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PEER Team Report on Institutional Re-accreditation of SSES Amravati's Science College, Nagpur

PEER TEAM REPORT

ON

INSTITUTIONAL

RE-ACCREDITATION

OF

**Shri Shivaji Education Society Amravati's
Science College, Nagpur**

Peer Team Visit on

18-20 January, 2016


**National Assessment and Accreditation Council
Bangalore**


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**PEER TEAM REPORT ON INSTITUTIONAL REACCREDITATION OF
Shri Shivaji Education Society Amravati's Science College, Nagpur**

Section -I. GENERAL		Information
1.1	Name & Address of the Institution	Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur - 440012
1.2	Year of Establishment	01.07.1967
1.3	Current Academic Activities at the Institution (Numbers):	
	Faculties:	01 (Science)
	Departments:	12
	Programmes/Courses offered	16
	Permanent Faculty Members:	38
	Permanent Support staff	11+43 (Administrative+ Technical)
	Students:	1756
1.4	Three major features in the institutional context (As received by the Peer Team)	<ul style="list-style-type: none">• Legacy of founder president Dr. Bhausaheb Deshmukh is associated with College• A fast growing co education college with impressive number of Girls students
1.5	Dates of visit of the Peer Team (A detailed visit scheduled may be included as Annexure)	18-20 January, 2016
1.6	Composition of the Peer Team which undertake the on-site visit	
	Chairperson	Prof. V.P. Singh Pro-Vice Chancellor Department of Plant Science, Mahatma Jyotiba Phule Rohilkhand University, Bareilly, U.P.
	Member Coordinator	Prof. S.N. Bhat Coordinator (POCE) Jawaharlal Nehru Centre for Advance Scientific Research Jakkur, Bangalore
	Member	Prof. (Dr) Bhavesh Patel Principal V.P. and R.P.T.P. Science College VallabhVidyanagar Anand, Gujarat
	NAAC officer	Dr. Ganesh Hegde, Deputy Adviser, NAAC


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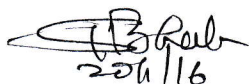
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Section –II. CRITERION WISE ANALYSIS		OBSERVATION
2.1	Curricular Aspects:	
2.1.1	Curriculum planning and implementation	<ul style="list-style-type: none">• Academic programmes are in tune with the goals and objectives and being an affiliated college it follows the curriculum of the RTM Nagpur University.• Few faculty members were in BoS of different subjects at University level.• Curriculum of certificate courses is designed by the faculty.
2.1.2	Academic flexibility	<ul style="list-style-type: none">• UGC sponsored COC and other add-on certificate courses are in place.• Semester system at UG and PG level has been recently introduced by University.• CBCS is introduced recently at PG level by University.
2.1.3	Curricular Enrichment	<ul style="list-style-type: none">• College conducts various programmes to inculcate moral and ethical values, personality development, soft skill training.• Add-on certificate courses are available.
2.1.4	Feedback System	<ul style="list-style-type: none">• Structured feedback system for curriculum exists.• Collection and analysis methodology needs improvement.
2.2	Teaching, Learning and Evaluation:	
2.2.1	Student Enrollment and profile	<ul style="list-style-type: none">• Admission process is made public through website, prospectus, Notice boards etc.• Statutory reservation policy followed.• Comparatively meritorious students are admitted to the College.
2.2.2	Catering to the diversity	<ul style="list-style-type: none">• Facilities for differently able students are available.• Teacher- student mentoring system has been initiated• Scholarships are provided to meritorious students of different community.


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2.2.3	Teaching Learning Process	<ul style="list-style-type: none">• College prepares the academic calendar at the outset of the academic year and implemented effectively.• Lecture method predominantly used and supplemented by ICT methods.• Laboratory projects at PG level/ industrial visits/ seminars/ study tours are part of the learning process.
2.2.4	Teacher Quality	<ul style="list-style-type: none">• Many faculty members attended refresher/ orientation courses and regularly attended/ presented research papers at conferences/ seminar.• 80% of the permanent faculty members hold Ph.D. with 01 DSC as highest qualification. Majority of them are recognized research guide.• Large numbers of temporary faculty members are appointed with PG as highest qualification with 04 faculty having NET/SLET.
2.2.5	Evaluation Process and Reforms	<ul style="list-style-type: none">• Examination and evaluation methods are communicated to the students at the beginning of the academic year.• Grievances related to evaluation are addressed at both college and University level.• Evaluation reforms suggested by the University are adopted by College.
2.2.6	Student Performance & Learning Outcomes	<ul style="list-style-type: none">• Good pass percentage in many UG and PG programme.• Some students were awarded medals and prizes in University examination.• Academic audit is in place for monitoring performance.
2.3	Research Consultancy & Extension	
2.3.1	Promotion of Research	<ul style="list-style-type: none">• Institutional research committee is in place.• Study leave /duty leave for field


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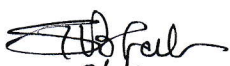

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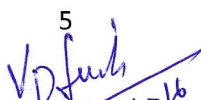
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		<p>work and research work is provided</p> <ul style="list-style-type: none">• Research oriented seminar/ conferences/workshops are organized.
2.3.2	Resource Mobilization for Research	<ul style="list-style-type: none">• Research grant close to Rs. 2 cr. is generated through research projects.• College has received a special grant under CPE• College facilitates research by providing advance against sanctioned projects.
2.3.3	Research facilities	<ul style="list-style-type: none">• Laboratories and library are up to mark for research.• Modernization/ upgradation of research facilities to continue.• Collaborative research may be enhanced.
2.3.4	Research Publication and Awards	<ul style="list-style-type: none">• 433 papers have been published by the faculty members and 233 publications in conference proceedings.• 38 books are published by 18 faculty members.• Few faculty members have received awards for Papers presented.
2.3.5	Consultancy	<ul style="list-style-type: none">• Policy for the consultancy in terms of sharing revenue is in place.• Some revenue is generated through consultancy.• Faculty potential can be explored further.
2.3.6	Extension Activities and Institution Social Responsibility	<ul style="list-style-type: none">• Budgetary provision for extension and outreach programme is made• College has active NSS units for both boys and girls.• College has close working relationships with NGOs, and local administration for their extension activities.• Few students participated in RD parade, YEP.
2.3.7	Collaboration	<ul style="list-style-type: none">• College has organizes few international and national


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		<p>conferences in collaboration with other institutions.</p> <ul style="list-style-type: none">• Research activities must be strengthened through collaboration.
2.4	Infrastructure and Learning Resources	
2.4.1	Physical facilities for learning	<ul style="list-style-type: none">• The college has 03 acres green Campus with a total built up area of 13438 Sq. mt.• Shared play ground, indoor sports, gymnasium is in place.• 27 class rooms, 01 seminar hall, 01 conference hall exist which is shared with junior college.• Separate girl's hostel exists.
2.4.2	Library as Learning resource	<ul style="list-style-type: none">• The central library houses 33664 books.• Library is automated with the help of OPAC and bar code technology.• Library committee is in place.
2.4.3	IT Infrastructure	<ul style="list-style-type: none">• Total number of computers available is 317• Wi-Fi is available• Video conference facility, smart classroom, CCTV surveillance is available.
2.4.4	Maintenance of Campus Facility	<ul style="list-style-type: none">• Budgetary provision is made for Maintenance• Annual Maintenance Contract for computers, research equipments, ACs, Water purifier, generator, lift is given.• Neat and clean campus is maintained.
2.5	Student Support and Progression	
2.5.1	Student Mentoring & Support	<ul style="list-style-type: none">• State Government scholarship and College Scholarships are available• College has a Grievance Redressed mechanism in place for students• Anti Sexual Harassment and anti ragging cells are in place• Placement cell and coaching for competitive exam cell needs strengthening.


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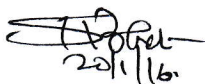
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2.5.2	Student Progression	<ul style="list-style-type: none">• UG to PG progression is substantial (70%)• College results are always higher than University average results.
2.5.3	Student Participation and Activities	<ul style="list-style-type: none">• College encourages participation of students in co curricular and extracurricular activities.• College publishes annual magazine, wall magazine, thought of the day etc.• Statutory student council exists. Students are involved at various levels.• Student participated at international level in throw ball.
2.6	Governance and Leadership	
2.6.1	Institutional Vision and Leadership	<ul style="list-style-type: none">• Mission and Vision statements define the objective of the college• Governance of the college is effective• Institute believes in participative management under the able guidance of Principal.
2.6.2	Strategy development and deployment	<ul style="list-style-type: none">• LMC of the College plays a vital role in formulating and implementing the policies.• College recognizes the Principal/ teachers/ non teaching staff by way of awarding them.• Perspective plan and performance appraisal system exist.
2.6.3	Faculty Empowerment Strategies	<ul style="list-style-type: none">• Academic freedom is provided to the faculty.• Employee's credit co-operative society is functioning.• Fee concession is provided to the ward of staff members.


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2.6.4	Financial Management and Resource Mobilization	<ul style="list-style-type: none">• The college utilizes the grant received from state government, UGC and fee collected from the students judiciously.• Accounts are audited.• Sound financial condition with a corpus of 3.42 cr. Exist.
2.6.5	Internal Quality Assurance System	<ul style="list-style-type: none">• Proactive IQAC is in place• College is associated with APQN. SAAC is an initiative to monitor and mentor the growth of the organization.• IQAC may ensure representation from NGOs/ district administration etc.
2.7	Innovation and Best Practices	
2.7.1	Environment Consciousness	<ul style="list-style-type: none">• The College takes efforts to maintain the green lung of the campus through tree plantation• Roof top farming, waste management, water harvesting are practiced
2.7.2	Innovation	<ul style="list-style-type: none">• Recognition of best teacher/ best researcher/best service(non teaching staff)/best library user/ best student
2.7.3	Best Practices	<ul style="list-style-type: none">• Soil less roof top organic farming• Residential INSPIRE camp to create awareness about future in basic sciences.


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Section -III. OVERALL ANALYSIS		Report
3.1	Institutional Strengths	<ul style="list-style-type: none">• College is strategically located• Able administrative support• Student centric support system• Impressive academic ambience
3.2	Institutional Weakness	<ul style="list-style-type: none">• High number of temporary faculty members with PG as their highest qualification.• About 50% of the faculty positions are vacant• Placement is not very impressive
3.3	Institutional Opportunities	<ul style="list-style-type: none">• To tap the resources through alumni• Revenue generation through research grants• Research publications in science citation indexed journal• Increase the industry interaction• Cross registration of students for add-on certificate courses• Conducting more national and international seminars/conferences
3.4	Institutional Challenges	<ul style="list-style-type: none">• Attracting meritorious students for UG and PG programme• Achieving excellence in research and consultancy• Revenue generation to match growth and development• Getting experienced faculty in emerging areas• Motivating teachers for research and consultancy


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Section -IV. Recommendations for Quality Enhancement of the Institution	<ul style="list-style-type: none">• Attempt to be made to fill up the vacant position.• Teachers even in temporary position should have UGC qualifications.• To go for academic autonomy• Financial assistance is to be provided to teachers to start research.• Microbiology laboratory needs to be expanded• Focus on quality research required.• Organize more Seminar/ Symposia/ Conference/Workshops/ FDP• Boys NCC, Gymnasium is to be established• Separate cell for preparing students for competitive exam is to be initiated.• Consultancy is an area which needs to be strengthened.• Canteen, indoor games, gymkhana facilities must be expanded• Add-on courses like value addition, soft skill can be initiated
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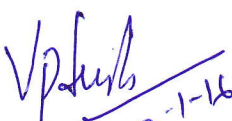
I agree with the Observations of the Peer team as mentioned in this Report.

Seal of the Institution



20.01.2016




Signatures of the Peer Team Members:


Prof. V.P. Singh 20-1-16

Chairperson


20/1/16
Prof. S.N. Bhat

Member coordinator


Prof. (Dr) Bhavesh Patel 20/1/16

Member

Place: Nagpur

Date: 20/01/2016