

Innovations in Instructional Delivery and Methods

- Faculty members use working models which can be carried into classrooms and demonstrate the working in an effective manner to the students.
- Concept oriented activities are planned in the classroom with the participation of the students.

Innovations in Assessment

Special Assessment software is designed and implemented to collect the attainment levels of course outcomes and program outcomes on frequent basis.

Peer Learning Process

- Students are given the opportunity of peer learning wherein they can learn in groups. The groups are made in such a way that students from all categories of students are a part of the group. The categorization of students are done by the class coordinator in consultation with the other faculties and HOD based on their performance in university exams.

Some of the other innovative teaching methods adopted in the department are:

- **Online courses:** NPTEL videos/ MOOC courses/webinar sessions are made available for students for the purpose of progressive learning. These courses also help the students to advance their skills for career development. The institution also serves as local chapter of NPTEL, wherein students enroll for courses and get certified after the successful completion of the course. Webinar sessions are also arranged by faculty for an in-depth study of some topics of their subject. Video lectures are also made available to students for enhancing their subject knowledge.
- **Site Visits :** Students are taken for site visits to have a practical experience of subjects. Students get an opportunity to interact with industrial experts, which enhances their technical knowledge. The subject teacher accompanies the students to the site.
- **Question Banks:** Based on the previous university question papers, subject teachers prepare module wise question bank which are made available to the students. The Question bank is updated every six months after the conclusion of university exams.
- **Google Classrooms:** Faculties use google classrooms for sharing of notes and assignments. The students can view, download and use the notes from the online platform.
- **Group Assignments:** In order to cultivate collaborative learning among students, group assignments as well as group discussions are carried out. The students develop peer support skills as well as communication skills through these activities.