



Examination System Automation and Reforms at the University of Technology, Jaipur

In recent years, the examination system at the University of Technology, Jaipur, has undergone significant automation and digitization, which has enhanced efficiency and transparency. The introduction of a dedicated web portal with login access for faculty, students, and relevant officers has saved time and increased trust in the system. With the growing student strength and evolving course structures, automation has become essential for addressing the challenges faced by the examination department. Automation also fosters better connectivity between students and faculty.

This automation initiative has provided greater access to the University's programs, such as e-brochures, online application forms, entrance tests, syllabus, admit cards, examination schedules, results, and other examination-related notifications. Additionally, this has contributed to a reduction in paper usage, making the system more eco-friendly.

Key initiatives undertaken by the Examination Department include:

1. Hosting e-brochures, Course syllabus, sample papers, and notifications online.
2. Providing secure online payment gateways for examination fees.
3. Unique identification of each program/course in the system with specified eligibility criteria.
4. Online verification of student eligibility for semester/Year-end exams, with HOD/Deans responsible for confirming date sheets and admit cards.
5. Login access for Deans, HODs, and faculty members to submit marks online for theory, practical's, dissertations, and internal assessments.
6. Provision of online mark statement.
7. Digital printing of mark sheets and degree certificates with in-built security features such as watermarks, seals and holograms.
8. Online application forms for back-paper exams.

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These steps have significantly minimized errors and ensured the timely delivery of error-free results, from examinations to the declaration of results.

Continuous Evaluation System at the University of Technology

The University follows a continuous evaluation system, with various assessments conducted throughout the semester, such as:

- Mid-Term Tests
- Lab Assessments (where applicable)
- Class Tests
- Assignments
- End-Term Examinations
- Seminar/Project/Dissertation Presentations

Reforms and Their Impact

Several reforms have been implemented to improve the examination process:

1. **Publishing of Examination Calendar before the session:** This ensures timely awareness of exam dates and result declarations.
2. **Centralized Examination Schedule:** This reform has led to the identification of common subject codes and question papers, reducing redundancy.
3. **Integration of IT into the Examination System:** The University's ERP system fully automates examination processes, providing better access for students and their parents. Key benefits include:
 - Online registration for examinations via portal.
 - Automatic generation of roll lists, seating plans, and attendance sheets.
 - Online download of admit cards.
 - Importing and updating of internal assessment marks on the ERP.
 - Error-free compilation and declaration of results.
 - Students and parents can track performance via the ERP.
 - Printing of result cards and degree certificates.
 - Marks entry in the portal by subject coordinators/faculty members.

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4. **Result Declaration within 10-30 days of the last exam:** This ensures timely commencement of the next academic session, leading to a more efficient academic calendar.

Through these reforms, the examination system at the University of Technology has become more transparent, reliable, and efficient, benefiting all stakeholders involved.


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