



INSTITUTIONAL DEVELOPMENT PLAN

About the College

Dr Samuel George Institute of Engineering and Technology established in 1997, the First Engineering College in Prakasam District with Permanent Affiliation to JNTU Kakinada and Accredited with NAAC “A” grade and under active consideration for autonomous status. It is certified for Quality Management System of ISO 9001:2015 for all the courses. The College is located in Markapur in a 38 Acre sprawling Campus with Green landscape Audit, Environmental Audit & Carbon Footprint& Energy Audit. The Campus is completely powered by Solar Energy with a back up of 160KVA DG Set. The College is equipped with Amphitheatre, Indoor Stadium; Millennium Indoor Air conditioned Auditorium and fully equipped Library with 60,000 Books and a seating capacity for 400 students with Digital Library. The Incubation Centers, Skill Center of Excellences, Dussalt Systems & ITES labs provide ample scope for carrying out R &D. The Institution has MoUs with Top MNCs for providing internships, conducting training programs & Placements. State of the art facilities for men and women Hostels, Laboratories and equipments with well qualified and dedicated faculty makes it one of the best Technical Education Institutions in Prakasam District. The College NCC Unit (186 COY) and NSS Unit are creating opportunities for students to excel in National Service with the help of NCC “C” Certificate and NSS Volunteer certificate.

The College is motivated by its core values of Innovation, Integrity, Excellence, Collaboration & Diversity with a motto of *Discipline, Hard work and Value of Time.*

The AICTE, New Delhi approved Dr.Samuel George Institute of Engineering & Technology (SGIT) sanctioned the strength of **B.Tech** Programme Civil Engineering-60, Electrical and Electronics Engineering-30, Mechanical Engineering-30, Electronics and Communications Engineering-90, Computer Science and Engineering-180, Artificial Intelligence and Machine Learning-60. **M.Tech** Program Computer Science and Engineering-36, Digital Electronics and Communication Engineering-36, Power Electronics-24, Thermal Engineering-24. **Diploma** Civil Engineering-60, Electrical and Electronics Engineering-60, Mechanical Engineering-60, Electronics and Communications Engineering-60, Computer Engineering-120.

SGIT Management team after brainstorming the Vision, Mission, Quality Policy, Core Values, Environmental factors and SWOC analysis have reached the step of defining Institution Strategic Goals for 2025-2035.

1	GOOD GOVERNANCE
2	TEACHING & LEARNING STRATEGIES
3	RESEARCH & DEVELOPMENT
4	PLACEMENT, INTERNSHIPS AND CAREER
5	INDUSTRY & INSTITUTE COLLABORATIONS (MoUS)
6	INFRASTRUCTURE AND FACILITIES
7	LIBRARY ENHANCEMENT
8	AUTONOMOUS STATUS
9	QUALITY ASSURANCE SYSTEMS
10	ENTREPRENEURSHIP
11	ALUMNI ENGAGEMENT AND INTERACTION
12	ECO-FRIENDLY ENVIRONMENT CAMPUS
13	BEST PRACTICES
14	SOCIAL ACTIVITIES

STRATEGIC GOAL	STRATEGIC PLANNING
Good Governance	Governing Body
	Supervisory and approving policy matters, Staff Recruitments, annual budgets.
	Evaluation of institutions academic performance and bench marking.
	Smooth Working of statutory committees.
	Vision, Mission, and Institution Strategic Goals
	Vision, Mission progress & their delivery.
	Setting short term and long-term goals.
	Institutional Strategic development plan.
	Internal Quality Assurance Cell & Accreditation
	Monitoring internal audit committee for monitoring compliance.
	Systems, checks and balances- Remedial measures.
Teaching & Learning Strategies	The improvements in teaching & learning infrastructure keeping in line the changing pedagogy and its implementation like aggressive adoption of ICT through improved facilities in classrooms, Smart classrooms, skill development centers, laboratory, library, Wi-Fi enabled classrooms.
	Outcome Based Education (OBE)
	Budget allocation for library.
Research & Development	Promoting Consultancy.
	Startup of maker Space– Product and development.
	Focus on Product development.
	Starting of patent cell.
	Establishing IPR Cell, Patent filing
	Establishment of Large scale R & D Activities
	Establishment of Quantum Computation labs
	Establishment of CoE for Artificial Intelligence & Robotics
Placement, Internships and Career	Setups dedicate T&P Team.
	Conduct Awareness programmes for progression
	Conduct Value added programmes and building training programmes
	MOU s and relationship management
	Internships planning and execution.
	Developing Data base of various potential industries/companies.
	Modernization of T&P Cell (Video conferencing, interview & conference rooms).
	Construction of modern placement cell with Guest House facility

Industry & Institute Collaborations	Identify branch wise preferred industries and companies.
	MoUs with industries
	Support for internships, visits, trainings, guest lectures
	Providing opportunities for Industry based / sponsored projects.
	Providing career guidance & Strengthen training & placement.
	Professional bodies membership.
Physical Infrastructure & Facilities	Upgrade the Classrooms, Tutorials, Seminar halls, conference halls.
	Upgrade of Laboratory equipment
	Upgradation Library infrastructure & e-learning
	Emerging sports facilities
	Strengthen Hobby clubs & Canteen facilities.
	Increasing Transport facilities
	Barrier free Environment
	Fire safety management system
	Construction Modern amenities for Mens Hostel
	Refurbishment of Amphi Theatre
Library Enhancement	Books, journals procurement, storage, and retrieval
	Digitization of Library resources
	Resources automation & Access
	Formation of industry institute interaction cell
Autonomous Status	Discussion in Governing Body and approval for university affiliation & Autonomous Status.
	Resource planning & budget approval.
	Inspections University affiliation preparation & Approvals.
	Preparation for the NAAC Accreditation & certifications
Quality Assurance Systems	Setting up of IQAC team
	Intermittent checks and guidance
	Recognizing achievements & Best practices
	Choose accreditation/certification agency.
	Establish academic audit process & audit teams.
	Quality project development

Entrepreneurship	Establishment of dedicated EDP cell.
	Identification of emerging areas of entrepreneurship.
	Identify interested students for entrepreneurship.
	Identify mentors from successful entrepreneurs from Alumni /others.
	Formal training on entrepreneurship.
	Workshops/ Seminars
	Strengthen Alumni association and engagement.
Alumni Engagement and Interaction	Establish alumni association office on campus, engage students.
	Data base updating and interactive alumni website
	Study rural projects and challenges.
	Rainwater harvesting and plantations.
	Developing facilities to improve the energy saving & management.
Eco-friendly Environment campus	Solar energy driven campus
	Solid waste management (zero plastic usage)
	Developing facilities to efficient usage of recycled wastewater.
	Utilization of Bio energy
	Conducting Plantation Programmes
Best Practices	Campus Recruitment Training
	Mentoring System
Social Activities	Conducting health awareness camps & Blood Donation camps.
	Through NCC unit and NSS Cell.
	Conduct awareness programs in villages/ communities
	Literacy & Environmental Awareness programs
	Special camp programs
	Conducting Swacha Bharat and Rallys

Strategy Implementation and Monitoring

Strategic development plan once approved by Governing Body and the progress shall be measured from time to time through the IQAC. Hence the measurable success indicators are clearly spelt out in the implementation document. The principal along with academic council and other team member will be the custodian for strategic plan and its deployment.

Implementation at institute level

Particulars	Committee
Good Governance & Administration	Chairman, Members of Governing Body
Finance & Account Management	Finance Committee
Internal Complaint Committee (ICC)	Principal, Vice-Principal and HODs
Autonomous & University Affiliations	GB, Principal, Vice-Principal and HODs
Infrastructure-Academics	GB, Chairman, Principal, Vice-Principal, HODs and In charge Maintenance
Physical Infrastructure	GB, Chairman, Principal, Vice-Principal, HODs and In charge Maintenance
Teaching- Learning Process	Principal, Vice-Principal, HODs, Faculty and Staff
Research & Development Consultancy	Principal, Research Coordinators
Student affairs	Principal, Vice-Principal & HODs
Student admissions	Principal & Admission In charge
Departmental Activities	HODs and Faculty
Placement & Training	Principal, Placement & Training In charge and HODs
Entrepreneurship	Principal and E&D Cell In charge
Library	Principal, Vice Principal and Librarian, Prof I/c Library


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