

### **2.5.3: IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution**

The autonomous examination system of the institution is ably supported by a strong IT infrastructure. The institution has developed in-house IT tools for the management of the entire examination system commencing from course registration and ending with publication of results. A third-party IT tool is also used along with the in-house IT tool to handle selected operations of the examination system such as results processing. The processes and procedures of the examination system are documented, reviewed by committees, and approved by competent authority. Improvements in processes and procedure are periodically introduced and approved by statutory bodies. The institution follows a continuous comprehensive evaluation system with absolute grading and CGPA based reporting of student performance. The institution has implemented relative grading from the 2021 batch onwards. The IT tool is used in the management of course registration, attendance recording, entry of marks and calculation of internal marks, CO wise attainment calculations, collection and reporting of faculty feedback. The IT tool also supports the automatic question paper generation for the continuous comprehensive evaluation test for selective courses. The IT tool also supports for processing of end semester results, publication of results and the archiving of marks and grades. Co-creation of question papers, using experts for assessments are some of the important practices. The institution is also well equipped to conduct proctored examinations.

Questions for Continuous Assessment and ESE are mapped with Course Outcomes and cognitive levels as recommended by Bloom's Taxonomy that facilitates assessing the attainment levels of Course Outcomes, Programme Outcomes and Programme Specific Outcomes of a given batch.

Continuous Internal Assessment (CIA) includes two Continuous Comprehensive Evaluation Test (CCET) in a semester for each theory course and practical course, every practical exercise / experiment shall be evaluated based on the conduct of the experiment / exercise and the records to be maintained. There shall be at least one test to keep the students engaged with the course content throughout the semester.

The End Semester Examination (ESE), theory will be of three hours duration and will be conducted between October and December for the odd semesters and between April and June for the even semesters. The project to be completed in the final semester can be done as a team work. The examination for the project work shall consist of the evaluation of the final report by an examiner followed by a viva-voce examination.

Web link: <https://coerp.mcet.in/>