G PULLA REDDY ENGINEERING COLLEGE (Autonomous): Kurnool
Affiliated to JNTUA Ananthapuramu
Academic Year 2020-21

The college has been continuously carrying out reforms that keep its examination system open for modifications and thus strengthen it from time to time, ensuring the system is foolproof and addresses the grievances of students if any. The institutional reforms in all the activities of the examination system are kept as per the AICTE norms for various engineering disciplines. The drivers for reforms in the examination system of engineering education have been incorporated into institutions examination system and they include OBE- the framework for the assessment process, evaluation of higher-order abilities, and professional skills in different forms like MOOCs, internship experience and project works, Bloom's taxonomy for assessment design, etc.

A credit system was introduced for the benefit of the students.

• Quizzes / Project works and assignments are made part of the evaluation.

• Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation, and declaration of results.

• Continuous Internal Assessment (CIA) includes Mid 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.

- A credit-based system was instituted for the ease of students.

The examination system is completely IT integrated which enables the system for the fast processing of registration, conduction of examination, evaluation, attainment of outcomes, the announcement of results, and printing of grade sheets.

Examination Procedures for Continuous Internal Assessment (CIA)

1. CIA is conducted as per the academic calendar.

2. Student-wise progress report is generated after every test and the same is communicated (SMS & hard copy of progress report) to parents by the mentor.

Examination Procedures for End Examinations (EE)

1. The student registers for the examination online, with fee payment for the regular semester subjects and re-registered subjects.

2. The eligible students list satisfying the requirements of CIE marks and attendance is generated by the automation system.

3. The admission tickets are printed for the eligible students with details of the student, a list of subjects eligible, and photographs.

4. The Valuation process:

   a. Answer books are bar-coded by an automation system to keep the identity of the student confidential.

   b. The allocation of 10 answer books for each packet is done by randomizing the allocation in the system.

   c. The marks sheet is generated and printed based on the marks entered by the evaluator.

   d. The system generates the list of answer books selected for moderation based on Institution specifications.

   e. The results are generated after completion of the valuation process

Reforms impact on Examination process:

1. Increased confidentiality in the evaluation process

2. Minimized manual data and marks entry at all levels of evaluation minimizes the mistakes

3. Processing of final evaluation with performance indicator concurrently

4. Course attainments and other OBE analysis is carried out precisely and reports are generated to enhance the curriculum

5. Results are announced on the institutional website and access is provided to students and parents

6. A digital repository with backup contains data related to the examination process and student performance throughout the course.

7. Digital storage enables quick document retrieval for certifications and printing certificates.

8. Automation with tracking systems enhances the credibility of the examination process.

The Institution has initiated major reforms in evaluation. Implementation of these measures created a positive impact on students' attendance and the results. The following significant reforms were effected in the Examination system

The positive impact of the examination management system in the institution is as follows:

- E-governance has been successfully implemented in the college. Online entry of Students Resumes, attendance, and internal assessment a mark help to reduce errors and save a lot of time.

- Online filling of examination /revaluation forms helps the students and college in saving time and in generating admission tickets.
- Examiners are appointed only from the panel of examiners. The panel of examiners for every subject is compiled before the examination on collecting the information from the institutions/departments, considering eligibility norms of the institution.
- The answers scripts are coded to prevent disclosure of the identity of students; thereby bias/malpractice of any kind is prevented.

- Scheme of evaluation along with solutions is made available to the examiners before the commencement of evaluation.
- Evaluation for UG Courses includes the Moderation from senior faculty members of the respective course.

- Online filling of student details, examination forms, and hall tickets generation.
- Online revaluation application form filling.
- Digital evaluation of internal examinations was carried out in the COVID-19 pandemic