



## Institutional Best Practices of AY 2021-22

### Best Practice No.1:

#### 1. Title : Career Mentoring

#### 2. Objective:

- The objective of this program is to prepare the students to compete with the cutting edge technologies with industry expected standards.
- Guidance for opting higher education.
- To make students confident enough along with soft skill and technical skill empowerment.
- Increasing the percentage of employability.

#### 3. Context:

Post covid -19 Industry wishes and will to have skilled employees who strive for technical competency. This program perfectly analyzes, prepares and makes students ready through a mentoring mechanism by teachers along with Training and placement activities. Students are interacted, analyzed and targeted as per his or her skill sets.

#### 4. The Practice-

Career mentoring helps the students to pursue higher education and to increase student recruitment where TPO (Training and Placement officer), TPC (Training and Placement coordinator from department) and students are involved. Each faculty from the department is assigned with a group of students.

In this practice faculty mentor interacts with the students and tries to analyze their interests about skill sets.

**Goal setting sessions** are arranged by TPO just to inform students about the skill sets requirements and company expectations and students register their personal details, academic details along with their choices of career plan/higher education.

**Student Evaluation:** Through Mock interviews, technical test, Group discussion students are evaluated, who are then counseled by the faculties. Such sessions are to make students confident and make the josh high.

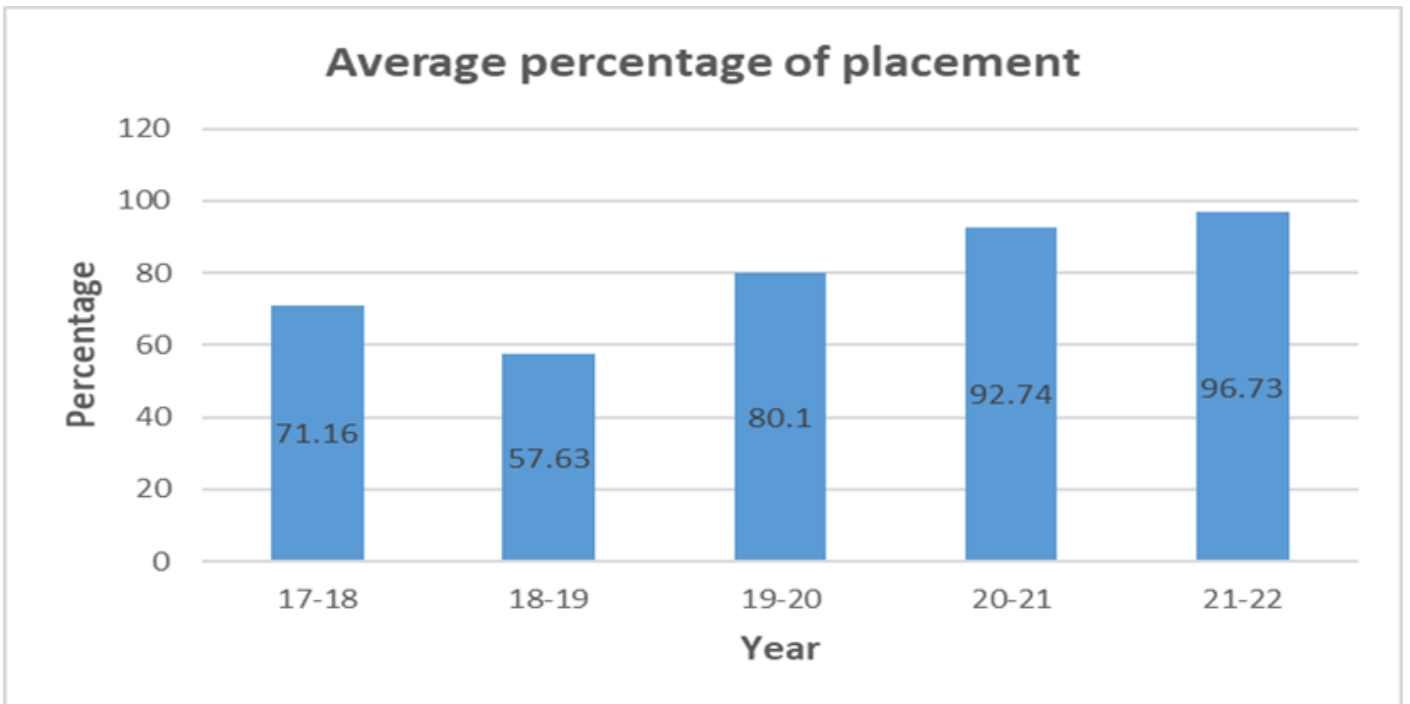
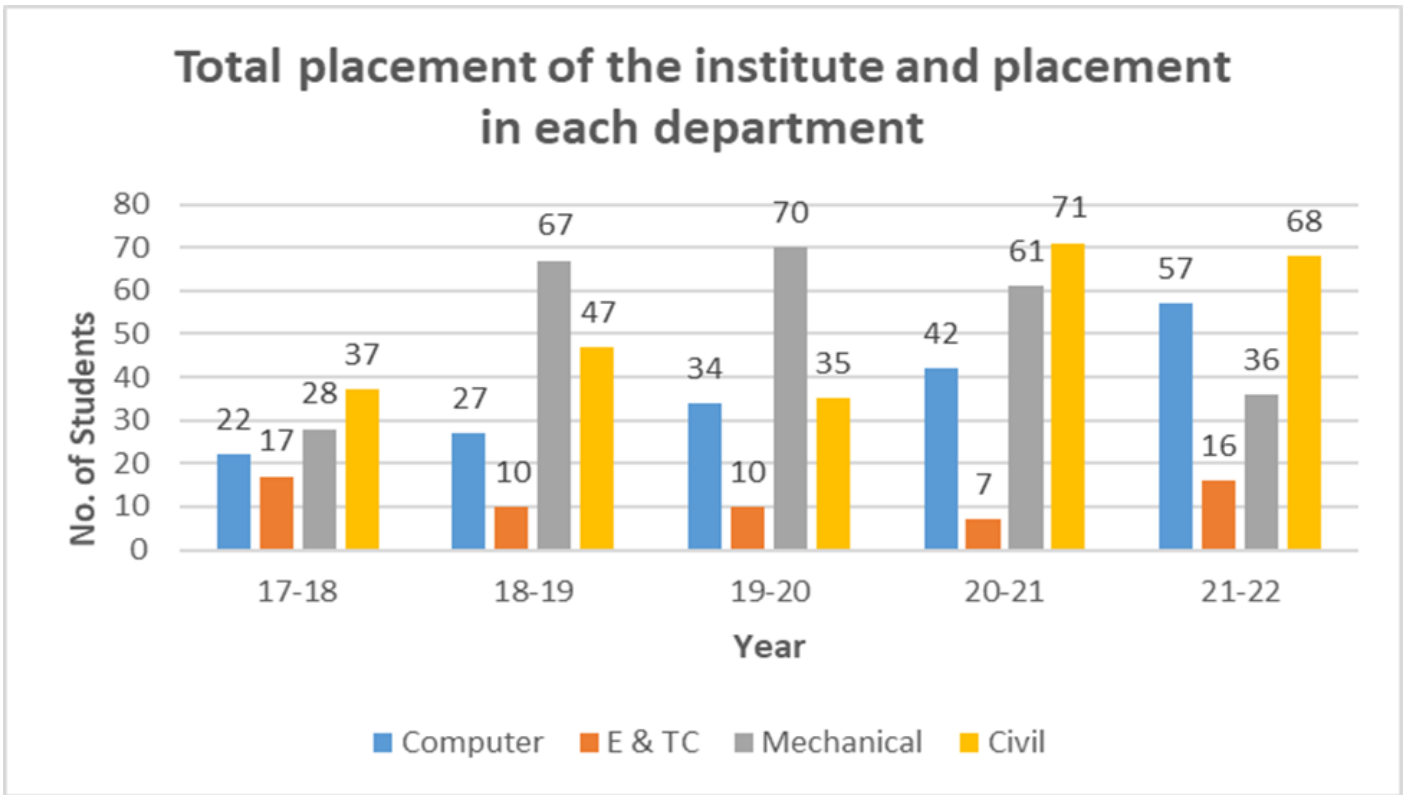
**Resume Building:** Students are asked to prepare their resume and guided about preparation of video resumes. Expert sessions are planned to prepare resumes.

**Career guidance sessions** are also planned based on the preferences given by students. Aptitude skills, soft skills sessions along with technical sessions are organized. College has signed an MOU with MNC like Zensar ESD, Rubicon, GTT Foundation for skill training to students.

**Placement activities:** Based on above practice college is observed to have a good placement record, with higher packages companies offering placements to students.

#### 5. Evidence of Success-

Past years average placement is around 80% and is increasing year by year. It also strengthened college academics. It has transformed from the student mentor being a mere figurehead to the career mentor making more outcome based. Our placement ratio is increasing each year with college also been visited by new companies every year.



**6. Problems Encountered and Resources Required-**

Convincing the companies about students' strength and quality. meeting the companies criteria, finding best fit for student companies as many students struggle with company criteria and enhancing student technical concepts to meet company expectations.



**Best Practice No.2:**

**1. Title : Student Training Program (STP) and Value-added Programs (VAP)**

**2. Objective:**

- The student training program and values added program makes the students placement ready or ready to go entrepreneurship.
- It is one of the important objectives of the institute to develop the students to get placed in good companies in their field of specialization. Thus the college carries on activities like practicing aptitude, group discussion, general knowledge, current affairs, etc.
- To enhance employability and the quality of the students by empowering them with all required skills to make them globally competent.

**3. Context:** The aim of “STP” and “VAP” is to improve the employability level of students by enhancement of technical and soft skills so that they can serve the industry better. In the second year itself, students are trained in soft skills and communication skills which are vital from an employability point of view. STP is conducted in Final year of the course.

**4. The practice**

- Aptitude Enhancement: aptitude tests are of paramount importance to prospective job seekers in today’s competitive job market. employers use aptitude tests to distinguish between candidates and a poor score on a numerical or verbal reasoning aptitude tests could be the difference between getting an interview or not..
- Awareness about current affairs: It refers to the important incidents that have occurred and hold social importance in the world. The important role of current affairs can be evident with the various eligibility criteria adopted by the job sector.
- Developing domain knowledge: domain knowledge is the basis of the job the students will be acquiring in the organization.
- Technical skills: many companies today hire employees by looking at their computer literacy. All the activities of the student training program are conducted by faculty who has their expertise in respective areas. Personal and Career Goal Setting, Presentation Skills, Report Writing, Letter/ Application Writing, Signal Processing , Programming Language, Electronic Circuit Design, Embedded System and disassembly of Mechanical system like I/C engine and M/C Tool System, Skills in varies processes involved in mechanical system like RAC equipment, Hydraulic Pneumatic system these programs have been conducted by various department.



### **5. Evidence of Success:**

Two teams from Trinity Academy of Engineering, Pune comprising students of Electronics & Telecommunication and Civil Engineering have been selected for final round at Smart India Hackathon (SIH)-2022 for Hardware and Software edition. The Smart India Hackathon is organized every year by the Ministry of HRD, Government of India.

Baja SAE is a Collegiate Design Series competition run by the Society of Automotive Engineers International. The goal in Baja SAE is to design, build and race off-road vehicles that can withstand the harshest elements of rough terrain. The vehicles used in Baja SAE racing are often similar in appearance to dune buggies. Team Invictus Racing, K.J.E.I's Trinity Academy of Engineering SAE INDIA COLLEGIATE CLUB BAJA TEAM participated in SAEINDIA BAJA 2022 competition that was held from 06th April, 2022 to 10th April, 2022 at Pithampur, Indore.

### **6. Problems Faced and Resources Required:**

- To cope up with the daily updates and knowledge about the current requirements in industry as well as society needs, this is difficult to cover in the teaching learning process of the Institute.
- To cover up the above problem VAP is required to be conducted in parallel with regular academics. Extra sessions from industry experts are normally arranged.
- Students are heavily charged for such professional training.