Department of Electronics and Telecommunication Engineering

Invited talk on "Higher Education and Career Guidance", by Ms. Renuka Pooja, Alumni, TCE, Cofounder, Iku

Objectives: Educate the students on the skills required for their career

6th April 2022 11.15am, ETE classroom 605

Brief summary of the Programme

Department of Electronics and Telecommunication Engineering organized an invited talk by the dept. alumni Ms. Renuka Pooja, Co-founder, Eku on "Higher Education and Career Guidance" for the students of 6th semester. Dr. Rajeshwari Hegde, coordinator for the event introduced Ms. Renuka Pooja to the audience. Ms. Renuka shared her experiences as a student, placement coordinator and encouraged students to engage in co-curricular and extracurricular activities as well as academic studies. While urging the students not to rely solely on their CGPA to further their development, she emphasized the importance of other skills needed for their holistic development. In her capacity as an entrepreneur, she shared the vision of her organization in protecting the environment. The session ended with question and answers.

Outcomes

1. Students got to know the importance of co-curricular and extra curricular activities for their holistic development
2. Got motivated to do activities to protect environment by reducing the waste.

Particulars	Number of Faculty	Non-Teaching Staff	Students
Total Number of Participants	One	--	35

Department of Electronics and Telecommunication Engineering

Invited talk on “Industry Insights”, by Mr. Vinay Rao, co-founder, Unskrambler.ai

Objectives: To guide the students before the onset of Placement Season, also to allot project of Parking System Notification App to the interested students.

18th April 2022 11.15am, ETE classroom 605

Brief summary of the Programme

Vinay Rao explained how learning coding along with our core subjects will help us to get opportunities at the time of Placements.

Through his personal experience he shared with us how can we look for opportunities for both domains and add more skills and prepare ourselves for Placements. He introduced his start-up unskramble.ai as well. He briefed about project with which he was ready to help students with if they are ready taking that under him. The project focused on developing an application for pre-notification system for parking in our college. Following this he also introduced a layout of the project while taking insights from the students as well and made them understand how we’ll go about the project. Following this a Google form was floated and the interested students filled and got themselves registered for the opportunity.

Particulars	**Number of Faculty**	**Non-Teaching Staff**	**Students**
Total Number of Participants	One	--	25

Department of Electronics and Telecommunication Engineering

Invited talk on "Electromagnetic Interference and Electromagnetic Compatibility (EMI/EMC): What we really do in the Industry as RF Engineers?." by Mr. Aravind Kamath Founder Director and CTO, EMC Engineers

Objectives: To impart the knowledge on EMI/EMC to students to better understand the need and requirements of EMC Engineers.

13th May 2022 11.15am, ETE classroom 605

Brief summary of the Programme

Mr Arvind Kamath gave us a brief introduction on EMI/EMC. EMI is an electromagnetic disturbance which may degrade the performance of an equipment or cause malfunction of equipment is called electromagnetic interference. He also added that EMC is a near perfect state in which a receptor functions satisfactorily in a common electromagnetic environment, without introducing intolerable electromagnetic disturbance to any other devices.

He spoke about how interference occurs if the received energy causes the receptor to function in an unwanted manner. Sources of EMI could be washing machines, arc welding machines, electric shavers, etc. He stated that victims of EMI are communication receivers, microprocessors, computers, etc. He added on by telling us the effects of EMI which could be momentary disturbances in TV, reset of computers and loss of data, etc. He concluded by telling us the EMI control techniques which include proper grounding, EMI filtering, shielding and PCB layout.

Outcomes

1. Students got know about the electromagnetic interference (EMI) and electromagnetic compatibility and how EMI affects the operation of the devices
2. Students also understood the role of RF Engineers in industry.

Particulars	Number of Faculty	Non-Teaching Staff	Students
Total Number of Participants	Two	--	45