SECTION –13

CONTINUOUS IMPROVEMENT AND FUTURE DIRECTIONS

SECTION –13.1

INSTITUTIONAL PERFORMANCE INDICATORS

13.1 Institutional Performance Indicators

1. Student admission quality is assessed through demand ratio, merit-based intake, and diversity of the admitted cohort.
2. Student academic performance is measured by semester pass percentages and timely program completion.
3. Faculty profile and development are evaluated through faculty–student ratio, qualification levels, FDP participation, and retention rates.
4. Teaching–learning effectiveness is tracked using CO/PO/PSO attainment and ICT-enabled teaching with multi-stakeholder feedback.
5. Research and development output includes indexed publications, funded projects, patents, and collaborative research activities.
6. Infrastructure and learning resources are reviewed through the adequacy and upgradation of labs, equipment, and library resources.
7. Industry interaction and employability are reflected through MoUs, internships, placement outcomes, salary packages, and industry-driven academic inputs.
8. Student support and progression are assessed through mentoring effectiveness, scholarships, co-curricular participation, and grievance resolution.
9. Social responsibility indicators include community outreach, NSS/NCC participation, and sustainability initiatives.
10. Institutional financial health and alumni engagement are measured through budget utilization, resource mobilization, alumni involvement, and feedback for continuous improvement.

SECTION –13.2

STRATEGIC PRIORITIES (NEXT 5 YEARS)

13.2 Strategic Priorities for the Next 5 Years

1. Achieve NAAC Second Cycle Accreditation with Improved Grade
2. Obtain Autonomous Status for Academic and Administrative Flexibility
3. Secure NBA Accreditation for Key Engineering Departments
4. Strengthen Research, Innovation, and Consultancy Ecosystem
5. Enhance Industry Collaboration and Skill Development
6. Improve Infrastructure, Digital Systems, and Learning Resources
7. Foster Holistic Student Development and Academic Excellence
8. Promote Community Engagement, Sustainability, and Institutional Social Responsibility (ISR)

SECTION –13.3

STAKEHOLDER ENGAGEMENT FRAMEWORK

13.3 Stakeholder Engagement Framework

The college follows a structured Stakeholder Engagement Framework aimed at ensuring active participation, continuous feedback, and collaborative decision-making among all key stakeholders. Students, faculty, employers, alumni, parents, industry partners, and regulatory bodies are regularly involved through surveys, meetings, academic councils, BOS committees, and advisory boards. Feedback collected from these groups is systematically analyzed and integrated into curriculum revisions, policy improvements, quality enhancement, and institutional planning. The framework emphasizes transparency, mutual accountability, and continuous communication through digital platforms, grievance systems, outreach programs, and stakeholder reporting. This participatory approach helps align the institution's goals with the expectations of stakeholders and strengthens the overall academic, administrative, and societal impact of the college.

SECTION –13.4

VISION FOR 2047

13.4 Vision for 2047

- ✓ The institute aims to become a globally recognized center of excellence in engineering education by achieving top-tier international rankings and attracting global students, researchers, and faculty.
- ✓ It will lead in frontier technologies such as AI, Quantum Computing, Cyber-Physical Systems, Space Technology, Bioengineering, EVs, Green Hydrogen, and Smart Manufacturing.
- ✓ A strong innovation ecosystem will be built to generate impactful startups, patents, and technology solutions while promoting sustainable and climate-resilient engineering practices.
- ✓ The institute will strengthen global industry–academia collaborations by establishing industry-driven Centers of Excellence and evolving into a multidisciplinary technological university.
- ✓ Digital transformation and global exposure will be prioritized through AI-enabled smart campus systems, immersive learning technologies, international internships, and joint degree programs.