PRAGATI ENGINEERING COLLEGE

(Autonomous)

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(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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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 implementation of ICT and reforms in the examination procedures and processes, including Continuous Internal Assessment (CIA), has significantly enhanced the Examination Management System (EMS) at Pragati Engineering College. The integration of IT has played a crucial role in revolutionizing the examination procedures at Pragati Engineering College. By leveraging modern tools and software, the college has streamlined the entire examination process, from registration to result declaration, which ensures more efficient and effective process. This digital transformation has eliminated manual paperwork and reduced the chances of errors or discrepancies, ensuring a smooth and hassle-free experience for both the students and the faculty members.

The following reforms have been undertaken in the last five years which have made a positive impact on the management of examinations.

1. Internal assessment tests and end-semester examination seating arrangement and invigilation duties are organized centrally at the institute level.
2. All the faculty are instructed to send two sets of question papers for the mid-examination as per the required format. Out of two sets, any one will be selected as per the instruction of the Chief Controller of Examinations on the day of examination.
3. For each course, a panel of paper setters are identified from the premier institutes by the controller of examination in consultation with the HOD of respective departments, and finalized by the Principal.
4. The question paper which is received from the paper setter and finalized by the principal is reviewed by the senior faculty before the examination. Out of 4 sets, one set is selected on the day of examination as per the instructions of the chief controller of examinations.
5. Continuous Internal Assessment is done by conducting the tests prescribed in the curriculum.
6. The examination cell is provided with High-end server with firewall security.
7. The exam section with its software and technology tools ensures complete automation of pre and post Examination processes.
8. The entire premises of the examination section has a provision of CCTV surveillance for continuous monitoring of Examination related activities
9. The examination cell with its high-end server ensures an automatic data backup facility for the safety of Examination data.

The above-mentioned EMS, which encompasses examination-related tasks, has been enabled by IT in order to automate the system and enhance productivity. The college utilizes the BEES software program to execute pre and post-examination related activities. Additionally, students can use the exam portal to download their results.

The marks obtained in theory and lab exams are entered into the server using OMR scanning tools after the answer scripts have been evaluated. Through this platform, students can access their grades and results for each subject. The software has the capability to generate

a student's semester-wise memorandum of grades and provisional degree certificate and these certificates will have security features. Other auxiliary tasks, such as creating circulars for examination notifications and schedules, are performed using MS Office on the pre-installed personal computers (PCs) in the exam branch.