



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI, DIST. BULDANA
Name of the head of the Institution		Dr. Anil Mahadeorao Garode
Designation		Principal (in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07264242088
Mobile no.		9850363280
Registered Email		principalsscc@gmail.com
Alternate Email		shivajichk@rediffmail.com
Address		Near BDCC bank, Khamgaon Square, Shivaji nagar, Chikhli Tq. Chikhali Dist. Buldana
City/Town		Chikhali
State/UT		Maharashtra

Pincode	443201																								
<b>2. Institutional Status</b>																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Semi-urban																								
Financial Status	state																								
Name of the IQAC co-ordinator/Director	Dr. V. U. Pochhi																								
Phone no/Alternate Phone no.	07264242088																								
Mobile no.	9890964215																								
Registered Email	iqacsssac@gmail.com																								
Alternate Email	principalsscc@gmail.com																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="http://shivajichk.com/wp-content/uploads/2019/12/AQAR-2018-19.pdf">http://shivajichk.com/wp-content/uploads/2019/12/AQAR-2018-19.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://shivajichk.com/wp-content/uploads/2021/06/Academic-Calendar-2019-20-1.pdf">http://shivajichk.com/wp-content/uploads/2021/06/Academic-Calendar-2019-20-1.pdf</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.72</td> <td>2004</td> <td>16-Feb-2004</td> <td>15-Feb-2009</td> </tr> <tr> <td>2</td> <td>B++</td> <td>2.82</td> <td>2014</td> <td>24-Sep-2014</td> <td>23-Sep-2019</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.72	2004	16-Feb-2004	15-Feb-2009	2	B++	2.82	2014	24-Sep-2014	23-Sep-2019
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	B	2.72	2004	16-Feb-2004	15-Feb-2009																				
2	B++	2.82	2014	24-Sep-2014	23-Sep-2019																				
<b>6. Date of Establishment of IQAC</b>	01-Jul-2010																								
<b>7. Internal Quality Assurance System</b>																									

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
One Week e-Short Term Course on Plant Propagation & Nursery Management	05-May-2020 7	406
E-Poster Competition on Environmental Youth	22-Apr-2020 1	87
State level Poster Competition on Energy Awareness & Environment Conservation	12-Mar-2020 1	189
State Level Workshop on Ethical Hacking	25-Feb-2020 1	103
University level hands on Training on Plant Tissue Culture	17-Feb-2020 1	200
University Level Soft Skill Development Workshop	08-Feb-2020 4	83
Student Induction Programme (for all faculties)	19-Aug-2019 6	213
State Level Rangoli Competition on Immunology In Collaboration with Microbiologist Society, India.	16-Aug-2019 1	29

[View File](#)

**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
Nil	Nil	Nil	2020 00	0

[View File](#)

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

5

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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	300000
Year	2014

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

- Financial audit of accounts department
- Feedback forms were taken from the stakeholders and analysed.
- Internal academic audit of the departments
- Motivation of the departments to organize seminar/conferences and workshops and monitoring the progress of research work through College Research Cell (CRC)
- Physical verification of laboratory

[View File](#)

**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	Achievements/Outcomes
Ecofriendly Color Preparation Workshop	College level eco-friendly colour preparation workshop on occasion of Holi was conducted on 7th March 2020.
Skill development programme	Soft skill development workshop organised in collaboration with SGBAU from 08/02/2020 to 11/02/2020
Recognition of Ph. D. Research Center	Sant Gadge Baba Amravati University, Amravati Recognised Research centres in following faculty/subjects, Commerce, History, Political Science, English, Marathi, Economics.
Fit India Movement Programme	Programme was conducted during 12/12/2019 to 18/12/2019 by organizing various sport events for college students.
undefined	undefined
Short Term Computer Training Programme	Short term computer training programme for Non-Teaching staff members was conducted from 02/12/2019 to 06/12/2019
Organisation of sport events	Inter collegiate Ball Badminton (Men's) Tournament organised on 27/11/2019 to

	28/11/2019
Certificate Course in Communication Skills in English	Certificate course was conducted during 09/09/2019 to 11/01/2020
Personality Development Programme	Personality development programme was conducted by NSS on 28/07/2019.
undefined	undefined
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Shri Shivaji Education Society Amaravati's College Development Committee: CDC	10-Mar-2021

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2020
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Date of Submission	16-Jan-2020
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<b>17. Does the Institution have Management Information System ?</b>	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Students submitted application for admission to first semester of B.Sc, B.A. and B.Com on portal shivajionline.com. A merit list is prepared online and students are admitted as per the rules and regulations of SGBAU, Amravati and State Govt. Institute have Management Information System (MIS) used for :</p> <ol style="list-style-type: none"> <li>1. Prepare a list of students groupwise and section wise.</li> <li>2. Sorting the student's category wise and gender wise.</li> <li>3. Report and analysis of admission is prepared.</li> <li>4. University enrollments form are uploaded</li> <li>5. University Examination forms uploaded</li> <li>6. Prepared all type information about students in a required format.</li> <li>7. Prepared a database for Student Satisfaction Survey.</li> <li>8. The internal marks and practical examination's marks</li> </ol>
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of respective subjects are sent to university. 9. The correspondences of AISHE, UGC, University, NAAC are done online. 10. The college ID Cards of students, Leaving Certificates, student's data, scholarship forms, etc. are processed online and etc.11. SEVARTH software for online salary 12. LIBMAN software for automation of library.

## 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

Shri Shivaji Science And Arts College offers undergraduate and postgraduate education in Science, Arts and Commerce subjects. Our college is affiliated to S. G. B. Amravati University, Amravati. The Curriculum is designed by the university and it is implemented by the college. The members of BOS at the university are elected from the faculties in different colleges. As curriculum is designed by the university, the responsibility of the college is to implement the curriculum effectively. We have developed the mechanism for well-planned curriculum delivery: 1) In the beginning of Academic Session, Academic Calendar is prepared by the IQAC, highlighting important events and availabilities of Teaching Days, Schedule of Unit Tests etc. 2) The IQAC organizes a meeting of all the faculty members to present the result analysis of each subject of three faculties' viz. Science, Arts and Commerce. After evaluation of the achievements and failures of the past year, fresh modalities are checked out for upcoming new academic year. 3) The IQAC prepares the Centralized Time Table for the implementation of teaching work as per the university norms of all the three faculties. Further the departments distribute the teaching work and prepare the Annual Teaching Plan as per the availability of number of lectures. The Annual Plan and Daily Teaching Work are noted down in the Academic Diary. 4) For continuous evaluation, unit tests are conducted to evaluate the progress of the students. The Unit Tests, Assignments, Seminars, Project Assignments are allotted to the students as a part of internal assessment. Study Tours and Field Study are also organized to enrich the practical based knowledge. 5) In addition, some topics from the syllabus are demonstrated by using PPTs, Educational Videos and Virtual Lectures. Group Discussion is organized to motivate the students to share the ideas on some important topics from the syllabus and current issues and events. 6) The faculties participate in Publication of Research Papers, participation and presentation of Research Papers in conferences and workshops and the faculty members participate in FDP such as Orientation and Refresher Courses and Short-Term Courses organised by HRDC. 7) Guest Lectures are arranged by the departments. Experts of subject deliver lectures to update the knowledge of students with recent developments. 8) Central Library plays a vital role, students and teachers can refer reference books, encyclopaedias, e-books, journals and e-journals. 9) The Physical Education Department arranges various sports events. 10) Cultural programmes are also organised in the Annual Gathering. Students also participate in Youth Festival. Besides these regular activities, Staff Council Meetings are held to discuss the difficulties in the teaching learning process and other relevant matters of the college. Focus on research: College introduces five new PhD Programs in English, Economics,

Political Science, History & Computer Sciences and introduced "Recognized Research Centre in English, Economics, Political Science, History, Marathi and Commerce". The college every month holds a meeting. All problems and achievements are laid their discussed and sorted out for the counter running and integration of curriculum.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Communication Skill in English	Nil	01/08/2020	80	This course helps the students to seek job opportunities	Interview presentation and group discussion

### 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
<a href="#">View File</a>		

#### 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
MSc	Computer Science	01/08/2019
MSc	Microbiology	01/08/2019

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

	Certificate	Diploma Course
Number of Students	13	Nil

### 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
Communication Skill in English	01/08/2020	13
e-Short term course in "Plant Propagation and Nursery Management"	05/05/2020	406
<a href="#">View File</a>		

#### 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	Zoology: A Study of Silk Plant at Vadgaon Tejan	40
BSc	Botany: A Study of	40

	Biodiversity of Toranmal and A study on Plant tissue Culture at Jain Irrigation at Jalgaon	
BA	Role of Maharashtra Agricultural Products Marketing Committee for Farmer Development: Special Reference to Chikhli Taluka (APMC)	56
<a href="#">View File</a>		

#### 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
<p>Feedback system is developed in the college to evaluate overall development of the institution regarding infrastructural development, sports activities, Discipline, Awareness, about moral and ethical values, curricular activities, Administration, Carrier Oriented programs, Library facility, Cultural Activities, Extracurricular activities conducted by National Cadet Corps And National Service Scheme. Further feedback also taken about internet facility, Canteen Facility, Anti Ragging Cell, Remedial Coaching, Boys Hostel Facility, Curricula developed by University and its skill development potential, Feedback regarding teaching methodology, Effective communication and Counselling of students by teachers. The feedback is taken in the grade form such as A- Excellent, B- Very good, C- Good, D- Satisfactory, E- Unsatisfactory. The analysis of the feedback shows satisfaction on overall functioning of the college, The College administration tried to take action on the demand of the stake holder. Feedback is taken from students, Parents, Teachers and Alumini. The feedback is analyzed and discussed with the head of institution the decisions are taken to enhance curricular and co-curricular and extracurricular activities in the colleges for further development of students. Women Grievance Cell and Women Empowerment Cell successfully installed Sanitary Napkins Vending Machine and Disposal Machine in Girl's Common Room on October 2019. The vending machines and disposal machine were installed to ensure an effective, safe and convenient mode for any time access to sanitary napkins. The purpose is to promote safe and hygienic sanitary practices among girls. After installation, a small demonstration was given to the female students, Teaching Non- Teaching women staff.e-Short term course in "Plant Propagation and Nursery Management" was organised by Botany Department and state level poster competition was organised by Physics Department on student demand.</p>

#### 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
BSc	B.Sc. I	220	253	240
BCom	B.Com I	220	48	46
BA	B.A. I	220	145	145
MA	M.A. I History	80	15	15
MA	M.A. I Political Science	80	25	25
MA	M.A. I Marathi Literature	80	6	6
MSc	M.Sc. I Computer science	20	5	5
MSc	Microbiology	16	18	18
MCom	Commerce	80	42	42

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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	833	210	36	Nil	11

## 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
36	36	3	8	3	6

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring system has been developed in the college by keeping in mind the educational development and carrier counseling of the students. As this college is surrounded by many villages, several students having economically and educationally weak background take admission, they need special attention. All the teachers are the members of mentoring committee. After the completion of admission process, the total numbers of students are divided faculty wise among the member of mentoring committee. Following steps are taken by every mentor to guide the students:

- Each mentor guides the students for their carrier development and higher studies.
- The students also guided about preparation for competitive examinations and how to seek job opportunities.
- The mentors also solve common problems regarding their studies.
- The mentors inform the mentees regarding government schemes to avail financial support in time. Further the students are guided about

carrier options also. • Every year through placement cell a workshop on carrier guidance is organized. Mentees are motivated to participate in it. • Induction program is organized every year to clarify the basic concept of the students. • Research competitions organized at university and inter collegiate level in the concerned categories like 'Avishkar'. • The mentees are guided to participate in seminars competitions poster presentations. • To inculcate research abilities among the postgraduate students are motivated to prepare their projects. Students are guided to prepare and appear for competitive examinations through Kalptaru Study Center.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1043	36	1:29

## 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
51	36	15	15	23

### 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	Nil	Nil	Nil
<a href="#">View File</a>			

## 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
MCom	M.Com II	Semester-VI	30/10/2020	28/12/2020
MSc	M.Sc. II Microbiology	Semester-VI	30/10/2020	11/11/2020
BA	BA III	Semester-VI	02/11/2020	26/12/2020
BCom	B.Com III	Semester-VI	02/11/2020	26/12/2020
MA	M. A. II Marathi	Semester-IV	30/10/2020	28/11/2020
MA	M. A. II Political Science	Semester-IV	30/10/2020	24/11/2020
BSc	B.Sc.III	Semester-VI	31/10/2020	21/12/2020
MSc	M.Sc. II Computer Science	Semester-IV	30/10/2020	02/12/2020
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Teaching learning and evaluation are integrated and indissoluble components of

education. The evaluation system serves as an aid in the process of learning. As per the guidelines of SGB Amravati University, Amravati, the evaluation system has two components viz. The Continuous Internal Evaluation (CIE) and the End Semester/Annual Examination (ESE/EAE). The ratio of weightage is 20 in CIE and 80 in ESE/EAE in UG. CIE component includes test, assignment, project assignment, seminar/excursion tour and group discussion. College Examination Committee has been formed for the smooth conduction of Continuous Internal Evaluation. All the HODs and respective teachers are informed to follow the guidelines of the university regarding the internal evaluation. To ensure the progress and transparency in CIE following steps are taken by the faculty: 1. The (CIE) Marks are shown to students. Its exercise ensures: a) Providing Feedback to students on mistakes committed. b) Providing opportunity to learn subject more accurately and adequately. 2. Instant Exam: If any student fails in first test, instantly second test is taken to provide opportunity to improve his/her performance. 3. Comprehensive internal Evaluation system: The question papers of the unit tests are framed on the basis of university question paper pattern including Multiple Choice Questions, Answer in One Sentence Questions, Short And Long Answer type Questions to have a comprehensive understanding of University Semester Question Paper Pattern. 4. Transparency in Evaluation: Internal evaluation is entirely the responsibility of the teacher, teaching the course. To ensure the creditability of the system students are allowed to interact with his/her teacher and seek clarification about the marks awarded in a particular test, seminar or project if necessary.

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

- The Institution ensures effective time management and timelines academic calendar is public at the beginning of the session.
- The college carries out effective planning to stick to academic calendar this allows the teacher and students to space out their teaching learning and regular assessment of the same
- Academic calendar is prepared by IQAC at the commencement of each academic year.
- The details submitted by each department in respect of curricular, co-curricular, evaluation and extracurricular activities.
- Our academic calendar provides important information about teaching dates, examination dates, day celebration, birth and death anniversary of eminent personalities.
- On the basis of this the routing time table prepared of the entire session.

## 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)

<http://shivajichk.com/wp-content/uploads/2021/08/Course-Outcome.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
M.Com.	MCom	M. Com	21	20	95.23
M.A.	MA	M.A. Marathi	7	7	100
M.A.	MA	M.A. Political Sci.	23	21	91.3
M.A.	MA	M.A.	16	13	81.25

		History			
M.Sc.	MSc	M.Sc. Microbiology	16	16	100
M.Sc.	MSc	M.Sc. Computer Science	5	5	100
B. Com.III	BCom	B. Com.	34	34	100
B.A. III	BA	B.A.	18	18	100
B.Sc. III	BSc	B.Sc.	84	84	100
<a href="#">View File</a>					

## 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)

<http://shivajichk.com/wp-content/uploads/2021/08/Teaching-Learning-Student-Satisfaction-Survey-2019-20.pdf>

## 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
Nil	00	NIL	0	0
<a href="#">View File</a>				

### 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
Basics of Intellectual Property Rights	Internal Quality Assurance Cell	11/01/2020

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
Synthesis of Biodegradable Plastic participation in State Level Science Convention(AVISHKAR) of SGB Amravati University Amravati	Ku. Kiran S. Tayde Ku. Vaishnavi V. Cheke	Sant Gadge Baba Amravati University, Amravati	28/01/2020	Student
Predicting maturity of agriculture products using speckle contrast.	Ku. Trupti Shelke Ku. Pratiksha Kale Ku. Kiran Chavand	Sant Gadge Baba Amravati University, Amravati	10/01/2020	Student

Second Prize in District Level Science Convention(AVISHKAR) of SGB Amravati University Amravati				
Ultrasonic investigation of Drug officinale Zingiber with Metal ions as function of Concentration. Best Poster Award	Dr. Pallavi B. Nalle	Raje Ramrao Mahavidyalaya Jath	21/01/2020	Teacher
Best Student Award	Ku. Karuna k. Borde (UG) Ku. Prajakta V. Theng (PG)	Microbiologist Society of India	20/05/2020	Student
Chat Boat Second prize in District Level Science Convention(AVISHKAR) of SGB Amravati University Amravati	Mr. Shubham Burkul Mr. Baliram Solanki	Sant Gadge Baba Amravati University, Amravati	10/01/2020	Student
Synthesis of Biodegradable Plastic First Prize in District Level Science Convention(AVISHKAR) of SGB Amravati University Amravati	Ku. Kiran S. Tayde Ku. Vaishnavi V. Cheke	Sant Gadge Baba Amravati University, Amravati	10/01/2020	Student
Synthesis of Biodegradable Plastic Second Prize in University Level Science Convention(AVISHKAR) of SGB Amravati University Amravati	Ku. Kiran S. Tayde Ku. Vaishnavi V. Cheke	Sant Gadge Baba Amravati University, Amravati	15/01/2020	Student

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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
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Nil	Nil	Nil	Nil	Nil	Nil
<a href="#">View File</a>					

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
Commerce	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 any)
National	Physics	2	00
National	English	2	00
International	Physics	1	1.9
National	Chemistry	1	0

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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
Political Science	1
Commerce	5
Mathematics	1
Economics	1
Zoology	1
Computer Science	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
Evaluation of bioelectricity productivity using alkaline bacillus alkalogaya BW2 (1) as a possible	Vijayshree Hemke	Journal of applied biology and biotechnology	2020	0	Shri Shivaji Science And Arts College Chikhli	Nil

exoelectro gens for i mprovement of microbial fuel cell performanc e						
Structural infrared Magnetic and Ferroe lectric Properties of Sr0.5 Ba0.5Ti1-X FexO3	Dhananjay N. Bhojer, S. B. Somvanshi, P. B. Kharat, A. A. Pandit, K. M. Jadhav	Physica B: Physics of Condensed Matter	2020	11	Shri Shivaji Science And Arts College Chikhli	11
<a href="#">View File</a>						

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 excluding self citation	Institutional affiliation as mentioned in the publication
Evaluation of bioelec tricity pr oductivity using alkaline bacillus alkalogaya BW2 (1) as a possible exoelectro gens for i mprovement of microbial fuel cell performanc e	Vijayshree Hemke, V. Dhundale, D.Desai, P. Khemcha ndani, G. Aher	Journal of applied biology and biotec hnology	2020	4	1	Shri Shivaji Science And Arts College Chikhli
Structural infrared Magnetic and Ferroe lectric Properties of Sr0.5 Ba0.5Ti1-X FexO3	Dhananjay N. Bhojer, S. B. Somvanshi, p. B. Kharat, A. A. Pandit, K. M. Jadhav	Physica B: Physics of Condensed Matter	2020	6	11	Shri Shivaji Science And Arts College Chikhli
<a href="#">View File</a>						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	16	19	7	5
Presented papers	1	2	Nil	Nil
Resource persons	Nil	1	2	Nil
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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
Rally on Mahatma Gandhi, Lal Bahadur Shastri Jayanti	NSS	1	120
Tree Plantation Camp	NSS,NCC	3	145
Social Harmony	NSS	1	90
Congress Grass Eradication	NSS	2	106
Village Level Camp	NSS	2	100
International Yoga Day	NCC	2	78
Kargil Vijay Divas	NCC	4	131
Pulse Polio Campaign	NCC	1	90
NCC Day Celebration	NCC	1	130
Resist Water Save Water	NCC	1	72
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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
Youth Personality Development Workshop	Participation	Sant Gadge Baba Amravati University, Amravati	2
Republic Day Parade	Participation	Government of Maharashtra Mumbai	1



National Integration Camp	Participation	Odisha	1
Thal Sainik Camp New Delhi	Second prize	Amravati Group NCC	1
Republic Parade Camp New Delhi	First Prize	Tahasil Office Chikhli	30
Cleanliness Campaign	First Prize	13 Mah Bn NCC Khamgaon	110
Pulse Polio Drive	First Prize	Rural Hospital Chikhli	90
National Integration Camp	Participation	Kolhapur NCC Group	1
BLC Camp Kamthi army Unit Nagpur	Participation	Kamthi Army Unit Nagpur	3
Clean India Healthy India	District Level	Sant Gadge Baba Amravati University Amravati	100
<a href="#">View File</a>			

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
Socha Bharat Abhiyan	NSS	Cleanliness	2	120
HIV AIDS Awareness Programme	Rural Hospital Chikhli (Dept. of Microbiology NSS)	AIDS Awareness	4	99
<a href="#">View File</a>				

### 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
Workshop on Hands on Training in Plant Tissue Culture	170	5000	1
<a href="#">View File</a>			

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

Internship	Study of Banking Work	Shri Shivaji Shikshan Sanstha Karmachari Sahkari Patsanstha, Chikhli	02/01/2020	16/01/2020	05
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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
Shri Vynketesh Arts Commerce And Science College Deulgaon Raja, Dist. Buldana (Dept. of Zoology)	10/08/2019	1) Co-operate in the exchange of information relating to their activities in teaching and research and in the field of mutual interest. 2) The departmental library facility and other resources 3) To Arrange special talk	4
Shri Vynketesh Arts Commerce And Science College Deulgaon Raja, Dist. Buldana (Microbiology Dept.)	10/10/2019	1) Co-operate in the exchange of information relating to their activities in teaching and research and in the field of mutual interest. 2) The teaching would be exchange as per the requirement to impart academic information in related subject. 3) The	2
Expert Script solutions , N1-Cidco Aurangabad	05/03/2020	1) Collaboration and co-operation between themselves will promote more effective use of each of their resources. 2) Co-operate and focus within area of skill based training, placement	2

		and education. 3) Engaged in Business, Software development and so	
SPM Tatyasaheb Mahajan Arts and Commerce college , Chikhli, Dist. Buldhana	15/03/2020	1) The exchange of faculty for mutual benefit of both institutions. 2) Collaboration in teaching, development research consultancy studies in the field of mutual interest . 3) Conduct guest lecture. 4) To permit students, staff and faculty membe	38
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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
100000	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
<a href="#">View File</a>	

##### **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
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Soul 2.0	Partially	2014	2014
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#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	39669	3937756	448	88019	40117	4025775
Reference Books	913	409827	8	4145	921	413972
e-Books	97000	Nill	Nill	Nill	97000	Nill
Journals	32	23550	Nill	Nill	32	23550
e-Journals	6000	5900	Nill	Nill	6000	5900
Digital Database	Nill	Nill	Nill	Nill	Nill	Nill
CD & Video	227	Nill	Nill	Nill	227	Nill
Library Automation	25639	Nill	Nill	Nill	25639	Nill
Weeding (hard & soft)	11337	Nill	Nill	Nill	11337	Nill
Others(s pecify)	Nill	Nill	Nill	Nill	Nill	Nill

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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
Dr. Jukkalkar Syed Imtiaz	Effective Communication Skill	YouTube	09/04/2020
Dr. Jukkalkar Syed Imtiaz	How to face an Interview	YouTube	15/04/2020
Dr. Jukkalkar Syed Imtiaz	Still I Rise (Poem)	YouTube	22/04/2020
Dr. P. B. Nalle	Study of Molecular interactions in binary liquid mixtures containing ZnCl <sub>2</sub>	YouTube	11/05/2020

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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	Others
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								h (MBPS/ GBPS)	
Existing	71	2	5	2	3	1	11	10	0
Added	0	0	0	0	0	0	0	8	0
Total	71	2	5	2	3	1	11	18	0

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

18 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
Nil	Nil

#### 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
200000	494073	150000	151039

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)

We follow the following procedure and policy for the maintenance and utilization of Physical, Academic and Support facilities: i) Class Rooms: The College runs in two shifts. In the first shift PG classes and in the second shift UG classes are engaged. All the classrooms are utilized for the teaching work. The maintenance of the class rooms is done regularly. All the classrooms are provided with electricity facility and equipped with lamps and ceiling fans. A private sweeper is appointed on daily wages to maintain cleanliness. ii) Laboratory: All the laboratories are well equipped. The practicals of the UG and PG students are conducted in the laboratories. As three laboratories viz. Botany, Zoology and Microbiology are recognized research laboratories, research work is carried out in these laboratories. The Lab Attendants have technical knowledge of the equipments used in the laboratories. They maintain the equipments. Sometimes services are hired from private technicians. Equipments are purchased as per the requirement. iii) Library: The library is open for the students from 8.00 am to 5.00 pm. A separate reading room for students is available. The research students can refer journals and other e-books made available through N-List. PCs with internet facility are available for browsing. Students and teachers utilize the library facility for their academic development. Regular sweeping and dusting is done in the library. Vacuum Cleaner is used to keep the library dust free. To keep the books safe from pests and other insects service from private Pest Control Agency is hired. iv) ICT Facility: In addition to the library which provides internet browsing facility, the Laboratory of Computer Science Department, Laboratory of Commerce Department and the Language Laboratory also work as computer centres for students. Internet facility is also available in all the laboratories for the use of students. All the computers in the college are protected by anti-virus software. The members of the department of Computer Science extend their service to all the departments to maintain the computers. Some of the staff members who have technical knowledge cooperate to maintain the computers. As

per need service is hired from private technicians. v) Sports Facility: The college possesses a large playground. All the outdoor games are played on the ground. The nearby dwellers use it for morning and evening walk also. A well-equipped gymnasium is also available for students. Many students practice the outdoor games in the supervision of the Physical Director in the morning and evening time. The gymnasium and open sports ground is maintained regularly by taking services privately.

<http://shivajichk.com/wp-content/uploads/2021/08/Procedures-and-policies-for-maintaining-and-utilizing-physical-converted.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	Meritorious Students Scholarship by Salary earner's Society	42	15000
Financial Support from Other Sources			
a) National	Govt. of India (GOI) First Instalment	749	3683600
b) International	Nil	Nil	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
Personal Counselling and Mentoring	01/07/2019	170	Department of Political Science
Yoga and Meditation	21/06/2019	130	Department of Physical Education
Soft skill development, Communication in English including language Lab.	01/08/2019	13	Department of English
Bridge course in Practical Physics for B.Sc.-I students	01/08/2019	68	Department of Physics
<a href="#">View File</a>			

#### 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	Number of benefited students by	Number of students who have passed in	Number of students placed

		competitive examination	career counseling activities	the comp. exam	
2019	Kalpataru Study Centre	55	55	Nil	Nil
2020	Future of Prospective in Life Sciences	Nil	30	Nil	Nil
<a href="#">View File</a>					

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
Nil	Nil	Nil

## 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
Nil	Nil	Nil	Sarasvati Mahavidyalaya, Shegaon, Dist. Buldana	76	Nil
<a href="#">View File</a>					

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	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Zoology	Dept. of Zoology, SGB Amravati Uni. Amravati	M.Sc. (Zoology)
2020	41	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Commerce	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	M.Com.
2020	5	Shri Shivaji Sci. & Arts College,	Political Science	Shri Shivaji Sci. & Arts College,	M.A. (Political Science)

		Chikhli, Dist. Buldana		Chikhli, Dist. Buldana	
2020	5	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	History	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	M.A. (History)
2020	4	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Computer Science	Dept. of Comp. Sci. SGB Amravati Uni. Amravati, Shri Shivaji College, Chikhli	M.Sc. (Computer Science)
2020	4	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Microbiology	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	M.Sc. (Mic robiology)
2020	11	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Mathematics	GVISH, Amravati, Dept. of Mathematics, SGB Amravati Uni. Amravati RLT College, Akola, BAMU Aurangabad	M.Sc. (Math)
2020	5	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Chemistry	GVISH, Amravati, Dept. of Chemistry, SGB Amravati Uni. Amravati. Jijamata Mah avidyalaya, Buldana, Shivaji Science College, Akola	M.Sc. (Chemistry)
2020	2	Shri Shivaji Sci. & Arts College, Chikhli, Dist. Buldana	Physics	Dept. of Physics, SGB Amravati Uni. Amravati,	M.Sc. (Physics)



2020	7	Shri Shivaji Sci. Arts College, Chikhli, Dist. Buldana	Botany	Dept. Of Botany SGB Amravati Uni. Amravati, Govt. Institute of Science, Aurangabad, B.S. College, Sak harkherda, Dist. Buldana	M.Sc. (Botany)
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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	Nil
SET	1
SLET	1
GATE	Nil
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
Any Other	18

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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
Annual Gathering	College	110
Skit	University	9
Mime	University	8
Quiz Competition	University	1
Group Song	University	6
Folk dance (Youth Festival)	University	10
Social Awareness Quiz programme Covid -19 pandemic- 2019	State Level	179
Ball Badminton	University	45

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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	Nil	Nil	Nil	Nil	Nil	Nil
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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)

1) As per lawful provisions of the Sant Gadge Baba Amravati University, Amravati, Student representative council representation of students on academic administrative bodies are to be formed for deliberations of student rights and their participation in educational mechanism like associations of the departments, Cultural program in Annual Gathering, Sports events etc. 2) Institution has constituted student council committee to look after all the students welfare activities. 3) As per Scheduled programme Class representative of various classes are nominated on the merit basis. Also representation from N.S.S., N.C.C., Cultural Sports is invited on merit basis. 4) This formulated student representative council then elect their Secretary and President. The Secretary represent institution at university level. 5) Meetings of the SRC are being arranged to observe various events like Welcome programme, Guest lectures, Sport, Cultural, Blood donation camp, Plantation, Birth death anniversary of great social reformers thinkers, farewell programmes etc. 6) All these activities are assisted by financially by the institution. 7) Various academic Administrative bodies that have student representative are • Student Representative Council • Student redressal cell, • Cultural heritage Committee • Games Sports Committee • NCC advisory Committee • Library advisory committee • Subject Association • Career guidance Placement Cell • Nature Club • Women nurturing Cell • Student Welfare Committee

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

1) Yes, the institution has registered Alumni association. In every academic year two meetings of alumni are arranged to discuss problems related to student's Facility. Association organised tree plantation, Help to needy and poor students, books distributed to needy students and help for the development of college. 2) The activities run and major contribution made by our Pride Alumni are Health awareness Programme, Socio-political Help, Legal and finance advice, Academic infrastructural development, Media and consultancy services, Education services, Social, Management Governance, business houses, Nature conservation, Research program, Government department, NGOs, Cultural events etc.

5.4.2 – No. of enrolled Alumni:

37

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

32714

5.4.4 – Meetings/activities organized by Alumni Association :

In academic year, two meetings of alumni are organised to discuss problems related to student's facility, Institutional infrastructure, Different activities such as blood donation, Tree Plantation, Help to needy and poor

students for development of college, Health Checkup Physical efficiency Test are taken by our Alumni and renowned Medical Practitioner. Alumni are always in touch through individual relations, telephone, media, social sites like Facebook , Twitter etc. During the meetings Student's problems, expertise sharing is done.

## 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)

The academic administration is decentralized by forming various committees. Management plays a vital role to offer operational autonomy at different levels. The committees like IQAC, Purchasing Committee, Academic Monitoring Committee, Admission Committee, Library Advisory Committee and work under the supervision of the principle of the college. The heads of the departments are empowered for perfect decentralized governing system. The committees are provided freedom to design the schedule of activities, time tables, workshops, guest lectures, etc. Head of the departments supervise the departmental activities, development plans and research. They are also given freedom to enrich the departments and laboratories through budgetary provision.

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
Admission of Students	The college undertakes online admission process. Every data of the students is saved and kept secret. It has formed admission committee which takes care of the filling up the admission and assists to the students in this regard. Their forms are also scrutinized and verified by the members of the admission committee. Students are also guided by the teachers so that they take proper decision and select their branches like Arts, Commerce and Science.
Industry Interaction / Collaboration	Keeping in view today's corporate scenario, the students and staff members, industrial study tours are organized. It encourages and inspires the students about their future and motivate them regarding the employability. The college also arranges placement drive in the campus. Department of Botany has collaboration with Anuradaha Pharmacy college, Chikhli, Dist. Buldana. Dr. V. U. Pochhi madam guided the students in identifying the plants for their projects. The students were given authentication certificates.

<p>Human Resource Management</p>	<p>The college perennially work for the overall development of its staff members and students to ensure a healthy atmosphere. Many students take the benefit of gym of the college for their physical fitness cultural programmes are conducted to develop the personality of students and made aware of the social responsibility to build the strong nation. In such league programmes special days like Yooga Day, Women's Day, Forest Conservation Day, and Ozone Day are organized. Duty leaves are sanctioned by the principal to the teachers who participate and give their contribution in national and international conferences, Short Term Courses, seminars, etc.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The institution has well equipped library building along with the numerous text books, references books, periodicals of faculties like Arts, Commerce, and Science. The total numbers of books in the library are 27363.( Text Books-40117, Reference Books-4145, Journals-23550, INFLIBNET-97000, e-journal-5900). For the advance study of the faculty members, INFLIBNET facility is also provided to the students and teachers. Separate reading room is allotted to the students. The departments of Botany and Micro-biology have MoU with Anuradha Pharmacy College, Chikhli, Dist. Buldana.The college has made available separate reading hall 'Kalpataru' for the students who study for competitive examinations. As an outcome of it, some of the students cleared SET exams.</p>
<p>Research and Development</p>	<p>To enhance the research among the staff members Research Promotion Committee is formed. It has got definite outcome such as- i) Teachers are made aware about the various research schemes so that they invite proposals for MRPs. ii) Faculties participate in research activities like Orientation Courses, Refresher iii) Courses, seminars, workshops, conferences, etc. iv) Emphasis is given on publication of research papers, articles, books, etc. v) For advance research, infrastructural facilities are provided. Study leave is granted for those who desires to work under FIP. As an output of such</p>

	<p>encouragement, till now thirteen teachers have been awarded the highest academic degree like Ph. D. and five are pursuing for it.</p>
<p>Examination and Evaluation</p>	<p>For the smooth functioning of the examinations like unit tests, semester pattern examinations and its evaluation, principal, officer in-charge of examination and related staff conducts meetings oftenly. Staff members of the college are intimated timely regarding the modified rules of the examinations. Internal evaluations such as assignments, written tests, oral tests, project reports are conducted. Throughout the year, as per the schedule of the evaluation process is followed for the betterment of students' performance.</p>
<p>Teaching and Learning</p>	<p>The institution focuses on following measures for effective teaching learning process: i) Recruitment of highly qualified and skilled non-teaching staff. ii) Library, laboratory and ICT facilities are provided to the students. iii) Reference books, journals, periodicals and other learning sources are easily made available for both teachers and students. iv) Teachers are permitted to participate in Refresher Courses, Orientation Courses conferences, seminars, Short Term Courses, Faculty Development Programs, etc. for knowledge updation. v) The prizes and awards are given to the teachers to encourage them regarding their performances.</p>
<p>Curriculum Development</p>	<p>The institution implements all the undergraduate and post graduate courses run by Sant Gadge Baba Amravati University, Amravati. For certificate course like Communication Skills in English Language, staff members of the English department have added some basic grammatical and practical heads for the development of the students. There are some faculties working as members on Board of Studies (B.O.S.). Now and then they suggest certain addition I curriculum at university level to enhance the quality of the syllabus so that students should get knowledge that could be helpful for them in their future career.</p>

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

E-governance area	Details
<p>Planning and Development</p>	<p>The college has software Campus ERP that preserves and provides complete data of academic and official under one system of online information.</p>
<p>Administration</p>	<p>The college adopted the policy of paperless work. Minimum use of papers and maximum work is done online such as notices, admission, reading e-journals, etc. it has become so useful and helpful for smooth functioning administration. It is one of the transparent ways of administration to share the views with saving time.</p>
<p>Finance and Accounts</p>	<p>With the help of computerization, data of finance and accounts is being preserved very safe. The related documents are scanned properly e-filling and budget transactions are done systematically by the software. The management has a bird's eye view over the finance and account of the college for smooth functioning of the grants in collaboration with the principal of the institute. Often the guidance of the management is sought.</p> <p>To fulfil the mission of the institution, it takes the help of the financial sources such as- fees collected from the students, non-salary grant from the state government UGC grant, etc.</p>
<p>Student Admission and Support</p>	<p>Online tools are used for the students' admissions so that the students can be kept easily in contact with the teaching and non-teaching staff. Through the messages they are informed now and then regarding their attendance, the dates of examination, filling up the scholarship forms, etc. they are also conveyed frequently academic and official activities. Like students' groups, for teaching and non-teaching faculties, What's App groups are created to post updates and notices apropos of meetings, academic and official purposes.</p>
<p>Examination</p>	<p>The college conducts examinations like unit tests, semester wise Winter and Summer exams with the help of teaching and non-teaching members. It is being conducted as per the instructions of the rules and regulations of Sant Gadge Baba Amravati University, Amravati. For the sake of students and smooth administration of</p>

exams, notices and roll numbers are flashed on the notice to avoid the chaos of the students. The principal, officer-in-charge and co-officer of examination carry major responsibility of examinations. Apart from that the marks of internal assessment are sent to the examination department of the university. Before sending the marks to the university, marks of unit tests and assignments are displayed on the notice board. If the students have any query, it is rectified legally and afterwards marks are sent to the concerned department of the university.

### 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	Dr. P. P. Padghan	Notional Conference on Physics Chemistry of Materials	Nil	5500
2020	Mrs. S. A. Katole	New Advances in Teaching and Learning	Nil	300
2019	Mr. M. D. Kolte	Emerging Trans-Disciplinary Approaches in Bio-Sciences-2019	Nil	400
2019	Mr. D. L. Gavande	Emerging Trans-Disciplinary Approaches in Bio-Sciences-2019	Nil	400
2019	Dr. M.T. Nikam	Emerging Trans-Disciplinary Approaches in Bio-Sciences-2019	Nil	400
2019	Dr. V. U. Pochhi	Innovative and Best Practices in Higher Education	Nil	1500
2019	Dr. V. M. Hemke	New Advances in Teaching and Learning	Nil	300

2019	Dr. S. I. Jukkalkar	Revised NAAC Framework and E-Documentation	Nil	500
<a href="#">View File</a>				

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)
2019	Nil	Short Term Computer Training Program	02/10/2019	16/10/2019	Nil	20
2019	Induction Program for newly Appointed Teachers	--	16/10/2019	16/10/2019	13	Nil
<a href="#">View File</a>						

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	1	22/07/2019	03/08/2019	13
Annual Refresher Programme in English Language Teaching (Swayam Arpit)	1	22/08/2019	16/02/2020	140
Short Term Course	1	03/02/2020	15/02/2020	12
Faculty Development Programme	4	21/05/2020	26/05/2020	6
Faculty Development Programme	1	18/05/2020	03/06/2020	17
Faculty Development Programme	1	20/04/2020	06/05/2020	17



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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
36	36	31	31

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Shri Shivaji Employees Credit Society, Chikhli , Dist. Buldana, Group Insurance, Gym Facility, Sport and yoga Facility	Shri Shivaji Employees Credit Society, Chikhli , Dist. Buldana, Uniforms for peon, Gym Facility, Sport and yoga Facility.	Meritorious Students Scholarship by Salary earner's Society, Gym Facility, Periodical medical checkup and facilities, Sport and yoga Facility.

**6.4 – Financial Management and Resource Mobilization**

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

The institute carries out every year the internal and external academic audit. Internal audit is conducted by the auditor Bhagwan Nagwani and Co. appointed by the management. The external audit is conducted by the government senior auditor of Amravati division and finally from the auditor, Nagpur. Before the College Development Committee the audited reports are discussed keeping in view the overall development of the college. If there are any queries, that are solved satisfactorily in the interest of college development.

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
Nil	0	Nil

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6.4.3 – Total corpus fund generated

132000

**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	Internal Agency	Yes	Academic Audit Committee at college level.
Administrative	Yes	Senior Auditor, Amravati.	Yes	College Development Committee (CDC)

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

- Parent Teacher Meet.
- Tree Plantation
- Cleanliness campaign

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

- Laboratory Safety Awareness Program
- Awareness Program For Fire Extinguisher
- Energy Resource Saving Workshop
- Water Management
- Health Awareness program

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

- 1) Research Activities: • Publication by the teachers at national and international level. • No. of research supervisors and research centers increased at college level. 2) Recognition of Ph. D. Research Centres in Marathi, History, Economics, Political Science, English and Commerce 3) Participation and presentations at national and international conferences. 4) ICT facility is provided to the teachers

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

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
2019	State Level Rangoli Competition on Immunology In Collaboration with Microbiologist Society, India.	16/08/2019	16/08/2019	16/08/2019	29
2019	Student Induction Programme (for all faculties)	19/08/2019	19/08/2019	24/08/2019	7
2019	University Level Workshop on Cyber Crime Security	17/09/2019	17/09/2019	17/09/2019	73
2020	University Level Soft Skill Development Workshop	08/02/2020	08/02/2020	08/02/2020	83
2020	University level hands on Training on Plant Tissue Culture	17/02/2020	17/02/2020	17/02/2020	200

2020	State Level Workshop on Ethical Hacking	25/02/2020	25/02/2020	25/02/2020	103
2020	State level Poster Competition on Energy Awareness Environment Conservation	12/03/2020	12/03/2020	12/03/2020	189
2020	E-Poster Competition on Environmental Youth	22/04/2020	22/04/2020	22/04/2020	87
2020	One Week e-Short Term Course on Plant Propagation Nursery Management	05/05/2020	05/05/2020	05/05/2020	406

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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
Cybercrime and security Program (NSS)	17/09/2019	17/09/2019	73	87
Participation in Women's Empowerment Workshop at Sant Gadge Baba Amravati University Amravati	08/03/2020	09/03/2020	5	3
Women's Health Checkup Camp at Satgaon Bhusari, Tq. Chikhli, Dist. Buldana.	09/01/2020	09/01/2020	43	Nil

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

• Seed Ball Preparation Workshop-10/06/2019. • Tree plantation Programme in College Campus (Jointly organised by NSS NCC) – 1st 3rd July 2019. • Organisation of Ozone Day (Dept. of Zoology) – 16th Sep. 2019. • Wild Life Conservation Week (Dept. Of Zoology)- 1/10/2019 to 7/10/2019 • Construction of Small Project - Rain Water Harvesting at Satgaon Bhusari, Tq. Chikhli, Dist. Buldana. By (NSS) – 28th Dec. 2019 to 4th Jan. 2020. • Jal Pe Charcha at College Campus (Tahsil Agricultural Officer Chikhli.) – 6th March 2020. • State level Poster Competition on Energy Conservation and Environment Conservation (Dept. of Physics) – 12th March 2020. • Energy awareness programme organised for teaching non-teaching staff members on 12/03/2020. • Eco-friendly Colour Preparation Workshop for Holy (Dept. of Botany) – 20th March 2020. • One Week e-Short Term Course on Plant Propagation Nursery Management-05/05/2020 to 11/05/2020

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	No	Nil
Ramp/Rails	Yes	5
Braille Software/facilities	No	Nil
Rest Rooms	Yes	1
Scribes for examination	Yes	2
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	2

#### 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	1	27/09/2019	1	Blood Donation Camp	Social responsibility of blood donation	90
2019	1	1	30/12/2019	1	Blood Group Check-up Camp	Blood Group Check-up	45
2019	1	1	31/12/2019	1	Awareness against superstitions,	Awareness against superstitions,	67

					Addiction free movement and Importance of Gramgeeta	Addiction free movement for peoples in ruler area	
2020	1	1	02/01/2020	1	Eyes and Dental Check-up camp	Awareness about Eyes and Dental health	25
2020	1	1	03/01/2020	1	Information about various welfare government scheme for ruler people	Awareness about various welfare government scheme	25

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

Title	Date of publication	Follow up(max 100 words)
Handbook: Code of conduct and professional ethics	01/07/2019	The mission of our institution is "Tamaso-Maa-Jyotirgamaya" i.e. To Lead Me From Darkness To Light. By keeping in mind the mission, we encourage the students to develop educationally, professionally, socially and spiritually to meet the challenges of life. To seek the above mission and goal we fallow, the code of conduct designed by UGC and S.G.B. Amravati University, Amravati and our parent body, Shri Shivaji Education Society, Amravati. We also incorporated the required expectations in code of conductand professional ethics for all the stakeholders and published it. We also displayed it on the notice board.

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	38
Shahu Maharaj Birth Anniversary (Social Justice Day)	26/06/2019	26/06/2019	32
Celebration of Independence Day	15/08/2019	15/08/2019	247
Pandharinath Patil Birth Death Anniversary	21/09/2019	02/10/2020	73
District level Examination on Gandhain thoughts by Marathi Department	01/10/2019	30/10/2019	24
Universal Human Right Day	10/12/2019	10/12/2019	37
Dr. Panjabrao Deshmukh Birth Anniversary	23/12/2019	27/12/2019	314
National Voters Day	25/01/2020	25/01/2020	43
Celebration of Republic Day	26/01/2020	26/01/2020	223
Shivaji Maharaj Birth Anniversary	19/02/2020	19/02/2020	42
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Tree plantation Programme in College Campus (Jointly organised by NSS NCC) - 1st 3rd July 2019
- Congress Grass Eradication Campaign at College Campus, Chikhli (NSS). -14thAug. 2019.
- Save Sparrow Campaign (Dept. of Zoology) - 27th March 2019.
- Eco-friendly Raksha-Bandhan by Dept. of Botany
- Cleanliness Campaign in College Campus (NSS) - 14th July 2019.

#### 7.2 – Best Practices

##### 7.2.1 – Describe at least two institutional best practices

Best Practice-I 1. Title of the Practice: Induction program (Bridge Course) for B.Sc.-I Students. 2. Objectives of the Practice: i) To bridge the educational gap between 102 and B.Sc. system. ii) To prepare students ready to perform the practical's in the laboratory. iii) To facilitate students with basic knowledge and training to calculate least counts of various instruments. 3. The Context: Students opting for B.Sc. Physics come from various educational backgrounds. They are expected to know some of the basic things e.g. calculation of least count of various instruments, error calculations, significant digits, etc. But, they lack these understandings due to various reasons. In view of this, our department provide students an opportunity to learn the basics of experiments from the beginning. Students are given this course for approximately one month before the starting of actual experiments in the laboratory. 4. The Practice: We conduct induction program for the newly admitted students to B.Sc. - I (Sem.

-I) since last three years. In this program, students are given power point presentations based on "How to calculate Least Counts of various instruments", "Significant digits", Error analysis", etc. After power point presentation, measurements (e.g. Diameter length of cylinder, breadth thickness of iron block, Diameter of sphere, thin wire, thickness of glass plate etc.) using Vernier Calliper Screw Gauge are explained by using simulations on 'Amrita University Virtual Lab' (A project is an initiative of Ministry of Human Resource Department under National Mission on Education through ICT.) . A hand on training is also arranged for the students. Different modules are prepared in order to bridge the gap between 10<sup>2</sup> system and university education system.

73 students of B.Sc.-I were participated in this programme. 5. Evidence of

Success: This practice helps students to calculate Least Counts of various instruments and Error analysis. When students actually perform experiments in laboratory then most of the students themselves take measurements of dimensions (i.e. breadth thickness of a beam, radius of a wire etc.) of various objects.

6. Problems Encountered and Resources Required: i) Students database regarding their previous educational background are to be collected to implement this practice efficiently. ii) Students taking admission late in the college miss this course and separate methodology is to be adopted for such students. Best Practice-II

1. Title of the Practice: Social awareness about "Cyber Security Ethical Hacking. 2. Objectives of the Practice: i) To evaluate the security and identify vulnerabilities in systems, networks or system infrastructure. It

includes finding and attempting to exploit any vulnerability to determine whether unauthorized access or other malicious activities are possible. ii) To aware students with basic knowledge of cyber security ethical hacking. 3. The Context: Increased Internet penetration for applications such as e-Governance,

e-Commerce, e-Banking, digital payments, e-Learning, smart cities, etc. has resulted in an exponential rise in sophisticated attacks on Information Technology (IT) infrastructure. This has lead to Cyber Security as an important aspect to secure our computers and networks. Both government industry are becoming the victims of cyber criminals, including companies working in security technology. Cyber Security is going to be a much more serious problem

in the coming years. Hence, it becomes more important essential to be aware of the challenges and methods to meet the new age attacks. 4. The Practice: We conduct workshop on Ethical Hacking for the students on 25th Feb 2020. This workshop, is beneficial to aware the students about to protect the confidentiality of data. To preserve the data integrity to promote the availability of data for authorized users, the experts are given power point presentations and hands on to students. Mr. Prashant Mahajan Mr. Santosh Tirthpure (Jetking Institute Aurangabad) was the resource person for the workshop. Dr. A. M. Garode was president for the inauguration program Dr. V.U. Pochhi IQAC- Coordinator was chief guest for inaugural program of ethical

hacking workshop. This workshop was successfully completed under the coordination of Dr. A.B. Kadam Convener, Dr. M. E. Jadhav Coordinator, Dr. S. S. Gaikwad Co-Coordinator, Prof. R. A. Bhawar Prof. M. G. Bhatkar with support of Mr. R. P. Bhatkar Mr. Sachin Chavan. 5. Evidence of Success: We have received great response for the ethical hacking workshop. Total 112 participants were attended this workshop from different cities with good feedback.

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

<http://shivajichk.com/wp-content/uploads/2021/06/Best-Practice-2019-20.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

The College is established in 1967 to serve the educational needs of rural area students. Dr. Punjabrao Deshmukh, the first agriculture minister of independent India and Dalitmitra Pandarinathji Patil worked under the banner of Shri Shivaji Education Society, Amravati. Some other Social activists and some farmers from nearby area contributed for the development of this educational institution. The sole aim behind the establishment of this institution is to provide higher education to the students from downtrodden society. In 1967 this was the only rural area educational institution in the buldhana district which imparted science education to the students. Since then all the administration including the faculty have-been striving for the educational upliftment of the needy student's. The college runs in three faculties' viz. science, arts, and commerce. As a result of the distinctive efforts of the institution to provide education to the students of socio-economically backward society, the enrolment of girls at under graduation level increased considerably. To cope up with the development in science, subject subjects like computer science, microbiology and electronics have been introduced in the science stream. The vision of the institution is "Excellence and Service", to lead me from "Darkness to Light". In accordance to the vision, to equip the students with knowledge and skill, in addition to the regular teaching we conduct the following activities: 1) Carrier counselling centre has been established to guide the students. 2) Woman's Grievance cell has been established. 3) Workshop for the development of English communication skill is conducted in the institution. 4) Environmental awareness cell is established. 5) Remedial classes are conducted. 6) To motivate students to present their views on different topics, college magazine is published every year. 7) The NCC unit of the college is working for inculcating patriotism devotion to the nation among students. Many students after acquiring c-certificate join army to serve the nation. 8) The NSS unit of the college provides opportunities' to the students to observe the society and to acquaint themselves with social problems, such as farmer's suicide, superstitions. They also get opportunity to serve the people. 9) Different sports activities are conducted from the college for the all-round personality development of the students. 10) Different programs are organized to inculcate human values such as celebration of constitution day, birth and death anniversaries of social and political leaders, and voter's awareness program. Yoga- day is also observed. 11) Feedback system has been implemented in the college for valuable suggestions from all the stakeholders. 12) Alumni association has been established. 13) Student's research competitions are organized and students are motivated to participate in different science competitions. 14) Rain water harvesting project has been implemented in college campus to make students aware about water- conservation. This resulted in the rise of water level in the college campus as well as in the surrounding area. 15) Awareness programmes like "gender equality" and "save-girl-child" are organized. 16) Students are motivated to participate in cultural participation such as youth festival and annual gathering

Provide the weblink of the institution

<http://shivajichk.com/wp-content/uploads/2021/06/Institutional-Distinctiveness.pdf>

## 8.Future Plans of Actions for Next Academic Year

- Proposal for Certificate courses in Botany, Zoology and English.
- Campus Green Audit, Environmental Audit Energy Audit.
- Extension and modification of vermicompost project.
- Organization of University/State/National level seminars on various socio, economical and environment topics.
- Organization of workshop on gender issues.
- Organization of workshop on Intellectual Property Rights (IPR).
- To enhance research publications of faculty members.
- To encourage faculty member to peruse Ph.D. work.
- Tree plantation in college campus area and



beyond campus area like adopted village of NSS. • To conduct induction program for first year students of B.A., B.Com. and B.Sc. • Organization of various extension activities. • Plantation of mulberry plants in college campus.