Institutional Development Plan 2021-26

The rapidly evolving global landscape, characterized by dynamic technological advancements and boundless knowledge, has been profoundly shaped by the COVID-19 pandemic, underscoring its VUCA (Volatility, Uncertainty, Complexity, and Ambiguity) nature and testing human resilience. In this context, developing a highly skilled workforce with engineering and technical expertise is essential for fostering progress and self-reliance. With the government's emphasis on "Aatma Nirbhar Bharat," the significance of engineering and technical education has become increasingly critical.

Delivering high-quality engineering and technical education in such a complex environment presents both challenges and opportunities. Attaining this objective necessitates a well-structured, long-term strategic plan that aligns with the institute's mission while adapting to evolving educational and industry requirements. The strategic plan is designed to address the expectations of all key stakeholders—students, parents, faculty, staff, and employers—through a structured feedback mechanism that follows a bottom-up approach and integrates continuous improvements. Its primary focus is to drive systematic enhancement in the quality of engineering and technical education by leveraging institutional strengths, addressing limitations, capitalizing on emerging opportunities, and mitigating potential risks.

Vision

To be world class engineering college for imparting experiential, innovative and critical skills addressing societal problems. Inspiring young technocrats to become globally competent in technical education and research to emerge as world class leaders.

Mission

➢ To promote experiential learning in students by engaging them in hands on experience and reflection, so that, they are able to connect theories and knowledge learned in the classroom to real-world situations.

➢ To create an ambience in which novel ideas, research and development flourish in order to shape the emerging innovators.

➢ To provide infrastructure and facilities to meet the latest technology trends.

➢ To avail necessary support for skill enhancement to reduce the industry-academia gap.

Core Values:

Excellence: Continually strive to achieve the highest standards in education and research

Integrity: Sustain an atmosphere of honesty, openness, and transparency in all dealings

Innovation: Promote a culture of curiosity and reward originality of thought and action

Entrepreneurship: Promote and nurture entrepreneurial spirit among students

Leadership: Develop leaders with ability to find creative solutions to the problems of the industry

Sustainability: Conduct research that addresses critical global challenges and promote public awareness of the issues involved

Service to the Nation: Utilize technology for building national wealth.

Strategies:

I. Systematic Surge in Enrolment

1. Foster sustainable enrolment growth in both quality and quantity by ensuring equitable and affordable opportunities, leveraging actionable data and predictive analytics for informed decision-making.

II. Institutional Identity

1. Enhance academic quality and achieve NBA and NAAC accreditation.
2. Strengthen the college's reputation among stakeholders.
3. Enhance the institution's position through consistent quality.

III. Strategic Campus Placements

1. Expand industry internship opportunities for students.
2. Offer skill development courses aligned with recruitment needs.
3. Organize entrepreneurship awareness programs.

IV. Strengthening R&D Capabilities

1. Support faculty with financial assistance and resources to actively engage in research and secure funding opportunities.
2. Promote awareness of funding agencies and encourage Ph.D. faculty to submit project proposals.
3. Establish Centres of Excellence through industry collaboration to drive research and innovation.

V. Cutting-edge amenities

1. Advanced laboratories and research facilities to foster hands-on learning and innovation.

2. Cutting-edge computing centres to enhance technical education and academic excellence.

3. Comprehensive library with an extensive collection of technical and research resources.