



GUJARAT TECHNOLOGICAL UNIVERSITY

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

Ref: GTU/R&D/ Webinar/KV/2014/ 6397

Date: 09-09-2014

CIRCULAR

Interested faculty members and students may register for the following webinars on September 10, 2014 (Wednesday) at 3:30 pm-4:30 pm and September 11, 2014 (Thursday) at 3:30 pm-4:30 pm

Virtual Academy: Automotive Electronics: Learning through real-world problem based case studies; C.Nalini, BVBCET

Wed, Sep 10, 2014 3:30 PM - 4:30 PM IST

Registration Web Link: <https://www3.gotomeeting.com/register/383677734>

Abstract:

Automotive Electronics is a course that requires skills from multiple disciplines including, mechanical, control, computer science, and electronics. The course is introduced to address the needs of embedded and automotive industries and hence providing the necessary knowledge and skills required for these industries. The objective of the curriculum is to enhance learning and improve student's implementation skills. Curriculum has been jointly designed by the automotive industry & our institute. Here, we propose to introduce the exercises including real world case studies and experiential learning. The major challenge of teaching this course was to teach mechanical concepts for electrical science students and to develop electronics for mechanical systems. The practical demo sessions along with simulation tool lead to real feel of automotive mechanical systems. The realization of different case studies in the form of course projects resulted in a deeper learning of the course with application of domain knowledge and also improvisation of skills by using appropriate tools. Special lectures by industry experts were also arranged to give the students the wide perspective of the subject. The impact of these activities are reflected in student feedback, placement results and participation in technical events.

Presenter:

Dr. Nalini C. Iyer, Professor and Head of Instrumentation Technology, BVB College of Engineering & Technology, Hubli (India).

IUCEE Informational Webinar on “How you can benefit from the International Conference on Transformations in Engineering Education, ICTIEE 2015, in Bangalore Jan 5 to8”

Thu, Sept 11, 2014 at 3:30 pm – 4:30 pm IST

Registration Web Link: <https://www3.gotomeeting.com/register/276015886>

In this webinar, I will give you an overview about the Second International Conference on Transformations in Engineering Education, ICTIEE 2015, to be hosted by BMS College of Engineering in Bangalore Jan 5 to8, 2015 and how you can benefit by participation. <http://ictiee.org/>

A brief overview about IUCEE and some other programs that may be of interest to you or your college.

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Registrar(i/c)