Best Practices

There are several best practices originated in the college. Here, we are submitting two best practices for assessment.

Best Practice-1:

Title of Practice: Employability Skill Development

Objectives of the Practice:

1. To provide soft skills training to students
2. To improve communication skills of the students
3. To improve students' confidence levels to face any placement drive/ job oriented/ government exams
4. To make students industry ready

The Context:

SVEC strives to provide multifaceted training for students to make them industry ready and enable them to achieve excellence in their chosen field.

At SVEC, the department of Training has been started with an ideal pursuit of accomplishing the goals of students by facilitating them with good communication skills, Life skills and Employability skills through various modules of Verbal ability, Aptitude, Logical Reasoning and Soft skills.

The Practice:

The team sprawls its activities from B.Tech. I Semester to VI Semester. A special syllabus is designed to meet the requirements of the students and make them employable. Regular class work sessions for communication skills and soft skills are incorporated into the time-table and emphasis is on improving the student's communication skills and grammar. Various team building activities are introduced to enable students work in teams with positive approach. Also, concepts like Time Management, Inter and Intra personal skills, goal setting are introduced to realize their strengths and overcome their weaknesses. More focus is put on teaching Vocabulary and improving the writing skills of the students.

Students are made to concentrate on Hit pair word list in order to improve their communication and equip them to easily express their ideas, empower them with advanced reading and comprehension skills, add sophistication to speech and avoid misinterpretation and low confidence or esteem. Students are made to focus on various components of verbal ability exercises and given an opportunity to participate in Mock Group Discussions and Interviews and be corporate ready.

Aptitude Training enables the students in improving logical and reasoning ability which helps them solve tricky questions with ease and comfort. The regular practice sessions in the course work make the students confident not only to face placement drives but to attend any sort of competitive exam that is held by the Government of India.

The courses introduced in B.Tech. V20 regulations (2020 onwards) to cover all above-mentioned aspects are listed below:

➢ Hone Your Communication Skills Lab

➢ Programming Lab in C For Problem Solving

➢ Professional Communication Skills

➢ Skill Oriented Course

➢ Python Programming Lab

➢ Artificial Intelligence

➢ Machine Learning

Evidence of Success:

There is a considerable growth in the quality and quantity of the placements. The below table represent the summary of placements and highest package among the placements.

Student Batch	Total placement offers	Highest package (Lakhs/annum)
2019-23	620	12
2018-22	1298	44
2017-21	635	25.22
2016-20	419	26
2015-19	381	4

Student Batch	CSE	ECE	MECH	EEE	CIVIL	TOTAL
2019-23	257	192	56	76	39	**620**
2018-22	595	352	112	192	47	**1298**
2017-21	320	181	40	85	9	**635**
2016-20	227	106	40	35	11	**419**
2015-19	187	78	60	34	22	**381**

Problems Encountered and Resources Required:

➢ Convincing the faculty members to deliver beyond the curriculum to prepare the students for competitive examinations due to tight academic schedule.

➢ Making student ready for off-line training and off-line placements since they adopted for on-line training during the past three years.

➢ Finding out right type of professional agencies who can provide training and skill sets to the students as per market demand.

➢ Learning management system (LMS) is required for online training.

Best Practice-2:

Title of Practice: Campus ERP Software

Objectives of the Practice:

1. To ensure availability of real time data to stakeholders.

2. To monitor the attendance and academic progress of students efficiently by the administration, faculty and parents.

3. To ensure quicker management by administration with less paper work and resource management.

4. To operate various department modules in the organization such as administrative module, Library module, Examination module, and Academic module to process the data in an efficient manner.

The Context:

Educational institutions deal with a multitude of tasks, data and information. The tasks include admission, issue of study certificates, fee collection, academic performance and attendance monitoring. The electronic data management helps in providing quick and relevant information to the stake holders for good decision making.

The Practice:

The ECAP software is used in SVEC as ERP software which is powered by Webpros solutions Pvt. Ltd., Visakhapatnam. The application could be accessed from anywhere in the institution. After many successful runs of the application, it is made available to all the stakeholders for access since November, 2017. It is a cloud-based solution ensuring the server is maintained in the college ensuring the safety and security of the data.

There are no limitations while using the ECAP and all the bugs resolved at the time of design over a period of time. The quality of data is monitored and tested regularly by the staff of the college.

Evidence of Success:

The success of the software is depending on how efficiently the data can be used for regular tasks in time. It is represented in terms of:

➢ Availability of information to the Administration, instantly during interactions with parent/students. This helps understand the academic credentials, and regularity of student for continuous monitoring.

➢ The availability of correct information to the right person at the right time is a major advantage.

➢ The satisfaction of the stake holders regarding the availability of information in evidence of success.

Problems Encountered and Resources Required:

➢ Safety and security are a major problem for software.

➢ Server anti-virus is required.

➢ Cloud storage is required.

➢ Regular maintenance is required.