

## Best Practice 2019-20

### 1. Title of the Practice: Project Exhibition

#### Objective of the Practice:

Major objective of organizing project exhibition was to provide the platform and release the potential of the students by showcasing their innovative projects developed in the final year and provide an opportunity for the students to prove their learning in the courses of program.

To Solve challenging problems, develop oral communication skill, public speaking, research team work,

#### Context:

To provide platform and release the potential of the students to showcase their projects, providing evidence of quality learning in the program

#### Practice:

At the end of even semester, Project exhibition will be organised. The students were able to showcase the project with boosting confidence and providing proof for quality learning.

Enhanced student project funding. Majority of the students are carrying out experimental projects of societal relevance

#### Problem Encountered and Resources Required:

Many projects are showcased in latest technology, with context of relevance to societal need is addressed. Choosing best project among the displayed project is bit difficult for the judges who evaluate .

### 2. Title of the Practice: Technical training for students and faculty

To help the faculty and students, institute is training beyond curriculum through NPTEL courses, FDP, SDP, Certificate Courses, Workshops, Seminars and Invited talks.

#### Objective of the practice:

To provide additional learning to all students and faculty, which helps them upgrade to current developments in respective domains. To provide lateral thinking to skills to solve real engineering problems.

#### The Context:

During each semester every department has organised FDP, SDP, Certificate Courses, workshops, seminars and invited talks.

#### The Practice:

Along with regular courses students and faculty are trained in their interested domains through NPTEL courses, FDP, SDP, Certificate Courses, workshops, seminars and invited talk organised by all department.

**Evidence of Success:** Observed active participation and securing certificates in NPTEL Courses, FDPs, SDP, Certificate Courses, workshops, seminars and invited talks.

**Problem Encountered and Resources Required:**

The department does not face any problem to conduct training programs. It increases the number of training-learning hours and lot of effort must be put by faculty members.

Need resource persons

Programs has to be continuous training newly joined staff.

**3. Title of the Practice : Question Bank System**

**Objective of the Practice**

To provide quality education to experiential learners by streamlining and coordinating teaching learning process.

**Context:**

To Train and educate the students to excel in university/ competitive examinations

**Practice:**

Question bank comprising questions encompassing one and half module /two modules is prepared by course instructors and handed over to the students well before each internal test. Three question banks are prepared for each course covering the entire syllabus. Questions are set randomly picking the questions from question bank for the internal test and delivered by IQAC ten minutes prior to commencement of the test. This practice has facilitated the slow learners and advanced learners equally to improve their academic prowess.

**Evidence of Success:**

The performance of students have improved in continuous internal evaluation as well as in semester end examination as evident in their improved grade point average.

**Problem Encountered and Resources Required:**

No problems were encountered during the implementation. Uninterrupted power and internet facilities are required.

**4. Title of the Practice: Conduct of remedial classes**

To help the students who failed in more than two subjects in the university examination.

**Objective of the practice:**

To provide additional support to the needy students so as to help them clear their backlog subjects in the subsequent semester end examination and gain eligibility for next year admission.

**The Context:**

After the announcement of university results the individual department executes result analysis subject wise and identify the students who have not cleared in the examination. Action plan is initiated to take remedial classes for those students to help them to clear the subjects in the immediate coming university examination.

**The Practice:**

A Separate Remedial Class timetable is formed for the identified students. Students are made to solve problems under the supervision of faculty. Classes will be more interactive rather than regular classes.

**Evidence of Success:** Observed good performance in the University Examination

**Problem Encountered and Resources Required:**

The department does not face any problem to conduct remedial classes. It increases the number of teaching hours and lot of effort has to be put by faculty members. Additional faculty to take overall workload is essential.