

G. PULLA REDDY ENGINEERING COLLEGE (Autonomous) : KURNOOL

30.01.2020

The IQAC Cell Annual Quality Assurance Report of the institution G. Pulla Reddy Engineering College (Autonomous), Kurnool for the year 2018-19 is scrutinized and reviewed. The following include Observations & Suggestions by the External peer team committee members during external peer review.

Observations:

1. The institution ensures effective curriculum delivery through a well planned and documented process.
2. Institution integrates cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum.
3. The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners.
4. Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.
5. Reforms in Continuous Internal Evaluation (CIE) system at the institutional level.
6. Mechanism of internal assessment is transparent and robust in terms of frequency and variety.
7. Mechanism to deal with examination related grievances is transparent, time-bound and efficient.
8. The institution adheres to the academic calendar for the conduct of CIE.
9. Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students.
10. Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution.
11. Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge.
12. Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development are in place.
13. The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.
14. The institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, etc., and cultural activities.
15. Library is automated using Integrated Library Management System (ILMS).
16. Collection of books, manuscripts, special reports and e-resources for library enrichment.
17. Institution frequently updates its IT facilities including Wi-Fi.
18. There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

19. Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution.
20. The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means.
21. The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution.
22. The institution practices decentralization and participative management.
23. Perspective/Strategic plan and Deployment documents are available in the institution.
24. Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism.
25. Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions.
26. The institution has effective welfare measures for teaching and non-teaching staff.
27. Institution has Performance Appraisal System for teaching and non-teaching staff.
28. Institution conducts internal and external financial audits regularly.
29. Institutional strategies for mobilisation of funds and the optimal utilisation of resources.
30. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.
31. The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.
32. Institution shows gender sensitivity in providing facilities such as Safety and Security, Counselling, Common Room.
33. Environmental consciousness and sustainability/alternate energy initiatives met 40% through renewable energy sources.
34. Rain water harvesting structures and utilization in the campus.
35. Institution organizes national festivals and anniversaries of the great Indian personalities.
36. The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions.
37. Induction program for I. B.Tech. students and Ten minutes talk by students in each class are the two best practices implemented.

SWOC Analysis

Strengths:

- The college functions with a committed management, well maintained Infrastructure – Spacious, clean and airy classrooms. Well-equipped Conference Room, Examination Room, Computer Laboratories, Auditorium, Staff Rooms.
- College has committed, approachable and sincere faculty members undertaking research projects, publishing articles etc.

- A number of Professional students chapters including IEEE, ISTE, CSI and IUCEE are established and all of them are conducting a program which improve the personality of the students.
- College has a strong Placement and Training Department which makes sure that most of the eligible students are placed in Multinational companies.
- The college promotes enthusiastic students participation in social causes, through the NSS Programs.

Weaknesses:

- The college need to conduct entrepreneurship development activities for encouraging development of entrepreneurial skills amongst the students.
- Non availability of Faculty members with industrial experience and research.

Opportunities:

- With the availability of a number of Centers and infrastructural facilities, faculty could contribute more towards research and consultancy.
- To promote staff and student exchanges with premier institutions in India and foreign universities are possible.
- The college has required infrastructural facilities to have collaboration with more industries.

Challenges:

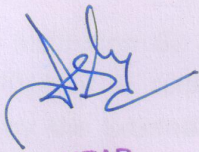
- Getting grants through Government funded projects and consultancies
- To enhance students skills as per the continuous changing requirements of the industry
- Employment opportunities for slow learners
- Keeping pace with changing technological advancements
- To motivate faculty for Product development, Research & Innovation
- To attract eminent researchers & academicians

Recommendations for Quality Enhancement of the Institution

- Consultancy services need to be extended.
- Innovative Teaching Methodologies, virtual classrooms and course networking to be extended to large number of courses across disciplines.
- Faculty members need to be encouraged to file Patents.
- Institution may provide seed money to do in house projects.
- Encouragement to be given to students to setup more start-ups.
- To encourage students to appear for competitive exams.
- Students exchange with other institutions and R&D labs both within the country and abroad for defined periods be explored.
- Faculty members need to be exposed to industries, R&D institutions and other institutions of higher learning periodically and for a reasonable time period.
- Students and faculty members need to be familiarized with the complete product life cycle.

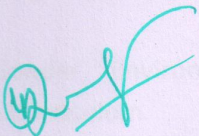
Signature of External Peer Review Committee members:

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