PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA

(AUTONOMOUS)

(2022-23)

BEST PRACTICE -1

    a) Title of the practice

Offering Certification courses like AICTE Edu skills (AWS, Cyber Security, RPA) tableau , Infosys spring board platform etc. to the students.

    b) The context that required the initiation of the practice

The College 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 (online/offline) 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/placements.

- ➢ 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.

Best Practice - 2:

Title of the practice: Dassault Systemes Training Program.

1. Objectives of the practice: The main objective of this Training program is to train the students in various courses like Catia, Delmia & Simulia at four levels.

2. This training program not only improves their technical knowledge but also enhance their employment opportunities.

3. The context: The industry has felt that the graduating engineers are having poor practical skills. To improve the skills of the budding engineers and to improve their practical knowledge so that they are readily acceptable by the Industry the State government has established a corporation (APSSDC) and many skill development centers in various educational institutions. These centers are providing training to students in various domains. The students are not only provided with theoretical knowledge but also provided with practical hands-on sessions during

the training program. APSSDC or the institutions don't collect any charges from the students. They are conducted at free of cost.

4. The practice: The students are motivated to participate in training programs conducted at the training center. The details of the students are forwarded to skill development center. The training session includes both theory and practical classes. At the end of the training an examination is conducted and certificates are issued to the meritorious students.

5. Evidence of Success: It is found that students are trained in courses which are not there in their curriculum.

6. Problems Encountered and Resources Required: Nil