



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal - 500 043, Hyderabad, Telangana

ANNEXURE-30

Internal Quality Assurance Cell (IQAC) Policy



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1. Preamble

The Internal Quality Assurance Cell (IQAC) of the College shall function as a facilitative and participative mechanism to promote a culture of quality and excellence in all academic and administrative activities. The IQAC shall serve as a catalyst for continuous improvement by developing systematic processes, monitoring institutional performance, and ensuring adherence to quality standards in teaching, learning, research, innovation, governance, and student support services.

2. Vision

To foster a culture of continuous quality enhancement and institutional excellence through innovation, accountability, transparency, and stakeholder participation.

3. Mission

The IQAC shall:

- Develop and implement quality benchmarks for academic and administrative activities.
- Promote outcome-based education and continuous improvement practices.
- Encourage innovation, research, entrepreneurship, and industry collaboration.
- Facilitate accreditation, ranking, and quality certification processes.
- Ensure stakeholder satisfaction through effective monitoring and feedback mechanisms.
- Support data-driven decision-making for institutional development.

4. Quality Policy Statement

The College is committed to providing quality technical education through effective teaching-learning processes, competent faculty, industry-oriented curriculum enrichment, research and innovation, robust infrastructure, student-centric support systems, ethical governance, and continuous improvement practices. The IQAC shall ensure that all institutional activities align with the vision, mission, strategic goals, and regulatory requirements.

5. Objectives

The IQAC shall strive to:

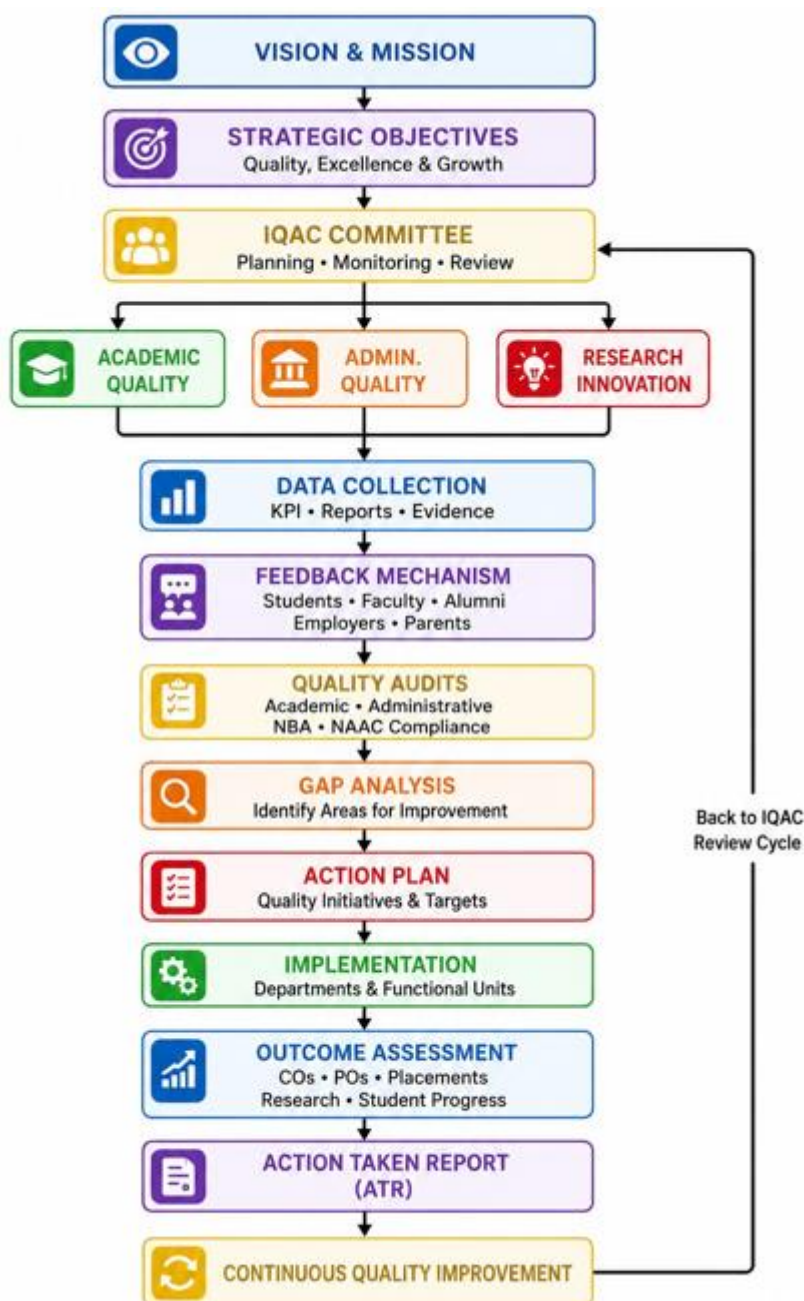
1. Develop quality benchmarks for academic and administrative processes.
2. Enhance teaching, learning, and evaluation practices.
3. Promote student academic progress, employability, and higher education opportunities.
4. Encourage research, consultancy, innovation, and intellectual property generation.
5. Strengthen industry-institute interaction and community engagement.
6. Monitor and improve institutional performance through measurable indicators.
7. Facilitate accreditation, ranking, and quality audits.
8. Promote digital transformation and best practices in governance.
9. Ensure compliance with statutory and regulatory requirements.
10. Establish a culture of evidence-based continuous improvement.

6. Scope

The IQAC shall oversee quality enhancement initiatives related to:

- Curriculum planning and implementation
- Teaching-learning and evaluation
- Student admissions and progression
- Research, innovation, and consultancy
- Faculty development and performance
- Infrastructure and learning resources
- Governance and leadership
- Financial management and resource mobilization
- Industry interaction and placements
- Extension and outreach activities
- Accreditation, ranking, and institutional reputation
- Stakeholder feedback and satisfaction

7. Functions of IQAC



Academic Quality Assurance

- Monitor academic planning and implementation.
- Promote innovative pedagogical practices.
- Review attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs).
- Facilitate outcome-based education and academic audits.

Administrative Quality Assurance

- Streamline institutional processes for efficiency and transparency.
- Monitor policy implementation and regulatory compliance.
- Promote e-governance and digital documentation.

Research and Innovation

- Encourage research publications, patents, funded projects, and consultancy.
- Promote innovation, entrepreneurship, incubation, and industry collaboration.

Quality Monitoring

- Conduct internal quality audits and reviews.
- Analyze key performance indicators and institutional metrics.
- Recommend corrective and preventive actions.

Accreditation and Rankings

- Coordinate preparation of accreditation and ranking submissions.
- Maintain quality-related documentation and evidence.
- Monitor compliance with accreditation requirements.

8. Quality Assurance Mechanisms

The IQAC shall implement:

- Annual Quality Assurance Plans
- Academic and Administrative Audits
- Student Feedback Analysis
- Faculty Performance Assessment
- Programme Outcome Assessment
- Research Performance Monitoring
- Department Quality Reviews
- Institutional Best Practice Documentation
- Continuous Improvement Action Plans

9. Stakeholder Participation

The IQAC shall ensure active involvement of:

- Students
- Faculty Members
- Administrative Staff
- Alumni
- Employers and Industry Representatives
- Parents
- Academic Experts
- Community Representatives

Stakeholder feedback shall be periodically collected, analyzed, and utilized for quality enhancement initiatives.

10. Continuous Improvement Framework

The IQAC shall adopt the Plan–Do–Check–Act (PDCA) approach:

Plan

Identify objectives, benchmarks, and improvement opportunities.

Do

Implement planned quality initiatives.

Check

Measure performance through audits, reviews, and assessments.

Act

Initiate corrective actions and institutionalize best practices.

11. Documentation and Reporting

The IQAC shall maintain:

- Quality policy documents
- Quality assurance plans
- Audit reports
- Feedback analysis reports
- Action Taken Reports (ATR)
- Performance dashboards
- Accreditation and ranking records
- Annual Quality Assurance Reports (AQAR)

12. Review and Revision

This policy shall be reviewed periodically, at least once every three years, or earlier if required due to changes in regulatory requirements, accreditation frameworks, or institutional strategic priorities.

13. Effective Date

This IQAC Policy shall come into effect upon approval by the Governing Body/Management of the College and shall be applicable to all academic, administrative, and support units of the institution.