

SPECTRA'16-Technical Events Report

Save The Chick:

ASME IIUI Student Section organized an event 'Save the Chick' under SPECTRA'16. The event was arranged under the supervision of Engr. Asad Asghar Janjua (In-Charge Students Activities, DME) with the collaboration of Student's Advisor Office.

Save The Chick, an event in which the team has to save the egg from breaking after a vertical drop from height of two stories using any technical skill i.e. parachute, glider, cushioning, and damping the shock, was held on December 13th, 2016.

The main aim behind the event was to develop and enhance problem-solving attitude with simplistic techniques and using common resources available in every-day life. 27 teams participated from different faculties of the university. Each team comprises of two persons. All the teams came up with tremendous ideas in order to save their egg from breaking. Team named 'Electric Spark' from Department of Electrical Engineering won the event. The event was conducted in the Faculty Block-II.



Mind Crunch:

ASME IIUI Student Section organized an event 'Mind Crunch' under SPECTRA'16. The event was arranged under the supervision of Engr. Asad Asghar Janjua (In-Charge Students Activities, DME) with the collaboration of Student's Advisor Office.

More than 30 teams participated from different faculties of the university. Each team comprises of two persons. Event was based on 2 rounds. Round 1 was in written form which was comprised of 40 questions based on the general knowledge related to Islam, Pakistan, and World. Top 5 teams qualified for the 2nd round which was oral type. On this occasion Dr. Arshad Zia Student Adviser also visited and appreciated the efforts of all organizers. Team from Department of Law won the event. The event was conducted in the Auditorium Block-II.



3D Modelling Competition:

ASME IIUI Student Section organized an event '3D Modelling Competition' under SPECTRA'16. The event was arranged under the supervision of Engr. Asad Asghar Janjua (In-Charge Students Activities, DME) with the collaboration of Student's Advisor Office.

In this competition students are provided a 3D model of some mechanical part and they have to construct it on ProE software within given amount of time. More than 30 students participated in this event from Department of Mechanical Engineering. Engr. Noor Rehman Lecturer Department of Mechanical Engineering was the judge, he evaluated the performance of all the students. Kashif Khan from Department of Mechanical Engineering won the event. The event was conducted in the DME Computer Lab.



ARC Bridge:

ASME IIUI Student Section organized an event 'ARC Bridge' under SPECTRA'16. The event was arranged under the supervision of Engr. Asad Asghar Janjua (In-Charge Students Activities, DME) with the collaboration of Student's Advisor Office.

Bridge building is the key technical event involving the concepts of engineering, mechanics, Truss formation and other key concepts. In this event teams have to prepare bridge using ice cream sticks and winner was evaluated bearing the maximum load. As many as 25 teams participated from different faculties of the university. Each team comprises of 4 persons. Team from Department of Mechanical Engineering won the event. The event was conducted in front of students activity centre. Bridge of winner team sustained more than 70 Kg weight while runner up bridge sustained 38 Kg.



Cola Rocket:

ASME IIUI Student Section organized an event 'Cola Rocket' under SPECTRA'16. The event was arranged under the supervision of Engr. Asad Asghar Janjua (In-Charge Students Activities, DME) with the collaboration of Student's Advisor Office.

In this event teams having a water bottle, some chart and cutting/pasting tools, and will have to fashion a rocket out of it. A good rocket takes care of its weight distribution, aerodynamics and its symmetry. The rocket which covers the more distance was declared as winner of the event. As many as 21 teams participated from different faculties of the university. Each team comprises of 3 persons. On this occasion Dr. Muhammad Munir Vice President Higher Studies and Research along with Dr. Arshad Zia Student Adviser visited the event and appreciated the efforts of all organizers.

Team named 'Champions' from Department of Mechanical Engineering won the event. The event was conducted in the workshop lab DME while testing was done in the Cricket ground. Rocket of winner team covered a distance of 222 ft while rocket of runner up team covered a distance of 220 ft.

