

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

6.5.2

The Institution reviews its teaching Learning Process, Structures and Methodologies of Operations and Learning outcomes of Periodic intervals through IQAC set up as per norms.

Describe any two examples of Institutional reviews and implementation of Teaching – Learning reforms facilitated by IQAC

IQAC of PVPSIT works with the sole motto of Toil, Faith, Progress envisaging the sustainable development of the Institution. It acts as a catalytic agent to stir up activities that lead to Quality enhancement. It has a dedicated team of staff who involve in all the developmental activities. There is a trimester Quality check on various parameters and the outcomes attained by the departments PDCA cycle is adopted in ascertaining Quality. There are well articulated systems and procedures.

I. Attaining Academic Excellence:

PVPSIT focuses on providing an environment conducive for teaching – Learning and successfully ignites the young minds and inspires them in various ways to explore the knowledge on Technology, emerging areas and stirs them to application of Technology.

Thrust is laid on recruiting eminent and experienced faculty with rich exposure and capable of providing necessary inputs to the students. Curriculum is designed based upon the Industrial needs identified through feedback from Employers, Alumni, Faculty, Industrialists and Parents. The Curriculum is then approved by the Board of Studies, Academic Council and the Governing Body. It is in tune with the guidelines of the New Education Policy 2020 and provides necessary flexibility for the student to opt for courses based on his/her interest. Academic Calendar is prepared to provide a hassle free environment for Learning. Faculty prepare the Lesson plan and take care of the Course Delivery. The Course Coordinator and the Module Coordinator work in close coherence and guide the faculty to attain uniformity in Course delivery.

Necessary Student Support System is in force through various platforms for sharing the knowledge resources. Syllabus completion is ascertained through regular, Periodical reviews by the HOD. Apart from the regular courses, the student is provided ample opportunities for taking up various value added courses, certification programmes, Internships that enrich their theoretical and practical knowledge. Knowledge Centre facilitates various online programmes. Faculty are provided financial support for attending Faculty Development Programmes organised by IITs / NITs and Institutions of reputed FDPs are also arranged on campus by inviting Resource Persons from Various Academic organizations, Industries and NITTTR, Chennai. Guest Lectures are arranged for the benefit of the Students. The only aim of the Institution is to focus on imparting Technical Knowledge to the students and making them professionally adept.

Results obtained by Students in the Sem end examinations and the proficiency properly acknowledged through certification exams stand proof to their Spinneret and Academic Caliber. The Quality Circles also play a significant role in further fortification. Remedial Classes provide necessary support to the slow learners while the Bridge courses enable the newly admitted student to successfully form a firm foundation for their Academic Excellence.

The activities of IQAC in this regard are

- a. Introducing ICT enabled teaching learning practices
- b. Arranging programs on Outcome based education
- c. Collaborative programs with NITTR
- d. Induction programs to First year students about examinations and other mandatory rules, regulations and policies
- e. Annual academic audit process
- f. Quarterly and annual internal audit process
- g. Introduction of Honors/Minors to advanced learners
- h. Monitoring the activities regarding slow learners
- i. Course exit Survey, Alumni Survey, Graduate exit survey for PO calculations... etc;
- j. Stake holders feedback on curriculum

2. Conducting Online classes and Cultural day during Lockdown period:

During the pandemic situation, IQAC has identified various online platforms for teaching learning process and discussed with Principal, HoDs and other faculty members to identify the flexible and feasible platform. Finally, Google meet/Google classroom is identified as platform to be used for teaching learning process during this lockdown period.

All faculty are given training on how to use this platform and various options that are available like attendance, course delivery, course content sharing etc;

IQAC ensured the process by allowing all HoDs to enter into any online class and monitor the teaching process and attendance.

All Non teaching staff is also trained to take care of virtual labs. A recording of experiment is done for specific labs in core departments and clearly explained during the lab class.

After lockdown the entire college followed the norms given by government time to time like checking all member's temperature with thermal scanning, providing sanitization stands at various prominent places etc;. The total section is divided in to two parts and ensure the distance between student to student is as per norms.

All faculty and students are ensured that they are vaccinated as per norms. Vaccination drive is also conducted in the campus for needy people.

IQAC has given guide lines about the online conduction of annual college fest SITAR. The college has successfully completed the fest.