



## **STRATEGIC PLAN OF THE INSTITUTE**

Samskruti College of Engineering and Technology (SMSK) was established by St. Vincent Society in a serene and tranquil atmosphere at Ghatkesar, Hyderabad and has grown rapidly, since its inception in 2005. The lush green campus of SMSK is spread over 20 acres of pleasant landscape with a constructed area.

The primary objective of this Educational Society is to create temples of knowledge. The atmosphere is conducive for imparting essential technical & wide gamut of requisite skills that groom students into responsible global citizens, ready for success. The institution named after the father of the nation lays great emphasis on value-based education. The campus is bustling with activities, assiduously supported by the management. SMSK is approved by AICTE, New Delhi, and recognized by the UGC under sections 2(f) and 12(b) of the UGC Act 1956. The college offers courses in Undergraduate Programs & PG Courses.

### **Institute Vision and Mission**

#### **VISION**

To be an institution molding globally competent professional as an essence of noble.

#### **MISSION**

To transform the young generation as technically complete, ethically sound and socially committed professionals by providing a vibrant learning ambience, for welfare of society.

#### **Objectives**

- Impart up-to-date knowledge in the students chosen fields to make them quality engineers
- To improve teaching & learning process through continuous assessment.
- Impart up-to-date knowledge in the students chosen fields to make them quality engineers
- Make the students experience the applications on quality equipment and tools
- Provide quality environment and services to all stakeholders
- Provide systems, resources and opportunities for continuous improvement
- Maintain global standards in education, training and services
- To achieve campus automation for better control, coordination, and monitoring.
- To equip the teachers with the latest computing facilities along with modern teaching aids.
- To improve teaching & learning process through continuous assessment.
- To enroll and nurture meritorious students.
- To promote Research & Consultancy.
- To improve the Industry Institute interaction towards achieving the Institutes Vision & Mission.



- Continuous up-gradation & development of infrastructural facilities
- To establish “Finishing Schools” to help the weak/rural students to improve their employable skills and personality development.

### **Core Values**

The core values are a set of principles that are aligned with SMSK Institutes Mission and Vision. SMSK engages in a process of self and community reflection that would lead us to recognize and heighten awareness of the core values. We have already practiced and articulated to develop an institutional culture that holds itself accountable to those values.

### **Some of the core values of SMSK are:**

#### **Commitment**

We are dedicated to meet the needs of the communities, and focus on student and stakeholder needs, respond to the changing needs of our communities in a timely manner, create new programs and services to meet identified needs and continuously evaluate, improve programs, services, systems, and policies to achieve the Mission and Vision of institute.

#### **Excellence**

We are committed to providing the best educational experience possible to every student and we seek opportunities to identify and celebrate excellence as part of our culture.

#### **Diversity**

In culturally and intellectually diverse community, SMSK believe in diversity in intellectual approach and outlook. We will ensure fair and equal access for all. We recognize, appreciate, and celebrate the strength of diversity to provide educational experiences that promote a greater appreciation for diversity.

#### **Accountability**

We are committed to ensure that all the members of SMSK community are accountable for their work in support of the college and its Mission and Vision.

#### **Ethics & Morals**

We believe in acting with honesty, courage, and trustworthiness with high Moral Values.

#### **Innovation**

The SMSK is dedicated to discovering the foundational ideas; for translation and collaboration across disciplines and communities through research, scholarship, and creative works.

#### **Service**

Service to students is a basic principle of life at SMSK, as is service by students, staff, and faculty each lending personal skills and professional expertise to assist others through campus clinics, off-

  
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campus internships and service trips.

### **Alumni**

Our greatest legacy is our alumni and their many contributions to business and society. We will engage our alumni in planning for the future of SMSK and rely upon our alumni for their involvement and generous support in the execution of this plan.

### **Observations from the past Five years**

1. Stiff competition to achieve the betterment in the various Ranking and Accreditation system in place.
2. Seats in core branches are vacant and there is a greater demand for emerging technology courses.
3. The number of top rankers joining the institute is not encouraging.
4. Not many students from other states joining the institute.
5. Faculty research and publications have shown growth but require exponential improvement. Admissions to the institute heavily rely on the image and perception students gather from various information sources.

The college acknowledges the competitive landscape among institutions, striving for better rankings in accreditation mechanisms like NIRF, ARIIA, NAAC, which significantly influence student perceptions. To maintain competitiveness and attract top-ranking students, strategic planning is crucial for the structural development and growth of the institute.

In pursuit of excellence in engineering education, the college regularly convenes meetings to identify key areas for improvement. Through these deliberations, both long-term and short-term goals are established to ensure the delivery of quality education and the production of industry-ready engineers.

## **PERSPECTIVE PLAN**

### **FOCUS AREAS**

The institute shall focus its work in the following areas to ensure it imparts quality education and the graduates are industry ready.



1. Transform its classrooms with the latest pedagogical and ICT tools.
2. Promote Effective and experiential learning.
3. Establish industry centric laboratories.
4. To promote self-learning, improve skill and leadership development.
5. Introduce Major and Minor degree courses to attract meritorious students to take up multidisciplinary courses.
6. Provide an effective personality and professional development mechanism.
7. Have visible Community Outreach programs.
8. Introduce new courses in Emerging Technologies.
9. Promote quality research and improve IPR among the faculty.
10. Improve the Alumni Networking and interaction with their organizations for collaborative programs.

### IMPLEMENTATION

Sno	Focus Area of the Strategic Plan	Action Plan
1	Transform its classrooms with latest pedagogical and ICT tools.	a) Identifying the required tools b) Provide ICT literacy to the teachers. c) Procure the required tools for all the classrooms
2	Promote Effective and experiential learning	a) Having more percentage for practical components and Internships in the Curriculum b) Increase the assessment component of experiential learning
3	Establish industry centric laboratories	a) Improve the Industry Institute Interaction b) Establish new laboratories based on industry needs
4	To promote self-learning, improve skill and leadership development	a) Provision for Mandatory Internship in the curriculum b) Encourage students to take up MOOCs courses
5	Introduce Major and Minor degree	a) Identify and start minor degree

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	courses to attract meritorious students to take up multidisciplinary courses	programs in all branches b) Create awareness session on the minor degree courses and their employment opportunities
6	Provide an effective personality and professional development mechanism	a) Conduct periodical Mentoring sessions and provide Counseling with professional counsellor where required b) Conduct more events on Personality and professional development through professional chapters / bodies
7	Have visible Community Outreach programs	a) Organizing programs pertaining to Community responsibility b) Participation in various community development programs of the Central and State Governments on a regular basis
8	Introduce new courses in Emerging Technologies	a) Conduct training programs on the emerging areas to provide acquaintance to the students b) Introduce new course based on the emerging areas in the curriculum
9	Promote quality research and improve IPR among the faculty	a) Encourage faculty for consultancy and funded projects b) Provide the requisite assistance for improving the quality of research and development of IPR
10	Improve the Alumni Networking and interaction with their organizations for collaborative programs	a) Utilize the social media networks for networking with the Alumni. b) Organize frequent meet and greet programs with the Alumni and their organizations

The Action plan for each of the focus areas of the perspective plan shall be entrusted to the concerned Institutional Bodies and monitoring committees to achieve specific, attainable target in a time bound manner with measurable milestones.

### **SHORT TERM GOALS**

- Academic Infrastructure : Enhance the classroom environment with the state of the art ICT tools and
- Industry Outreach Programmes : Conduct frequent Industry Institute Interaction meets to design the industry relevant curriculum and collaborate for internships and experiential learning mechanisms and placements.
- Research and IPR environment ; Develop a research and IPR policy which shall encourage



the faculty to produce greater number of quality publications and funded research projects together with increase IPR on the campus

### **LONG TERM GOALS**

- International collaborations: By entering into collaborative agreements with international institutes we aim to conduct joint and collaborative research, student and faculty exchange programs and Cultural exchange and summer schools programs
- Centre of Excellence : Develop Centre of Excellence in emerging areas offering research programs in the Research Centres approved by the affiliating University

### **CONCLUSIONS**

The implementation of the strategic plan will require the ideas, efforts and commitment from the faculty and staff with inputs and feedback from the students. For achieving the targets of any plan, it is essential that all the stakeholders of the institute come together to realize the set goals.

The Academic Advisory Committee shall prepare and assign the responsibility of the individual action items to various institutional bodies or functional units. The concerned officials provided with the responsibility shall define the metrics, estimate the resources needed and propose the timelines for each of the action items by setting the priorities.

The college assumes that when successfully executed this strategic plan would realize the education at SMSK to be state of the art and meticulous to make our students industry ready and attract the meritorious students from across the country and enable us to grow our identity as a premier institute, together with its alumni it can achieve a global visibility.

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