

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The department improves student learning by way of giving excellent self-learning mode, assisted learning, and hands-on experience. The advanced computing, internet, and Wi-Fi facilities are arranged and e-learning facilities are made available to improve the student learning activities.

The direct assessment signifies the students' show informative & summative examinations, seminars, assignments, etc. Through these tools, the attainment of COs is quantified.

Formative assessment - the teachers work continuous valuation during the study to measure and improve student learning. The methods applied to yield critical information for monitoring an individual's acquisition of knowledge and skills, evaluate analytical thinking, decision making, and problem-solving abilities. Measures applied include viva voce and written tests (internal assessment) during the course delivery.

Internal Assessment: This is a formative assessment, used to evaluate the academic performance of the student periodically.

Seminars: The students are required to present a seminar on the course of study. The goal of the seminar presentation is to assess students' interaction with peers and teachers on assigned topics. The content, preparation, presentation, and conversation abilities are evaluated.

Assignment: The assignment is aimed to assess students' understanding of the allotted topic, ability to gather information, understanding of the content, comprehension, innovation/ideas, Analytical/critical thinking, interpretation skills, and written communication skills concerning the learning outcomes.

Viva-voce: The subject teacher regularly interacts with the student during the practical classes to evaluate the extent of knowledge and ability for critical thinking. Project work: The final semester students take up group research projects under the guidance of a faculty member. The ability of the students - to plan and then execute the plan by designing and conducting experiments; analysing & interpreting data and delivering the outcomes within a time frame is measured.

Summative assessment - Complete assessment of learning outcomes is done at the end of the semester. The approaches applied are the end semester University examination that is conducted both in theory and practical at the end of the semester covering the complete syllabus. Results of end-semester examinations help regulate the academic performance of the students at the end of the course besides the extent of outcomes that have been attained.

The spirit of the B.Tech program resides in the objectives of this program itself i.e. developing students' capabilities into professional talent in the software development arena. The emphasis is on inculcating skills through an optimum blend, self-discipline, guidance, and supervision. The students become well versed in analysing, designing, and developing applications to solve computer science-related problems. The learning outcome of this program delves into making learners well proficient in integrating and applying contemporary IT tools to solve problems efficiently and develop computer applications. Preparing students to function effectively both as a team leader and team member on multi-disciplinary projects and enabling them to demonstrate computing and management skills are implicit learning outcomes of the UG & PG programs.

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