthan. Based on his work as fallout of attending the said workshop, he was also invited to facilitate Faculty Leadership Institute 2010 by IUCEE from 28<sup>th</sup> June to 6<sup>th</sup> July 2010. He received an award by IUCEE for his work in 2009.

The results of Prof. Trivedi's experiments are very motivating. He has systematically surveyed these results and published them at various places, most notably the paper in International Journal of Engineering Education, one of the best journals of this field.

***Content of the workshop:*** - There are well-defined instructional techniques that make teaching more effective. These techniques can be introduced slowly and methodically, without compromising coverage of the syllabus. They do not require large expenditures of money, time, and effort. Most importantly, the techniques have been validated by careful, documented, repeatable research. Their effectiveness is not simply a matter of opinion. They work!

The workshop will discuss different Bloom levels from remembering, understanding and applying to analysis, evaluating and creating. The workshop will focus on how higher bloom levels can be addressed in the class. The workshop will help the attendees in identifying bloom levels of given questions, also identify different bloom level questions from the given material, how to design proper learning objectives based on these levels which are both specific as well as observable.

The second part of the workshop discusses alternate teaching methods like active learning. The workshop will show various forms of active learning methods and other related techniques to help student addresses questions based on higher level objectives .

**Also the MCA faculties will share their views about the model balanced question papers.**