

2.5.4 Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the Examination Management System.

I.Positive impact on IT integration

1. With ERP system, Subject teacher login with their user id and enters the marks for the Continuous Internal Assessment system. The Marks entry for CIA by the subject teacher concerned ensures transparency and integrity. The Heads of department approve the marks through their log-in after verification which ensures zero error.

2. Complete automation of examination helped in the successful execution of examination processes such as

- Monitoring of examination fee payment,
- Hall ticket generation for the fees paid students.
- Examination schedule ,
- Conduct of examinations,
- Hall plan,
- Seating arrangement
- and Question paper distribution .

3. Automated system of Question paper setters facilitated on-time and Quality output from setters.

4. Result statistics for moderation for the board members is given

5. The automated process facilitated the analysis of students' performance course-wise with much ease and we were able to undertake necessary measures for improvement

II.Positive impact on CIA

1. The schedule for the conduct of Continuous Internal Assessment test is printed in College diary.

2. The Students are well informed about the schedule of CIA in the beginning of the academic year with the information in College diary.

3. Continuous Internal Assessment consists for two Internal tests ,two assignments and One model examinations. This system helps students to prepare consistently and outshine not only CIA but also in Autonomous semester examinations.

4. The assessment process gives enough scope to the students to improve their performance and analyze their progress on a time to time basis.

III. Positive impact of reforms on the examination procedures and processes

1. As per the University of Madras and UGC guidelines, 13-digit Register number is allotted to students admitted from 2017-18. The components of the register number is
 - a. First two digits – Year of Admission 2017-18 (17),
 - b. 3rd to 6th digits – Center code
 - c. 7th digit - UG , PG, PROF., M.Phil., Diploma, PG diploma etc (1,2,3,4...)
 - d. 8 to 10th digits – Branch (List enclosed)
 - e. 11 to 13 digits – Running numbers

This register number helps to uniquely identify the students in Shift-I and Shift-II Stream.

2. Well sequenced and automated ERP system is place for coordination of Examination activities from the generation of Exam Application form to Permanent Pass Register(PPR) for UG ,PG and M.phil courses.
3. Student wise subjects for the academic session is assigned based on regulations defined by college academic council as recommended by board of studies of various disciplines
4. Appointment of Examiners for Question paper setting, Conduct of Practical examinations, External Viva-voce and Paper evaluation with the Periodic updated subject expert database.
5. Reform in practical examinations for the science subjects mainly consists for a evaluation of proficiency in wide variety of skills by requiring a student to perform a number of small experiments instead of just one big one, minimizing examiners variability in scoring through the development and use of a detailed marking scheme.
6. Question Paper Scrutiny by external subject expert ensures Quality output.
7. The highest parameter of efficiency with regard to the evaluation process in the college is honesty and impartiality with the following procedures
 - Dummy Numbering for confidentiality has been adopted to ensure confidentiality in valuation system since autonomy.

- ✓ Central valuation system
- ✓ Double valuation of PG answer scripts.
- ✓ The system of The Chief examiner and Chairman of Boards of Examiners help the Controller of Examinations ensure security and confidentiality of the evaluation system.
- ✓ Opportunity for the students with an instant examination for the students who have failed in only one paper in the final semester for the final years of PG and UG .
- ✓ Mark Sheet & Consolidated mark sheet with security features.
- ✓ Grades are awarded for Students' performance as per CBCS and UGC guidelines.
- ✓ Results are declared in the web-portal for instant access.

Pre examination process

1. List of calendar of events pertaining to conduct of CIA, Practical and Semester examinations is prepared and disclosed to the students and stakeholders at the beginning of the academic year in the college calendar

2. Subjects for the academic year is confirmed with the subjects in the Syllabus verification process .The syllabus verification is done jointly by subject teacher and HOD.

3. Student wise subjects for the current semester assignment is done in the ERP .

4. Applications are issued to the students for regular and supplementary examinations

4. A copy of the syllabus, question paper pattern and a model question paper are sent to the external examiners for question paper preparation.

5. A thorough scrutiny of question papers is done by a panel of experts

6. Modules in ERP -software is used in students' Nominal roll generation.

8. A Time table for End Semester(Practical and Theory Examination is prepared by the CoE.
9. Hall tickets are generated and distributed for eligible students
10. Seating arrangement is done in the ERP system.
11. Invigilators list and attendance record of students are prepared well in advance by the office of the CoE
12. Guidelines on students and invigilators role during examination is informed through Circulars

Examination process

1. Utmost care is taken to maintain confidentiality in the preparation, scrutiny and printing of question papers
2. Answer scripts with multiple security features are printed and adequate supplies are stored
3. The invigilator gets the signature by the students in the format issued by the office of the CoE
4. Strict vigilance is maintained during the examinations to ensure the sanctity of examinations
5. Invigilators and special examination observers help to maintain a disciplined atmosphere for the smooth conduct of examinations

Post examination process

1. Proper arrangement is made for valuation of answer scripts
2. Consolidation of internal marks and the semester examination mark is carried out by the ERP System.
3. End semester results are published within 15 working days from the completion of examinations.
4. Application for revaluation is processed and valuation is carried out, for students who apply for revaluation.
5. Mark statements with secured features are provided to students.
6. Grievances, if any, are reported to the CoE and are redressed
7. Result analysis on Semester Examination are prepared and provided for performance analysis.