

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link.

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

A) Best Practices-I

1. Title of the practice:

Earn & Learn Scheme

2. Objectives of the practice:

- To give benefit to the students coming from the rural areas and who are economically backward, intelligent, needy and financially hard pressed.
- To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society.
- To increase skills of beneficiary students in areas of their study, office work, technical work and field work.
- To enable needy students to earn every month to cope up with their expenses.
- To prevent students from avoidable distractions and engage them in meaningful, positive activities.

3. The Context:

Applications are invited from needy students. Scrutiny of applications is made and the final list of selected students is being displayed. Final list is sent to all the concerned departments/sections where these students are supposed to do assigned work under the earn and learn scheme.

4. The Practice:

The type of work or task assigned to the students under this scheme includes office work, technical work & field work.

Below mentioned work is assigned to students under this scheme:

1. IC testing, soldering and probe repairing work required for laboratories in Electronics and Telecommunication (ENTC) department.
2. Research and development laboratory works at various departments.
3. Software installing and LAN connection related work under Computer Science and Engineering (CSE) department.
4. Participation in social activities such as “Nirmal Wari”, “Police Mitra”, “Pani Foundation”, “Green Team” etc. (National Service Scheme).
5. Arrangement of books, labeling of books in library, arrangement of files & other related things.

5. Evidence of Success:

- Institute has spent around Rs. 27 Lakhs for students under this scheme during 2018-19.
- Expenses of their mess bill and hostel fees are being born by the institute.
- Total 180 students were enrolled under the scheme in academic year 2018-19.

- By availing this facility, some alumni of institute are successful in building their bright career & working at top positions in reputed organizations.

6. Problems encountered and resources required:

The task of finalizing the students' list is difficult, as more number of aspirants are approaching for availing benefit of this facility.

B) Best Practices-II

1. Title of the Practice:

Prizes to meritorious students

2. Objectives of Practice:

- To motivate the students to reach at higher levels of success and keep consistency in their academic performance.
- To provide a tangible reminder of what is possible.
- To support needy students.

3. The Context:

It promotes students who are economically backward and need financial assistance. This practice is for promoting the students to have excellent performance in University Examinations and competitions. In this context, the institution has been doing the practice of giving prizes to the meritorious students.

4. The Practice:

- Under this scheme institute gives Rs. 10,000/- each to first six toppers from each class.
- Institute also gives Rs. 21,000/- , Rs.15,000/- & Rs.10,000/- to first, second and third university toppers, respectively.
- In addition to this, first year toppers are being awarded with gold medals.
- First year students who have excellent academic results in 12th standard, are awarded with prizes.

5. Evidence of Success:

- Every year prize amount around Rs.10 Lacks is distributed to the meritorious students.
- Number of meritorious students are benefited & motivated through this scheme.
- Students who are economically backward have succeeded in making excellent career.
- The impact of this practice is tremendous and the slow learners are definitely inspired by the meritorious students' academic achievements. Few students who had less percentage at H.S.C. level are being motivated by this scheme & have remarkable improvement in their academics.

6. Problems encountered and resources required :

- The number of meritorious students is more.

C) Best Practices-III

1. Title of the practice:

GATE Training to students

2. Objectives of Practice:

- To make the students capable for competitive exams.
- To enhance conceptual knowledge of students in particular course and disciplines through instructions particularly for solving novel problems in the respective area.
- To improve thinking skills to generalize as well as to standardize the methods and concepts to other applications.
- To develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge; identify common obstacles and errors; and contextualize individual problems within the themes and concepts of the course.
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3. The Context:

Institute has started providing GATE Training to third year and final year Engineering students from professional trainers. In-house GATE training program has been designed & implemented to prepare our students for competitive exams such as GATE/IES.

4. The Practice:

This course is implemented for third and year final year students of Mechanical, Electronics & Telecommunication, Computer Science and Civil Engineering. The duration of course for every class is approximately 300 hours. Post TE-II and BE-I university exams, 15 days are allocated for this course. Daily 10 hours of coaching is undertaken by subject experts from Imperial institute of excellence. Institute is contributing Rs. 2,000/- per student. In addition to that stay and food arrangements of trainers are borne by institute only. While students are contributing the remaining minimal amount of Rs.7,000/- (for Civil) or Rs. 6,000/- for Mechanical, CSE, ENTC students.

5.Evidence of Success:

- Institute spends around Rs.10 Lakhs every year for students under this scheme.
- Due to this training till now 50 students have qualified in GATE Examination.
- It has helped the students in higher studies and placement.

6.Problems encountered and resources required:

Reluctance, ignorance, negligence of some students is observed for such an extensive 300 hours of GATE training program .

Such students who are not inclined to participate in this extensive program are identified and positively counseled and convinced through Head of Departments, Class coordinators and subject teachers. In addition to above, awareness sessions of Dean Training and Placement and Industry Interaction are conducted for every class and maximum sincere involvement of students is ensured. As per the need, parents are also approached for spreading awareness about training program and intimating importance of this program as a stepping stone for bright career. Dean Training and Placement and Industry Interaction conducts awareness sessions about GATE training for students.