

## **Report on First Year Orientation Program: (2016-17)**

### **Objective:**

The objective of the Orientation Program organized for the first year, second semester students:

1. To identify the student's aspirations.
2. To emphasize skills, attributes and traits necessary for a successful career.
3. To create awareness amongst students on current industry trends and employment scenario.
4. To emphasize on Industry Expectations.
5. To develop students in building his career roadmap.

### **Preface:**

MCET has become autonomous since 2011 and has been awarded Grade A by NAAC. As a progressive engineering institution MCET leveraging on its autonomous status has been introducing several innovative measures to enhance the skill development of the students resulting in augmentation of the employability aspect of students. As a first step management has clubbed the various disciplines under three broad streams of IT, Circuit and Mechanical-Civil branches to impart focused training and allow for inter-disciplinary learning.

In order to equip the students with the relevant industry oriented skills, a graded stream wise, student centric and credit linked training right from the second semester up to the sixth semester is planned. To set a tone for the above plan management conceived an orientation program after a series of brainstorming session with the CPG team and HODs. It was decided that circuit stream will invite at least 4 successful senior industry experts and at least 4 successful alumni to address the students and give them some pep input. With this broad idea the orientation program got off to a meaningful start.

The Industry Experts for the programme include,

1. Mr. Sarath Chandra Babu. N, Head – Personal Computing, E-Con Systems, Chennai
2. Mr. T. Suresh Babu, Technical Director, Qbitronics, Coimbatore
3. Mr. N. Kumaran, Consultant Engineer – Saipem India Projects, Chennai
4. Mr. G.D. Devaraj, Design Engineer, Cameroon, Chennai (Alumni)
5. Mr. Thangamuthu. V, Engineer, Robert Bosch, Coimbatore (Alumni)

The talk of Mr. Sarath Chandra Babu, was an eye opener to the entire student fraternity where- in he highlighted the opportunities available to the students in core engineering sector as huge and open. He also stressed that individual's goal, its orientation; mode of journey to achieve the goal is equally important. They need to select the best option and travel towards the goal. Involvement in the projects, thorough understanding of the concepts can further aid in attaining the goals. "Practice Makes a Man Perfect" was taken for discussion. He insisted the students to practice on the problems and to be done every day on regular basis to increase the problem solving skills. He referred list of books and websites to make a practice.

Mr. T.Suresh Babu, started by listing the Top 5 electronics based companies, their growth etc by giving some statistical points. More focus was given to product based approach. Instead of giving projects to the students, the students can be motivated to produce some small products instead of mini projects. Latest trends in electrical and electronics industry was discussed and open interaction was called for. He then commented on the “electronic revolution” that hit the telecommunication industry. The competition in the field has exponentially increased leading to furious investment and innovation, helping to give rise to the digital economy.

MrN.Kumaran, Briefed about the recent trends in automation industry. He then insisted on the increased use of analytics and growing use of programmable automation controllers (PACs). He also pointed out the possible job opportunities for instrumentation engineers in public sectors and gave an account on how they need to prepare for those opportunities.

Alumni Interaction took off to a great start with the alumnus giving their personal experiences, hardships etc. Highlighting the need of the hour, responding for the situation gives a best and quicker solution for the problem. Meanwhile take ownership of the work to complete it.

**Outcomes:**

- Importance of Core Jobs and align them with career path.
- Goal setting and plans for the coming years to achieve these goals.
- Importance of learning basic concepts in electrical and electronics