

A Webinar Course with the following details will be presented by our faculty on the IUCEE platform. Kindly upload this information on the institute's website - IUCEE page.

Dates: 11-12.7.17 **Time:** 3:30 - 4:30 PM

Title of Course: Electrical Engineering through Modern Tool: An OBE Approach

Presenters: Ms. Mitrabinda Singh (A.P., MBA Dept.) & Dr. Nidhika Birla (Asso. Prof., ELE Dept.)

Abstract: This work is an effort to put forth the need & benefits of outcome-based engineering education (through examples) in front of teachers from the technical education. Indian technical education system is going through a gradual transformation with an aim to make our graduates globally employable. After many national surveys reported many critical issues that hamper imparting quality education, MHRD in 2013 decided to make the accreditation system outcome-based. This poses pressure on teachers from technical education to deliver content through innovative practices and with the use of modern technology & tools to achieve the course outcome. Engineering education demands practical understanding and practice minimums within a stipulated time and limited available resources. One of the graduates' attributes of an engineering student as identified by National Board of Accreditation (NBA) is "use of modern tools" which has been specifically explained through the examples taken from electrical engineering. Use of MATLAB as a modern tool is shown as an example for two of the subjects "Control System" and "Electrical Measurements and Measuring Instruments".