



# 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, Feb 9, 2017 3:30 PM - 4:30 PM IST.

**Virtual Academy: A Method for Tuning More Number of Students towards Out Come Based Education with an Example**

**Thu, Feb 9, 2017 3:30 PM - 4:30 PM IST**

**Registration URL: <https://attendee.gotowebinar.com/register/7354297207786349571>**

### **Description:**

One of the best ways of tuning good number of the students in a class to follow outcome based education directly is to make them read many text books and solves maximum possible numerical problems based on real time applications. Let us consider one example remembering first law of thermodynamics states as “Energy can be neither created nor destroyed but can be transformed from one form to another”. Now make them observe closely the statement and start understanding the importance of energy, sources of energy, energy types, conversion of energy, existence of energy and mechanisms of energy. Then focus on applying to real engineering applications like “first law applied to different types of systems/flows”. After applying make them analyze first law by simple examples like-“establish connections to different applications w.r.t first law” and leave them for self-analysis. This will make them to walk through evaluating and creating levels of first law.

### **Presenter:**

**Mr G Parthasarathy**  
**Associate Professor, Aeronautical Engineering**  
**MLR Institute of Technology, Hyderabad**

Sd/-  
Registrar (I/c)