Annual Report for the academic year 2025-2026

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1. Introduction

The Internal Quality Assurance Cell (IQAC) of Narsimha Reddy Engineering College plays a pivotal role in planning, monitoring and strengthening quality assurance mechanisms across academic, administrative, research and student development activities.

During the Academic Year 2025–2026, IQAC focused on enhancing teaching–learning effectiveness, strengthening Outcome-Based Education (OBE), promoting research and innovation, improving student support services, conducting academic audits and facilitating institutional preparedness for accreditation.

The Cell coordinated with various departments, statutory bodies and institutional committees to promote a culture of continuous quality improvement.

2. Objectives of IQAC

The major objectives of IQAC during the academic year were:

1. To promote continuous improvement in academic and administrative processes.
2. To strengthen the implementation of Outcome-Based Education.
3. To enhance the quality of teaching–learning and evaluation practices.
4. To encourage research, innovation, publications and patents.
5. To improve student support, mentoring, training and placement activities.
6. To conduct periodic academic audits and monitor corrective measures.
7. To facilitate NAAC, NBA and other quality assurance activities.
8. To promote stakeholder participation and institutional best practices.

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3. Major Quality Assurance Initiatives

S. No.	Quality Assurance Initiative	Activities / Mechanisms	Expected Impact / Outcomes
1	Academic Planning and Monitoring	Preparation and monitoring of academic calendars, lesson plans, course files and syllabus coverage	Systematic academic delivery and timely completion of curricular activities
2	Outcome-Based Education	CO–PO/PSO mapping, attainment analysis, gap identification and corrective measures	Improved alignment of teaching, assessment and graduate outcomes
3	Teaching–Learning Enhancement	ICT-enabled teaching, experiential learning, project-based learning and peer learning	Improved student engagement and practical learning
4	Feedback and Continuous Improvement	Collection, analysis and review of student and stakeholder feedback	Identification of improvement areas and implementation of corrective measures
5	Academic Audits	Department-wise internal audits and external academic audit arrangements	Improved academic compliance, documentation and accountability
6	Faculty Development	FDPs, STTPs, workshops, NPTEL certifications and professional development activities	Enhanced faculty competencies and teaching effectiveness
7	Research and Innovation	Research publications, patents, funded projects, hackathons and project exhibitions	Strengthened research culture and innovation ecosystem
8	Training and Placements	Technical training, aptitude development, internships, industry interaction and placement drives	Improved employability and career opportunities
9	Student Support and Mentoring	Faculty mentoring, remedial classes, counselling and academic progress monitoring	Improved student support and academic performance

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10	Accreditation and Institutional Quality	NBA SAR preparation, documentation and criterion-wise reviews	Enhanced accreditation preparedness and institutional quality systems

4. Academic Quality Enhancement

IQAC emphasized systematic academic planning and effective implementation of teaching–learning processes across all departments.

The departments were encouraged to maintain updated lesson plans, course files, attendance records, internal assessment records and course outcome attainment reports.

Special emphasis was placed on integrating innovative pedagogical practices such as experiential learning, collaborative learning, problem-based learning and project-based learning.

The committee also emphasized timely analysis of student feedback and implementation of corrective measures to improve teaching effectiveness.

5. Outcome-Based Education

IQAC monitored the implementation of OBE through departmental reviews and academic audit mechanisms.

The major focus areas included:

- Formulation and dissemination of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs).
- Mapping of COs with POs and PSOs.
- Assessment of CO attainment through direct and indirect methods.
- Evaluation of PO/PSO attainment.
- Identification of attainment gaps and implementation of corrective measures.
- Documentation of continuous improvement activities.

These initiatives were intended to strengthen the alignment between curriculum delivery, student learning and graduate attributes.

6. Research, Innovation and Faculty Development

IQAC encouraged faculty and students to participate actively in research, innovation and professional development activities.

Research initiatives included journal publications, patent filing, participation in technical events, funded projects and interdisciplinary collaboration.

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The institution also promoted faculty participation in NPTEL courses, Faculty Development Programs, Short-Term Training Programs and workshops.

Institutional Highlights

- NPTEL certifications: **1683+**

AY	Gold	Silver	Elite	Successful	Total Certified	Toppers
25-26	125	291	616	696	1728	22

- MSME innovation grant of **₹15 lakh secured by K Srivardhan, EEE in MSME IDEA Hackathon 4.0-2025**

7. Training, Placements and Career Development

The Training and Placement Cell, with support from the departments, undertook various initiatives to improve students' employability and career readiness.

Placement Highlights – AY 2025–2026

- **500+** Placement offers
- 40 Recruiting companies
- **₹45 LPA** Highest package
- **₹5.8 LPA** Average package

The institution continued to emphasize industry-oriented training, internships, communication skills, aptitude development, technical certification and career guidance.

8. Student Support and Mentoring

IQAC reviewed the effectiveness of institutional student support mechanisms, including faculty mentoring, academic counselling, remedial teaching and student grievance redressal.

Departments were advised to maintain mentoring records, monitor student attendance and academic performance, and provide appropriate support to slow and advanced learners.

Student participation in hackathons, project exhibitions, technical competitions, sports and cultural activities was encouraged to promote holistic development.

9. Academic Audits and Quality Monitoring

IQAC coordinated the review of departmental academic records and monitored compliance with institutional academic procedures.

The internal academic audit process focused on academic planning, syllabus coverage, course files, assessment records, attainment analysis, mentoring and departmental activities.

Preparations were also undertaken for the External Academic Audit scheduled on **08.05.2026**, with emphasis on verification of records, supporting evidence and corrective action documentation.

The audit process was intended to identify gaps, strengthen academic practices and establish a systematic mechanism for continuous improvement.

10. NBA Accreditation and Preparation

IQAC facilitated the preparation and review of accreditation-related documentation, including the Self-Assessment Reports (SARs) for B.Tech CSE (Cyber Security) and CSE (Artificial Intelligence and Machine Learning).

Criterion-wise coordinators and departmental teams were guided to maintain accurate evidence related to academic performance, OBE implementation, faculty contributions, research, student outcomes and continuous improvement.

The Cell also initiated the compilation and review of institutional data for the Annual Quality Assurance Report (AQAR) 2025–2026.

11. Institutional Best Practices

The following practices were identified as important components of the institutional quality enhancement framework.

Best Practice	Focus Area
Outcome-Based Education	Attainment-based evaluation and continuous improvement
Project-Based Learning	Experiential learning and practical problem-solving
NPTEL Certification	Faculty and student skill enhancement
Faculty Mentoring System	Personalized academic support
Academic Audit Mechanism	Periodic quality review and corrective action
Industry–Institute Interaction	Employability and professional exposure
Research and Innovation	Publications, patents and student projects
Green Campus Initiatives	Environmental sustainability and resource conservation

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12. Future Action Plan

IQAC identified the following priorities for continued institutional improvement during the Academic Year 2026–2027.

S. No.	Proposed Action Plan
1	Strengthen CO–PO/PSO attainment analysis and outcome-based continuous improvement
2	Improve student academic performance and pass percentages
3	Increase high-quality research publications, patents and funded projects
4	Encourage greater faculty participation in FDPs and professional certification programs
5	Enhance industry collaborations, paid internships and placement opportunities
6	Strengthen entrepreneurship, innovation and startup activities
7	Improve stakeholder feedback analysis and action taken mechanisms
8	Conduct periodic internal and external academic audits
9	Strengthen digital academic documentation and e-governance practices
10	Improve preparedness for NBA, NAAC and other quality assurance assessments

13. Conclusion

During the Academic Year 2025–2026, the Internal Quality Assurance Cell continued to support the institution's commitment to academic excellence, research development, student success and institutional effectiveness.

Through academic monitoring, stakeholder feedback, quality reviews, accreditation preparation and continuous improvement initiatives, IQAC sought to strengthen institutional quality assurance mechanisms.

The Cell remains committed to promoting a quality-oriented academic environment aligned with the institution's vision of producing competent professionals with ethical values, environmental consciousness and a commitment to societal development.

Principal

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