



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		SHRI SHIVAJI MAHAVIDYALAYA BARSHI
Name of the head of the Institution		Dr P R Thorat
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02184222382
Mobile no.		9767131206
Registered Email		ssmb_barshi@rediffmail.com
Alternate Email		pawareng@rediffmail.com
Address		Shri Shivaji Mahavidyalaya Barshi
City/Town		Barshi
State/UT		Maharashtra
Pincode		413411
2. Institutional Status		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr S D Pawar
Phone no/Alternate Phone no.	02184222382
Mobile no.	9834781866
Registered Email	ssmb_barshi@rediffmail.com
Alternate Email	pawareng@rediffmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.ssmbarshi.org/static/Dwnfiles/AQAR_Report2018-19.pdf
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4. Whether Academic Calendar prepared during the year

if yes,whether it is uploaded in the institutional website: Weblink :	Yes https://www.ssmbarshi.org/static/Dwndiles/Ac_Calender2019_20.pdf
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5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	A	3.14	2019	11-May-2019	10-May-2024
2	A	3.10	2012	15-Sep-2012	14-Sep-2017
1	B+	78.20	2004	16-Sep-2004	15-Sep-2009

6. Date of Establishment of IQAC

25-Jun-2005

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Sparksprout pharma training	12-Mar-2020 1	70
Disaster management and laboratory safety workshop	20-Feb-2020 1	227
Star College Review	16-Apr-2020 2	950
NIRF	18-Oct-2019 1	50
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
FIP	FIP	UGC	2020 365	114253
Shri Shivaji Mahavidyalaya Barshi	Seminar	Solapur University	2020 4	30000
Chemistry, Microbiology, Zoology, Physics, Electronics, Botany	DBT Star College	DBT	2020 365	1174584
PDF	WOS	DST	2020 365	326456
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1) DBT week 2) Organization of various trainings 3) Introduction of new certificate courses 4) NIRF participation 5) Organization of guest lectures

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To introduce new courses	Five certificate courses introduced and applied for two PG courses
To organize various trainings, workshops, seminars etc	Organized trainings, workshops, seminars for students and staff
To apply for RUSA	Applied to RUSA for construction of boys hostel and laboratory
To organize guest lectures	Guest lectures of reknowned persons organized
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development committee	20-Nov-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

16-Jul-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

1) Students record monitored through MKCL software 2) Staff record monitored and updated through google forms and API/PBAS forms 3) Financials are monitored and updated through SUN software

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The college, affiliated to Solapur University, Solapur, follows the curriculum prescribed by the university. It also follows the academic calendar and imparts quality education depending upon the resource potentiality of the institution. It consists of curricular, co-curricular and extracurricular activities for effective implementation and delivery of curriculum in each academic year. The institution has developed a structured and effective implementation of the curriculum. Following are the various means through which college executes the curriculum. 1. Departmental Meetings: Departmental meetings are held regularly. They play an important role in planning the curriculum delivery and providing a platform to discuss the course contents, yearly planning, maintaining teachers' diaries, solving the difficulties in delivering the content, finalizing the quality objectives and preparing of the assessment methods. 2. Academic Calendars: Academic calendar is prepared by IQAC in consultations with HODs at the beginning of the academic year and distributed to the departments to plan and implement the departmental activities. 3. Distribution of Workload and Syllabus: The workload is distributed at the beginning of the year. This practice helps the administration to assess and monitor the teaching- learning process. The syllabus is distributed among the teachers as per the classes and papers in departmental meetings. 4. Time Table: The timetable is finalized at the institutional and departmental level. The stream wise timetable committee designs the time-table for arts and science stream. The Heads of the respective departments finalize the departmental time-table in consultation with their colleagues. 6. Teaching Plan: The teacher prepares the teaching plan, and the concerned Head of the Department checks the plan. The teaching plan not only helps the teacher to plan the curriculum delivery in time but also reflects the use of innovative teaching methods such as ICT, participative and experiential teaching, etc. 7. Implementation of Teaching Plan: The teachers' teaching plan is supervised periodically, and the heads of departments guide the faculty if there are difficulties and requirements in carrying out the teaching plan. The lesson plan provides an insight on how the course is delivered in each academic year. This practice creates a healthy atmosphere in the departments. 8. Reporting to the principal about Teaching - Learning progress: The Head of the Department informally discusses with the principal about the progress of the teaching learning at the end of every semester. The teachers' personal diaries are assessed regularly by the respective heads and coordinators of the each faculty. The HODs also discuss the performance of the students, new teaching learning strategies and evaluation methods used in the department. 9. Internal Examinations: Internal Examinations Committee prepares the time table and conducts the exams accordingly. Unit tests, seminars, quiz etc are also conducted to strengthen the teaching learning process. 10. Monitoring by IQAC: The Internal Quality Assurance Cell and Faculty coordinators monitor the overall process through the collection of feedback from students and conducting regular meetings. The IQAC follows positive approach to make sure that the difficulties in the curriculum delivery are identified and rectified in due time.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
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fermentation technology	Nil	15/07/2019	180	Entrepreneurship	Practical skills related to fermentation technology
vermicomposting	Nil	01/08/2019	180	Entrepreneurship	Practical skills related to vermicomposting
Agricultural food products	Nil	23/07/2019	180	Entrepreneurship	Practical skills related to agricultural food products
Fundamentals of Electrocardiogram	Nil	02/08/2019	180	Entrepreneurship	Practical skills related to electrocardiogram
PCB designing and prototype machine making	Nil	29/07/2019	180	Entrepreneurship	Practical skills related to PCB designing
Soil and water analysis	Nil	08/07/2019	180	Entrepreneurship	Practical skills related to Soil and water analysis

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Botany, Chemistry, Zoology, Microbiology Mathematics statistics Physics electronics computer Science	15/11/2018
BA	Marathi Hindi English Economics History Political science Geography Music Physical	15/06/2018

	education	
MA	Marathi, Hindi, English, Economics, History, Political science, Geography	15/06/2018
MSc	Chemistry, Microbiology, Physics	15/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	120	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
certificate course in fermentation technology	15/07/2019	20
certificate course in vermicomposting	01/08/2019	20
certificate course in agricultural food products	23/07/2019	20
certificate course in fundamentals of electrocardiogram	02/08/2019	20
certificate course in PCB designing and prototype machine making	29/07/2019	20
certificate course in Soil and water analysis	08/07/2019	20
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	chemistry	15
BSc	Microbiology	26
BSc	Physics	13
BSc	Zoology	8
BSc	Botany	2
BSc	Electronics	6
MSc	Chemistry	23
MSc	Physics	13
MSc	Microbiology	24
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

Feedback Analysis Report 2019-20: Feedback about the teaching staff and Course work, Administration etc. was obtained randomly from 372 students at the end of academic year 2018-19. It was analyzed by the Department of Statistics by using the Mean method. The students were asked not to write their names on the feedback form so that they can give their feedback honestly and without any botheration. The questions in the feedback form were about facilities available in the college, course work, the punctuality of the teacher, the subject knowledge of the teacher, his method of teaching, his manner of handling the students etc. The scale of judging the teacher was from excellent to poor. After the analysis of the feedback forms, we are proud to say that above 80 teachers of our college have been graded as excellent, very good, good, and satisfactory. College administration, acting upon the feedback analysis, gave instructions and suggestions to those teachers who needed improvement in their academic performance.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	I Year	600	372	372
BA	II Year	480	200	200
BA	III Year	360	203	203
BSc	I Year	360	366	366
BSc	II Year	360	277	277
BSc	III Year	240	254	254

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1672	347	20	0	39

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
59	59	42	8	1	125
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

2.3.2 Students mentoring system available in the institution give details (500 words) 1. Objectives of practice: Shri Shivaji Mahavidyalaya, Barshi has students mentoring system based upon to identify and clarify student-teachers personal and professional goals. It helps to encourage student-teachers to face challenges with greater ease and confidence. It is helpful to organize various co-curricular activities through group activities. It is helpful to improve teacher-student relationship. It helps them to get back on track when distracted. It helps to counsel students and interact with them. It is helpful to guide student-teachers to choose right career path in their life. It is useful to improve the quality of life of student-teachers in many respects. 2. Context- To develop critical thinking, creativity and scientific temper among students, different practices are adopted in the college. The faculty has adopted the innovative teaching approaches/methods by using ICT. Solving numericals and case studies Home assignments The seminars are also taken by the students on the topic of their choice. Projects are assigned to students on the topic of their interest. Participation in Research Festival Avishkar and other competitions like Microlympiad ,Karmveer Talent Search Exam, Gandhi foundation examination etc. Mentoring is a process of the faculty to assist the student-teachers to develop specific skills and knowledge which is a professional relationship. There is a Diary-Group and House system in our college for the student-teachers of B.A., B.Sc., M.A and M.Sc. Courses. We provide required guidance for student-teachers in Diary-Group. Mentor tries to understand and clarify the problems of student-teachers. We conduct various cultural and sports activities on the basis of this platform for the all-round development of student-teachers. The mentor provides an empathic ear to student-teachers concerns. It helps to introduce stress management techniques and acquiring more efficient study routines. The majority of the student-teachers are not matured enough to take their own decision. The mentorship programme of the institute guides and counsels the student-teachers in academic and non-academic matters. 3. The Practice: The task of the faculty mentor is to guide and help the student-teachers in their academic and non-academic related problems. It is helpful to streamline them in career oriented plans for their development. The task is to help the student-teachers to develop in all aspects of their life i.e. both academic as well as non-academic issues. The task of the corporate mentor is to guide the student-teachers for their placement activities. Mentors meet with each group regularly to discuss academic and non-academic issues. The college facilitates the teaching-learning process by providing internet and Wi-Fi facilities. LCDs, software, laptops, educational CDs, e-books/journals, language laboratory and modern equipment in the laboratories are made available to the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2019	59	1 : 34

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
81	59	22	0	35

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. U.R. Ghodake	Associate Professor	Appriciation Award Central Board

			Taxes Govt. of India
2020	Dr. K.K. Sathe	Associate Professor	Received Ph.D. Degree in English from PAHS University, Solapur
2020	Dr. S. C. Mane	Assistant Professor	Received Ph.D. Degree in English from PAHS University Solapur
2019	Dr. Mrs. S.M. Kabbur	Associate Professor	Received Ph.D. Degree in Physics from PAHS University, Solapur
2020	Dr. D.K. Jamale	Associate Professor	Received Ph.D. Degree in Chemistry from Shivaji University, Kolhapur
2019	Dr. P. M. Lawand	Assistant Professor	Received Ph.D. Guieship in Political Science from PAHS University, Solapur
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	Nill	Sem-IV	01/05/2020	01/11/2020
MSc	Nill	Sem-II	01/05/2020	31/10/2020
MA	Nill	Sem-IV	01/05/2020	31/10/2020
MA	Nill	Sem-II	01/05/2020	31/10/2020
BSc	Nill	Sem-VI	01/05/2020	31/10/2020
BSc	Nill	Sem-IV	01/05/2020	05/11/2020
BSc	Nill	Sem-II	01/05/2020	05/11/2020
BA	Nill	Sem-VI	01/05/2020	31/10/2020
BA	Nill	Sem-IV	01/05/2020	05/11/2020
BA	Nill	Sem-II	01/05/2020	05/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Shri Shivaji Mahavidyalaya, Barshi, affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur, adheres to the syllabus prescribed by the University. We follow guidelines laid down by UGC and the University to carry out a continuous internal evaluation system at college level. Our college has

the proper mechanism to reform initiatives for Continuous Internal Evaluation at the institutional level. This allows the students to ensure the timely understanding of each concept. At the beginning of each semester, the students are given the syllabus in detail by discussing its scope. A detailed discussion about the topic in hand is conducted giving students a clear understanding of what is expected. After teaching the syllabus topic in detail, students are informed about the unit tests through a notice well in advance. The objective type questions raised in the class help the students to increase their knowledge of the subject. The questions given are mapped with course outcomes.

In addition to unit tests, home assignments and mid-term examinations are conducted as a part of college assessment. These tests allow the teachers to continuously assess the students to track their progress and to identify slow and advanced learners. Evaluation is done both in theory and practical examinations. The assessment remains impartial and accurate. The students are given feedback about their performance and suggestions are given for their improvement. Recently, the Google Classroom has been introduced by some departments and students are invited to join it. The study material and questions related to the subject are posted on this classroom for students. Students' queries posted on the Google Classroom are answered by the faculty that increases students' knowledge of the subject. Moreover, all departments have made compulsion to students to participate in various activities like seminars, workshops, study tours, field visits etc. The students' laboratory performance is examined by conducting internal laboratory tests. Before the commencement of the university examination, preparatory examinations and question paper solving sessions are conducted to boost the students' confidence. During regular practical the students are also prepared and asked for the oral examinations, and the journals of students are assessed regularly by the teachers. For some subject students undertake the projects and the progress of the students is evaluated by mentors regularly. Students get a chance to improve themselves through this continuous evaluation system before appearing for the university examinations. Dates of the University Examinations are displayed in the showcase well in advance. To conduct the University Examinations in fair atmosphere, the internal squad takes ample efforts. University results of our students clearly indicate that course and programme outcomes have been achieved. Every year, some students of our college secure their position in the University merit list. Our university results are the result of our continuous evaluation system. The faculty (mentor) regularly interacts with the assigned student-teachers to access and monitor the progress of each student-teacher and the same is communicated to the parents.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

2.5.2. Academic Calendar prepared and adhered for conduct of Examination and Other related matters. (250 words) Every year the academic calendar of the institution is prepared taking into account the activities to be performed throughout the year. The academic calendar comprises of the academic events of the college such as admission process, first and second term internal examinations, meetings of the various committees, university examinations etc. The tentative schedule of the internal examinations is also provided in the prospectus of the college. The continuous internal evaluation is carried out throughout the year as per the academic calendar. The separate schedules of internal examinations for UG and PG courses are prepared by the respective committees. The schedule of the internal examinations is displayed on the notice board well in advance to inform students and the faculty. The academic calendar is strictly followed but sometimes due to unavoidable reasons, if there are slight changes in the schedule of the internal examinations, the same are informed to the students well in advance. Term dates are given bellow.
Year-2019-20–First Term First Working Day–20-06-2019, Last Working

Day-22-10-2019 Second Term-First Working Day-14-11-2019, Last Working Day-01-05-2020 The schedule of the internal examinations conducted during the academic year 2019-20 UG-First Term Internal Exam Dates-from 09-09-2019 to 14-09-2019 PG- First Term Internal Exam Dates-from 31-09-2019 to 05-10-2019 UG-Second Term Internal Exam Dates-from 07-02-2020 to 12-02-2020 PG- Second Term Internal Exam Dates-from 11-3-2020 to 14-03-2020 Year First term internal Exam date Second term internal exam date 2019-20 (UG) 9/9/2019 to 14/9/2019 7/2/2020 to 12/2/2020 2019-20 (PG) 31/9/2019 to 5/10/2019 11/03/2020 to 14/3/2020

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.ssmbarshi.org/static/Dwndiles/PO_CO_SO.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Nill	BA	III	230	186	80.86
Nill	BSc	III	276	258	93.47
Nill	MA	Marathi	13	11	84.61
Nill	MA	Hindi	10	9	90
Nill	MA	English	25	22	88
Nill	MA	History	33	27	81.81
Nill	MSc	Microbiology	27	26	96.29
Nill	MSc	Chemistry	22	21	95.45
Nill	MSc	Physics	16	15	93.95

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.ssmbarshi.org/static/Dwndiles/sss1920.csv>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Interdisciplinary Projects	365	DBT New Delhi	69	11.74
Major Projects	365	DST New Delhi	25.08	3.26

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
PhD in Electronics	V D Bachuwar	PAH Solapur University	23/10/2019	Research scholar
University Avishkar festival	Nill	Nill	Nill	Nill
University Avishkar festival	Nill	Nill	Nill	Nill
PhD in Chemistry	D K Jamale	Shivaji University	21/11/2019	Teacher
PhD in Physics	S M kabbur	PAH Solapur University	23/10/2019	Teacher
PhD in English	S C Mane	Shivaji University	11/06/2019	Teacher
PhD in English	K K Sathe	PAH Solapur University	22/01/2020	Teacher
PhD in Marathi	S G Mule	PAH Solapur University	23/10/2019	Research scholar
PhD in Geography	T R Magar	PAH Solapur University	23/10/2019	Research scholar
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	0	0	Nill
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Marathi	1
Electronics	2
Geography	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if
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			any)
International	Physics	2	3.2
International	Chemistry	9	2.1
International	Microbiology	1	1.5
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	2
Physics	2
English	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Pristine and palladium-doped perovskite bismuth ferrites and their nitrogen dioxide gas sensor studies	Dr. S.D. Waghmare	Journal of King Saud University - Science	2020	8	Department of Physics, Shri. Shivaji Mahavidyalaya, Barshi, Solapur, India	8
Glycerol Mediated Synthesis, Biological Evaluation, and Molecular Docking Study of 4-(1H-pyrazol-4-yl)-polyhydroquinolines as Potent Antitubercular Agents	Dr. Dattatraya Jamale et. al	Journal of Heterocyclic Chemistry	2019	7	Chemistry Research Laboratory, Department of Chemistry, Shri Shivaji Mahavidyalaya, Barshi, Shivaji Nagar, Barshi, Maharashtra, India	7
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as
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					excluding self citation	mentioned in the publication
Pristine and palladium-doped perovskite bismuth ferrites and their nitrogen dioxide gas sensor studies	Dr. S.D. Waghmare	Journal of King Saud University - Science	2020	2	8	Department of Physics, Shri. Shivaji Mahavidyalaya, Barshi, Solapur, India
Magnetic interactions and electrical properties of Tb3 substituted NiCuZn ferrites	Dr. Sadhana Kabbur et. al.	Journal of Magnetism and Magnetic Materials	2019	4	22	Department of Physics, Shri. Shivaji Mahavidyalaya, Barshi, Solapur, India
Selective and sensitive liquid-liquid extraction and spectrophotometric determination of tellurium(IV) using sulfur containing reagent	Dr. S. H. Gaikwad et. al.	Chemical Data Collections	2019	2	9	Chemistry Research Laboratory, Department of Chemistry, Shri Shivaji Mahavidyalaya, Barshi 413401, Maharashtra, India
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	7	7	10
Presented papers	2	4	0	0
Resource persons	2	3	5	4
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood donation camps	NSS and NCC units	6	396
Blood group and haemoglobin check up camp	NSS and NCC units	6	396
Cleanliness drive around Barshi and places around college and institution	NSS and NCC units	6	396
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Certificate for volunteering	Letter of appreciation for volunteering	Indian Red Cross Society	119
Organisation of voluntary blood donation Camps	Letter of appreciation	IRCS, Shriman Rambhai Shah Blood Bnak, Barshi	121
Organisation of voluntary blood donation Camps	Letter of appreciation	Bhagwant Blood Bnak, Barshi	97
Organising NSS camp and volunteering by students	Letter of appreciation	Gram Panchayat Officer Shirale Village	105
NCC Cadet volunteering for Ganpati Festival and Traffice control	Letter of appreciation	Police Inspector, Barshi Police Station	57
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Shramsanskar Shibir at Shirale	NCC and NSS	NCC and NSS	6	105
Complete blood count (CBC) of girl student	NCC and NSS	NCC and NSS	4	246

Blood donation camp	NCC and NSS	NCC and NSS	6	218
Rally on Karmaveer Jayanti	NCC and NSS	NCC and NSS	50	450
Ek Bharat Shersht Bharat	NCC	NCC	1	10
Swachh Bharat Abhiyan	NCC and NSS	NCC and NSS	4	396
Voter awareness rally	NCC and NSS	NCC and NSS	4	236
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty exchange (Balasaheb Desai Study Center)	1	College	1
One Day workshop on Hands on Practice on Automatic PCB Making Machine	17	DBT Star College Scheme	1
DBT Science popularization programme "Science Fair 2020"	4	DBT Star College Scheme	2
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
sharing of research facilities	research	Shivaji University Kolhapur	15/09/2019	15/09/2019	2
sharing of research facilities	research	PAH Solapur University	07/01/2020	08/01/2020	2
sharing of research facilities	research	SRTM University Nanded	03/11/2019	03/11/2019	1
Training	Pharma Training	Sprout Pharma training	12/03/2020	12/03/2020	25

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Dr Patangrao Kadam Mahavidyalaya Sangli	10/06/2015	Research	1
Tata Institute of Social Sciences	13/06/2019	Research	74

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1600000	1537204

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
OPAC	Fully	OPAC	2016
DLRAC	Fully	DLRAC	2017
E-Granthalaya eG3 Rev.No. 31(National Information Centre, New Delhi)	Fully	Rev. No. 3	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	84912	7163928	2853	55034	87765	7218962

Reference Books	7194	1730013	325	110500	7519	1840513
Journals	88	135648	94	116299	182	251947
e-Journals	6000	5900	0	0	6000	5900
CD & Video	30	3000	0	0	30	3000
Others(specify)	10	5000	0	0	10	5000
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Sou.Gaikwad Sandhyatai Sampatrao	Botany	E-learning portal	20/06/2019
Dr.Shaikh Abdul Babulal	Chemistry	E-learning portal	20/06/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	156	98	30	3	6	12	13	100	20
Added	0	0	0	0	0	0	0	0	0
Total	156	98	30	3	6	12	13	100	20

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture capturing system, recording facility	https://www.ssmbarshi.org/static/Dwndiles/4.3.3.mp4

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities

293000

248675

3003712

2518423

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The College has a Local Management Council or College Development Committee that deliberates each year on the various infrastructural and academic needs of the college and allocates budget, keeping in view the requirements of all the stakeholders. Budgetary provision is made in the annual budget for the maintenance of physical, academic and support facilities. There is separate maintenance committee which looks after the maintenance of these facilities. Fire extinguishers are placed at appropriate places and they are replaced periodically. The demos regarding its use are given to staff and students for its prompt use. Laboratory (including computer laboratories): The College has 28 laboratories attached to various departments. Optimum utilization of laboratory resources is ensured by the faculty coordinators and heads of the departments. Every department maintains dead stock and accession registers, and these are verified every year by the head of the institution. Special provision is made for the storage of LPG outside the laboratories. Chemicals and glass wares are stored as per the standards specified by the suppliers. Library: Every year, the college constitutes a library committee consisting of the Principal as its Chairman, College Librarian as its Secretary, Vice Principals and Coordinators of Arts and Science faculties, senior teachers representing various departments. In the meeting of the committee, convened at the beginning of the academic year, the Librarian presents Annual Library Budget of various departments and committee deliberates on the budgetary allocations, evaluates the previous years library activities and proposes new services, acquisition of wherewithal etc., for the current year. Sports Complex: Shivshakti Ground, 8 lane 400 meter track and indoor stadium is managed by the Gymkhana and Physical Education department under the guidance of sports committee. This committee consists of the Principal, co-ordinators, Physical Director and other teachers. Facilities at Shivshakti ground are also made available to the GOs, NGOs and local community for sports purposes. Hostel: UGC funded Girls' hostel having intake of 320 is maintained through hostel committee. CCTV cameras are installed in this campus. Security guards and warden are available 24 hours in the campus. Hostel cleaning is done regularly through the concerned employee. Classrooms: The classrooms of the college are spread across the campus at different locations. For their optimum utilization the Arts faculty is run in the morning shift and Science faculty in the afternoon shift. The time-table is prepared before the commencement of each semester where class wise schedule is clearly stated. ICT based facilities are made available in ample. ICT facility is maintained by the Department of Computer Science. The classrooms are upgraded and maintained regularly. The college obtained a dedicated power line from the Electricity Board of Maharashtra State. Further, the college has also installed solar heaters and solar energy panels. To combat the challenges posed by periodic load shedding and black-outs, the college has set up power generator. The college has two wells and two bore-wells to provide sufficient and constant supply of water. College has also made available sufficient potable water through Municipal Corporation and aqua-mineral filter

<https://www.ssmbarshi.org/static/Dwndiles/Policy.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	Jijau Savitri Ramai Mahila Bal Vikas Samiti2	2	10000
Financial Support from Other Sources			
a) National	Government Scholarships	1754	7072286
b) International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language Lab	01/07/2019	46	Department of English
Remedial Coaching	01/07/2019	88	Department of Physics
Soft Skill Development	01/07/2019	52	Department of English
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Karmveer Competitive Examination Guidance Centre	208	Nil	0	0
2019	Career Counselling under DBT star college scheme	Nil	927	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	4

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus	Off campus

Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ICICI Bank	36	11	Nil	0	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc.	Chemistry	P.G. Center, Dr. BAMU, Osmanabad	M.Sc.
2019	1	B.Sc.	Chemistry	NIT, Sikkim	M.Sc.
2019	2	B.Sc.	Chemistry	Dr. D. Y. Patil. ACS College, Pune	M.Sc.
2019	2	B.Sc.	Chemistry	Dr. B. A. M. University, Aurangabad	M.Sc.
2019	4	B.Sc.	Chemistry	Desai College, Pune	M.Sc.
2019	3	B.A.	History	Shri Shivaji Maha vidyalaya, Barshi	M.A.
2019	15	B.A.	Political Science	Shri Shivaji Maha vidyalaya, Barshi	M.A.
2019	7	B.A.	English	Shri Shivaji Maha vidyalaya, Barshi	M.A.
2019	8	B.A.	Hindi	Shri Shivaji Maha vidyalaya, Barshi	M.A.
2019	4	B.A.	Marathi	Shri Shivaji Maha vidyalaya, Barshi	M.A.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	4
SET	9
GATE	4
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports: Cricket Camp for West Zone	University	50
Sports: Malkhamb Camp for All India Level	University	7
Sports: Kho-kho Camp for West Zone	University	12
Sports: Archery Competition	University	37
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Silver Medal-Wrestling	National	1	Nil	Nil	Atkale Abasaheb Bajirang
2019	Bronze-Wrestling	National	1	Nil	Nil	Swapnil Prabhakar Kashid
2019	Yoga-Men-Third	National	6	Nil	Nil	Team
2019	Yoga -Women-First	National	6	Nil	Nil	Team
2019	Indradhanushya 2019 Gondawan University, Gadchiroli 17th Maharashtra State Inter University Cultural Youth Festival	National	Nil	1	Nil	Kirti Bhahubali Nagarkar

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

5.3.2: Activity of Student Council representation of students on academic administrative bodies/committees of the institution Response: The Clause 99 (c) of Maharashtra Public University Act, 2016, clearly indicates the role of the Students' Council which is to protect the curricular, co-curricular, extra-curricular and the general interest of the students and also to promote welfare of the students. With this intention we form constitute Students' Council as per the Maharashtra University Act, 1994, Section 40 (2) (b) (v)/ Maharashtra Public University Act, 2016 and the Guidelines of Solapur University, Solapur. The Students' Council comprises of class wise students' representatives, NCC representative, NSS representative, Sports representative, Cultural representative and two ladies' representatives. These representatives elect the Secretary of the Students' Council, who represents the College at the University Students' Council. Activities of the Students' Council: The Students' Council contributes positively in solving the day today issues/problems of their classes about cleanliness, drinking water, canteen, library, office, hostel, examination section etc. It is necessary to bring these issues to the kind notice of the administration and get them solved. The common issues and grievances of the students are raised in the students' council meeting and solved. The students' council representatives act as volunteers for various conferences, seminars, workshops, gathering and any other programmes organized by the college. They also act as co-editors of the college Annual Magazine 'Shivyug'. The Students Council representatives along with the students actively participate in Governmental programs such as Swatch Bharat Abhiyan, Road safety Abhiyan, Water conservation, Tree Plantation, etc. The Students' Council promotes social issues by participating in initiatives like "Beti Bachao, Beti Padhao", Pulse Polio, Anti-addiction Rallies, Anti-superstition Rallies, HIV Awareness campaigns, Anti-Dowry programmes, Gram-Swatchata Abhiyan, etc. The Students' Council also organizes Blood Donation camps in the campus and also donates blood voluntarily as and when necessary. The Students' Council takes initiative in providing financial assistance to economically poor students by raising funds and it has donated the entire funds of annual gathering to families of farmers who committed suicide, draught affected etc. Role of Students' Council in Academic and Administrative Bodies: The chairman of Students Council is nominated on the College Development Committee, who actively participates in the decision making process of CDC. The Academic Calendar, Fees related to Add-on/Certificate/Diploma courses under autonomy, selection of uniform, working hours of Reading room, Fixation of monthly mess charges, etc. are finalized in the students' council meetings. Students' Council representatives are included in every committee, such as Discipline Committee, Sports committee, Cultural committee. The Students' Council members are nominated as members of the "Students' Suggestion Box Committee", to look into the suggestions and complaints of the students through "Suggestion Boxes". In this way, they help the administration for solving the problems and grievances in a democratic and participative manner.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni are the most loyal supporters and well-wishers of the institution. Alumni Association of our college is both registered as well as functional. It plays a crucial role in the overall development of the institution in many ways. Alumni are fund raising prospects. The purpose of an alumni association is to foster a spirit of loyalty to prompt the general welfare of our organization. Alumni association exists to support parent organizations. It

strengthens the ties between alumni and community and the parent organizations. The alumni association plays a vital role to shape the future of our college by representing the views of its members. Alumni networks can enhance recruiting efforts and boost the district image in community. Well informed alumni can be powerful ambassadors for their Alma matter in the civic and business community. Communication with alumni means we can keep them informed of our achievement and make them part of our institution future. Good alumni relations benefit alumni as well as institution. The alumni meet is an effort to convince the alumni to contribute in academics, research, infrastructure and extension for the overall development of institution. The further plan of the institutional development is put forth for the discussion the new projects. As a result of discussion, alumni get impressed and they contribute a lot by different ways. By considering importance of alumni in development of college, we formed alumni organization in 2014. Alumni organization is registered under Act 1860 (30.08.2014). Our alumni are very happy with the formation of alumni association. Now, they can meet their friends, teachers and share their experiences with them. They are happy to see the development of the college. They are also interested in knowing the activities of present students. The meeting of Alumni association of the college was held on 19 September, 2019, it was decided to to organize the alumini meet on 20-12-2019. It was decided to invite our alumini shri Baban Dhekane, Materials Manager, Haffkine Biopharmaceuticals Corporation Limited, Parel, Mumbai. The next meeting of association was conducted on 10 November, 2019 to take review of alumini meet scheduled on 20 December, 2019. Different committees were formed to make the meet a grand success. An online alumini meet of 2019-2020 was held on 20 December, 2019. Principal Dr Thorat P.R. presided over the function. Shri Baban Dhekane, the chief guest and alumini of our college guided alumini and students about Scope of Microbiology in pharmaceutical industries. He inspired our students and shared positive attitude among them. Mrs. Lokhande S. R. proposed vote of thanks. The meet was attended by 178 alumni.

5.4.2 – No. of enrolled Alumni:

193

5.4.3 – Alumni contribution during the year (in Rupees) :

85000

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1) Organization of Workshop on laboratory safety and disaster management: Department of Physics, DBT star College scheme and PAH Solapur University have jointly organized state level workshop on laboratory safety and disaster management on 25/02/2020. Various committees were formed and responsibilities were given to these committees, to conduct the workshop smoothly. In this workshop Dr G S Grover, Scientist NCL Pune, Mr Ghannil Diwate guided our students and staff. They also demonstrated various practicals during this workshop. 227 students and faculty participated in this workshop. 2) Organization of Shivchhatrapati inter-college state level elocution competition: On the occasion of the 117th birth anniversary of Mamasahab Jagdale, Shivchhatrapati inter-college state level elocution competition was organized on 18th and 19th January 2020. A meeting of all the members of the

Committee was held in the Principals Office under the chairmanship of Prin. Prakash Thorat. The competition topics were finalized and microplanning was done. Various topics on current social issues were selected for this competition. The competition was open for Marathi, Hindi and English speakers. For this competition from all over Maharashtra, Pune, Kolhapur, Sangli, Satara, Jalgaon, Latur etc. 32 colleges participated. As the competition was conducted in all the three languages, different examiners were appointed for Marathi, Hindi and English. This year the prize money is Rs 10001/-, Rs 7001 /- and Rs 5001/- for first, second and third respectively and five incentive prizes. First prize won by Mr. Sushil Dayagavhane-Aurangabad, Second by Mr. Dattatraya Chormale- Lonand and 3rd by Mr. Daulat Naikwade, Pune. Trophy was won by KMJM Vashi.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Teaching and Learning	Different teaching aids and methods are used for effective teaching and learning. Institute has 07 classroom equipped with LCD projectors. One classroom with smart board and LCD projector. Various teaching methodologies adopted by teachers as seminar method, group discussion. 06 career oriented programmes organized in this year. Webinars, workshop and project activities organized by college under DBT star college scheme.
Human Resource Management	Feedbacks were collected from the student and record was maintained. PBAS forms collected from each faculty member analysed and record is maintained. Teachers were released for refresher and orientation programmes as needed. Personal files of each faculty maintained. The college has well computerised system for the account maintenance. Biometric attendance system is used. Regular meetings of grievance redressal arranged for solving the various issues.
Industry Interaction / Collaboration	During the academic year 2019-20, different placement camps were arranged for student to get the jobs in various companies. 11 students were selected through placement camp and joined their duties at 18500/-per month scale.
Examination and Evaluation	Internal examination and evaluation work completed within a framework and guidelines given by PAH Solapur University, Solapur. Examination committee schedule the date of internal

	<p>examination in the academic calendar.</p> <p>Committee prepare the time-table, allotment of hall for the conduction of examination. Each department appoints supervisor for the examination as per time-table. Papers were assessed and results submitted to the examination committee.</p>
Research and Development	<p>? The College promotes College Research and Development activities consistently. The College utilized grant of Rs 13.00 lakhs under the star college scheme for research and development. Funds are used to facilitate and enhance research environment in the college. 58 projects were completed by student during this academic year. Three teachers get recognition for Ph. D. guide ship. Four students completed PhD degree. 15 research paper published in scopus journal. 10 students participated in Avishkar competition.</p>
Curriculum Development	<p>To encourage the faculty for participation in curriculum development. College follows the syllabi designed by Solapur University, Solapur. 19 members are board of studies in the various subjects. 02 teacher is members of academic council and are senate members in the University. Whereas 05 members are appointed as member of Syllabus sub-committee for the improvement of syllabus.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>Library: Library has 65708 bar coded books. 3178 books added in 2019-20. 32 computers and 02 Printers, one Sparshdnyan and reliance foundation drushti newspaper in Braille lipi, audiobook 760 GB, 1 barcode printer.</p> <p>Inflibnet e- Journal facility: N list.6000 plus e- journals. Library is resourceful with 325 reference books, CD, DVD, 25 magazines 30 journals, 19 Newspapers and 340 Encylopedias and E-granthalaya. ICT: ICT resources were increased for student and faculty. Computer and printers were provided for the preparation of e-content and hard copies of material. Language laboratory is with 20 computers. E- Lotus software used for the English. For the research work one common facility centre with research equipment. Infrastructure: It includes, classroom, laboratories, canteen, Central library, Competitive</p>

	examination centre, ladies hostel, Gymnasium, Playground, Common room, Conference hall, NCC office, NSS office, Parking. Campus beautification.
Admission of Students	<p>A suitable strategy is established for systematic, transparent admission procedure through participation of faculty and administrative staff. Admission follows all rules and regulations of Maharashtra state. Admission purely based on merit basis. In 2019-20 student strength is 2132. Students belongs to SC/ST/NT/OBC/minorities have facilities of state government scholarship. socioeconomical students get financial assistance for admission, examination fee and state transport bus.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	1) College website: www.ssmbarshi.org 2) OPAC software for library
Administration	Scholarship: eschol.support@maharashtra.gov.in
Finance and Accounts	MKCL https://mkcl.org/contact-us
Student Admission and Support	MKCL https://mkcl.org/contact-us
Examination	MKCL https://mkcl.org/contact-us Healthcare sector skill council www.healthcare-ssc.in

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Devkar S. D.	International Conference on Drug Discovery 2020 BITS Hyderabad	nil	1310
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

2020	Workshop on Laboratory Safety and disaster management	Workshop on Laboratory Safety and disaster management	20/02/2020	20/02/2020	30	67
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher course in Botany	1	10/06/2019	24/06/2019	15
Refresher Course in Disaster management	2	15/07/2019	27/07/2019	13
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
59	59	73	73

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Insurance, Medclaim, leaves, Loan, credit society	Insurance, Medclaim, leaves, Loan, credit society	Insurance, scholarships, earn-learn scheme.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Shri Shivaji Shikshan Prasarak Mandal Barshi, the mother institution, has a well-formulated policy and mechanism to monitor effective and efficient use of financial resources. The annual budget is prepared well in advance after considering needs and requirements of the college. Every department and curricular, extracurricular units submit a priority list of requirement for the next academic year. The purchase committee makes the purchase following the norms laid down by the management and government sees to it that the right purchase is made at reasonable price. The college has internal and external audit mechanism to monitor the proper utilization of the budget. The utilization of the budget is monitored regularly by the management. The college has internal and external audit mechanism. The audit is carried out by the auditor of the management. The external audit is carried out by the joint director of higher education, the senior auditor and the auditor general of the Maharashtra State. The college utilizes the funds received from different funding agencies properly and submits the utilization certificates to the concerned funding agencies in time.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the

year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Alumni donation	15000	Individuals
No file uploaded.		

6.4.3 – Total corpus fund generated

1000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	DBT New Delhi	No	Nil
Administrative	No	Nil	Yes	Shri Shivaji Shikshan Prasarak Mandal Barshi

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1) PTA - Meet 2) Discussion and suggestions on current syllabi 3) Annual prize distribution

6.5.3 – Development programmes for support staff (at least three)

1) Training on Laboratory safety 2) Training on disaster management 3) Training on recent advances in college administration
--

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) The institution has applied for P.G. courses in Botany and Zoology affiliated to PAH Solapur University, Solapur. 2) Extension of Ladies hostel third phase completed 3) Applied to RUSA for Boys hostel and laboratory
--

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Nil
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Sparksprout pharma training	20/06/2019	12/03/2020	12/03/2020	70
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the

year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Felicititation of Meriterious Girl Students in Parent teacher Meet	17/02/2020	17/02/2020	253	112
Botany Fest : Food flower and much more:Save girl	01/03/2020	02/03/2020	174	151
Inspire -DST Scholarship for Girl students	03/04/2020	03/04/2020	67	58
Jijau Savatri Mahila Bal Vikas Samiti : Help to needy Girl students	20/12/2020	20/12/2020	5	0
Felicititation of Meritorious professor teachers	03/04/2020	03/04/2020	88	67
Youth Festival	19/09/2019	22/09/2019	22	20
Jijau Jayanti CBC & Blood group testing camp for girls	03/02/2020	03/02/2020	301	203
Self defense training	04/03/2020	04/03/2020	205	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
31.57

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	6
Ramp/Rails	Yes	6
Braille Software/facilities	Yes	6
Rest Rooms	Yes	6
Scribes for examination	Yes	6
Special skill	No	0

development for differently abled students		
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	14/09/2019	1	visit to RRS Fertilizers Private Limited	practical skill	30
2020	Nil	1	06/02/2020	30	To provide job opportunity to local unemployed people	Placement camp Tata consultancies services	225

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Professional Ethics	01/02/2019	Our institute has developed a Code of Professional Ethics which is consistent with the guidelines of PAH Solapur University, Maharashtra State Government and University Grants Commission New, Delhi regulation 2018.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2019	21/06/2019	170

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Installation of Solar energy units 2. Use of LED bulbs 3. Tree plantation drive 4. Maximum, use of social media for communication 5. Green Campus--clean campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best practices:1 “Involvement of Alumni in training students for Youth Festival” Objective of the Practice: To utilise the potential of Alumni in strengthening the cultural abilities of students and making them well prepared for the university Youth Festival Need Addressed and the Context: Solapur University, Solapur organises a Youth Festival (Cultural Programme) every year to provide a platform to college students to develop their cultural abilities in them. Students of our college have a great potential in cultural activities. We have won the Youth Festival trophy of the university many times. Earlier we used to hire professional artists to train our students for the youth festivals. We had to pay them. But now we stopped to hire the professionals and our significant Alumni working in this field are offering helping hands in this regard. So we decided to utilise their potential in training our students in cultural programmes. The Practice: We have been utilising the potential of our Alumni in development of the college in all respect. Some of our ex-students have excelled in cultural programmes and doing better in this field. So we requested them to work with us and help us in training our students and making them well prepared for the Youth Festivals of the University. We provide the essential facilities for this training and practice. This practise is working successfully. Evidence of Success: The partnership between the Alumni and the institution has worked tremendously. During the 2019-20, we have won the runnership of Solapur University Youth Festival. We participate almost in all the cultural events every time and win the prizes. We strongly believe that our Alumni have a lion’s share in our achievement. Resources: A hall for practice, musical instruments, proper coordination between the alumni, cultural committee and students.

Best practices: 2 “Inculcating Research Culture among the students” Objective of the Practice: To inculcate research culture among students for the betterment of the nation Need Addressed and the Context: Research plays very vital role in the development of the country. In order to inspire and motivate students for research, it is very essential to create research ambiance among the students. It can be done by conducting students projects and assignments and motivating them to participate in science exhibitions and research festivals. The Practice: We motivate and inspire our students to participate in science exhibitions and research festivals organised by other colleges and universities. Our teachers who have been research guides for Ph. D. courses guide undergraduate students to undertake projects in order to participate in Avishkar, Solapur University research festival, which is organised by the University every year for the promotion of research among students. In 2019-20, our students did best in different research festivals and selected in the state level research festival. Through DBT star college scheme students have completed the research projects on the topic of their choice in last year. In 2019-20 we have organized guest lectures of eminent scholars through science association, social science association, DBT Star College Scheme and literary association. Evidence of Success: As we have succeeded in inculcating research culture among undergraduate students, students are actively participating in research festivals organised by universities. We won prizes at University level research festival i.e Avishkar and other research events. Resources: Guidance of the senior faculty, laboratories for practical purposes, and willingness of students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.ssmbarshi.org/static/Dwndiles/bestpractises2019_20.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Distinctiveness: "Pursuance of Academic Excellence" Context : Dr. Mamasahab Jagdale, founder of Shri Shivaji Shikshan Prasarak Mandal , Barshi started Shri Shivaji Mahavidyalaya Barshi in the year 1960. The motto of our mother institution is "Let us help for one another and march on the righteous path".

In accordance with the motto of our institution, college has the motto "education for downtrodden" and provides education in rural area by focusing on access, equal opportunity and excellence in higher education. In the glorious history of 60 years, college has achieved number of milestones while striving towards excellence. Area of Performance: The college is committed for providing excellence in higher education to the students as well as society. In April 2020 DBT, NEW Delhi reviewed the performance of our college under STAR College scheme. In the last year 235 students are awarded with meritorious scholarships of government and NGOs. The college offers a wide range of conventional programme options in B.A., B.Sc., M. A., M.Sc. and Ph. D.. Sixty nine students are doing Ph.D. in our research centers. The college has established MoUs/collaborations/linkages with various organizations/industries which help in quality enhancement as well as placements of the students. In 2019-20, 12 students have secured the position in university merit lists. Obstacles: Due to rural background, • Low motivation level in students and low placement ratio • Low application ratio for admission • No other state and abroad students Positive impact on society: Due to consistent honest efforts, dedication, team work and work culture, our college has emerged as a symbol of merit and has made positive impact on community. Active support of the management, stake holders, faculty and students will lead towards academic excellence consistently. Promotion and Outcome: The college promotes all the activities and achievements of students, faculty and parents by due felicitation and prizes to the students, their parents and faculty for their achievements and publishing them through website, newspapers etc. from time to time. College also inspires the stakeholders on annual prize distribution function as well as 4th February (Birth Anniversary of Karmveer Dr. Mamasahab Jagdale) by the hands of eminent guests every year. These milestones of the college have attracted the concentration of society and due to which eminent educationalists, social activists, parents, faculty and management of other colleges use to visit our college.

Provide the weblink of the institution

https://www.ssmbarshi.org/static/Dwndiles/distinctiveness2019_20.pdf

8.Future Plans of Actions for Next Academic Year

To apply for DBT Star Status, To apply for MSc Botany and Zoology, To organize workshops and seminars