



UNITED INSTITUTE OF TECHNOLOGY

(Approved by AICTE, NEW DELHI and Affiliated to Anna University, Chennai)

Accredited by "NAAC"

Coimbatore -641020

BEST PRACTICE-I

1. Title of the Practice: Subject materials

2. Objective of the practices

- To improve the academic performance of the students, subject supplementary copies solved by subject experts are provided by segregating repeated questions from the university papers.
- To improve the analytical skills for the problematic subjects United Institute of Technology has implemented evening tutorial sessions.
- To enable and encourage slow learners United Institute of Technology has implemented a system to evaluate the university question papers with the existing question bank to show the ratio of repeated questions.
- To bring out novelty in teaching and learning methodology additional projectors are installed in all classrooms.

3. The context

- To improve the overall academic performance, it is necessary to impart the previously solved question paper to the students to know the model of expected questions in the university examinations. It is clearly understood from the result analysis that the percentage pass is low in analytical subjects.
- To improve the result a special tutorial hour is planned for the analytical subjects. Effective utilization of teaching and learning is an important task. To accomplish this additional projector are installed in the classrooms.

4. The Practice

- Question papers of a decade are collected from the university database. As per the regulation the question is sorted based on the syllabus. The sorted question is highlighted by years for ease of analysis.
- All the subject-wise questions are collected by the respective class advisors and scrutinized for bookbinding.
- It is recommended for faculty members to prepare internal assessment questions from the question bank. Every subject question paper of the university examination will be evaluated with the question bank.
- The percentage of questions from the question bank is analysed if the ratio of repeated questions from the question bank is less than 60. Then the respective subject handling faculty will be asked to revise the question bank, taking the questions from Autonomous institutions and universities.
- For problematic subjects, special tutorial hours are allotted in the evening session. To make use of the evening session, two faculty members are allotted to discuss the respective subject session.
- Students are grouped by their grade and they are asked to solve the problems on a peer to peer basis with the help of a subject expert.

For an effective teaching-learning process, projectors are installed in classrooms to make use of video tutorials and animated videos for ease of understanding.

Examination Pattern for Each Semester:

S.NO	NAME OF THE EXAMINATION	PORTION COVERED
1.	UNIT TEST-I	UNIT- 1
2.	INTERNAL ASSESMENT-I	UNIT- 1 and 2
3.	UNIT TEST-II	UNIT- 3
4.	INTERNAL ASSESMENT-II	UNIT- 3 and 4
5.	UNIT TEST-III	UNIT- 5
6.	INTERNAL ASSESMENT-III	UNIT- 1 to 5

5. Evidence of Success

- As a result of the implementation of the question bank, university results are improved compared with the previous semester result.
- Because of evening tutorial sessions, the results improved in analytical subjects.
- The teaching-learning process through the ICT classrooms paved the way for a better understanding of subjects and students become more knowledgeable.
- ICTs way of teaching creates more interest among the students in the subjects.

6. Problems Encountered

Materials require improvement in practical strategies and developmental skills

Field work and projects are to be necessarily made as a part of the curriculum.

Requires improvement in analytical and reasoning subject electives

Best Practices - II

1. Title of the Practice: STUDENT ACADEMIC ORIENTED

2. Objective of the Practice:

Assessment is mandatory and plays an important role in the process of learning. To ensure accurate assessment United Institute of Technology has implemented the following methods:

- Internal Exam Cell Establishment.
- Allocating register numbers of students in different classrooms for Internal assessments and semester examinations.
- Consolidation of students answers script evaluation report.

3. The Context

A separate exam cell is allocated with an in-charge to take care of the entire examination activities. He is responsible for the entire activities and ensures the smooth conduct of the examination. Once the assessment schedule is given by the Anna University, the External

Examination cell will forward the dates to the Internal Exam Cell where the department coordinators will allocate duties for the staff member as per their respective timetable. After the examination, the scripts are collected and placed in the internal examination cell. Respective subject faculty have to evaluate the paper only in the internal cell. A remark sheet is to be filled by the respective faculty while evaluating with the key. The same should be discussed with the students while distributing the papers.

4. The Practice

A separate Internal Exam Cell Coordinator will be allocated for each department. He/She is responsible for the entire activities in the concerned departments. The role of the coordinator is to monitor and to intimate the timetable for the respective department faculty members. The faculty members are to provide coaching to their respective classes during the morning session (8.45am to 12.25 pm). While in the coaching hours, repeated questions from the university questions papers are discussed. In the afternoon session examination will be there for 3 hours, following the semester examination pattern. A Hall invigilator will be assigned for examination duties. He/She is responsible for the particular hall where they are asked to collect the papers after the end of the examination. The same has to be handed over to the overall Internal Examination Cell.

A separate circular will be passed to the respective department to avoid the absentees during the Internal Exams. The respective subject faculties have to report to the Internal Examination Cell for their subject evaluation. The faculties will be provided with a Remarks summary sheet where they have to fill the remarks for the individual answer script like missing question numbers, formulas, diagrams, units, etc. All the remarks of the particular class will be consolidated and the same will be verified and approved by the heads of the department and by the principal. The approved consolidated remarks will be discussed in the classroom with the answer script to avoid such mistakes in the future.

Implementation of question bank and additional learning opportunities

1. Introduction of question bank.
2. Evaluation of question bank with university question papers.
3. Special tutorial sessions in the evening hours.
4. Installation of additional projectors in classrooms.

5. Evidence of Success

The progress of student individuals is estimated on the basis of their performance. This procedure helps students to grow in academic stream thus knowing their strength and weakness in every subject.

6. Problems Encountered

- Lack of critical questions
- Lack of performance from students.
- Need to upgrade the marking scheme.