# SRI VELLAPPALLY NATESAN COLLEGE OF ENGINEERING "Affiliated to APJ Abdul Kalam Technological University, Thiruvanathapuram

bdul Kalam Technological University,Thiruvanathan Approved by AICTE , New Delhi Accredited by NAAC with B+ Grade

### STRATEGIC PLAN (2018- 2023):

SVNCE aims to transform into a leading institution renowned for outstanding education and learning experiences by 2023, setting a benchmark in academic excellence and innovative teaching methodologies.

### SHORT TERM GOALS:

SHORT TERM GOALS:			
SL NO:	PLAN	TARGET	ACTION
1	Teaching and Learning Plan	Enhance the overall quality and effectiveness of education.	<ol> <li>Upgrade classrooms with the latest interactive and smart technology.</li> <li>Increase the availability of laptops and projectors for teaching purposes</li> <li>Expand access to online resources, including digital libraries and elearning platforms</li> <li>Facilitate international exposure through student exchange programs.</li> </ol>
2	Curriculum Improvement	Curriculum Improvement as per the industry needs and suggestions given by academic council & BoG Meetings.	Suggestions are noted and planning to implement in phased manner.
3	Research and Development Plan	More funded research projects proposals.	All departments need to apply for research proposals.  Identify the sources for getting funding.  The CSE, Mech, ECE, EEE, and Civil departments are each required to submit one research proposal to apply for a Research Center.
4	Enhancing Quality Research Publications	To enhance publications in indexed journals	Focusing more on quality research papers.
5	To increase the faculty with Ph.D qualification	Encouraging more internal faculty members to pursue Ph.Ds.	To have a greater number of faculty with Ph.D's in at least 2 departments initially.

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6	Conducting FDPs, Workshops, and Seminars	Enhance faculty expertise and student learning.	1. Organize FDPs on emerging technologies. 2. Host workshops for hands-on experience in latest industry practices. 3. Conduct seminars with experts for knowledge exchange. 4. Ensure interdisciplinary learning and collaboration.
7	Placements Quality Improvement	Enhance the quality and number of student placements.	<ol> <li>Strengthen industry ties and internship opportunities.</li> <li>Offer career counselling and skill development workshops.</li> <li>Organize campus recruitment training programs.</li> </ol>
R	To increase the pass percentage	Incremental improvement	<ol> <li>Offer extra help and remedial classes for struggling students</li> <li>Use interactive teaching methods to improve understanding.</li> <li>Regularly evaluate student progress</li> </ol>
9	Maximize the potential IEDC	Increase the number of successful student and faculty-led startups and innovation projects.	<ol> <li>Utilize IEDC for workshops and mentorship programs.</li> <li>Facilitate startup incubation and funding access.</li> <li>Organize innovation challenges and contests under IEDC.</li> </ol>
10	Integrate MSME support for fostering entrepreneurship	Boost learning about businesses and support new startups.	<ol> <li>Engage with MSME programs.</li> <li>Organize entrepreneurship workshops.</li> <li>Guide on accessing MSME benefits.</li> <li>Encourage participation in MSME events.</li> </ol>

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Foster Innovation Through Awards  Boost innovation and recognition.  1. Create innovation con 2. Recognize outstandin 3. Offer prizes and supp 4. Publicize winners to i 1. Provide GATE	ng projects. port.
1.Provide GATE	preparation
Program  Improve soft skills and technical competencies.  Improve soft skills and technical preparation 3. Offer soft skills training technical skills, and preparation and leadership qualities.	ing sessions to on, teamwork,
Student Well-being and Mental Health Programs  Implement programs that support the mental and emotional well-being of students to ensure a healthy learning environment.  Implement programs that support the mental and emotional well-being of students to ensure a healthy learning environment.  1. Implement counselling stress management we address and support students and emotional health need and emotional health, such as and fitness classes, students' overall well academic performance.	workshops to tudents' mental eeds. that promote s sports events to enhance ell-being and
Enhance Alumni engagement  Strengthen connections with alumni and leverage their expertise for mutual benefit  1. Create an alumni platform for network mentorship.  2. Organize regular alumni and interactive sessions.  3. Involve alumni in grand workshops, and as part boards.	working and umni meet-ups s. guest lectures,
Academic & Administrative Audit Internal/External every Initiated and implementation academic year  Audit academic year	entation every

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PALLICKAL P.O. KAYAMKULAM



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16	Establishing paperless c-office governance	All academic and administrative activities in the management information system	1. Develop a comprehensive e-office platform to digitize all paperwork.  2. Implement an online staff leave management system for easy application and tracking.  3. Create an online fee payment system to streamline transactions and ensure financial transparency.  4. Digitize course materials and library resources for easy access by students and faculty.  5. Introduce online submission and grading of assignments to reduce paper use.
17	Infrastructural Facilities	Improvement in infrastructural Practices	As per the needs of the department/Institute immediately
18	Clean and green campus	Achieve a sustainable, eco-friendly environment within the campus that promotes health, wellness, and biodiversity.	Implement recycling programs, reduce waste, plant more trees and green spaces and conduct regular cleanliness drives to ensure the campus remains clean and green.
19	Green Audit	Procedure for Green Audit     Activities under Green Campus     Plastic free campus	Implement Green Initiatives  1. Rain Harvesting Pits  2. Solid Waste Water Management
20	Energy Audit	Energy Audit Recommendation     Electricity Bill Analysis     Use of Solar Power	Implement Usage of Non- Conventional Energy





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#### LONG TERM GOALS:

SL NO:	PLAN	TARGET	ACTION
1	NAAC	To get A+ Grade in NAAC	NAAC PEER TEAM Comments action     SSR Preparation
2	NBA Accreditation	To get accreditation for CSE     To get accreditation for CE/Mech/ECE/EEE	To get ready in all aspects for NBA
3	NIRF Ranking	Participated Ranking below 100	Student outcomes improvement     Placements Quality Improvement     Research Publications     Perception
		Innovation, & Incubation     Centre/Facilities exists in campus	Programs needs to be conducted by     Institute Related to IPR, Entrepreneurship /     Start-ups & Innovation
	ARIIA Ranking	Start-ups have received Grant / funding from Incubation Centre/Facilities	I&E Programs Organized within the Campus
4		3. Idea / Prototype / Innovation have received Grant / funding from Incubation Centre / Facilities	1&E Achievement of Students & Faculties in terms of Awards/ Recognitions
		4. IP Granted and Published; Tech Transfer and Commercialised	4. Short time & Elective / Core Credit in IPR/Entrepreneur ship 5. IPR Cell / Patent Facilitation Unit
		5. Total Expense towards innovation, IPR and Startup	No. of Innovations     No. of Startups
5	Institution Innovation Council	Establish and enhance the effectiveness of the Institution Innovation Council	Organize innovation workshops.     Engage with industry for live projects; facilitate innovation contests.     Promote IP creation and entrepreneurship through mentorship and resources.



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