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

The college keeps its examination system open for modifications and thus strengthens it from time to time, ensuring the system fool proof and address the grievances of students, if any. The drivers for reforms in examination system of Indian engineering education taken up by the premier technical institutions have been incorporated into our examination system and they include OBE- frame work for assessment process, evaluation of higher order abilities and professional skills in different forms like MOOCs, internship experience and project works, Bloom's taxonomy for assessment design etc. The following significant reforms were effected in the Examination system. • Credit system was introduced for the benefit of the students. • Quizzes / Surprise Test(s) /Project works and assignments are made part of evaluation. • Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation and declaration of results. • Continuous Internal Assessment (CIA) includes Mid examinations twice in a semester for each course, periodical assignments/tests/quizzes etc. to keep the students meaningfully engaged with the subject content throughout the semester. Reform(s) Positive impact(s) 4 sets of question papers are maintained for each subject / course Confidentiality in the question paper selection Setting the question papers from all the units with internal choice and moderation of question papers. 1. Maintain standards and coverage of syllabus among all the units 2. Students are required to study all the units in a given course 3. Improve the course outcomes by Page 2 of 2 implementing internal choice Preparation of detailed scheme of evaluation by internal subject / course experts 1. Uniformity in the evaluation among the evaluators 2. Fair judgment for the students Appointment of squad consisting of senior faculty members of other reputed institutions and internal faculty to monitor the semester end examinations Strict vigilance for smooth conduct of examinations Establishment of Spot evaluation center 1. Confidentiality and custody of answer booklets are ensured 2. Declaration of results within the stipulated time Establishment of

CCTV Surveillance System 1. Continuous monitoring of activities of examination section and spot evaluation process 2. Restricted entry and surveillance of the entry of un-authorized persons into the examination section 3. CCTVs in the vicinity of the examination rooms to curb untoward incidents of malpractice Encoding and decoding of answer booklets Provides confidentiality and unbiased evaluation. Evaluation of 5 answer booklets by all the examiners of the concerned board at the beginning of evaluation 1.Ensure uniform evaluation Automation of examination management system 1. Improvement in reliability, efficiency, security, transparency, confidentiality and accuracy in the entire process 2. Software developed by the institute provides flexibility to incorporate autonomous curriculum requirements Personal verification and revaluation system Accountability of the evaluation process and improving the transparency in the evaluation Advance Supplementary examinations and timely publication of results & issuing necessary certificates in time. Provides more scope to final year students for their placements and higher studies Inclusion of security features in grade sheets as well as in answer booklets Chances of manipulations are nullified. The College has initiated major reforms in evaluation. Five marks are allotted for attendance in the respective theory subjects in a graded manner. Five more marks are earmarked for quiz/online examination/surprise class tests by the concerned teacher in the respective theory subjects so that the students update themselves with the subject content regularly. Implementation of these measures created a positive impact on students' attendance and the results