



GUJARAT TECHNOLOGICAL UNIVERSITY

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CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Tue, Jun 9, 2015 3:30 PM - 4:30 PM IST.

Virtual Academy: Outcome Based Engineering Education; By K. R. Kashwan

Tue, Jun 9, 2015 3:30 PM - 4:30 PM IST

Registration URL: <https://attendee.gotowebinar.com/register/7656508959963833857>

Abstract:

The outcome based engineering education focuses on pre-specified goals that are achievable at the completion of a course or a program. Traditional education paid hardly any attention towards whether students had learnt intended skills or not. The benefits of outcome based engineering education include clarity of what is to be learnt, freedom to instructors to design contents, delivery methods and assessment techniques as per students' need. It focuses on student-centric learning environment and provides opportunities for easy comparison of students' performance and facilitates mobility of students among many institutions. Many countries have adopted outcome based education system during last two decades. It has now been proven beyond doubt that outcome based education is better way of teaching-learning process. The webinar is focused on curriculum issues, different interpretation of OBE, general structure of OBE and assessment issues. Case studies of a few countries with analysis of OBE and its impacts are discussed. The outcome based education has faced controversies as well. A few criticisms of OBE are discussed. The roles of faculty and students are significant in achieving objectives of OBE. Bloom's Taxonomy is well known tool to classify teaching-learning levels. It helps in designing contents and assessment techniques. The OBE vis-à-vis Bloom's Taxonomy is essential for achieving outcomes of learning process. Well designed assessment methods are necessary for quantifying and analyzing knowledge transfer, especially at higher levels of learning. The engineering education must focus on equipping students with technical skills to solve problems of society.

Presenter:

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