

## CO-curricular activities

February 2016

### 1. Departmental Co-curricular Activities:

i) Technical Talk on 'Counter Terrorism Strategies for Engineers' was held at Seminar Hall, BMSIT&M on February 03, 2016. This talk was delivered by Dr Ravindra Prakash, Dean (Research), BMSIT&M. At the end Dr T. C. Balachandra, Professor, Dept. of Electrical and Electronics Engineering, explained two case histories relevant to the topic from his experience as a part of the interactive session.



Dr Ravindra Prakash delivering a talk on 'Counter Terrorism Strategies for Engineers'

ii) Mrs. Shilpa G of EEE department organised a field survey in the BMSIT&M campus for the 8<sup>th</sup> semester students on 17<sup>th</sup> Feb 2016. The survey was on power distribution and maintenance in the campus. The students were briefed about the power generation, load management, overall power factor maintenance, load scheduling and the present power consumption scenario of our campus. The session was informative as it included worthy discussions regarding the subject that the students have in their curriculum.



Final Year Electrical Students at power distribution panel, BMSIT&M Campus.

March 2016



Mrs. Suma Umesh and Mrs. Manjula .B.K of E&EE department organised a case study based activity on **Engineering Ethics** for 8<sup>th</sup> semester students on 02/03/2016. 47 students participated in the event. The students were briefed about importance of ethics in engineering by the faculty and later a hand out on case study of 'ETHICS, Engineering and Volkswagen Scandal' was given to student teams of two members each. They read the case study, discussed about the case in teams. A questionnaire on the case study was handed over to them for answering. Their response to the questionnaire is analysed by the faculty.

April 2016

i. An activity specifically keeping in mind the PO-11 was organised at Department of EEE on Wednesday, 20.04.2016. This activity was for the students of 4<sup>th</sup> Sem, EEE. The objective was to expose the students to the challenges of Project Management and Finance. The students were asked to prepare a simple working model for some of the basic principles in Electrical sciences.

An experience of working together for a project and also facing the time and financial constraint was a well-received theme among the students. The group size was limited to 3 or 4 students only. Mr Vikram Chekuri, Mrs Shilpa G, Mr Prashanth N. A. Were the faculty judges, who concluded that the decision was very difficult. Two batches were adjudged the top performers.



At the beginning of the Project exhibition, introduction of the judges



The faculty at each exhibit, interacting with the students



Students interacting with each other



Students explaining the concept to one of the judges

ii. An activity based on PO10 was held on 06-04-2016 for 4<sup>th</sup> semester, EEE. Group discussion and an essay were conducted on the topics: a) Power theft – causes and moral responsibilities and b) Role of layman in electrical energy conservation. Students were divided into number of teams and they discussed among their team mates about the topics. Later each team wrote an essay about the given topics.



Students are engaged in Essay writing on Electrical Energy Conservation.



Faculty interaction with the students on Power Theft Issues

iii. An activity based on PO9 was held on 23-03-2016 for 6<sup>th</sup> semester, EEE. Group discussion was conducted on the topics a) Rural Electrification - scope and challenges b) scope of use of Energy Efficient and Power Quality appliances. The topics for group discussion were announced to students two days earlier to the event and also the groups. The group discussion was helpful to the students to communicate among group members, exchange and share the views and ideas. The event also helps students to take decision as a team by validating the shared points.



Student Participants in Group Discussion - Rural Electrification



Students at Group Discussion event

May 2016

**Project Exhibition-2016:** The 8th Sem students competed with each other in yet another edition of the Project exhibition and Competition held on 21st May, 2016 by Dept. of Electrical and Electronics Engineering. All the 20 teams of the current 8th Sem participated in the event. Each team were evaluated by the jury members to decide the best team. The students of 6th and 4th sem also participated in the interaction and were seen very enthusiastic in knowing more from their seniors.



Project demonstration under progress



Interaction of students with one of the judges



Principal Dr. Mohan Babu G.N. interacting with the students during Project Exhibition



Principal Dr. Mohan Babu G.N and Prof. H.D.Kattimani inspecting the participant students project

August 2016

**A) VIDYUT: Department Technical Fest**

The EEE Department is organized the Third Edition of inter-collegiate technical festival “VIDYUT” on 26th, August, 2016. This event has been a much awaited technical fest amongst the student community, ever since it was first held in 2014. The purpose of the event and the outcomes are:

**Activity Outcomes (AO):** After the completion of the activity, the students will be able to,

AO1	Organize any thematic events, with the available resources
AO2	Prepare budget and action plan for any activity
AO3	Work as an effective team player

The event directly gives a boost to the development of Team work, Communication skills, and the students are exposed to Finance and Management aspects also, which are not part of the curriculum.

The 5<sup>th</sup> Sem students of Electrical and Electronics Engineering have been in-charge of the planning and execution of all activities related to ‘VIDYUT 2016’. This year Mr. Ratan Shet and Ms. Gayathri J., both of 5<sup>th</sup> Sem, EEE, were the lead student coordinators for the event.

Various technical and gaming events were conceptualised and organised by the student groups. Some of the events were Technical Quiz, Circuit debugging, Treasure hunt, Poster Presentation, Minute-to-Win-it etc. More than 650 students participated in the events. The students of other colleges also participated.

Some glimpses of the event:



Dignitaries during the Inauguration ceremony



Performance by the students during the ceremony



Principal addressing the gathering