

**ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**DEPARTMENT ACTIVITIES REPORT (2016-17)**

**Department Activities**

**Burst 2016**

✓ *Paper presentation*

In connection with the tech fest conducted on 11<sup>th</sup> & 12<sup>th</sup> of August 2016, Department of Mechanical engineering conducted a paper presentation competition. It was coordinated by Mr.Sandeep (A.P of ME Dept). About 3 participants were presented paper and the event was judged by Mr.Rakesh T.S (A.P of ME Dept)and Kiran (A.P of EEE Dept). Sri.Sanjay P.S ( S7 ME) of RCET has won the 1<sup>st</sup> prize and 2<sup>nd</sup> prize to went to Sri. Azhar A.M of SIMAT. Mr. Swagath of S7 ME was the student coordinator of the event.



*Paper presentation*

✓ *Assembly Master*

The event was Coordinated by Sri. Abhilash K.J, (A.P of ME Dept). Teams from RCET, Vidya and SIMAT has competed in the event. The competition was judged by Mr. Ajeesh Karipath (A.P of ME Dept) and Mr. Pious (Lab instructors, ME). First prize went to team of Haneesh E.S and Nithin Girish from Vidya Academy of Science and Technology and 2<sup>nd</sup> prize given to team of Mohammed Rafeeq and Mohammed Afsal from RCET. Mohammed Muneer ME was the student coordinator of the event.



*Assembly Master*

✓ ***Auto Quiz***

Auto Quiz was conducted for the students of RCET. It was coordinated by Ms.Isha Sanitha, and judged by Mr. Sangeeth (Asst. Professors of ME Dept) Department. Mr. Abid Irfan of S3 ECE got the 1<sup>st</sup> prize. Mohammed Shakeeb was the student coordinator of the event.

✓ ***Garage 2016***

The most attractive event of Burst was Garage 2016 (Vintage Auto show) Coordinated by Mr.Swaroop (A.P, Me Department). One left hand drive truck used in military (made in USSR), a Jonga, two jeeps, 5 cars and several old and modified bikes and scooters were displayed. Mohammed Anas was the student coordinator of the event. The visitors were highly excited to see the vehicles and various news papers reported the event.





### *Garage 2016*

#### ✓ *Exhibition*

The Department of ME of Royal College of Engineering & Technology conducted an Exhibition of Automobile parts as a part of the Technical Fest BURST'16. It was Coordinated by Mr.Nithin M and Mr.Sonu (Asst. Professors of ME Dept). The exhibits included Parts of Buses of KSRTC, cut models of engines, turbines and other equipments. . Students actively participated in the stalls by explaining the exhibits to the visitors. Vipin Mohan was the student coordinator of the event. The event was recognized by getting a Best Exhibit Award at the end Tech Fest.

#### ✓ *Contraption*

It was arranged in the room 415 by Abhijith and team, the event was coordinated by Mr. Nidhin A (AP of ME Dept). All of the visitors ranging from students to staffs very well enjoyed the show, and the effort by the students was highly appreciated. The show was honored by getting a special award at the end of Tech Fest.

#### ✓ *History of Aviation*

A video and photo show was arranged by the students to explain the History of Aviation. Model of 1<sup>st</sup> aircraft was made by the students and displayed in the class. Mr. Midin Francis (AP of ME Dept) and Monish Mohandas of S5 ME were the coordinators of the show.

Also bullet kicking competition for girls and cycle riding competition in modified cycle were conducted at the courtyard. Mr. Dileepan Balakrishnan and Mr. Nikhil Narayanan (Asst. Professors of ME Dept) coordinated the events.



*Bullet kicking and Cycle riding competitions*

✓ **Other events**

An anti ragging awareness program was conducted at main seminar hall on 23<sup>rd</sup> August. Shri. Mujeeb Rahman C (Sub Judge, Thrissur & DLSA, Secretary) delivered a lecture on significance of anti ragging and consequence of ragging inside the campus. The session was attended by Dr. S. P Subramanian.(Principal, RCET) Shri. V. P. Salim (Treasurer, Royal Educational Society and Research Centre)Mr. N.V. Moidunny. (Secretary, Royal Educational Society and Research Centre) faculty members and students.

For the improvement of students performance in examinations a RESULT ENHANCEMENT AND ATTITUDE BUILD UP PROGRAM (REAP) was conducted for the S3 students from 25<sup>th</sup> of August. Night and early morning classes were arranged for the students, food and accommodations were also provided. One day refreshment trip and motivational talks were also included in the program. Mr. swaroop and Mr. Sonu (Asst. Professors of ME Dept) were the department coordinators of the program.

Second section REAP class for S3 Students were conducted between 1<sup>st</sup> of November 2016 to 7<sup>th</sup> of November 2016.

Second section REAP class for S1 Students were conducted between 8<sup>th</sup> of November 2016 to 13<sup>th</sup> of November 2016.

Final review of main project in the seventh semester was conducted on 11<sup>th</sup> of November at ME Block. It was coordinated by Mr. Prasad K. The sessions were chaired by respective panel of staffs.

A session on “How to face KTU Examinations with confidence’ was conducted on 21<sup>st</sup> November 2016. The sessions were engaged by Dr. S. Radhikrishnan (Retd. Principal, GEC & Retd.Joint Director, DTE).

✓ **Association of Royal Mechanical Engineers Activities**

ARME conducted a Technical talk on “Rotary Equipments in Petroleum Industries” by Er.SAJEEV K JOSEPH (Deputy Manager, Bharath Petroleum Corporation Limited, Kochi Refinery) on 19<sup>th</sup> April, 2016 at RCET campus.



Technical talk on “Rotary Equipments in Petroleum Industries”.