



# GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act. No.:20 of 2007)

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## CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Thu, Oct 4, 2018 3:30 PM - 4:30 PM IST.

**APICTIEE 2018 Webinar: "Practical Oriented Approach for Engineering Course Design"**

**Thu, Oct 4, 2018 3:30 PM - 4:30 PM IST**

**Registration URL: <https://attendeegotowebinar.com/register/7372617283636805890>**

### **Description:**

The recurrent changes in the field of engineering and technology pose many challenges to the present engineering educational institutions. The prime objective of the engineering education is to drive the students for multidisciplinary knowledge and new competences. The curriculum design in engineering education should prepare engineers of the future with sound technical skills and build them to accept rapid changing needs of industry and technology. Adopting more practical oriented approach and project based learning makes the young engineers to analyze and understand the theoretical concepts more elaborately. More Practical sessions and project based learning in the curriculum design can lead to inventions and research in the field of engineering. In this paper a comparative study, comparing through reviews and analysis of curriculum process of few universities in the state of telangana and other states of India has been done. The complete study on the curriculum in each semester of electrical engineering has been done; Number of practical sessions related to the theoretical course is listed out. From the statistical data it is observed that, very few theoretical subjects are allotted with practical sessions in the same semester, Due to which there is no correlation of theoretical concepts with practical knowledge. This gap in the application of theory in practical may not result with the better course outcomes in engineering education. As the employability of the engineering graduates depends on the technical knowledge and analysis from the practical performance there is every need for transformation in curriculum for all courses in engineering education .This paper also suggest the various strategies of introducing new courses as per emerging trends in the field of engineering which can meet the industry requirements.

### **Presenter:**

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