

Best Practices

The institute has adopted the following two best practices in AY 2021-22.

Best Practice 1: Student Training Program

1. Title of the Practice

Student training program.

2. Objectives of the Practice

The objectives of this activity can be listed as;

1. To provide training opportunities in technical, computing and life skills.
2. To identify the training programs in accordance with industry requirements and curricular gaps.
3. To improve employability of students.

After implementation of training programs which accompany industry needed skills, students were found well prepared with industry ready skills. Another advantage was observed that students were more confident while facing placement activities followed by recruitment processes.

3. The Context:

Due to online teaching - learning practices in academic year 2020-21 and partially 2021-22; it was difficult for students to incorporate industry required skills. The problem was critically analyzed with the help of industry advisors, parents and alumni.

Accordingly; it was decided to provide the training which will include technical skills, computing skills and soft skills. The technical skills were identified considering curricular gaps and feedback from stakeholders. Many students were found lagging in computing and soft skills while appearing for mock placement drives. The special team was deputed with the help of professional training partners and NGOs to train the students.

4. The Practice

The training programs were effectively implemented through the various activities like:

- i. Call for feedback from recruiters and alumni.
- ii. Finalizing training programs considering industry requirements and curricular gaps.
- iii. Identifying professional training partners which are well associated with industries.
- iv. Provision of infrastructural facilities for effective implementation of trainings in respective departments.
- v. Providing training to the students followed by periodic or end tests.

5. Evidence of Success:

In the academic year 2021-22 various departments organized training programs. More than 3000 students were facilitated with various training including soft skills, computing skills, technical skills and language skills.

6. Problems Encountered and Resources Required

Academic year 2021-22 was run in hybrid mode. The semester I was conducted through online whereas Semester II was conducted through offline mode. Due to the uncertainty of government and university exams notifications it was difficult to schedule programs in specific duration.

Considering post pandemic situations it was difficult to identify professional training partners who can provide the necessary training.

Students were not able to report in time nor were able to travel due to government or local restrictions at some places.

Best Practice 2: Guest/ Expert/ Alumni Sessions

1. Title of the Practice

Guest/ Expert/ Alumni Sessions

2. Objectives of the Practice

The objectives of this activity can be listed as;

1. To connect industry professionals with aspiring engineers.
2. To deliver content beyond curriculum through industry persons, academic experts and alumni.
3. To aware students about advancement in their respective domains an career opportunities.

3. The Context:

The usual practice of student interaction sessions with industry professionals was affected due to pandemics. The attempt was amplified by arranging more in numbers the session from academic experts and industry professionals.

In the academic year 2021-22; it was planned to arrange one session of experts from various fields every week.

4. The Practice:

To make the lecture series practice more effective, the activities were streamlined as:

- i. Identifying domains and allied resource persons.
- ii. Preparing event calendar.
- iii. Making budgetary provision for expert sessions.
- iv. Collecting Session feedback and quizzes to confirm the outcome.

5. Evidence of Success:

As per planning around 12 sessions per semester per program were conducted on various domains.

As an expert, various delegates from different sectors, alumni were invited. The discussion sessions helped to explore the skill set requirements, opportunities in various sub domains, the presentation skills, etc.

These sessions made students aware about the need of training programs to improve employability which in turn helped to make the students tanning programs.

The expert sessions further helped to come up with field conditions, in situ operations and industry expectations.

6. Problems Encountered and Resources Required

In the first semester of academic year 2021-22 all the sessions were conducted through an online platform MS Team. Though this platform was comfortable for students as well as resource person; the content was not effectively received up to the students. This was identified through their responses, interactions etc.

The second semester started through offline mode. Experts conducted their session in physical mode which in turn made students more aware.