



## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **REPORT OF ANALYSIS OF FEEDBACK – 2013 CURRICULUM**

#### **Feedback from students**

- As per 2013 curriculum, Few subject like ME6010 Robotics can be included in the final year course, which will benefit the students to meet the interview. Students are interested to study the ME6010 Robotics in VII semester instead of ME 6702 Mechatronics to learn the knowledge about industrial automation.
- More practical trainings are expected in the field of (ME 6002) Refrigeration and air conditioning (ME 6002) to enhance their practical experience for placements.
- Students are expecting more composite materials topics in the elective of ME 6007 Composite materials and mechanics.
- Machine drawing concept such as geometric dimensioning and tolerance are needed for giving the exposure of the actual components size.
- Extra hours are needed for conducting the lab experiments after working time.

#### **Actions taken based on the feedback from the students**

- Request letter sent to Anna University for changing the elective list.
- Refrigeration and air conditioning practical training classes are conducted to final year students by Karivaradhan Technical Institute and Signed with MOU.
- Geometric dimensioning and tolerance as VAC are introduced for third year of mechanical students.
- Special lab hours are arranged from 4.30 pm to 6.30 pm for conducting the lab experiments

#### **Feedback from Alumni**

- To arrange the seminar in fields of pumps and turbines for purpose of design.
- New value added courses are needed for placement purpose.
- Request to arrange the more training placement programs for solving the complex engineering problems.

#### **Actions taken based on the Alumni feedback**

- Seminar on Design of Pump and Turbine presented by Dr. A.Murugesan, Aqua Pump Ltd, Coimbatore.
- ANSYS are introduced in VAC list of mechanical department.

- Career Development Cell conducted the placement trainings and soft skills for all students.

### **Feedback from Faculty**

- ME 6007 Composite materials- Test of composite bar topic should be considered in core subject as well as in the strength of Materials lab.
- Training provided for Materials and their weldability characteristics in subject of Welding technology.
- Faculty Members are interested to attend the internship program for updating the practical knowledge based on the 2013 curriculum.

### **Actions taken based on the feedback from the faculty**

- Guest lecture about preparation of composite bar arranged and presented by Dr.K.KalaiCelvan, MIT campus, Anna University.
- 2 days training of program on Materials and their weldability characteristics arranged for faculty members by Ador Welding Limited, Coimbatore.
- Necessary help extended to interested faculty members to carry out internships at Ambal autos, HITECH CNC academy and Axis Global automation Ltd, Coimbatore.
- Faculty members are trained by industry experts to provide the technical training on current trends.
- Faculty and students are advised to take up online certified courses like NPTEL.

### **Feedback from employer**

- As per 2013 curriculum, Lab can be provided with modern tools, software and equipment used to meet the industry standards and analyze multi-disciplinary problems.
- Focus on competitive examination based on the syllabus. More aptitude test should be conducted for students.

### **Actions taken based on the employer feedback**

- Department arranged the seminar on Recent Trends in Manufacturing Process and presented by Dr. G.Siva Kumar, Intelligence Quality Ltd, Chennai.
- Career Development Cell conducted the training and aptitude test.
- GATE coaching provided for all students.

### **Feedback from Parents**

- The syllabus required modifications as per the need of the industry.
- Parents are requested to arrange the industrial visit /Training for practical knowledge.

### **Actions taken based on the feedback from the Parents**

- Every semester, Industrial visits are arranged for all students to exposure the current trends in industry.

- Placement training programs are introduced during winter and summer vacation for final year students

**HOD**

**PRINCIPAL**