*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.*

CLPT has been continuously carrying out reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation and declaration of results. Examination procedure has been completely automated using SS software. SS software is used for hall ticket generation, generation of marks statement and provisional certificate.

1. Semester pattern of examination with continuous evaluation system has been followed.

2. Credit based system was introduced in B.Pharmacy/ M.Pharmacy for the benefit of the students.

3. Question paper pattern has been changed and consists of two parts Part A and Part B along with objective type multiple choice questions.

4. Inclusion of attendance, assignment, seminar presentation etc., as components of evaluation.

5. Seating arrangements and invigilation for sessional and end-semester examinations are well planned and organized. This has led to optimal utilization of physical as well as manpower resources, increased vigilance and smooth conduct of the examinations.

6. Appointment of squad consisting of senior faculty members of other reputed institutions and internal faculty to monitor the semester end examinations.

7. Establishment of CCTV Surveillance System.

8. Examiners are appointed from the approved panel of examiners. Panel of examiners for every course is compiled prior to the examination.

9. The answers scripts are coded to prevent disclosure of identity of students; there by bias/malpractice of any kind is prevented.

10. Scheme of evaluation along with solutions are made available to the adjudicators prior to the commencement of evaluation. Thus uniformity is maintained.

11. Quizzes / Class tests/ Surprise Test(s) /Project works and assignments are made part of evaluation.

12. Advance Supplementary examinations and timely publication of results and issuing necessary certificates in time.

13. Social distance and allotment of 20-25 members in an examination hall/ laboratory for examination (internal/ semester-end/ year-end) has been followed as per UGC guidelines during pandemic situation.

14. Two sets of question papers are maintained for each course.

15. Personal verification and revaluation system.

16. Inclusion of security features (QR code) in marks memorandum/study certificate/transfer certificates.

17. The college has initiated major reforms in evaluation. Five marks are allotted for attendance in the respective theory/ practical courses in a graded manner. Five more marks are earmarked for quiz/ co-curricular/ extra-curricular/ surprise class tests by the concerned teacher in the respective theory/practical courses 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.

**Continuous Internal Assessment (CIA)** includes sessional 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. Preparation of detailed scheme of evaluation by internal subject / course experts. Setting the question papers from all the units with internal choice and moderation of question papers.

**Take Home tasks:** Daily home assignments on topics covered in lectures have been introduced in all programmes in the Institute. These short assignments which are focused at reinforcing skills, concepts and information learned in the class have helped students in many

ways. Besides facilitating the learning process, it has been found that these assignments have encouraged students to take initiative and responsibility for completing tasks, work independently, assess self-progress and in many cases, connect subject learning to the real world.

**Assignments:** Assignments on topics covered are given. These assignments have been found to have led to critical-thinking and self-assessment in students and also improve the writing skills.

**Online Courses:** Students can now opt to credit 20% of their course requirements through online offerings such as SWAYAM and MOOCS. This has paved the way for students to compare and take courses from the best of Universities offered by acclaimed faculty members.

**Online examinations**: During pandemic situations online examinations were conducted for internal/project work assessment employing class marker/ Zoom/ Google meet platforms.