

6.5.2

The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms



PRAGATI ENGINEERING COLLEGE

1-378, ADB Road, Surampalem-533437

(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NBA)

Recognized by UGC under sections 2(f) & 12(b) of the UGC Act , 1956)

Pragati Engineering College, a leading institution dedicated to providing quality engineering education, recognizes the significance of periodic review and enhancement of these aspects. To ensure a systematic and comprehensive evaluation, Pragati Engineering College has established an Internal Quality Assurance Cell (IQAC) as per norms set by accreditation bodies.

Role of IQAC: The IQAC at Pragati Engineering College serves as a key institutional mechanism for quality enhancement. Comprising a team of experienced faculty members, administrators, and external experts, the IQAC is responsible for developing and implementing strategies for continuous improvement. One of its primary functions is to periodically review the teaching-learning process, structures, methodologies, and learning outcomes. This proactive approach ensures that the institution stays abreast of the latest developments in pedagogy and aligns its practices with evolving industry requirements.

Periodic Evaluation: PEC recognizes that a stagnant teaching-learning environment can impede students' holistic development. Hence, the institution conducts periodic evaluations of its teaching-learning process, structures, methodologies, and learning outcomes. These evaluations are conducted at regular intervals, allowing the institution to identify strengths, weaknesses, and areas for improvement.

Teaching-Learning Process: The IQAC at Pragati Engineering College reviews the teaching-learning process to ensure its effectiveness in fostering a conducive environment for knowledge acquisition and skill development. This includes evaluating the curriculum design, pedagogical approaches, classroom interactions, student engagement, and faculty development initiatives. The IQAC seeks feedback from students, faculty, and other stakeholders through surveys, focus groups, and discussions. Based on the feedback, the IQAC suggests improvements and implements necessary changes to enhance the teaching-learning experience.

Structures and Methodologies: The IQAC also focuses on reviewing the structures and methodologies employed by Pragati Engineering College to support the teaching-learning process. This encompasses the availability and adequacy of physical infrastructure, laboratory facilities, library resources, information and communication technology (ICT) infrastructure, and administrative support systems. The IQAC assesses the compatibility of these structures

and methodologies with the evolving needs of the students and industry. Recommendations are made to upgrade or augment the existing facilities to ensure a modern and technology-driven learning environment.

Learning Outcomes: Assessing the learning outcomes of students is vital to gauge the effectiveness of the teaching-learning process. Pragati Engineering College's IQAC endeavors to evaluate the attainment of learning outcomes through CO-PO Evaluation Tools. The tool include analyzing examination results, project work, internships, and stake holder feedback. By comparing these outcomes with predefined benchmarks, the IQAC identifies areas where improvements are required. It then collaborates with faculty members and departments to develop strategies and interventions to enhance the learning outcomes.

Continuous Professional Development: Recognizing the integral role of faculty members in shaping the teaching-learning process and outcomes, the IQAC at Pragati Engineering College places great emphasis on their continuous professional development. The IQAC organizes workshops, seminars, and training programs to enhance faculty members' pedagogical skills, subject expertise, and research capabilities. It encourages faculty members to adopt innovative teaching methodologies, integrate emerging technologies, and participate in research activities. Such initiatives contribute to a dynamic and engaging learning environment for students.

Pragati Engineering College's IQAC-driven approach to reviewing and enhancing the teaching-learning process, structures, methodologies, and learning outcomes has proven instrumental in maintaining its commitment to quality education. By conducting periodic evaluations, seeking stakeholder feedback, and implementing necessary changes, the institution ensures continuous improvement. Through its focus on faculty development, industry collaboration, and student-centric practices, Pragati Engineering College remains at the forefront of engineering education, equipping students with the skills and knowledge necessary for success in their professional careers.