Best Practice -I

1. **Title of the Practice:** Mentorship Scheme

2. Goal

■ To plan Personal and career goals of students.

■ To improve presentation skills/written skills and oral communication skills.

■ To improve general aptitude test/technical quiz proficiency.

■ To develop leadership qualities.

■ To know resume writing and preparations for mock interview.

■ To monitor overall progress of students during his/her graduation.

3. **The Context:**

■ Along with the adaptation of good teaching learning process, which enhances the technical knowledge of students, Institute has designed innovative methods for the overall personality development of the students.

■ Through Mentorship scheme- institute has developed systematic road map for improving the different aspects of personality developments, Communication Skill, Presentation Skill, Team Work, leadership qualities, resume writing, etc. and make them ready to face the challenges in industry.

■ The students lagging in any of the above mentioned skills are eager to participate in the different activities planned under the Mentorship Scheme to develop themselves.

■ The objective of Institute to implement mentorship scheme is to provide training and guidance to undergraduate students in all disciplines, increase the participation of all undergraduate students from F.E to BE in the different activities conducted by the Institute, which will be useful to them in their life after graduation.

■ Faculty who serve as mentors make a valuable contribution to the education and training of undergraduate students interested in hands-on experience in different activities. Students judge the experiences primarily by their interaction with their mentors. Thus, the role of faculty member in scheme is crucial to the program's success.

4. **Practice:**

■ In the mentorship scheme a Teacher (mentor) is allocated with group of approximately twenty students (mentees). Around five students from each year i.e. F.E, S.E, T.E and B.E to form a group of twenty.

■ Mentor meeting is conducted once in an alternate week. Various activities like career goal setting, presentation skill, communication skill, resume writing, aptitude test etc. are conducted in the meetings.

■ Along with these activities, mentor has to keep the academic record of the mentees allotted to him in terms of their monthly attendance, academic results, co-curricular participation within and outside campus etc. and inform the same to the parents.

5. **Evidence of success:**

■ The evidence of success of mentorship system is reflected through the overall personality development of students.

■ Those students who had lack of confidence, weak in communication, poor presentation skills, were observed having marginal improvement in the lacked areas when they came to final year.

■ Parents were happy to have a system where, the overall progress of their ward is monitored and informed to them timely right from the first year till the candidate completes his/her engineering.

■ There is a marginal increment in the number of students participating in various events held within and outside the college, since the implementation of Mentorship Scheme.

6. **Problem Encountered and Resources required:**

■ The institute being situated in rural area the students are not that much exposed to the current enhancements. To overcome this mentors play an important role by making them aware of the same.

■ To mould the students'mentality towards improvement in their personality without hampering academics was a difficult task.

Best Practice–II

1. **Title   of the Practice:-**Students Associations of Department and College.

2. **Goal**

   ■ To develop personality, communication skill, awareness about different types of entrance exams and interview, and to develop skill to qualify various competitive exams.

   ■ To develop awareness about sports and physical fitness.

   ■ To conduct useful courses and technical seminars & workshops as per the current industry need.

   ■ To organize various activities like programming contest, technical quiz, debate competition, personality contest etc. that will not only enhance the technical abilities and knowledge among the students, but also builds the overall personality skills of the students.

   ■ To organize events like project competition, paper presentations etc.

   ■ To develop awareness about participation in different events held at state, national and

international level.

3. **The Context:**

■ It is platform for students to participate actively in the activities conducted by students' associations.

■ Each department of college has its own students' association and college also has its own students' association called as ─students Council‖.

■ These associations are working on methods of ─for the students, by the students and from the students‖ means these associations are made by students for students development.

■ In the association students may works as volunteer on post such as Chairman/president, Vice President, Joint Secretary,treasurer, Ladies representatives and Executive members. They are selected from students by inviting applications from interested students.

4. **The Practice:**

■ After formation of association the activities are planned for a semester. While making plan different suggestions from student and faculty members are considered in a meeting. For every activity a team is formed including a faculty and students. The team is responsible for conducting the activity.

■ Students associations are planning for at least 18 activities each year and such activities are sports,technical activities and non technical activities.

5. **Evidence of success:**

■ The Students who are participating in activities are appreciated with certification and prize. Attendance of participating students is maintained with the signature of event incharge. Notices has been circulated through college about conduction of activities so that students can take active part in activities.

■ **Students involvement:** Students are actively participating in different activities, it makes a positive improvement in students like personality development, communication skills, management skills, programming skills etc.

■ **Teamwork:** As students and faculty work together, it builds team spirit among students. It also helps for faculty since students are having innovative ideas. Bonding is formed among students and faculty. It helps in many perspectives for students.

6. **Problems Encountered and Resources required:**

■ Students are hesitating to take part in activities because of lack of confidence and daring.

■ Feeling burden of academics to participate in activities.

■ To motivate students for participation is challenge

Best Practice- III

1.Title of the Practice   : SVIT TECHFEST: National Level Technical event and Project Exhibition

2 Goals:

• To promote academic-industry interaction and foster collaboration.

• To expose students to state of art technologies.

• To encourage students to become Entrepreneurs.

• To encourage students to opt Research and Development as career.

• To encourage students to the area of Intellectual Property Rights.

 • To provide mentoring to engineering students from professionals.

• To enhance teaching learning process in Engineering Education

3. The Context

Innovation and creativity are the vital parameters for development of state-of-art technologies to meet challenges of globalization. In today's Knowledge Based Economy, role of upcoming Engineering Graduates will be of upmost importance. There is urgent need to motivate Engineering Graduates to opt their career in Research and Development to accelerate the economic development of country. Right from first year of engineering, students need to be exposed to recent technological developments and to be encouraged to solve day to day problems of industry and society. There is a need to provide more emphasis on project based learning and situation based learning. A National SVIT-TECHFEST and Project Exhibition, organized by the Department of Electrical Engineering of the institute is intended to give students a stepping-stone for entering into the engineering industry.

4. The Practice

 This event has a successful history of 2years

 • It is open for engineering students of all disciplines across the country. It is a platform that allows interaction between industry professionals and students as well as offers the corporate sector a chance to assess the potential of engineering students.

 • It is an event showcasing the efforts and expertise in creating innovative solutions to real-world problems by engineering students from all over India.

 • The students exhibit their working models along with posters and presentations.

• Industry experts are invited as judges. They use structured evaluation methodology to avoid any bias in their judgment.

• The best three projects are selected by a panel of judges. Prize amount for the winners is around Rs.1,00,000/-.

• Electronic and print media gives a wide coverage to this event.

• Many multinational companies showcase their state of art technology products during National Level Exhibition in addition to expert sessions.

• Funding is generated through the sponsorship given by the industries

5. Evidence of Success

• Over the period of time there is a significant improvement in the quality of projects exhibited in the event.

• Due to interaction of industry professionals, small and medium scale entrepreneurs with the participants and students involved in organizing committee, training and placement activity is accelerated and resulted in the improved placement.

• Some participants have gone for the IPR with their projects and are in the process of getting patents for the innovative project ideas.

• Some participants have developed their own products and started private enterprise.

• Enhancement in the application knowledge of students.

• Since all the projects presented in the exhibition are of very high quality, identifying the best projects seems to be a challenging task for the judges, as per their feedback.

6. Problems Encountered and Resources Required Problems Encountered

• Since, the exhibition is open to all, people/crowd management is observed to be difficult job for the organizing committee.

• To provide adequate support and to fulfil diversified requirements so as to make the project functional on the eleventh hour is a big challenge to the organizing committee members.

Resources Required

• Financial Support of around Rs.1,50,000/- .

• Arrangement of stalls with electricity connection, extension boards, regulated power supply, various measuring instruments, internet connection, tables and chairs for all the individual participants.

• Providing specialized requirements like water taps, compressed air, intercom etc.

• Breakfast, lunch and drinking water arrangement for judges, participants, faculty, guests and organizing committee members.

• Pedestal Fans and coolers, Vehicle facility to participants.

Best Practice- IV

1.Title of the Practice : Alumni Association

Goals:

- To provide alumni with the opportunity for social and professional networking and career development.
- To promote a spirit of volunteering and co-operation amongst SVIT alumni in supporting the development objectives of Institution.
- To provide support to the training the students.
- Acting as ambassadors for the SVIT in promoting learning and helping with student recruitment

3. The Context

The Alumni Association of SVIT is registered with the Registrar of Society. The Alumni Association cell is in coordination with Training and Placement cell organizes alumni meet every year to review the activities of the current year and plan the activities for the forthcoming year. SVIT Face book page, departments WhatsApp group, Google-groups account, group email ID etc are available to connect with the Alumni and conduct the face to face Alumni interaction.

4. The Practice

- Alumni Association of SVIT has opened Nashik and Pune chapters in 2018.
- Also conducted Alumni meets at Ahmednagar, Pune, Delhi and Las Vegas USA.

5. Evidence of success:

- During the Alumni meeting, Alumni's and respective HOD's are interact with each other and give them information regarding currents industrial market and practices trends in which they work. Thus suitable improvements with respect to the infrastructure facilities and academic can be made in the institute.
- Senior Alumni's also interacted with the final year students and guiding them in preparing group discussion (GD) and interviews in core and multinational companies.
- Alumni are also guiding to the final year students regarding his projects.
- Alumni also help to the students/department to identify the industries for the students in plant training.
- Alumni take part into arrange the industrial visit to the students where they are worked.