

Best Practice No. 1

Title of the Practice: Assuring learning of students for continuous improvement

Objectives of the Practice:

- The primary purpose of doing AoL is ensuring that students have achieved the goals which have set.
- To define learning goals and outcomes for various courses
- To ensure the ability of students to attain the learning programme outcomes
- To assess continuous progress of students & aimed at continuous improvement.
- To focus on helping students to start with clear picture of what is required of them to do successfully at the end of their learning experience.

The Context:

- Students undergo systematic evaluations over the course of their program
- Course outcomes should be taken into consideration

The Challenges:

- Difficulty in monitoring individual progress of the students based on target set for a course.
- To set and achieve the determined goal for a particular course.

The Practice:

The weightage of each assessment component for a particular course is decided. The criteria for CO attainment level is fixed and identification and mapping of assessment components with Cos are done. The compilation of the student performance data under each assessment components is made and CO attainment level and subsequently course and Program attainment level is decided.

Uniqueness in the context of Indian Higher Education:

It is easy to obtain individual student's progress and achieve the learning outcomes of individual courses. It helps to identify the slow learners based on the set goals and guide them for further improvement. Setting shared expectations between students and instructors. Providing clear direction for educators when making instruction and assessment decisions. There is a shift from teacher centric learning to student centric learning process.

Constraints / Limitations:

- Regular maintenance of the records
- Creating appropriate growth targets for classrooms

Evidence of Success:

Better understanding imparted on individual student performance. The improvement can be made based on attainment analysis for next year.

Problems Encountered and Resources required:

- Dependence on computers/devices otherwise lengthy.
- Complex process in terms of organizing the curriculum, instructions and assessment to make sure the learning ultimately happens.

Best Practice No. 2

Title of the Practice: Initiated Establishment of Student Research Cell

Objectives of the Practice:

1. To offer a forum for identifying and deliberating on multi-disciplinary problem(s)
2. To help students understand the nuances of research, develop an attitude for research and encourage right questioning
3. To help students identify a research problem and write a correct problem definition.
4. To encourage and facilitate students to compete in national and international events, organized by reputed institutions / organizations
5. To create a chain of UG/PG/PhD students to build and sustain progressive research environment.
6. To help students to develop analytical and decision making skills.

The Context:

The motive behind the initiative of establishing a Student Research Cell (SRC) is to develop and boost research capability at UG/PG level, by creating a conducive environment through a chain of facilitators / mentors and to promote multi-disciplinary research among students

The Challenges:

1. To motivate students for research oriented projects in highly competitive professional environment.
2. To engage UG students in research projects (over and above the curriculum), which requires extra time and has unclear outcomes.
3. To identify students with research aptitude.

The Practice:

The Student Research Cell functions as a facilitator, a link between the UG – PG – PhD scholars within the discipline and inter-discipline too. The functions of the cell are as follows:

1. To conduct seminars /workshops/ lecture series etc. for creating awareness and developing research skills
2. To promote research oriented reading and writing skills
3. To integrate various disciplines, available resources on campus and improve connect with the industry
4. To support and facilitate participation in various national and international technical events.
5. To facilitate networking among peers
6. To identify research mentors for research groups
7. To build a conducive research environment
8. To create awareness and facilitate IPR generation

Uniqueness in the context of Indian Higher Education:

Indian higher professional education institutes are expected to focus on following points to aligned with the policies/objectives of GOI.

1. Employability
2. Entrepreneurship
3. Lifelong learning
4. Theoretical base with practical skills for sustainability
5. Research activities to develop technologies for self-sustained India and to promote 'make in India' movement.

Student research cell concentrates on point no. 5.

Constraints / Limitations:

It is very difficult to conduct research with confident financial feasibility, due to uncertainty in research outputs.

Evidence of Success:

Strengthen student's research and orientation to prepare them for higher education and to help them with placements in research oriented industry.

Problems Encountered and Resources required: Nil