SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING

Kadayiruppu P O, Ernakulam, Kerala - 682 311

www.sngce.ac.in

STRATEGIC PLAN – ASPIRATION 2030

About SNGCE

Sree Narayana Gurukulam College of Engineering (SNGCE), established in 2002 as a self-financing institution, is managed by the Sree Narayana Gurukulam Charitable Trust and affiliated with APJ Abdul Kalam Technological University. With a commitment to serving marginalized communities and inspired by Sree Narayana Guru's principles, the college focuses on academic excellence, offering six engineering departments, along with Management Studies and Computer Applications. Accredited by the International Accreditation Organization, SNGCE boasts an up-to-date infrastructure, dedicated faculty, and numerous co-curricular activities. The institution, recognized as a Research Centre by Kerala University of Fisheries and Ocean Studies, maintains close ties with R&D institutions, universities, and industry through collaborative programs. The campus features advanced centres, including the BOOTCAMP and FAB Lab, supported by the State Government/University. SNGCE's alumni, many of whom are entrepreneurs or industry executives, contribute to its reputation, and the college actively facilitates job placements through campus recruitments. The course and career guidance cell ensures students align their skills with their chosen fields.

Vision

Realization of a self-contained center of excellence for value based transformative education, research and innovation.

Mission

- To be led by consistent standards, that will place the institution on a high plane of excellence in education research, innovation and creativity.

- To produce globally competent professionals through excellent teaching- learning process, creative research, and regular productive academia-industry-society interaction.

- To be committed to the integration of engineering, basic sciences, liberal arts, management and other disciplines of knowledge and offer need-based new academic programs.

- To transform learners into better citizens with ingrained values, knowledge, skills, and aptitude to serve the society.

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Strategic Plan

A strategic plan is a comprehensive document that outlines an organization's goals, objectives, and the actions needed to achieve them. It is a roadmap that guides decision-making and resource allocation to align with the organization's mission and vision. A well-crafted strategic plan helps organizations navigate challenges, capitalize on opportunities, and stay focused on their long-term objectives.
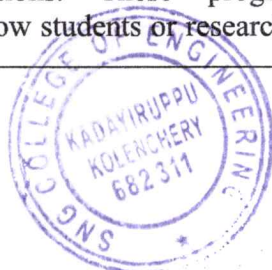
SNGCE Strategic Plan

- ➤ Introduce organisation-based learning for all programmes

- ➤ Convert the campus to 100% wi-fi campus from the current 60% coverage

- ➤ Civil Service and Competitive examination Coaching to be introduced

- ➤ Collaboration with globally reputed universities and research organisations for research and development and certification courses

- ➤ Setting up industry –institute interaction cell and conducting related activities

- ➤ Provide international Research Experience.

- ➤ Formation of Centres of Excellence in Various streams of engineering

- ➤ Adopt digital learning, e-learning solutions, and interactive sessions.

- ➤ Sponsoring staffs to participate in skill development programmes

- ➤ Establishment of innovation and Incubation centre

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Implementation of Strategy

Strategy	Implementation	Expected Expenses	Priority
Introduce organisation-based learning for all programmes	Establish partnerships with organizations related to each program to facilitate access to their work environments.	5Lks	Medium Term
Convert the campus to 100% wi-fi campus from the current 60% coverage	Procure and install necessary Wi-Fi infrastructure, strategically placing access points to ensure optimal coverage and bandwidth distribution across the campus.	5Lks	Long Term
Civil Service and Competitive examination Coaching to be introduced	Recruit experienced and knowledgeable faculty members with expertise in the relevant subjects and exams.	10Lks	Short Term
Collaboration with globally reputed universities and research organisations for research and development and certification courses	Begin the collaboration with smaller pilot projects or joint initiatives to build trust and demonstrate the feasibility and success of working together.	20Lks	Long Term
Setting up industry –institute interaction cell and conducting related activities	Arrange industry-oriented events such as seminars, webinars, panel discussions, and workshops that provide a platform for industry experts to interact with students and faculty.	10Lks	Medium Term
Provide international Research Experience.	Explore academic exchange programs facilitated by universities or educational organizations. These programs often allow students or researchers	10 Lks	Long Term

	to study or conduct research abroad for a designated period.		
Formation of Centres of Excellence in Various streams of engineering	Identify potential funding sources, including government grants, industry sponsorships, and institutional investments.	10 Lks	Long Term
Adopt digital learning, e-learning solutions, and interactive sessions.	Create a detailed plan outlining the integration of e-learning platforms, interactive tools, and other digital solutions into the curriculum.	4Lks	Long Term
Sponsoring staffs to participate in skill development programmes	Continuously assess and update the technology integration plan to incorporate new tools and features that can enhance the digital learning experience.	15Lks	Short term
Establishment of innovation and Incubation centre	Develop structured incubation programs that provide startups with mentorship, coaching, business development support, access to networks, and funding opportunities.	20 lks	Long Term

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