



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(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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**Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)**

The IQAC (Internal Quality Assurance Cell) at Pragati Engineering College (PEC) has played a vital role in improving the quality of education over the past five years. The IQAC focused on building a strong foundation during the first cycle, leading to important changes such as outcome-based education, research centers, Autonomous status, innovation, AICTE/APSCHE initiatives, and industry-academia collaborations. These efforts combined have lifted the quality of education and development at PEC, making it a hub of academic excellence.

## **Two practices institutionalized as a result of IQAC initiatives**

**Outcome-Based Education (OBE) Implementation:** At Pragati Engineering College, the IQAC introduced Outcome-Based Education (OBE) practices across different academic programs. OBE centers on setting clear learning goals for students and aligning teaching, curriculum, and assessments to reach these goals. The IQAC collaborated with faculty to redesign course content and establish measurable learning objectives.

- 1. Mapping Learning Outcomes:** The course teacher engages in mapping learning outcomes to specific course objectives, ensuring alignment between what students are expected to learn and what each course aims to achieve.
- 2. Continuous Assessment:** Students are consistently evaluated through various methods, including class tests, assignments, mid-term examinations, and semester-end exams. These assessments offer regular feedback to both students and faculty, allowing for quick adjustments in teaching methods.
- 3. Rubrics and Feedback:** The IQAC supported the creation of assessment rubrics that define how student performance aligns with learning outcomes. This guarantees fair and consistent evaluation. Teachers also give constructive feedback to students, helping them identify their strengths and areas needing improvement.
- 4. Collecting Feedback:** Regular feedback from students, alumni, and industry partners is collected and analyzed by the IQAC. This ensures that the education offered stays in sync with students' and industry needs.

**Student Mentorship and Holistic Growth:** Understanding the importance of well-rounded development, the IQAC initiated a mentorship program that nurtures students' academic, personal, and professional growth.

- 1. Personalized Support:** Every student receives dedicated guidance from an assigned faculty mentor who assists with academic challenges, offers career insights, and provides a supportive environment for addressing individual concerns and growth.
- 2. Goal Setting and Skills:** Through mentoring, students were guided in setting goals and developing essential skills. Mentors work closely with them, identifying strengths and areas for improvement while fostering abilities like communication and teamwork. This

approach enhanced their holistic growth and prepared them for diverse challenges in both academic and professional spheres

3. **Emotional Support:** Mentors offer a safe space for discussing emotional well-being. This early intervention identifies stress or mental health issues, allowing for timely support.
4. **Career Insights:** Mentors help students explore careers, internships, and industry trends, bridging the gap between academics and the professional world.

These strategies led to gradual improvements in education quality and institutional performance. Stakeholder feedback, including students, faculty, and employers, reflects the positive impact of IQAC initiatives.