

**PEER TEAM REPORT ON INSTITUTIONAL ACCREDITATION OF
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON-444 203, MAHARASHTRA**

(PTV Date: 19 - 21 March 2010)

Section I: GENERAL	Information
1.1 Name & Address of the Institution:	Shri Sant Gajanan Maharaj College of Engg., Shegaon-444 203, Dist-Buldhana, Maharashtra
1.2 Year of Establishment:	1983
1.3 Current Academic Activities at the Institution (Numbers):	
• Faculties/ Schools:	Two
• Departments/ Centres:	07
• Programmes/ Courses offered:	5 (UG) + 3 (PG)
• Permanent Faculty Members:	68
• Permanent Support Staff:	126
• Students:	1811
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> • Institution in a rural area • 27 year old institution thriving to provide quality technical education • Motivated young faculty and non-teaching staff support the institution
1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	19-21 March 2010 (visit schedule enclosed)
1.6 Composition of the Peer Team which undertook the on- site visit:	
Chairman	Prof. A. Sridharan
Member	Prof. Jacob Philip
NAAC Officer	--

Section II: CRITERION WISE ANALYSIS	Observations (Strengths and/or Weaknesses) on Key-Aspects (Please limit to three major ones for each and use telegraphic language (It is not necessary to indicate all the three bullets each time; write only the relevant ones)
2.1 Curricular Aspects:	
2.1.1 Curricular Design & Development:	<ul style="list-style-type: none"> • Curricular design done by the university • Some of the senior faculty members are members of the BOS. They can influence curricular design
2.1.2 Academic Flexibility:	<ul style="list-style-type: none"> • Limited and constrained, being an affiliated college • Electives option available to students
2.1.3 Feedback on Curriculum	<ul style="list-style-type: none"> • Feedback collected from students and alumni • Corrective measures based on feedback need improvement • Feedback from employers need to be strengthened
2.1.4. Curriculum Update	<ul style="list-style-type: none"> • Curriculum update done by the affiliating university • Being affiliated institution, not enough scope for curriculum update • Faculty who are BOS members update the curriculum to some extent • Faculty members prepare teaching plans and course outliens
2.1.5 Best Practices in Curricular Aspects (If any):	<ul style="list-style-type: none"> • Topics out side the syllabus are also covered

2.2 Teaching-Learning & Evaluation:	
2.2.1 Admission Process and Student Profile	<ul style="list-style-type: none"> • Admission process done through advertisement • Merit based admission carried out even for management seats
2.2.2 Catering to the Diverse Needs:	<ul style="list-style-type: none"> • Students are encouraged to participate in co-curricular activities • Reservation policies are as per government norms • Mentoring system does not exist for slow learners
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none"> • Academic planner and calender well maintained • Modern educational technology reasonably well utilized • Tutorials could be more effective

2.2.4 Teacher Quality:	<ul style="list-style-type: none"> • Efforts need to be made to appoint qualified teachers at senior level • Sufficient number of Ph.D, qualified candidates need to be appointed and supported • Appointment of faculty with consolidated salary need to be discouraged
2.2.5 Evaluation Process and Reforms:	<ul style="list-style-type: none"> • Continuous evaluation and monitoring of student progress adequate • Student grievances regarding evaluation results need to be addressed • Appropriate methodology to be adopted for student progress to be communicated to parents
2.2.6 Best Practices in Teaching-Learning and Evaluation (If any):	<ul style="list-style-type: none"> • College organizes guest lectures • Internal evaluation system of the college is fully computerized
<i>2.3 Research, Consultancy & Extension:</i>	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> • College has established a separate center for promoting research • Present workload of faculty need to be reduced so as to enhance research activity • Sponsored research need to be strengthened
2.3.2 Research and Publications Output:	<ul style="list-style-type: none"> • Good publications come out of some departments • Research publications in international journals could be better • The quality of research done in the college needs improvement • A few patents have been filed
2.3.3 Consultancy:	<ul style="list-style-type: none"> • Limited consultancy activities exist • Earnings from consultancy could be substantially enhanced. • More departments can get involved in consultancy work.
2.3.4 Extension Activities:	<ul style="list-style-type: none"> • Extension activities in neighboring schools have been carried out • NSS/NCC activities are encouraged for the students • Number of community development activities are organized with student participation
2.3.5 Collaborations:	<ul style="list-style-type: none"> • College has collaboration with industries as a part of industrial visits • Benefits of collaboration is not visible in the college

2.3.6 Best Practices in Research, Consultancy & Extension (If any):	<ul style="list-style-type: none"> • An independent research center with enough investment has been established recently •
2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities for Learning:	<ul style="list-style-type: none"> • Sufficient physical facilities have been created in the college • Enough space is available for classrooms and laboratories • Infrastructure facilities have been created for co-curricular activities such as sports, IEEE, ISTE etc. • Residential institution providing campus accommodation to about 85% of the faculty, students and supporting staff
2.4.2 Maintenance of Infrastructure:	<ul style="list-style-type: none"> • Enough budget allocation for maintenance of infrastructure is provided • Separate maintenance department exists apart from building construction department • Buildings and the campus are well maintained and kept clean.
2.4.3 Library as a Learning Resources	<ul style="list-style-type: none"> • Library has an advisory committee to ensure effective utilization of the library • Library is housed in a separate building with all necessary facilities • More budget allocation for the library is desirable
2.4.4 ICT as Learning Resources:	<ul style="list-style-type: none"> • Availability of computers in the college is adequate • Internet speed is low • Computer aided teaching practices need to be enhanced
2.4.5 Other Facilities:	<ul style="list-style-type: none"> • Good hostel facilities for both boys and girls available with 100% occupancy • Enough recreational facilities • Effective back up power supply is available
2.4.6 Best Practices in the development of Infrastructure and Learning Resources (If any):	<ul style="list-style-type: none"> • Residential college with all amenities for learning • Students are encouraged to take part in various extra-curricular activities
2.5 Student Support and Progression:	
2.5.1 Student Progression:	<ul style="list-style-type: none"> • Government norms fully followed in reservation • Extra classes offered for weaker students as and when required • Extra efforts required to motivate students to go for higher studies

2.5.2 Student Support:	<ul style="list-style-type: none"> • Limited scholarships and freeships provided to economically weaker students • Placement record is quite good • Campus is safe for everybody, especially ladies, at all times
2.5.3 Student Activities:	<ul style="list-style-type: none"> • College encourages students to participate in cultural activities • Sports and games competitions are organized at college, university and state levels • Activities with professional bodies could be made better
2.5.4 Best Practices in Student Support and Progression (If any):	<ul style="list-style-type: none"> • An alumni association exist, and interaction with alumni is effective • Students are quite successful in college/ university level sports/ games competitions
2.6 Governance and Leadership:	
2.6.1 Institutional Vision and Leadership:	<ul style="list-style-type: none"> • Institution has realistic goals and vision • Has detailed plans with a number of objectives • Management is committed to the growth of the institution
2.6.2 Organizational Arrangements:	<ul style="list-style-type: none"> • Institution has clarity in its organizational set up • Centralization of administration need to be made more effective • Meeting of management with staff should be more frequent
2.6.3 Strategy Development and Deployment:	<ul style="list-style-type: none"> • Every department comes up with its plan for year long activity • A number of committees exist for various purposes • Effective implementation of the strategy development need to be more aggressive
2.6.4 Human Resource Management:	<ul style="list-style-type: none"> • There is self appraisal by faculty members • Welfare measures like GPF credit co-operative society, basic medical treatment etc. are available
2.6.5 Financial Management and Resource Mobilization:	<ul style="list-style-type: none"> • Essentially a self-financing institution • Management supports the institution with extra allocation as and when required • Resource mobilization from other sources is limited
2.6.6 Best Practices in Governance and Leadership (If any):	<ul style="list-style-type: none"> • A good number of faculty members are involved in the governance of the

	institution
2.7 Innovative Practices:	
2.7.1 Internal Quality Assurance System:	<ul style="list-style-type: none"> • Institution is certified as ISO 9001:2000 institution • IQAC Cell exist in the institution • Most of the academic programs are repeatedly accredited by NBA
2.7.2 Inclusive Practices:	<ul style="list-style-type: none"> • College practices recruitment of non-teaching staff from disadvantaged groups of the community • Schemes meant for tribal students are implemented • In every aspect gender equality is maintained
2.7.3 Stakeholder Relationships:	<ul style="list-style-type: none"> • Institution has good academic ambience • Placement record is a good indicator of satisfaction of parents and students • Feedback from employers need to be obtained and effectively utilized. • Efforts to recruit and retain faculty need to be strengthened.

Section III: OVERALL ANALYSIS	<i>Observations (Please limit to five major ones for each and use telegraphic language) (It is not necessary to denote all the five bullets for each)</i>
3.1 Institutional Strengths:	<ul style="list-style-type: none"> • Institution has well maintained infrastructural facilities • The results are reasonably good with few university ranks every year • Fully residential institution • Faculty and supporting staff provide good support and co-operation • Placement record of the institution is good • Institution catering to rural population
3.2 Institutional Weaknesses:	<ul style="list-style-type: none"> • Limited number of senior faculty members • Only limited number of faculty with doctorate degree • Percentage of temporary faculty is high • Research activities and quality of research are weak • Opportunities for consultancy are not exploited
3.3 Institutional Opportunities:	<ul style="list-style-type: none"> • Institution has scope for introducing more P.G. programs and Ph.D. • Organizing entrepreneurship and skill development programs for students • Scope for professional management approaches in academic matters • Pro-active research and consultancy activities with neighbouring institutions and

	industries <ul style="list-style-type: none"> • Enhance academic collaboration with neighbouring institutions and industries.
3.4 Institutional Challenges:	<ul style="list-style-type: none"> • Attraction of Ph.D. qualified faculty members at all levels and retaining them • Introduction of modern management practices • Modernization of laboratories, including computers • Enhancement of the culture of ICT as tool for teaching and learning processes • Up gradation of existing faculty and non-teaching staff with appropriate training • Motivating students to take up higher studies.

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to *ten major ones* and use telegraphic language)

(It is not necessary to indicate all the ten bullets)

- R&D and Consultancy activities are to be strengthened significantly
- Publications in international journals and patents to be encouraged with incentives.
- Organize entrepreneurship and skill and development programs for students
- More exposure of teachers and students to industries and to the recent development in technologies
- More funding for the library is recommended
- Pure Sciences Departments need to be strengthened with additional funds and qualified faculty for research activities
- Ph.D. fellowships be introduced to promote research
- Strengthen inter-departmental collaboration in teaching and research
- Efficient exploitation of alumni spread around the country for the overall development of the college.

I agree with the Observations of the Peer Team as mentioned in this report.



Signature of the Head of the Institution

PRINCIPAL

Shri Sant Gajanan Maharaj

College of Engg. Shegaon

Seal of the Institution

Signatures of the Peer Team Members:

Name and Designation		Signature with date
Prof. A Sridharan	Chairman	
Prof. Jacob Philip	Member	21/3/10
	Member	

Place: Shegaon - 444203, [M.S.]

Date: 21/03/2010