



# GUJARAT TECHNOLOGICAL UNIVERSITY

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

Date: 13-02-2017

## CIRCULAR

Interested faculty members and students may register for the following webinar which is going to be held on Wed, Feb 15, 2017 3:30 PM - 4:30 PM IST.

**ICTIEE 2017 Papers: Theme-based Mini Project Implementation for Basic Skill-set Development in Biotechnology**

**Wed, Feb 15, 2017 3:30 PM - 4:30 PM IST**

**Registration URL: <https://attendee.gotowebinar.com/register/1407351074700680962>**

### **Description:**

Biotechnology being an inter-disciplinary domain, demands an adequate theoretical knowledge of allied subjects along with good hands-on skill-sets for the graduates to be industry-ready. In this context, theme-based mini project for V semester was designed and implemented for under-graduate students of Biotechnology. The objectives of the mini project were

- 1) To equip the students with basic skill-sets and impart the culture of Good Laboratory Practices (GLP) & Standard Operating Procedures (SOP) and
- 2) To impart basic microbiological and biochemical skill-sets. The mini project was undertaken with the theme of "Isolation, Screening and Preliminary Characterization of Microorganisms Producing Selected Industrially Important Metabolites". A multi-level rubrics-based assessment was followed to measure the learning. The project addressed eight Program Outcomes (PO) whose attainment on a scale of 10 was calculated. It is concluded that the theme-based project was effective in experiential learning for the students which plays a key role in bridging the gap between industry and academia.

### **Presenter:**

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