



Shri Gajanan Shikshan Sanstha's

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON - 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

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INTRODUCTION

SSGMCE Unveiled: A Gateway to Excellence

Shri Sant Gajanan Maharaj College of Engineering, Shegaon (SSGMCE) is one of the pioneerself-financed institutes of Maharashtra in engineering education which was established in 1983 by Shri Gajanan Shikshan Sanstha, Shegaon with affiliation to Sant Gadge Baba Amravati University, Amravati, and approval from AICTE, New Delhi and recognition by DTE, Maharashtra State, Mumbai. Courses at SSGMCE are accredited by NBA (3 to 6 times) AICTE, New Delhi. It was selected as the Network Institute under NPIUs TEQIP, MHRD, Govt. of India under Phase-I. SSGMCE is honoured with Dewang Mehta National EDUCATION LEADERSHIP AWARD, CII-GRATITUDE AWARD, and Management College of the Year Award by Higher Education Review Magazine. Career360 Magazine ranked the institute as AAA. It has the distinction of having obtained ISO 9001:2015 Certification, filed 48 patents with four granted and fourteen copyrights, 3-Stars rated Institution Innovation Council, signed MoU with Lyceum of Philippines University, Laguna besides several other MoUs, set up Centres of Excellence in emerging areas of engineering and technology.

The Institute offers five Undergraduate engineering courses and five Postgraduate (four Engineering and one Management) courses. Laboratories of all engineering departments and the Management Department are recognized as centres for Ph.D. programme. During its over four decades of standing it has developed excellent physical facilities which include residential and academic buildings, library, laboratories, equipment, hostels (5 for boys and 3 for girls), Yoga and Meditation Centre etc. of its own spread over neat and clean 82 acres of eco-friendly campus. It provides Indoor/ Outdoor Sports facilities with Wooden Flooring Badminton Court, Hi-tech Gymnasium Centre, Skating Ring (National Standard), and Cricket Ground of an International Standard besides other sports facilities. All these have resulted here in students' excellence in examinations, competitions and placement, faculty excellence in academics and research, holistic development of all, and a lasting brand image and spiritual connect with the society.



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VISION:

To impart world-class Engineering and Management education in an environment of Spiritual foundation to serve the global society

MISSION:

- To develop Excellent learning centre through continuous design and up gradation of Courses in close interaction with Research and Development centres, Industries and Academia.
- To produce competent, entrepreneurial and committed Technical & Managerial human resource, with spiritual foundation to serve the society.
- To develop state of the art infrastructure, centres of excellence and to pursue Research of global and local relevance.
- To strive for 'SarveBhavantuSukhinah' – The ideal of our parent organization Shri Gajanan Maharaj Sansthan through symbiosis of Science and Spirituality.

Core Values:

Personal Excellence

Accountability

Trustworthiness

Holistic Development

Creativity and Innovation

Strategic Plan (2023-24 to 2027-28)

SGMCE is dedicated to positioning itself as a leading institution in the education sector, particularly in the domains of engineering, technology, and management. With a primary focus on nurturing highly competent and industry-ready professionals, the institute has meticulously crafted a comprehensive strategic plan spanning from 2023-2024 to 2027-2028.

This strategic roadmap delineates the methodologies, action plans, and specific timelines crucial for realizing our ambitious goals. The formulation of this plan has been shaped by a numerous of factors, including a robust analysis of the institute's Vision and Mission, a detailed SWOC analysis, strict adherence to standards set by accrediting, ranking, and assessing agencies, incorporating valuable feedback from



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accrediting agencies and stakeholders. Furthermore, the plan is intricately designed to align seamlessly with the National Education Policy (NEP) of 2020, and it incorporates proactive measures aimed at effectively addressing anticipated challenges in the future.

The strategic plan serves as a dynamic framework, guiding SSGMCE towards excellence and responsiveness to the evolving needs of the industry and community

Goals:

To create an academic atmosphere that nurtures intellectual and professional growth, enabling individuals to achieve their academic and career goals

To become a premier institute for Engineering and Management education

To nurture and support research, consultancy, innovation, and entrepreneurial endeavours through targeted assistance and resources

To cultivate an environment that encourages continuous development for our faculty and staff

To develop and uphold the necessary facilities, infrastructure, governance, and administrative frameworks that contributes to the fulfilment of the college's vision, mission, and values

To promote holistic and flexible education in accordance with NEP 2020 by integrating multidisciplinary learning and contributing to the 17 Sustainable Development Goals.

Goal 1: To create an academic atmosphere that nurtures intellectual and professional growth, enabling individuals to achieve their academic and career goals.

Objectives	Initiatives	Action Plan
To foster academic excellence by integrating modern, technology-driven courses with effective pedagogical strategies.	Creating engaging learning experiences by offering new programs and flexible teaching methods.	Offer Add on courses/ Value added courses to incorporate emerging technologies and advancements=10 per year
		Autonomy status for the institute (2025-26)
		Offer one joint UG Program with Industry
		01 Professor of Practice per department
		Implement online learning up to a 40% (as per UGC guidelines) to enhance flexibility and accessibility



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		Implement 4-5 innovative teaching and learning methods per department each year
	Insightful and student centric approach to learning.	10% Industry-based Project per department per year
		Internships-30 % students per dept, with 10 % increase per year
		Organize Industry/Site Visits: Minimum 01 per department per year
		Organize Project competition , Hackathons: Every Year reaganize National-level technical symposium: Every Year
To create a supportive environment that promotes the comprehensive development of students.	Offering assistance and support for career placements, advanced studies, entrepreneurship, and other academic needs.	Institutional Accreditation by Industry Campus Recruitment Training = 02 per year Conduct mock interviews for each department before their placement drives Career Guidance Programs= 05 per year Outcomes Placements =80 % of eligible students Raise the placement CTC to above ₹10 lakhs per annum International Placements=5% Organizing entrepreneurship awareness programs = 05 per year.
	Student Learning and Development Support	Remedial classes for slow learners : each department Student Mentor-Mentee Scheme. Psychological Counselor Meditation/YOGA activities = 02 per year. Capacity building and skill enhancement program=05 per year
	Students Participation in Social Responsibility and Value-Based Activities	NSS/Unnat Bharat Abhiyaan Activities=10 per year Gender Sensitization activities = 04 per year Extension Activities to be conducted = 02 per department per year.
Goal 2: To become a premier institute for Engineering and Management education		
To strengthen the Institute's Visibility and Impact Across Academic, Industry,	Quality Assurance and Improvement	NAAC Accreditation NIRF ranking in top 200 within 4 years. NBA accreditation of UG and PG programs Green, Energy and Environmental audits every year ISO internal audit every Year



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and Social Spheres		National/ International Conferences to be organized = 01 per year
	Strengthening stakeholder involvement in decision-making and curriculum development.	Organizing Industry Institute Meet once in 3 years
		Industry persons to be invited as Resource person=02 per department per year
		Alumni meet every year
		Stakeholder Feedback every year
	Enhancing performance in co-curricular and extra-curricular activities	Sports and cultural activities conducted =30 per year
		Awards won by students in Projects/ Hackathon= 5 % increase per year
	Professional Society Chapters and Student Club/Forums	Professional Chapter Activities= 05 per dept. per year Club Activities=02 per year
Goal 3: To nurture and support research, consultancy, innovation, and entrepreneurial endeavours through targeted assistance and resources		
To elevate the standards, effectiveness, and influence of research and innovation activities	Support high quality research , secure funding opportunities, and boost publication success through targeted research policies	Enhance paper publication in the indexed SCI/WoS/Scopus journals/conference = 100% faculty publications per year
		No. of quality publications by UG Students (Project Based) = 8-10 per dept. per year
		No. of externally funded projects = 01 per dept. per year
		No. of proposals to be submitted to various funding agencies = 06 per year
		Grants received from Government and Non-Government Agencies=20 Lakhs
		Faculty with PhD=80% within 5 years
		Indexing the institute journal in WoS/SCOPUS database within 5 years.



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		STTP/FDP to be organized: 1 week / 2 weeks = 1 per year.
		Research methodology related workshops = 02 per year
		Amount of consultancy =20 Lakhs within 5 years
	Creating an ecosystem that nurtures innovation	Workshops/ Seminars on IPR and Entrepreneurship=05 per year
		Patents to be filed/Published = 2 per dept. per year. Copyrights to be submitted =5 per dept. per year
		New startup registration per year=02
	Establish linkages with industries and organizations	MoUs with academic institutes/industries = 02 per dept. per year
Faculty undergoing Industry training(Sabbatical Training)=01 per dept. per year		
Goal 4: To cultivate an environment that encourages continuous development for our faculty and staff		
To offer training and development opportunities that keep the workforce updated with evolving industry trends	Creating personalized development plans for employees that align with their career goals and the evolving needs of the industry.	Faculty to attend FDP = 95% faculty per year
		Faculty Skill up-gradation programs = 02 per dept. per year.
		Financial assistance provided to attend conference/STTP/training program=70 % faculty per year
		Professional bodies membership = 30 % faculty per year
		Skill development program for Non-teaching Staff =01 per dept. every year
Goal 5 :To develop and uphold the necessary facilities, infrastructure, governance, and administrative frameworks that contributes to the fulfilment of the college's vision, mission, and values		
To Upgrade	Enhancing and sustaining	ICT-enabled classrooms with Smart boards = 100%



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infrastructure with modern amenities and robust IT resources to support inclusive facilities	essential facilities, infrastructure, governance, and administrative frameworks	New research facilities creation = 01 equipment per dept. per year
		DELNET Subscription Subscription of e-books
		Up gradation of Internet bandwidth ≥ 1000 MBPS
		Student Computer Ratio < 5

Goal 6: To promote holistic and flexible education in accordance with NEP 2020 by integrating multidisciplinary learning and contributing to the 17 Sustainable Development Goals.

To Promote a well-rounded education by integrating multiple disciplines and with an evaluation process focused on growth and improvement.	Implementing innovative methods to support ongoing and broad learning	Offer open/free elective courses Multidisciplinary Project=01 Every Year
	Incorporating the Indian knowledge system	Guest lectures, workshops, and seminars on Traditional Indian knowledge
	Promoting Regional and Cultural Diversity	Organize activities to highlight and explore India's diverse cultural and linguistic heritage=05 Every Year
	Evaluation process focused on development	Rubric-Based Evaluation: Every dept. Continuous Evaluation: Lab Courses Direct and Indirect Assessment Approaches: For all courses



Dr. S. B. Somani

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