PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA (AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

Best Practices of IT department (2020-21)

BEST PRACTICE -1

a) Title of the practice

> To achieve good quality placements and Internships.

b) The context that required the initiation of the practice

> Placement training and internships help students to learn about the work environment and provide greater employment opportunities after college.

c) Objectives of the practice

> To improve high-quality placements and internships with a systematic action plan to achieve targets in the specified time.

> Targeting the service-based and product-based company placements with good pay packages.

d) The practice

> Identifying company-specific requirements. Providing training to students in those domains.

> A systematic mentoring to all campus placement eligible students providing in-house as well as external training as per the job requirement and preparing the students in all aspects to face all rounds of placement interviews.

> The department of Information Technology encourages the UG students to attend industry internship training to enhance their knowledge and improve their skill set.

> The program assessment committee looks effectively in to the various activities of industry internship/summer training with the following objectives.
>   - Identifying the students for industry internship/summer industrial training.
>   - Collection of industry details from the faculty, alumni etc.
>   - Registration of students for industry internship training

> After completion students will submit a report and handover a copy of concerned certificate to the department.

e) Obstacles faced if any strategies adopted to overcome them

- Continues effort from students, faculty in balancing academic and placement training classes.

f) Impact of the practice

- Placements and internships give students the opportunity to gain skills specific to their subject or industry of choice as well as the employability skills required for real-life work.

g) Resources required

- Video content (YouTube)
- Devices to access online content (Mobiles , laptops etc)
- Google. Links
- Slides and Sites to find Content.

BEST PRACTICE -2

a) Title of the practice

- Offering Certification courses like python , tableau , Infosys Campus Connect Foundation Program etc to the students.

b) The context that required the initiation of the practice

- The Department of Information Technology offering certification courses beyond the curriculum for the benefit of the students while doing their mini and major projects and in placements sector.

c) Objectives of the practice

- The aim of certification courses is to provide basic career skills that allow students to obtain entry-level positions within their field. It focuses on preparing "Industry Ready" IT professionals by aligning and enhancing the engineering student competencies with the needs of industry.

d) The practice

- Students are trained beyond the class hours by providing hands on sessions on the respective courses.
- At the end of the certification program the students undergo tests on the course they learnt.
- If the students pass with above qualifying mark in the test they are awarded with certificate.

e) Obstacles faced if any strategies adopted to overcome them

  ➤ Lot of time and effort is needed to start the action plan and tune up the minds of students as well as faculty with the new methodologies.

f) Impact of the practice

  ➤ Coding ability gives new perspective to problem solving.
  ➤ Learning to code offers career flexibility.
  ➤ Improves knowledge retention.
  ➤ Encourages individual learning.
  ➤ Encourages collaboration.
  ➤ Students can learn useful life skills through technology.

g) Resources required

  ➤ Video content (YouTube)
  ➤ Devices to access online content (Mobiles , laptops etc)
  ➤ Google. Links
  ➤ Slides and Sites to find Content.