

### **7.2.1 Describe at least two institutional best practices (as per NAAC Format)**

**Response:**

#### **Best Practices 1**

**Title: Empowering Employability skills.**

**Objective:** To enhance and empower quantitative and qualitative aptitude of the students for effective employability by providing proper training which is required for the placements so as to make them sound not only technically but also make a versatile personality by understanding the needs of industries. To expose students to the recent technologies by arranging regular industry interaction meets which involves a thorough discussion and interaction with HR's of various companies.

**Context:**

A professional course like engineering strives to get maximum number of its students placed through campus interviews. The increasing competition makes it imperative that apart from a regular degree certain skills are required by engineers. Industries while advertising for various posts even mention essential skills required along with the essential qualification. Various companies involved in the Placement drives in the institute had given the feedback that despite, the student being technically sound, he should be properly trained for the skills which are required for the placements recognizing the need, the student undergo internship with different industries.

Regular industry interaction meet which involved a thorough discussion and interaction with HR's of various company have helped us to understand the need of having student exposure to the recent technologies. In this context the institute has signed 17 MOU with different industries.

**The practice:**

As part of the TPO activities we conduct various programs to improve the employability skills of our students. We make sure their technical skills are updated and communication and soft skills are in place. In this regard we conducted Career Guidance Seminars, a Seminar on Improving Employability Skills, and a special initiative on Aptitude and Soft Skills Training, a Seminar on How to prepare for an Interview, a Training Program IMS Training on Aptitude and Soft Skills Training. In order to provide information on Overseas Education, we also conduct short-term programs on Education Abroad. It has been our constant endeavor to make sure our students are updated and possess all the necessary skills that make them engineers in last couple of years we have conducted a total of 15 programs related to improving Technical Skills, Gate Preparation, and on Overseas Education. More than 30 program to make sure we churn out quality engineers which will benefit them in the long run. The program included improving Soft Skills, Technical Skills which includes sessions on Cloud Computing, Programs to learn Python, Seminars on Cyber Security, Big Data, and Ethical hacking, and Communication Skills, Informing students about various examinations, like GATE, GRE, TOEFL, and IELTS. We also held Microsoft Certification Program in order to make our students techno-friendly. PVPPCOE facilitates the process of placement of students passing out from the Institute besides collaborating with leading organizations and institutes in setting up of internship and training program of students. The office liaises with various industrial establishments, corporate houses etc which conduct campus

interviews and select graduate and post-graduate students from all disciplines. The Training & Placement Office provides the infra-structural facilities to conduct group discussions, tests and interviews besides catering to other logistics. The Office interacts with many industries in the country, of which nearly 200 companies visit the campus for holding campus interviews. The industries which approach the institute come under the purview of: Core Engineering industries IT & IT enabled services Manufacturing Industries Consultancy Firms Finance Companies Management Organizations R & D laboratories. We are happy to state that our institute is designated as the Microsoft Imagine Academy. Overall, it is the vision of the institute that our students are a class apart and we constantly work hard to motivate our students and to make sure they make the requisite industry standards.

**Evidence of success:**

We feel pride and vanity in our hearts to state that Padmabhushan Vasantdada Patil Pratishthan's College of Engineering had organized an all-inclusive job fair on June 15, 2016. The total number of companies and recruiters who undertook the Mega-placement drive was 45 and total 2657 students have participated. 627 participants were placed by the recruiters and 38 PVPPCOE students received lucrative offers. We are equally delighted to share another story which highlights why an engineering education at PVPPCOE matters is that from the academic year 2012-13, there is an exponential increase in the companies that visited for the placement drive. The maximum companies visited our campus for Placement Drives is 95 that includes the reputed ones like Cap Gemini, IGATE, Covonix, TCS, L&T Infotech, Mirraw Ariston Capital, Diebold System, protegrity, Qspiders, Zeus learning IBM Amazon, Media.net and many more. The maximum package offered extends even up to 12.5 LPA by media.net, 11 LPA by Amazon. Majority of the recruiters prefer our institute as the venue for the Pool Campus Placement Drives. The total tally of students selected through pool campus drives stood at 313. It is also our continuing endeavor to better our services towards our ultimate customers, the aspiring engineers of PVPPCOE.

**Problems encountered and resources required:**

Lack of attention towards education is one of the major issues faced by the students. The student expect high package but they hardly fight for it, in the ways of their dream they ignore their education and are unwilling to study hard for it. The tendency of Over-expectation in oneself is very high in students without analyzing their own capabilities. Another major challenge faced by student is time constraint. The heavy academic curriculum restricts the student from undergoing rigorous training programs which are otherwise organized for them.

## **Best Practices 2**

### **Title: Encouraging the innovative ideas of students by implementing them in the campus**

#### **Objective:**

To encourage and motivate the students to implement their technical skill set to solve real world problems.

#### **Context:**

Students at PVPPCOE are encouraged and motivated to apply their technical skill set in various applications which can help to smooth the activities in the campus.

#### **The practice:**

The small projects like IoT implementation, database management system made by students are publically announced and inaugurated during some events like Shining star awards, HR meet. Also the students are encouraged to implement their projects by giving the real world problems in the campus like managing the records of students for campus drives.

#### **Evidence of success:**

In 2018-19 one student from IT department, Mr. Rutvij Joshi developed software for conduction of placement drives. The software includes the processes from registration to final short listing of students as per criteria of the company drive.

#### **Problems encountered and resources required:**

Lack of attention towards education is one of the major issues faced by the students. The student expect high package but they hardly fight for it, in the ways of their dream they ignore their education and are unwilling to study hard for it. The tendency of Over-expectation in oneself is very high in students without analyzing their own capabilities. Another major challenge faced by student is time constraint. The heavy academic curriculum restricts the student from undergoing rigorous training programs which are otherwise organized for them.