



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

BEST PRACTICES:

The Institute has a good number of unique and constructive practices that have been nurtured with a concrete thought process. Institutional Scholarship Provision, Industry- Academia Connect, Solar Unit, Cleanliness and Hygiene, Spiritual Touch, Rendering Universal Prayer, Ana-paan Meditation, Incubation Centre, Electric Vehicles Unit, and Entrepreneurship Development Cell are the core of these practices. We feel that the below mentioned two practices are the best of these:

A. Financial Support to students

B. Industry -Academia Synergy

1) Title of the Practice-I - Financial Support to Students

2) Objectives of the Practice:

- **Promoting Access to Education:** To offer financial aid to students facing economic hardships, ensuring that financial limitations do not obstruct their educational aspirations.
- **Promoting Academic Excellence and Personal Growth:** To cultivate a culture of achievement and healthy competition among students, inspiring them to excel academically and in various pursuits.
- **Recognizing Academic and Extracurricular Excellence:** To acknowledge students who showcase remarkable academic accomplishments alongside outstanding achievements in extracurricular pursuits.
- **Fostering Social Responsibility and Civic Engagement:** To nurture a sense of social responsibility among beneficiaries, and creating a mind-set that places importance on contributing positively to society.



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

[Email- principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in),
registrar@ssgmce.ac.in

3) The Context:

Our institution is deeply committed to creating an inclusive environment where every student has the opportunity to not only pursue their educational aspirations but also thrive in all aspects of their lives. To achieve this overarching goal, we have identified and established four core objectives that serve as guiding principles for our actions and initiatives.

- Recognizing the significance of providing financial aid to students facing economic hardships, we ensure that financial barriers do not hinder any student's educational journey. By offering tailored financial aid programs, we alleviate the burden of financial constraints and empower students to focus on their studies without worry.
- We foster an environment that encourages academic excellence and personal growth. Through various academic and extracurricular activities, we inspire students to excel in their studies, explore their interests, and develop their talents to their fullest potential.
- We believe in recognizing and celebrating students who demonstrate exceptional achievements, both academically and in extracurricular endeavors. By fostering a culture of recognition and celebration, we create a supportive environment where every student feels valued and appreciated for their contributions.
- We instill in our students a sense of social responsibility and civic engagement, emphasizing the importance of giving back to the community and being socially responsible citizens. Through our efforts, we aim to cultivate empathy, compassion, and altruism in our students, empowering them to become agents of positive change in the world.

Aligned with our motto "Sarve Bhavantu Sukhinah" ("Let all be happy"), our institution implements proactive measures to support students in need through a dedicated financial aid committee. With grants and need-based aid, alongside a financial aid fund fueled by generous community contributions, we ensure that every student has the opportunity to thrive



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

academically, personally, and contribute meaningfully to the community. This commitment reflects our dedication to promoting the happiness and growth of every individual within our institution.

4) The Practice

In response to the escalating financial obstacles in professional education, our Institute has proactively implemented comprehensive measures to alleviate the burden for deserving students, prioritizing merit as the basis for assistance. During the induction program, students are thoroughly briefed on the dedicated financial support team and its transparent procedures, ensuring accessibility and clarity through campus-wide notice board announcements.

Our meticulous process involves a thorough review of applications, with stringent verification of financial circumstances to ensure equitable distribution of scholarships. Merit-based scholarships, attainable for students achieving over 65% in university exams, are facilitated by our scholarship fund, generously fueled by contributions from donors. Interest from this fund is channeled back to the students based on the criteria set by the benefactors, further incentivizing academic excellence.

Additionally, we incentivize participation in the GATE examination by rewarding valid scores and commend industry-driven projects through prizes endorsed by departmental evaluation committees. In cases where students encounter financial constraints, waivers for hostel and mess charges are granted upon verification and approval by the management, ensuring their uninterrupted pursuit of education. The institute offers hostel, canteen and mess facilities to all students at highly affordable rates. Additionally, a cooperative store located within the college campus supplies students with essential daily necessities on a non-profit basis. Moreover, our commitment extends to holistic student development, exemplified by our sports department's annual sports week, offering cash prizes to participants achieving color coats in sports and cultural activities. These initiatives underscore our dedication to fostering an environment where students thrive both academically and financially, ensuring equal opportunities for all.

Our institution's proactive approach has yielded several positive outcomes for our student community. Firstly, the provision of financial aid has significantly increased student retention



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

[Email- principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in),
registrar@ssgmce.ac.in

rates, allowing students to continue their studies without the burden of financial constraints. Secondly, financial assistance has empowered students to compete more effectively, both academically and in technical and professional competitions, enhancing their overall competitiveness. Thirdly, increased participation in technical competitions and activities organized by professional bodies has been observed, contributing to students' growth and exposure in their respective fields. Furthermore, improved performances in cultural contests have been noted, showcasing the well-rounded development of students beyond academics. Additionally, students have exhibited better performance in sports and competitive examinations, reflecting the positive impact of financial aid on their overall well-being.

Furthermore, many students who have benefited from the scholarship support have successfully completed their studies and secured placements in reputable companies. This underscores the critical role of financial assistance in preventing education discontinuation and facilitating career advancement.

Moreover, the practice of awarding merit scholarships fosters a competitive spirit among students, recognizing their achievements not only in academics but also in extracurricular and co-curricular activities. This approach cultivates a culture of excellence and accomplishment, contributing to students' character development and future success.

5) Evidence of Success:

The institutional financial support has yielded numerous positive outcomes for our student community:

- **Enhanced Retention:** By alleviating financial constraints, the support has led to higher student retention rates, allowing students to continue their studies without interruption.
- **Improved Competitiveness:** Financial assistance has empowered students to compete more effectively, both academically and in technical and professional competitions, enhancing their overall competitiveness.
- **Increased Participation in Technical Competitions:** The support has spurred greater participation in technical competitions and activities organized by professional bodies, enriching students' exposure and growth in their fields.



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

- **Enhanced Performance in Cultural Contests:** Financial assistance has translated into improved performances in cultural contests, highlighting students' holistic development beyond academics.
- **Enhanced Sports Performance:** Students have demonstrated improved performance in sports and competitive examinations, reflecting the positive impact of financial aid on their overall well-being.

6) Problems Encountered and Resources Required:

- **Financial Need Verification:** Ensuring thorough and equitable assessment of applicants' financial backgrounds to determine eligibility for aid.
- **Continued Institutional Scholarship Support:** Sustaining the effectiveness and continuity of this initiative to offer ongoing assistance to students in need.
- **Motivation of Financially Challenged Students:** Inspiring students facing financial difficulties to persist in their education and utilize available support.

Our institution remains steadfast in its commitment to aiding economically disadvantaged students, facilitating their pursuit of higher education aspirations. This endeavor is a collaborative endeavor, engaging staff, alumni, and institutional management.

This practice serves as a foundation for instilling ethical values among stakeholders, with all parties dedicated to its enduring operation. Applications undergo meticulous scrutiny by a committee comprising the Principal, Coordinator, senior faculty from each department, class counselors, and Heads of Departments (HODs). This collective and structured approach ensures financial aid reaches those in genuine need.



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

[Email- principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in),
registrar@ssgmce.ac.in

7) Notes:

Scholarship Data of Last 6 years-

Sr. No.	Year	No. of Beneficiaries	Total Amount(Rs)
1	2016- 2017	391	12,25,970
2	2017- 2018	387	13,20,404
3	2018- 2019	372	14,85,350
4	2019- 2020	319	12,49,331
5	2020- 2021	266	5,81,573
6	2021- 2022	367	17,29,214
7	2022-2023	361	1469737



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

1) Title of the Practice-II Industry-Academia Synergy.

2) Objectives of the Practice:

- **Establishing State-of-the-Art Labs:** Equip students with practical skills and real-world exposure by establishing cutting-edge labs in collaboration with industry partners.
- **Tailoring Curriculum to Industry Standards:** Ensure academic programs meet industry needs by integrating experiences from collaborative labs, fostering relevant employable skills.
- **Cultivating Entrepreneurial Spirit:** Inspire an entrepreneurial mindset among students and faculty through mentorship, resources, and opportunities for innovative startups driven by industry-academia collaboration.
- **Hosting Industry-Centric Events:** Facilitate discussions on current industry practices, trends, and challenges through seminars, workshops, and conferences held within collaborative lab environments.
- **Boosting Employability through Hands-On Learning:** Enhance students' job prospects by providing hands-on training using cutting-edge equipment, ensuring they possess practical skills valued by employers.
- **Facilitating Collaborative Research:** Strengthen partnerships with industries through joint research projects, leveraging synergy between academia and industry to address societal and industry needs.
- **Promoting Specialized Skill Development:** Offer specialized training programs utilizing advanced equipment, addressing specific industry requirements and enhancing students' practical capabilities for professional success.

3) The Context:

The initiative of "Industry-Academia connect" plays a pivotal role in the landscape of higher education and professional development, focusing on fostering robust connections between academic institutions and industries. This practice aims to establish symbiotic



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

relationships, bridging the gap between theoretical knowledge and practical application, benefiting students, faculty, industries, and society at large.

Amidst rapid technological advancements and evolving industry landscapes, the initiative ensures education remains relevant and aligned with dynamic job market needs. Notably, industries offering lucrative career prospects may not directly recruit students, necessitating augmented knowledge and skills beyond traditional academia. Internships serve as a crucial avenue for students to gain vital skills and provide innovative problem-solving perspectives, often leading to subsequent employment within the same industry.

Through hands-on experiences and industry exposure during their academic journey, students emerge better equipped for the job market, enhancing their employability and readiness to make impactful contributions professionally. This initiative embodies a collaborative approach, where industry funding for laboratories and equipment enriches learning experiences, preparing students for successful transitions into their careers.

4) The Practice:

Shri Sant Gajanan Maharaj College of Engineering stands as a beacon of collaboration between academia and industry, a testament to its commitment to holistic education and real-world applicability. At the helm of this symbiotic relationship lies the IQAC cell, comprising seasoned industry experts who lend their invaluable insights towards curriculum development, industry trends, and emerging skill requirements. Through strategic partnerships with various industries, the institute spearheads collaborative research endeavors aimed at tackling real-world challenges. These projects not only offer students and faculty opportunities for applied research but also pave the way for industry-relevant solutions that address contemporary issues.

The institute goes beyond theoretical discourse by actively integrating industry perspectives into its academic fabric. Industry stalwarts are regularly invited to deliver



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

[Email- principal@ssgmce.ac.in](mailto:principal@ssgmce.ac.in),
registrar@ssgmce.ac.in

guest lectures, conduct workshops, and participate in panel discussions, providing students with invaluable exposure to current practices and emerging technologies. Structured internship programs forged with industry players offer students a firsthand glimpse into professional environments, allowing them to apply theoretical knowledge and hone industry-specific skills under the mentorship of seasoned professionals.

Recognizing the pivotal role of alumni in bridging the academia-industry gap, the institute harnesses alumni networks to facilitate internships, job placements, and industry connections for students. Moreover, alumni actively participate in guest lectures, mentorship programs, and other initiatives, enriching the academic experience with practical insights from the professional realm.

In its pursuit of excellence, the institute fosters continuous learning and growth among its faculty members, facilitating sabbatical training within industries to stay abreast of evolving trends and industry practices. Regular interactions between faculty and industry professionals further enhance collaboration, identify research opportunities, and pave the way for innovative joint ventures.

Central to this dynamic ecosystem are the Industry-Institute meets, vibrant platforms that facilitate the exchange of knowledge, foster partnerships, and chart the course for joint initiatives that benefit students, industries, and society at large. Through such concerted efforts, Shri Sant Gajanan Maharaj College of Engineering reaffirms its commitment to nurturing industry-ready graduates equipped with the skills and acumen to thrive in the ever-evolving landscape of professional excellence.

5) Evidence of Success:

Active Student Engagement: Students actively immerse themselves in industry-related projects, hackathons, and technical competitions, where they apply theoretical knowledge to tackle real-world challenges. This proactive involvement not only showcases their



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**

SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

adaptability, creativity, and innovation but also reinforces classroom learning, fostering practical skills essential for future career success.

Experiential Learning Benefits: Within the framework of industry-funded lab/equipment practices, students gain invaluable experiential learning opportunities. They enhance their teamwork, critical thinking, and problem-solving skills while gaining profound insights into industry dynamics. This hands-on experience not only prepares them for the demands of the workforce but also instills a lifelong commitment to learning and growth.

Tangible Outcomes of Engagement: Participation in industry-related activities yields tangible outcomes such as publications in prestigious journals, coveted job placements in leading companies, and even the establishment of entrepreneurial ventures. These concrete achievements serve as compelling evidence of the effectiveness of hands-on learning and underscore its transformative impact on students' academic and professional trajectories.

Learner-Centric Approach: Through a learner-centric approach, students are empowered to take ownership of their educational journey, explore their passions, and unlock their full potential. By bridging the gap between academia and industry, these practices not only prepare students for successful careers but also cultivate a deep sense of purpose and responsibility that extends beyond the confines of the classroom.

Overall Impact: Industry-funded projects, internships and lab/equipment practices play a pivotal role in shaping well-rounded professionals equipped with the technical acumen, adaptability, and creativity needed to thrive in today's dynamic professional landscape. This holistic approach not only prepares students for lifelong success but also fosters a profound sense of purpose and contribution to society.

6) Problems Encountered and Resources Required:

Ensuring active industry engagement faces hurdles such as industries' reluctance due to perceived risks, lack of awareness, or competing priorities. To address this, dedicated personnel for outreach, marketing materials, and networking events are essential. Similarly, student participation can be hindered by a lack of awareness, motivation, or guidance regarding industry opportunities. To overcome this, implementing student engagement programs, mentorship initiatives, and awareness workshops is crucial.



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

Curriculum alignment may suffer from outdated content due to delays in updates, faculty resistance, or insufficient industry input. Regular reviews, faculty training, and industry consultations are necessary resources to maintain alignment. Limited funding can impede student involvement in internships, research, or skill development. To counter this, securing grants, scholarships, and partnerships with industry sponsors or alumni donors is vital.

Insufficient monitoring may lead to ineffective collaborations or missed improvement opportunities. Implementing monitoring mechanisms, assessment tools, and feedback channels is essential for effective oversight. Maintaining long-term partnerships can be challenging due to changing priorities or inadequate resources. To ensure sustainability, ongoing commitment, communication, strategic planning, and a dedicated team are indispensable.

Similarly, identifying and supporting entrepreneurial students requires dedicated programs, mentorship networks, funding opportunities, and access to business development resources.

7) Notes:

The Industry-Academia Synergy program at SSGMCE serves as a cornerstone in bridging the gap between education and industry demands, particularly in the realm of Industry-Academia Synergy. This program orchestrates a diverse array of impactful activities aimed at enriching students' educational experience and preparing them for dynamic professional pathways. From establishing cutting-edge industry-funded labs and equipment to facilitating internships, placements, and industry-driven guest talks, the program covers a wide spectrum of initiatives.

Furthermore, it provides workshops, skill-based certifications, and research and development support to enhance students' abilities and foster innovative exploration within these specialized facilities. Entrepreneurial endeavors are nurtured, while industrial visits and guest faculty enrich the learning journey. The collaboration extends to restructuring syllabi to align with evolving industry trends.



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING**
SHEGAON – 444203, DIST. BULDANA (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”

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email- principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

Inaugural addresses, events, and Academia-Industry Meet (AIM) sessions enhance networking opportunities, complemented by Memorandums of Understanding (MOUs) that establish partnerships with industry stakeholders. Through these meticulously curated activities, SSGMCE underscores its commitment to holistic education and industry relevance, equipping students with practical skills and experiential learning through Industry Funded projects, internships and Lab/Equipment initiatives.




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.