

Vision:

“Geethanjali visualizes dissemination of knowledge and skills to students, who would eventually contribute to the well-being of the people of the nation and global community.”

We believe that every student can learn and possesses three qualities: an inclination to learn, a strong self-motivation to excel, a passion to contribute to technological development, which are to be nurtured carefully. We, at Geethanjali college of Engineering and Technology, therefore, transformed the Traditional Education, which is teacher centric to a student centric, by carefully crafting the content delivery mechanism, through innovative teaching-learning practices, making students more curious, we create knowledge holes for students to fill. Learning is made enjoyable by creating the seeds of curiosity in the students, who explore their ideas through hands on and in the process some of them become researchers, in addition to acquiring several skills.

Our Teaching-Learning Process involves use of a few simulations of Real-world Learning, Teaching outside the classroom, Project based learning and Collaborative learning.

Teaching through simulations facilitates explanation and strengthening of complex concepts, attracting and retaining learners' attention, generating interest among students

It is observed that this process of content delivery has made the students retain the concepts for longer period of time as “real world problems are brought into classroom” by way of simulating a real-world experience”. Teacher takes up a real-world example with reference to an application. Teachers prepare a few physical models wherein some topics of the course are mapped to a module of the selected application. Such case studies are enhancing the understanding levels of the students and are able to appreciate the learning process.

This is further substantiated by the concept of teaching outside the classroom through industrial visits, and field trips to have a glimpse of what engineers do, the process and language of engineering design, and non-technical side of engineering, particularly environmental issues so important for sustainable societal development.

Project (Problem) based learning is another effective pedagogy followed in our institute. Here, students learn through assignments given based on real world problems, which provide an opportunity for them to apply their knowledge providing various solutions for the task given to them. This enhances their analytical thinking and help them in retaining the content over longer time.

Peer learning and collaborative learning are other methods employed as it is our belief that some students prefer to learn from their peers and they do so more quickly.

All these methodologies helped in students attaining the Graduate outcomes, namely, problem analysis, investigation, design, use of engineering tools, individual and team work, professionalism, impact of engineering on society and environment.

This has also resulted a fruitful outcome through increased number of students participating in various Technical design competitions and Hackathons addressing the societal needs with confidence at national and international levels.

Thus, we at Geethanjali are moving in a path that leads to effective knowledge dissemination and increased retention levels among the students, who, therefore, can contribute for the well-being of the nation.