

Details of the Information and Communication Technology Facilities available for the conduct of the Examination (ODL Mode)

The University has been continuously introducing reforms and IT-enabled innovative practices in the ODL Examination system resulting in the highest levels of integrity, confidentiality, and transparency in evaluations and grading. Key aspects are highlighted below:

Online question banks for the generation of question papers: The University has set up a unique mechanism of online question banks wherein a computer-based smart algorithm fetches the questions from the pool as per their weightage and complexity. The draft question paper is then vetted by experts to ensure balance and quality. Such systems have helped to cut down common student tendency to overview selected sections of the syllabus.

CCTV surveillance of examination: The examination centres are well equipped with CCTV monitoring mechanisms to ensure fair practices. Examination conduct proceedings are recorded through CCTV and the recordings of the same are retained at the University end.

Biometric authentication checks at Exam Centers: The University has implemented the biometric attendance of students during examinations to enhance the integrity, security, and efficiency of the examination process. Biometric attendance systems work by capturing and verifying an individual's unique physiological characteristics to confirm his/ her presence. The detailed process is given below.

Enrolment of students: During the admission of students, the biometric credentials of each student are taken and stored in the database of the University in the secured encrypted form to ensure safety and security.

Preparation of Bio-metric machines for examination centres: Center-wise biometric data of each student and observer of the respective center is uploaded in the biometric machine.

Attendance Marking: The observer deputed by the University at each examination venue has to unlock the bio-metric machine through his/her fingerprints to mark the attendance of students on the day of the examination. The observer is the only authorized person to unlock the biometric machines before the start of attendance. When students enter the examination venue, their biometric data is scanned and matched against the stored records, which confirms their identity. This process eliminates the possibility of proxy attendance and ensures that only authorized students are allowed to take the exam.

Attendance record on De-Launcher: After the completion of bio-metric attendance each observer has to connect the bio-metric machine with the De-Launcher software to upload the attendance of students. Based on the

attendance, observers can generate the answer sheet collection grid of the respective centres on the software.

Physical record of Bio-metric Attendance: The physical record of bio-metric attendance of each examination center is also maintained on the daily basis. De-launcher software automatically generates a detailed report of student attendance which includes the unique bio-metric ID of each student, centre code of examination venue, exact date and time when attendance was marked by the student.

Examination Evaluation: To enhance the efficiency of the evaluation process, the following processes have been integrated with IT systems

- Allocation of questions to evaluators
- Online marks entry by evaluators
- Grade moderation and preparation
- Declaration of results to students through LMS.