



VIJAYA INSTITUTE OF TECHNOLOGY FOR WOMEN

An ISO 9001:2015 Certified Institute Approved by AICTE, Affiliated to JNTU Kakinada, AP

Phone: 0866-284444, Email: viyatechfw@gmail.com Website: www.vitw.edu.in

College Code: NP, Enikepadu, Vijayawada-521108



STRATEGIC PLAN: 2024-2029

Vijaya Institute of Technology for Women (VITW) aspires to be the premier institute for women's engineering education in Andhra Pradesh. To achieve this ambitious goal, it is embarking on a strategic planning journey. This plan outlines a roadmap for continuous improvement, ensuring the institute remains dynamic, industry-relevant, and committed to quality and providing industry ready technologies.

Building on a Strong Foundation:

The plan acknowledges the institute strengths, including its dedicated faculty, well-equipped labs, and supportive environment that empower women engineers. It also recognizes areas for growth, such as expanding industry collaborations and fostering student research opportunities.

Commitment to Continuous Improvement:

A dedicated team will oversee the strategic plan execution, conducting regular reviews and making adjustments as needed. Data-driven decision making will ensure the institute remains at the forefront of women's engineering education.

This strategic plan serves as a blueprint for its journey towards excellence. By continuously monitoring progress and adapting to the evolving landscape, the institute will empower future generations of women engineers to make a lasting impact on the world.

SWOC Analysis

Strengths: Strong faculty, well-equipped labs, supportive environment for women in engineering

Weaknesses: Limited number of industry collaborations, lack of research opportunities for students

Opportunities: Emerging technologies, growing demand for women engineers, potential for international partnerships.

Challenges: Competition from other institutions, attracting and retaining top faculty.

Vision for the Future:

Through a comprehensive SWOC analysis (Strengths, Weaknesses, Opportunities, and Challenges), it has identified key focus areas for its long-term plans (2019-29):

- **National Recognition:** Achieving accreditation for all eligible programs, solidifying the institute reputation for excellence.


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- **Innovation Hub:** Establishing a Center for Innovation and Entrepreneurship to nurture student ideas, drive collaboration with industry, and promote technology commercialization.
- **Global Engagement:** Creating a Center for Global Engagement to facilitate international partnerships, faculty and student exchange programs, and joint research initiatives.

Short-Term Plan (2019-2024):

To translate the long-term vision into reality, specific short-term plans will be implemented:

Academic Excellence: Introducing new programs aligned with industry needs, implementing Outcome-Based Education (OBE), and recruiting highly qualified faculty.

Industry Engagement: Establishing an Industry Advisory Board, increasing industry collaborations for internships, guest lectures, and joint projects, and offering industry certified courses.

Student Development: Expanding mentorship programs, organizing workshops on leadership and communication skills, and enhancing internship opportunities.

Focus Area 1: Academic Excellence

P1: Introduce new undergraduate and postgraduate programs in emerging fields aligned with industry needs.

P2: Implement Outcome-Based Education (OBE) framework to enhance the learning experience and employability of graduates.

P3: Recruit and retain highly qualified faculty with a focus on Ph.D qualifications and industry experience.

Focus Area 2: Industry Engagement

P4: Establish an Industry Advisory Board to provide strategic direction and ensure curriculum relevance.

P5: Increase industry collaborations for internships, guest lectures, joint research projects, and sponsored labs.


P6: Offer industry-certified courses and training programs to equip students with in-demand skills.

Focus Area 3: Student Development

P7: Expand mentorship programs to connect students with industry professionals and successful alumni.

P8: Organize workshops and seminars on leadership, communication, and professional development.

P9: Enhance internship opportunities for students to gain practical experience in real-world engineering projects.


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Focus Area 4: Research and Innovation

P10: Secure research grants to support faculty research in emerging technologies and interdisciplinary areas.

P11: Increase the number of research publications in high-impact journals and conferences.

P12: Encourage student participation in research projects and provide opportunities to co-author publications.

Medium Term Plan: (2024-26):

Building on Progress

The focus will be on the latter half of the strategic plan will be on:

P1: Achieve national recognition through accreditation i.e. NAAC by 2024 for all eligible programs.

P2: To become an Autonomous institution by 2024 after NAAC Accreditation

P3: To become a NBA accredited institute by 2025 and become the first women's Engineering College under JNTU-K in NTR district.

P4: Develop and sustain a Centre for Innovation and Entrepreneurship hub to nurture student ideas, foster industry collaborations, and promote technology commercialization.

P5: Develop a Centre for Global Engagement to facilitate faculty and student exchange programs, joint research projects, and international internships with global collaborations.

P6: Sustainability and Social Responsibility, Integrating sustainability principles into the curriculum and campus operations, promoting student involvement in community service projects for solving the local problems, and fostering a diverse and inclusive learning environment.

Long-Term Plan (2027-2029)

P1: To become a Deemed University status with state of the art infrastructure and be recognised nationally and internationally to attract overseas students.

P2: To Provide 100 percent placements with highest possible packages at par with NIT's and IIT'S

P3: To develop students who can create a knowledgeable society to solve the human sufferings with technology.


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IMPLEMENTATION AND MONITORING:

- Establish a dedicated team to oversee the strategic plan execution.
- Conduct regular reviews to assess progress and make necessary adjustments and allocate required resources.
- Utilize data-driven decision making to ensure continuous improvement.

This strategic plan provides a framework for Vijaya Institute of Technology for women to achieve its vision and mission and goals in the coming years. Through continuous assessment and adaptation, the college can solidify its position as a leader in women's engineering education and empower future generations of female engineers.

In summary, by implementing this strategic plan and fostering a culture of continuous improvement, this strategic plan of Vijaya Institute of Technology for Women emphasizes its commitment to achieving its vision of becoming the premier institute for women's engineering education in Andhra Pradesh, through a commitment to excellence, Collaboration, and inclusivity. It will empower future generations of women engineers to make a significant impact on the world.

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