



# SRI VASAVI ENGINEERING COLLEGE

(Sponsored by Sri Vasavi Educational Society; Regd.No:898/2000)

Accredited by **NAAC** with 'A' Grade

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada  
**Pedatadepalli, TADEPALLIGUDEM – 534 101, W.G. Dist, (A.P.)**





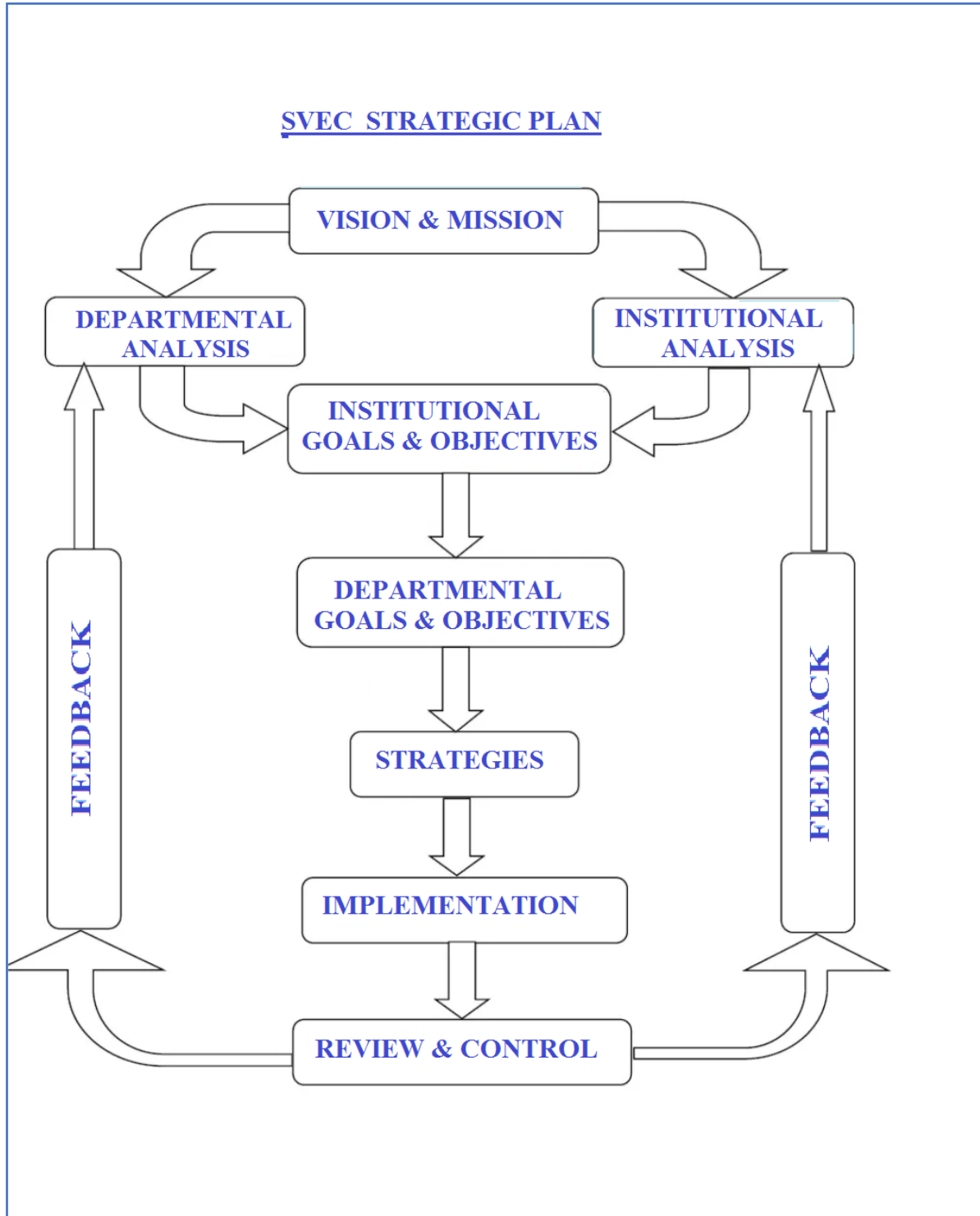
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## SVEC Strategic Plan





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## Genesis & Growth

"Sri Vasavi Engineering College" was established in the year 2001 by "Sri Vasavi Educational Society" with a desire to share the responsibilities of the society for the development of quality Technical Education. The college is situated at Pedatadepalli, a peaceful and pollution-free location, 5 km away from the main town Tadepalligudem, West Godavari District. The town is well known as the commercial hub of Coastal Andhra Pradesh and is well connected by road (NH16) and rail (Chennai to Kolkata). The college has a sprawling campus of 25.02 acres surrounded by green fields and coconut groves. The college, shaping its students into disciplined young citizens of good character and culture lays emphasis on practical experience so as to enable them industry ready.

Sri Vasavi Engineering College exemplifies quality in various fields ranging from Engineering, Pharmacy to Business Administration courses and is rated as one among the top 10 engineering colleges in Andhra Pradesh. The world class laboratories, the mammoth library which radiates knowledge, audio visual classrooms with plug and play ambience, state-of-the-art sports complex, Indoor stadium, seminar halls, auditorium, lawns and gardens and parking facilities make Sri Vasavi stand out among the multitude of engineering colleges in the state today.

Highly qualified Faculty always contributes to the knowledge levels of students and facilitate their placement in top most MNCs every year. NBA & NAAC accreditations bear testimony to top notch facilities available in the campus. SVEC became an autonomous engineering college in 2018 and is fine tuning its course curricula to suit the ever growing industry needs.

SVEC started new engineering courses CAI and AIM which are highly prospective in the present job scenario besides of offering the best engineering courses like ECE, ECT,CSE,CST, EEE, Mechanical and Civil. The college has an MBA wing which always strives to transform students into entrepreneurs.

The MBA wing functions like one of the best MBA colleges in A.P by infusing the students with requisite business skills. The placements division always strives hard to entice prime global and Multi-national companies to visit the SVEC campus for conducting placement drives. The NSS unit helps students to inculcate discipline and civic sense among themselves to make them responsible citizens of this nation.

Research and Development activities in the college represent a large and rapidly growing effort put forth by the stakeholders which creates new and improved technology that surely gives an edge over. The Eco-Friendly projects undertaken by the college started producing results in the form of awards and accolades.

The RTA approved pollution checkup center, Power generation using solar panels, Battery Vehicles designed by students, Technical exhibitions and trade shows will surely give students a practical exposure in the campus itself.



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## **Institute Vision:**

To be a premier technological institute striving for excellence with global perspective and commitment to the nation.

## **Institute Mission:**

- To produce Engineering graduates of professional quality and global perspective through Learner Centric Education.
- To establish linkages with government, industry, and Research laboratories to promote R&D activities and to disseminate innovations.
- To create an eco-system in the Institute that leads to holistic development and ability for life-long learning.

## **Quality Policy:**

Sri Vasavi Engineering College works towards excellence in technical education by providing quality Engineering education with global standards and state-of -the-art infrastructure to develop the institution as a trendsetter moulding young minds into technocrats with national commitment.



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## Strategies & Implementation

Strategy	Details of Implementation
<b>Encourage research culture among faculty</b>	<ul style="list-style-type: none"> <li>Faculty members are expected to submit proposals for research grants to the external funding agencies.</li> <li>For the publications indexed in SCI (Web of Science) or Scopus or UGC listed, the incentives are given as per HR policy</li> <li>Encourage teachers to present research papers in seminars and research conferences</li> <li>Encouraging faculty members with PG qualification to pursue Ph.D. programme</li> </ul>
<b>Focus on Human Resource Advancements</b>	Encouraging the faculty to improve their knowledge through participation in FDPs, Seminars Conferences etc.
<b>Industry Interaction / Collaboration</b>	<ul style="list-style-type: none"> <li>HRs of various Industries are invited to the campus for interacting with the students and making the students familiar with industry requirements. MOUs are signed with industries for Internships, online training and placements.</li> </ul>
<b>Admission of Students</b>	Every year EAMCET counselling Awareness program is conducted for guiding the prospective students in the right direction for admissions
<b>Make students more employable</b>	<ul style="list-style-type: none"> <li>Providing various courses which will help in increase students' practical knowledge</li> <li>Encouraging students to enroll in MOOCs courses</li> <li>Periodic interaction with the distinguished guests who have excelled in their field</li> </ul>
<b>Maintaining Proper Discipline</b>	Recommends Installation of CCTV Cameras at relevant places and other measures to maintain the discipline



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## Long Term Goals(2018-2028)

- 1. To Create Centres of Excellence**
  - Establishment of a Centres of Excellence (COE) by leveraging the resources and skills found within each sector.
- 2. To Establish State-of -the-Art Infrastructure Amenities**
  - Developing Advanced Classroom Facilities
  - Establishing State-of -the-Art Laboratories
  - Developing Infrastructure for R&D Activities
  - Strengthening Digital Infrastructure Like Internet, Digital Libraries, Etc.
  - Establishing a Safe and Secure Environment
- 3. To Ensure 70% of the Faculty have Ph.D. Degrees**
  - Promote faculty enrolment in Ph.D. Programs
  - Supporting faculty members who are working towards their Ph.D. Degrees
- 4. To Introduce new U.G and P.G Programs and also enhancing the Enrolment of Existing Programs**
  - Investigate the potential opportunities for introducing new undergraduate and postgraduate programs by analyzing market trends and consulting with industry professionals.
  - Enhancing intake across programs based on student interest and market needs.
  - Providing adequate infrastructure to accommodate increased enrollment intake.
- 5. To Leverage Technology for Skill Development and Fostering Self-Learning**
  - Utilize online learning platforms and educational technology tools
  - Leverage interactive digital content like videos, podcasts, infographics, and simulations to make learning more engaging and effective
  - Provide access to online libraries and databases, so students can access a vast amount of resources for self-study and research
  - Partner with online course providers and academies.
  - Encourage students to do MOOC courses from platforms like Swayam.
- 6. To Foster Collaborative Partnerships with National and International Higher Education Institutions and Research Organizations**
  - Establish collaborative partnerships with renowned international universities, including faculty exchange programs.
  - Forge collaborative alliances with prestigious national institutions to foster research and academic activities.
  - Incorporate best practices from esteemed academic institutions to cultivate a comprehensive and holistic learning experience.
- 7. To Establish a Strong Culture of Research and Innovation within the Institution**
  - Pursue external research funding from government agencies, industry collaborations, and philanthropic organizations.
  - Establishing Research Centers in collaboration with universities/institutes of national importance like IITs, NITs and with State Universities.



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- Encourage Interdisciplinary Research by Promoting Collaboration between Different Engineering Disciplines and Collaboration with other fields Such As Science, Medicine, Social Sciences, and Humanities.

## **8. To Equip Students with the Necessary Skills, Knowledge, and Support to achieve Successful and Fulfilling Careers in their chosen Fields**

- Offer career counselling services to students, assisting them in identifying their interests, strengths, and career goals.
- Facilitate internships and cooperative education programs with industry partners.
- Develop strong connections with industries, employers, and professional organizations.
- Organize networking events, industry visits, and alumni interactions to enable students to connect with professionals in their fields of interest.
- Establish robust career training & placement services to assist students in securing internships, co-op placements, and full-time employment after graduation.
- Promote the concept of lifelong learning and encourage alumni engagement in career development activities.
- Continuously update the curriculum to align with industry needs and technological advancements.



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## Short Term Goals(2018-23)

- 1. Permanent Affiliation, NAAC accreditation and NBA Accreditation for all eligible programs**
  - Working towards the renewal of Permanent Affiliation from JNTUK from time to time.
  - Conduct an internal assessment to determine the eligibility of programs for NAAC and NBA accreditation.
  - Forming dedicated committees or teams responsible for overseeing the accreditation process and gathering necessary data, documentation, and evidence to support the accreditation process.
  - To obtain regular accreditation for all eligible programs from NBA and NAAC from time to time.
- 2. To enhance campus facilities and support systems**
  - Identifying areas of the campus that require improvement and prioritizing upgrades.
  - Invest in upgrading technology infrastructure and equipment.
  - Review and enhance safety protocols and security systems on campus.
  - Provide professional development opportunities for faculty to enhance their teaching skills, research capabilities, and industry knowledge.
  - Seek regular feedback from students, faculty, and staff to identify areas for improvement.
- 3. To significantly increase research output and expand consultancy services**
  - Develop a research roadmap that outlines priority areas for research
  - Actively seek external research funding from government agencies, industry sponsors, and philanthropic organizations
  - Create a supportive ecosystem for faculty members to publish their research findings
  - Identify areas of expertise within the college that can be leveraged for consultancy services and develop a consultancy framework.
- 4. To introduce interdisciplinary courses, projects, and research initiatives**
  - Encourage collaboration among faculty members from various departments to develop joint projects and research initiatives
  - Engage students in interdisciplinary activities through project-based learning and research opportunities
  - Raise awareness among faculty members and students about the importance and benefits of interdisciplinary approaches
  - Create platforms for interdisciplinary knowledge exchange, such as seminars, conferences, and symposiums
- 5. To periodically review and update the existing curriculum**
  - Conduct a comprehensive evaluation of the current curriculum, taking into consideration feedback from faculty, students, industry partners, and other stakeholders
  - Engage with industry partners to understand their evolving needs and expectations of engineering graduates
  - Map the existing curriculum against the desired learning outcomes, program objectives, and industry expectations
  - Update the curriculum to incorporate emerging technologies and advancements relevant to the field of engineering





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- Enhance the curriculum by incorporating experiential learning opportunities such as internships, co-op programs, industry projects, and real-world case studies
  - Establish a system for continuous monitoring, evaluation, and improvement of the curriculum
- 6. To implement strategies and initiatives to enhance the Teaching-Learning Process**
- Offer professional development programs and workshops on OBE for faculty members
  - Implementing blended learning strategies and initiatives like E-Learning, MOOCs, and Virtual Labs.
  - Implement effective assessment strategies that align with learning outcomes and provide timely feedback to students.
- 7. To plan and execute various technical events**
- Organizing educational and informative events to keep students and faculty updated with the latest advancements in the engineering field.
  - Conduct guest lecture's with industry experts.
  - Organize intensive and collaborative coding events like Hackathons, Project Expos etc..
  - Organize industry visits from time to time.
  - Conduct National/International Conferences and Workshops
- 8. To Enhance Industry-Institution Collaborations and Partnerships**
- Initiating and formalizing Memorandums of Understanding (MOUs) with industries.
  - Leveraging the expertise and experiences of industry experts as adjunct faculty.
  - Enhance industry connectivity through guest and expert lectures.
- 9. To improve the performance of students in academics and placements**
- Increase students' average grades by identifying areas of the curriculum where students generally perform poorly and implementing strategies to improve.
  - Ensuring that more students successfully finish their courses on time and don't drop out or fail by supporting struggling students, implementing effective early-warning systems, and providing support.
  - Offering additional exam preparation resources or sessions for improving students' performance in examinations
  - Developing strong problem-solving skills and the ability to apply theoretical knowledge to real-world problems.