



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE
Name of the head of the Institution	Rameshvar Bhise
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07242410438
Mobile no.	9970151348
Registered Email	principal@shivajiakola.ac.in
Alternate Email	rambhise111@gmail.com
Address	Shri Shivaji College of Arts, Commerce and Science, Near Shivaji Park, Akola
City/Town	Akola
State/UT	Maharashtra
Pincode	444003

<b>2. Institutional Status</b>	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr.Ashish S. Raut
Phone no/Alternate Phone no.	07242410438
Mobile no.	9822731118
Registered Email	iqac@shivajiakola.ac.in
Alternate Email	iqacasraut@gmail.com

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.shivajiakola.ac.in/pdf/AQAR%202018-19.pdf">http://www.shivajiakola.ac.in/pdf/AQAR%202018-19.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://www.shivajiakola.ac.in/pdf/Academic%20Calender 19-20.pdf">http://www.shivajiakola.ac.in/pdf/Academic%20Calender 19-20.pdf</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.11	2010	28-Mar-2010	27-Mar-2015
3	A	3.24	2016	17-Mar-2016	16-Mar-2021

<b>6. Date of Establishment of IQAC</b>	25-Jan-2005
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**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

Academic and Administrative Audit	13-Dec-2019 1	200
Participated in NIRF	01-Sep-2019 15	38
IQAC meeting with HOD (Online)	17-Apr-2020 1	25
Regular IQAC meetings ONLINE	26-Apr-2020 1	10
Regular IQAC meetings	05-Feb-2020 1	10
Regular IQAC meetings	04-Nov-2019 1	10
Regular IQAC meetings	07-Jul-2019 1	10
Feedback collected analysed and used for improvements. Outcome oriented feedback system	16-Mar-2020 4	1437
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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
Institution / College as a whole	DSTFIST	DST	2016 1825	8000000
Department of Political Science	MRP	ICSSR	2019 720	600000
Department of History	MRP	ICSSR	2019 720	300000
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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 :**

4

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

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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
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**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

1. Participation in NIRF 2. Student Satisfaction Survey 3. Online Teaching learning process 4. Online Workshops/ Webinars/ Conferences 5. Appeal to teaching faculty to submit research projects to various funding agencies 6. Social Awareness / Participation in Covid 19

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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
Organize workshops/seminars / Competitions for Students	Webinar on Research Methodology- 12/04/2020
Organize workshops/seminars / Competitions for Students	World wild Life week was celebrated by Department of Zoology on 10 Oct. To 7 Oct. 2019. On this occasion poster competition was organized and more than 200 students were participated
Organize workshops/seminars / Competitions for Students	Two day online webinar on Career opportunities in IT on 23-24/10/2020 by Department of Computer Science and Career and Counseling center.
Workshop on Value based education	Webinar on Converting lockdown period to Golden Period (13/04/2020)
Workshop on Value based education	A workshop on value based education for students was organized on 31/12/2019 . More than 60 students were participated in this workshop.
Workshop on Value based education	Varhadi Lokkala Sahitya Sammellan was organized on 10/10/2019. More than 200 students and faculty members were reginsrered for this event.
Organize workshops/seminars on quality related themes related to the 7-criteria outlined by NAAC.	Organized Online NAAC awareness workshop in collaboration with RUSA Maharashtra and Join Director Higher Education Amravati on 23/06/2020
Organization of Workshop for students	A National workshop on CSIR-UGC NET JRF/LS preparation in Life Sciences on online platform BOTANY 4U in collaboration with MP Deo Memorial College, Nagpur., Shri Shivaji Science College, Amravati & Bhavans College, Mumbai. (21-23 July 2020). For this National workshop more than 450

	students were registered.
Organization of Workshop for students	Organized One week workshop on CSIR-UGC NET preparation in Life Sciences by Department of Botany, for Life science students from 26 to 31 May 2020. For this workshop about 348 participants were registered
Organization of Workshop for students	Regional level Workshop on Best out of plant waste : The event is organized by the Department of Botany. The workshop was open for all students and addressed by the experts. On this occasion a competition of preperation some new things from plant waste was organized and about 60 students were participated in the competition (17/09/2019).
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<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	13-Dec-2019
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2020
Date of Submission	14-Mar-2020
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	The College has Management information system (MIS) which facilitates and organizes management of computerized database of financial information. Through these modules data are organized and programmed in such a way that it produces regular reports whenever needed by various levels of management in the college, it is also possible to obtained special reports from various budget heads. It gives feedback about performance on various aspects of management. These interpretations help to monitor financial planning of the college as a

whole. Information displayed by the MIS typically show actual data against planned results and also results of previous years. Thus, it measured progress against the goals. The MIS receives data from different units. Some of the data are collected automatically from computers linked, checkout counters while other share keyed in at periodic intervals. In addition to financial database, students database are also hosted in the college server with specialized access to the authorized persons, operational on line admission, maintaining students information, computerized TC, Scholarship data and Services. Software provides different reports for ISHE and AQAR data, College library automated with SOUL 2.0 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

Institution follows the academic calendar issued by the affiliating Sant Gadge Baba Amravati University. For effective implementation of curriculum and the college also develops its own academic calendar and displays the action plan. The institute adheres to the syllabus prescribed by the University. To ensure the effectiveness of the curriculum deliveries following steps are taken by the college.

- At the beginning of the academic year of the college Principal conducts meeting with all faculties of the departments and finalizes the academic programs.
- Time table committee frames the timetable so that, each subject gets sufficient number of periods as per the guideline of university.
- The IQAC improves the programs for effective teaching.
- The Institute encourages the teachers to attend orientation programs organized by the Board of Studies in respective subjects to acquaint themselves with the depth of theory, practicals and the reference material. This is further supplemented by various refresher courses, workshops, teacher training programs, short term courses conducted by Academic Staff College and other institutes from time to time.
- ICT facilities provided in College and resource material support from Library (like e-journals, N-List, INFLIBNET etc.) helps in effective implementation of the Curriculum.
- Teachers are made in charge of various aspects of curriculum with respect to planning and execution

- 1) Students are divided into groups; a teacher is made in charge of that group and guides them for seminars and projects, right from reviewing of literature to presentation.
- 2) Continuous monitoring of the students as a part of internal assessment.
- 3) Faculty members are available after the class hours to clear the doubts of students.
- 4) Simplification of curriculum delivery through teaching outside the classroom.
- 5) Industrial visits to understand production, technical and manufacturing processes.

- Each faculty member strictly follows the timetable of curriculum given by the college and university, also maintains the record of lectures engaged by him/her and the topics taught by him/her every day in

academic dairy. • Every subject teacher uses the teaching aids to make teaching effectively through models, specimen and charts to the students along with use of digital class room for effective teaching. • The teacher provides power point presentation, hard copy, CD's, website address to the students to enhance their knowledge apart from fieldwork and demonstration method for effective teaching. • Institute conducts one internal examination in each session as per the guideline of affiliating university. Slow and fast learning students are identified in each class. The remedial classes conducted for slow learners and for fast learners provide books and inspire them to participate in seminars and other academic activities organized by different colleges like Avishkar, Seminar/ Posters competitions etc. to raise their academic performance. • At the end of each semester feedback is from all the students in structured format which is conveyed to the faculty members after analysis. To bridge the gap between curriculum and the industry requirements industrial visits, expert lectures are arranged for the students.

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
Certificate Course in Laboratory Techniques	DCLT / ADCLT	16/06/2019	180	yes	Provide students with the qualifications, theoretical skills, practical knowledge and experience to work as a Laboratory assistant or technician in medical, environmental, industrial, food, educational or commercial laboratories.
Analytical Chemistry	Nil	16/06/2019	180	yes	Drug manufacturing, process control in industry, environmental monitoring, medical diagnostics, food production, and forensic surveys

Digital Affiliation Marketing	Nil	16/06/2019	180	Yes	The product creator and seller..
Information Computer Technology	Information Computer Technology	16/06/2019	365	Yes	Students s tudy the design, development and analysis of software and hardware used to solve problems in a variety of business, scientific and social contexts.
Manufactur ing of Electronic Kits	Manufactur ing of Electronic Kits	16/06/2019	180	Yes	Covering areas ranging from simple control systems handling processes and machines, through to digital manu facturing
Funtional English	Nil	16/06/2019	180	Yes	Excellent written and oral communi cation skill s.
Tourism	Tourism	16/06/2019	365	Yes	It gives access to a career as a Tourist Guide, Tour Manager, Adventure Sports Activity Manager, Travel Consultant, Event and Conference Manager, Air Cabin Crew or Airport Ground staff,etc



Fashion Designing	Fashion Designing	16/06/2019	365	Yes	clothing t extiles, sketching and drawing of outfits, fashion even ts, managing a fashion ho use etc
Biomedical Instrumentation	Nil	16/06/2019	180	Yes	Designing, developing, testing and modifying products, equipment and devices related to medical and educational field.

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	0	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
MSc	Chemistry	01/07/2019
MSc	Physics	01/07/2019
MSc	Zoology	01/07/2019
MSc	Botany	01/07/2019
MSc	Microbiology	01/07/2019
MSc	Biochemistry	01/07/2019
MSc	Computer Science	01/07/2019
MSc	Geoinformatics	01/07/2019
MSc	Mathematics	01/07/2019
MSc	Textile & Clothing	01/07/2019
MSc	Human Development	01/07/2019
MSc	Food & Nutrition	01/07/2019
BSc	Home Science	01/07/2019

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

	Certificate	Diploma Course
Number of Students	392	54

### 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
Valu education workshop on stress Management and Entrepreneurship	13/12/2019	30
Industrial Visit To Krishi BajarSamiti Committee	21/09/2019	20
Soft Skills Development Workshop On KaushalayaVikas Yojana	30/09/2019	50
Financial Help To Tribal Of Melghat For Diwali Through Paper Waste Selling	17/10/2019	25

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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
Nil	Nil	Nil

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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
Since the academic session 2018-19, our institute is using online feedback mechanism. During this academic year 2019-20, the college IQAC has taken feedback of different stakeholders like students, teachers, alumni and parents. Specially in the feedback of students, teachers and alumni, we have incorporated some questions related to curriculum so that it could be modified or updated. After receipt of the feedback, it was analyzed and interpreted properly. Then, same was informed to the faculty working as BOS of respective subject to channelize the changes or updation accordingly and communicated to affiliating university.

### CRITERION II – TEACHING- LEARNING AND EVALUATION

#### 2.1 – Student Enrolment and Profile

##### 2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BA	General	520	531	526
BCom	General	620	400	392
BSc	General	520	630	619
MSc	Chemistry	30	180	30
MSc	Physics	20	95	24
MSc	Botany	20	110	24
MSc	Zoology	20	110	24
MSc	Microbiology	20	100	24
MSc	Biochemistry	20	82	26
MSc	Computer Science	20	82	27

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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	3300	1329	99	34	22

## 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
99	97	455	13	3	17

[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)

Parent Guardian Teacher Scheme has been implemented in our college with following aims and objectives. 1. To establish good sense of rapport with students to developed healthy Teacher- Student relationship. 2. The Guardian teachers are acting as mentor, guide, motivator and philosopher for students career enhancement. 3. The guardian teachers constantly interact with the assigned students to assist and solve the problems of students regarding educational, socio-economical, health and family related issues could be sort out and most possible help can be rendered to the students. For a batch of about fifteen students, a teacher is assigned the role of Teacher- Guardian. Teacher guardian works as a friend, philosopher and guide for these students. He keeps the track of every student's test results, internal assessment, preliminary examination results and other related information. he encourages the students to participate in co-curricular and extra-curricular activities. He gives academic feedback to the parents/ guardians regularly. He also counsils the students to solve difficulties and encouraged them not only in college campus but in their personal lives too. Teacher guardian acts as a mentor to students and offers them emotional and academic support along with motivation. This year due to current Covid-19 pandemic situation, all the mentor teachers were in contact with students through online mode (google class room, whatsapp groups, zoom etc.)

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3300	99	1 : 33

## 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
137	99	38	35	60

### 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
Nil	NIL	Nil	NIL
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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
BA	S.S.C. B.A. -SI	1	30/11/2019	29/01/2020
BA	S.S.C. B.A. -SII	2	28/08/2020	30/11/2020
BA	S.S.C. B.A. -SIII	3	30/11/2019	29/01/2020
BA	S.S.C. B.A. -SIV	4	29/08/2020	30/11/2020
BA	S.S.C. B.A. -SV	5	30/11/2019	20/01/2020
BCom	S.S.C. B.com. -SI	1	29/11/2019	20/01/2020
BCom	S.S.C. B.com. -SII	2	27/08/2020	30/11/2020
BCom	S.S.C. B.com. -SIII	3	03/12/2019	20/01/2020
BCom	S.S.C. B.com. -SIV	4	29/08/2020	30/11/2020
BCom	S.S.C. B.com. -SV	5	03/12/2019	29/01/2020

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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Reforms in Continuous Internal Evaluation (CIE) system at the institutional level: The Institute is affiliated to Sant Gadge Baba Amravati University, Amravati and follows the Examination pattern of the university. Sant Gadge Baba Amravati University, Amravati guidelines are strictly adhered to with respect to the evaluation process. There are two Internal tests conducted. The schedules of internal assessments are communicated to students and faculty in the beginning of the semester through the institute academic calendar which is prepared based on the university academic calendar. The institute has reformed the continuous internal evaluation system from faculty centric to student centric. The Institute Exam cell framed guidelines for conducting the CIE in line with the calendar of the Affiliate University and the Institutions. As per the guidelines, the following reforms have been carried out effectively conducting CIE: Scheduling of Internal Examination, Seating arrangements, hall invigilators listed for every examination. Preparing the question paper for the internal examination in the prescribed pattern based on Knowledge level using revised Bloom's taxonomy. Scrutiny of the prepared question paper is carried out by HoD/ Subject experts to ensure quality of the Question paper. Monitoring the attendance of the students for the Examination. Internal Assessment has to be carried out within the stipulated time. After completion of the internal examination, the faculty members evaluate the answer scripts and distribute to the students for doubt clarifications or re-correction. The faculty members submits the re-corrected scripts to the examination branch and marks are displayed on the notice board. Result review meetings are conducted with result analysis and the remedial actions for further improvements are arrived after discussion with faculty members, HoD and Principal. The evaluation for theory courses are assessed in direct mode (80) covering both internal and university examinations and indirect (20) covers surveys. The evaluation for laboratory courses are assessed in the similar pattern followed for theory courses. For each laboratory session, the student is assessed through viva questions, observations. The evaluation for the project course is assessed by conducting periodic project reviews covering key parameters like problem formulations, understanding of the project, presentation skills, communication of ideas, technical knowledge, teamwork and project management. Project consists of 100 marks. The project review committee organizes viva through external and review meetings to assess the progress of all the project batches. Performance of the students in Internal Assessment is used for Faculties to identify slow and advanced learners in their respective subjects. Slow Learners are encouraged to improve their performance in future by counseling. Counseling Sessions are used to sort out the personal issues, academic and non-academic problems. Due to Covid- 19 Pandemic, as per the Directions of University Grants Commission and Parent University, all the exams to be conducted during Summer 2020, were conducted by college authority using Online mode.

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

The college has established an Academic Planning Committee to prepare Academic Calendar and monitor its execution. The college being an affiliated institution is adhered to the academic calendar approved by the affiliating university which is preparing the Academic Calendar of the college. Before the commencement of any academic session, the 'Academic Planning Committee' prepares and finalizes the academic calendar in consultation with various stakeholders. The committee monitors the Wide spread publicity of academic calendar. The academic calendar included in the college prospectus and the institutional web site to give wide publicity. The college has established an Examination Committee to monitor the smooth conduct of University Examinations and continuous internal evaluation at institutional level. For Internal Examination / Continues assessment Notices are circulated among the college staff also so that various activities like Unit Tests, Assignments, etc. are

conducted on scheduled prescribed by Examination Committee. The college follows the standard procedure prescribed by the affiliating university to conduct semester end exams of theory and practical. Date, time, question papers and answer sheets are provided by the affiliating University, only. The evaluation of the answer books is made under the central assessment program in the university premises itself, and the teachers of the college share their part in the evaluation process. Results are declared by the affiliating university. Due to Covid- 19 Pandemic, as per the Directions of University Grants Commission and Parent University, all the exams to be conducted during Summer 2020, were conducted by college authority using Online mode.

## 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://www.shivajiakola.ac.in/pdf/PO%20SSC%20Akola.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
S.S.C. M.Sc. Com. Sci.-II	MSc	Computer Science	29	29	100
S.S.C. M.Sc. Biochem -II	MSc	Biochemistry	19	19	100
S.S.C. M.Sc. Micro -II	MSc	Microbiology	21	21	100
S.S.C..M.Sc. Zoo -II	MSc	Zoology	22	22	100
S.S.C. M.Sc . Bot -II	MSc	Botany	20	20	100
S.S.C. M.Sc . Phy- II	MSc	Physics	17	17	100
S.S.C. M.Sc . Che- II	MSc	Chemistry	28	28	100
S.S.C. B. com. -III	BCom	General	195	195	100
S.S.C. B.A. -III	BA	General	100	95	95
S.S.C. B. Sc.-III	BSc	General	371	361	97.3

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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)

<http://www.shivajiakola.ac.in/pdf/SSR%20GRAPHICAL%20ANALYSIS%20%202019%20-%202020.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
Major Projects	730	ICSSR	6	2.4
Major Projects	730	ICSSR	3	1.2

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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
NAAC awareness workshop in collaboration with RUSA Maharashtra and Joint Director Higher Education Amravati	IQAC	23/06/2020
Regional level Workshop on Best out of plant waste	Department of Botany	17/09/2019
One week workshop on CSIR-UGC NET preparation in Life Sciences	Department of Botany	26/05/2019
A National workshop on CSIR-UGC NET JRF/LS preparation in Life Sciences on online platform BOTANY 4U in collaboration with MP Deo Memorial College, Nagpur., Shri Shivaji Science College, Amravati Bhavans College, Mumbai.	Department of Botany	21/07/2019
Marathi Pradhyapak Parishad	Department of Marathi	20/01/2020
National Conference on Recent Advancement in Physical and Mathematical Sciences	Department of Physics, Mathematics and Statistics	18/01/2020
International conference on Impact of values based on M. K. Gandhi, Pandit Nehru, Dr. Ambedkar and	Dr. Ambedkar Study Center, Mahatma Gandhi Study Center, Pt. Nehru Study Center and Dr.	21/01/2020

Dr. Bahusaheb Deshmukh	Panjabrao Deshmukh Study Center	
International E-Conference on Innovative research trends in Life Sciences	Department of Life Sciences	03/12/2020

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
Inter-University Poster Competition organized by Shri Shivaji College, Akola	Nusarat Parveen- 2nd Prize	Shri Shivaji College, Akola	01/02/2020	Inter-University Competition
Inter-University Poster Competition organized by Shri Shivaji College, Akola	Bushra Anjum- 1st Prize	Shri Shivaji College of Arts, Commerce and Science, Akola	01/02/2020	Inter-University Competition
Best Out of Plant Waste competition,	Nusrat Parveen- 2nd Prize	Shri Shivaji College of Arts, Commerce and Science, Akola	17/09/2019	College level Competition
Best Out of Plant Waste competition,	Bushra Anjum- 1st Prize	Shri Shivaji College of Arts, Commerce and Science, Akola	17/09/2019	College level competition
Intercollegiate Poster Presentation competition	Akanksha Pinjarkar- 3rd Prize	Brijlal Biyani Science College, Amravati	01/02/2020	Intercollegiate Competition
Intercollegiate Poster Competition organized on Green chemistry Periodic Properties of element	Komal S. Pote- 2nd Prize	Shri R. L. T. Science College, Akola	19/10/2019	Intercollegiate Competition
IYPT- 2019	Akanksha Pinjarkar- 1st Prize	Shri Shivaji College, Akola	16/09/2019	Intercollegiate Competition
Intercollegiate Seminar Competition of	Akanksha Pinjarkar- 2nd Prize	Jagdamba Mahavidyalaya Achalpur	18/10/2019	Intercollegiate Seminar Competition



M.Sc.				
Process for the preparation of Central Nervous system (CNS) stimulant Prolintane	Dr. Mohd. Mujahid, Dr. Shirish P. Deshmukh, Dr. Subhash G. Bhadange Dr. Gajanan V. Korpe	Indian Patent Office	28/09/2020	Intellectual Property Rights

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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	Null	Null
No file uploaded.					

### 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
Biochemistry	2
Botany	2
English	1
History	2
Zoology	4

#### 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	Chemistry	3	2.7
National	Physics	5	3.2
National	Zoology	2	1.5
National	Economics	1	4.9
National	English	5	3.8
National	Geography	1	2.6
National	Marathi	4	2.5
National	Music	11	1.3
National	Sociology	1	1.9
National	Commerce	3	4.8

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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
Library Science	1
Physics	1
Sociology	1
Political Science	1
History	1
English	2
Computer Science	2
Chemistry	6
Botany	6
Biochemistry	2
<a href="#">View File</a>	

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
Synthesis and study of some transition metal complexes of Schiff base ligand,	A. B. Sahare and R. B. Mohod	International Journal of current Engineering and Scientific Research(IJCESR).Volume 6, Issue: 1, 1377-1386	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil
Synthesis, Spectral, Structural Determination and Electrochemistry of New N2O2 Donor Schiff Base of Transition Metal Complexes Derived from [1-(5-Chloro-2-Hydroxy-4-Methylphenyl)Ethanone	Jaishri N. Bavane and Rahul B. Mohod	International Journal of current Engineering and Scientific Research(IJCESR).Volume 6, Issue: 1, 1063-1070.	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil

e and 4-Chloro(-3-Trifluoromethyl)Aniline].						
Synthesis and Characterization of Nitro Aurones	R. E. Bhadange, S. G. Shende	Journal of Emerging Technologies and Innovative Research Volum 6, 399-401, 2019.	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil
Synthesis, Characterization And Biological Evaluation Of new Pyrazolines	R. E. Bhadange	Ajanta International Multidisciplinary Halfyearly Research Journal Issue no I 53-58, 2019	2019	0	Shri Shivaji Science College, Akola	Nil
Novel Synthesis and Characterisation of some Benzylidene Derivatives of GlycosylThiocarbamides	Anuja M. Mopari, Shirish P. Deshmukh and Gajanan. V. Korpe,	INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH (IJCESR) VOLUME-6, ISSUE-1, 2019	2019	0	Shri Shivaji collage, Akola	Nil
Low Temperature Stearic Acid Sol-Gel Synthesis of Nano Crystalline MgO	R. N. Wankhade, G. V. Korpe, N.S. Bajaj, V.S. Hingwe, S.K. Omanwar	Review of Research., 1, 3, 1-4, 2019	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil
Effect of antifungal activity of some medicinal plants against pathogenic	V. S. Patil	World J. of Pharma. Life Sciences	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil

fungi.5 (12),223-237						
Digitized inventory of Dye yielding plants from Melghat tribal region of Vidarbha. 6(5): XXX-XXV	V. S. Dandage S. P. Rothe	European J Pharmace utical and Medical Research	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil
Defense Gene Expression of Vigna radiata (L.) Wilczek., against Cercospora Leaf Spots (CLS), 3(3):1-8	Deepak Koche and Arvind Choudhary	J Tropical Crop Science	2019	1	Shri Shivaji College of Arts, Commerce and Science, Akola	1
Indian medicinal plants with potential antioxidant and anticancer properties : An insight., 7(1): 47-51	P. S. Kokate and D. K. Koche	European Journal of Biotechnology and Bioscience	2019	0	Shri Shivaji College of Arts, Commerce and Science, Akola	Nil

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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 excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis, Characterization and in vitro antimicrobial Activity of	Jaishri N. Bavane Rahul B. Mohod	Research Journey In ternationa l E- Research Journal. Special Issue: 10(B):	2019	3	Nil	Shri Shivaji College of Arts, Commerce and Science, Akola

Transition Metal Complexes of 1-(5-chloro-2-hydroxy-4-methylphenyl) Ethanone-4-chloro-(3-trifluoromethyl) Aniline Schiff Base		Chemistry, 149-152.				
Synthesis and study of some transition metal complexes of Schiff base ligand,	A. B. Sahare and R. B. Mohod	International Journal of current Engineering and Scientific Research(IJCESR). Volume 6, Issue: 1, 1377-1386	2019	3	Nil	Shri Shivaji College of Arts, Commerce and Science, Akola
Synthesis, Spectral, Structural Determination and Electrochemistry of New N2O2 Donor Schiff Base of Transition Metal Complexes Derived from [1-(5-Chloro-2-Hydroxy-4-Methylphenyl)Ethanone and 4-Chloro(-3-Trifluoromethyl)Aniline].	Jaishri N. Bavane and Rahul B. Mohod	International Journal of current Engineering and Scientific Research(IJCESR). Volume 6, Issue: 1, 1063-1070.	2019	3	Nil	Shri Shivaji College of Arts, Commerce and Science, Akola
Synthesis, Characterization And	R. E. Bhadange	Ajanta International Multidisciplinary	2019	1	Nil	Shri Shivaji College of Arts,

Biological Evaluation Of new Pyr azolines		Halfyearly Research Journal Issue no I 53-58, 2019				Commerce and Science, Akola
SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL EVALUATION OF 1-HEPTA-O-BENZOYL-?-D-MALTO SYL-3- SUBSTITUTED BENZOTHIAZO LYL CARBAMIDES	Anuja M. Mopari, Shirish P. Deshmukh and Gajanan. V. Korpe,	INTERNAT IONAL JOURNAL OF CURRENT EN GINEERING AND SCIENTIFIC RESEARCH (IJCESR) VOLUME-6, ISSUE-1, 2019	2019	7	Nil	Shri Shivaji College of Arts, Commerce and Science, Akola
An Alter native Synthesis of the CNS Stimulant Prolintane	M. Mujahid, G. V. Korpe, S.P. Deshmukh, S.G. Bhadange and M. Mut hukrishnan	Arkivoc, 1-6, Part V, 2019.	2019	5	1	Shri Shivaji College of Arts, Commerce and Science, Akola
Novel Synthesis and Charac terisation of some Be nzylidene Derivative s of Glyco sylThiocar bamides	G. V. Korpe, Samidha S. Kadu	Rasayan Journal of Chemistry, Vol.12,3,1 058-1062, 2019	2019	5	Nil	Shri Shivaji College, Akola
Low Temp erature Stearic Acid Sol- Gel Synthesis of Nano Cr ystalline MgO	R. N. Wankhade, G. V. Korpe, N.S. Bajaj, V.S. Hingwe, S.K. Omanwar	Review of Research., 1, 3, 1-4, 2019	2019	5	Nil	Shri Shivaji College of Arts, Commerce and Science, Akola
Defense Gene Expression of Vigna radiata (L.)	Deepak Koche and Arvind Choudhary	J Tropical Crop Science	2019	3	1	Shri Shivaji College of Arts, Commerce and

Wilczek., against Cercospora Leaf Spots (CLS), 3(3):1-8						Science, Akola
Indian medicinal plants with potential antioxidan t and anticancer properties : An insight., 7(1): 47- 51	P. S. Kokate and D. K. Koche	European Journal of Biotechnol ogy and Bioscience	2019	1	Nil	Shri Shivaji College of Arts, Commerce and Science, Akola
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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/Semi nars/Workshops	63	122	18	48
Presented papers	22	47	7	8
Resource persons	1	10	Nil	9
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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
Rashtriya seva yojana diwas aani jilhastariya chalprakruti spardha	Shri.Shivaji College of Arts,Commerce Science,akola collaboration with SGB Amaravati University,Amravati	7	193
Arogya aani swachata janjagruti vyakyan	Shri Shivaji College of Arts,Commerce Scien ce,AkolaCollaborati on with Govt. Medical College,akola	4	183
Biowest and processing workshop	Shri.Shivaji College of	5	153

	Arts,Commerce Science,akola collaboration with dainik sakal newspaper group		
Paryavaran Purak Ganesh Murti Karyashala	Shri Shivaji College of Arts,Commerce Scien ce,AkolaCollaborati on with Govt. Medical College,akola	8	98
AIDs Janjagruti Progrsmme	Shri Shivaji College of Arts,Commerce Scien ce,AkolaCollaborati on with Govt. Medical College,akola	5	193
Swachata Janjagruti Pathna	Shri Shivaji College of Arts,Commerce Science,Akola	4	29
Swachata Sarvekshan Rally	Shri Shivaji College of Arts,Commerce Science,Akola	3	180
Swachata Janjagruti Rally	Shri Shivaji College of Arts,Commerce Scien ce,AkolaCollaborati on with Akola Railway Station	3	93
Tree Plantation Programme	Shri Shivaji College of Arts,Commerce Science,Akola	7	23
World Yoga Day	Shri Shivaji College of Arts,Commerce Scien ce,AkolaCollaborati on with Dr.Panjabrao Deshmukh Krushi Vidyapith,Akola	3	78
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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
Swacha Bharat swasth Bharat abhiyan	University Level Swach Bharat Swasth Bharat Puraskar	SGB Amravati University, Amravati	200



## 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
Tree Plantation	Department of Botany and NSS Unit, Shri Shivaji College of Arts, Com. Science, Akola	Plantation in campus	5	40
Cleanliness Drive	Department of Botany and NSS Unit, Shri Shivaji College of Arts, Com. Science, Akola	Cleanliness Drive	10	40
Swacha Bharat	NSS Unit, Shri.Shivaji College of Arts, Commerce Science, akola collaboration with Akola Mahanagarपालिका	Swachata Rangoli Spardha	4	92
Aids Awareness	NSS and NCC Unit Shri.Shivaji College of Arts, Commerce Science, akola collaboration with Akola Jilha Aids Niyantran sanstha	AIDS Janjagruti Pathnatya sadarikaran	3	200
Swacha Bharat	Shri.Shivaji College of Arts, Commerce Science, akola collaboration with Akola Bus Station	Swachta Rally and Plastik mukt Abhiyan	4	130
Swacha Bharat	Shri.Shivaji College of Arts, Commerce Science, akola collaboration with Akola Mahanagarपालिका	Swachata App Download Workshop	12	93
Aids Awareness	Shri Shivaji College of Arts, Commerce	AIDS Janjagruti Progrsmme	5	193

	Science, Akola in Collaboration with Govt. Medical College, Akola			
Swacha Bharat	Shri Shivaji College of Arts, Commerce Science, Akola	Swachata Janjagruti Street Play	4	29
Swacha Bharat	NSS and NCC Unit, Shri Shivaji College of Arts, Commerce Science, Akola	Swachata Sarvekshan Rally	3	180
Swacha Bharat	NSS NCC Unit, Shri Shivaji College of Arts, Commerce Science, Akola in Collaboration with Akola Railway Station Authority, Akola	Swachata Janjagruti Rally	3	119

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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
Student exchange for project - Florentis Pharmaceuticals Pvt. Ltd.	4	Shri Shivaji College of Arts, Commerce, Science, Akola	7
Student exchange for project - Shri R. L. T. Science College, Akola	4	Shri Shivaji College of Arts, Commerce and Science, Akola	7
Research Work- CSIR-National Chemical Laboratory ,Pune,411008, India	2	Self Finance	7
Research Work- Vidyabharti College, Seloo, Dist. Wardha	2	Self Finance	7
Department of Chemistry, S.S.E.S. Amravati's Science College, Pauni	1	Self Finance	7

Dist. Bhandara, Maharashtra			
Research Work- Department of Botany, Dr. R. G. Rathod College, Murtizapur Dist- Akola	2	Self Finance	7
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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
Students Exchange	Project Work	Shri R. L. T. College, Akola	03/02/2020	08/02/2020	4
Research Work	Research Paper	CSIR- National Chemical Laboratory, Pune ,411008, India	05/06/2019	28/06/2019	2
Research Work	Research Paper	Vidyabharati College, Seloo, Dist- Wardha	15/10/2019	17/10/2019	2
Research Work	Research Paper	Department of Chemistry, S.S.E.S. Amravati's Science College, Pauni Dist. Bhandara, Maharashtra	15/10/2019	30/10/2019	2
Research Work	Research Paper	Department of Botany, Dr. R. G. Rathod College, Murtizapur Dist- Akola	15/11/2019	22/11/2019	1
Academic extension activities	Field trip	Govt. Fish Breeding Center Mahan	27/09/2019	27/09/2019	40
Academic	Bird	Forest	04/10/2019	04/10/2019	35

extension activity	Census	department wild life wing Akola			
Research and Extension	Workshop	Micrspectra software technologies pvt ltd	10/02/2020	15/02/2020	80
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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
DGIS-RS GIS Training Institute, Nagpur (MS)	25/09/2020	For student Faculty exchange, Research extension	Nil
Geotech GIS Training Institute and Consultancy Services, Aurangabad (MS)	31/01/2020	For student Faculty exchange, Research extension	Nil
Abhyankar Brothers Masalewale, Akola (MS)	25/06/2020	For student Faculty exchange, Research extension, Industrial training and placement	Nil
Rasoi Spices and Agro Processors, Akola (MS)	25/06/2020	For student Faculty exchange, Research extension, Industrial training and placement	Nil
Microspectra Software Pvt. Ltd	30/09/2020	For students exchange and extension	80
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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
76.94	99.46

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased	Existing

during the year (rs. in lakhs)	
Video Centre	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing
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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 partially)	Version	Year of automation
SOUL 2.0	Fully	2.0.12	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	55322	11671423	904	208174	56226	11879597
Reference Books	16828	1362953	125	100000	16953	1462953
e-Books	91500	5000	91500	5000	183000	10000
Journals	86	106410	11	18050	97	124460
e-Journals	1800	5000	1800	5000	3600	10000
Digital Database	16	Nill	Nill	Nill	16	Nill
CD & Video	547	Nill	547	Nill	1094	Nill
Weeding (hard & soft)	2024	79354	84	29519	2108	108873
Others (specify)	555	Nill	Nill	Nill	555	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
0	0	0	Nill
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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	282	8	230	9	1	1	31	100	5
Added	29	0	5	0	0	0	0	0	0
<b>Total</b>	<b>311</b>	<b>8</b>	<b>235</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>31</b>	<b>100</b>	<b>5</b>

#### 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
0	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
6.15	5.89	20.42	23.56

#### 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)

Institute has well defined policy for maintenance and utilization of all its physical and academic facilities which include use of equipment in various laboratories. In the Institute use of e-library facility, access to e-journals for upgradation of research work, while under ICT facility google classrooms are created through internet login and using password, Computers used for information processing centers and departmental routine administrative work. Maintenance of the computers is carried out by appointing system analyst who takes care of installing software, hardware, operating system and other applications on all the computers of the institute. Equipments in all the laboratories are also maintained through annual maintenance contracts (AMC) and also verified by annual stock checking system. All classrooms, seminar halls with ICT facility, buildings, and hostels are maintained under the supervision of building maintenance committee and infrastructure coordinators. For maintenance of library, librarian and library committee takes review. Director of physical education taking care of use of all sports complexes and sports facility, Cultural coordinator look out all the extra and co-curricular activities conducted for institutional students throughout the year. Students are encouraged to participate in curricular, co-curricular and extra-curricular activities and sports activities and inspired for the participation in institutional, national and international competitions.

<http://www.shivajikola.ac.in/pdf/Policy%20document.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	Earn and Learn Scheme, Support to Sport Student, Special Fund for needy student	177	188989
Financial Support from Other Sources			
a) National	SC Scholarship, SC Freeship, Disability, ST Scholarship, ST Freeship, OBC Scholarship, OBC Freeship, SBC Scholarship, SBC Freeship, VJNT/Scholarship, VJNT Freeship, CSS/PMS (National), SPMS/RCSM (Dhe)	3249	23509239
b) International	Nil	Nil	Nil
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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
Skill Development workshop	01/02/2020	15	Department of English and Home Science
Career Counseling	02/01/2020	65	Career counseling cell and MIT Pune
Skill development workshop	07/08/2019	7	Wave Foundation and Department of Home Science
Communication skill	01/07/2019	30	Department of English and Home Science
Bridge Course	15/07/2019	221	Department of Physics, Home Science and Zoology
Yoga and Meditation	07/06/2019	42	Department of Yoga and Home Science
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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	Number of benefited	Number of students who	Number of students placed
------	--------------------	---------------------	---------------------	------------------------	---------------------------

		students for competitive examination	students by career counseling activities	have passed in the comp. exam	
2020	One week workshop on NET- SET Coaching for Life Science	300	Nil	Nil	Nil
2020	A National workshop on CSIR-UGC NET JRF/LS preparation in Life Sciences	348	Nil	Nil	Nil
2019	Competitive Examination	7	Nil	Nil	Nil
2019	Career Counseling cell and MIT Pune	Nil	65	Nil	Nil

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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
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	NIL	Nil	Nil
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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	2	B. Sc.	Biotechnology	PGTD Biotechnology SGBAU Amravati	M. Sc. Bio technology
2019	2	B. Sc.	Botany	PGTD Botany, SGBAU Amravati	M. Sc. Botany



2019	7	B.Sc.	Botany	Shri Shivaji College of Arts, Commerce and Science ,Akola	M. Sc. Botany
2019	1	B. Sc.	Electronicsc	PDTD Electronics, SGBAU Amravati	M. Sc. Electronics
2019	2	B.Sc	Mathematics	Shri R. L. T. Science College, Akola	M. Sc. Mathematics
2019	6	B. Sc.	Mathematics	Shri Shivaji College of Arts, Commerce and Science Akola	M. Sc. Mathematics
2019	5	B. Sc.	Chemistry	Shri Shivaji College of Arts, Commerce and Science, Akola	M. Sc. Chemistry
2019	2	B. Sc.	Chemistry	Shri R. L. T. Science College, Akola	M. Sc. Chemistry
2019	2	B. Sc.	Comp. Science	Shri Shivaji College of Arts, Commerce and Science Akola	M. Sc. Computer Science
2019	5	B. Sc.	Microbiology	Shri Shivaji College of Arts, Commerce and Science ,Akola	M. Sc. Microbiology
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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	9

SET	3
GATE	1
Any Other	1
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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
Inter-University, Poster competition and Photo-exhibition	Inter- University	170
International E-conference on Innovative Research Trends in Life Sciences (Paper Presentation Competition)	International	300
Best out of Waste (Workshop cum competition)	Institutional	120
Sandhya Ukhalkar Music Competition	University Level	25
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
<b>No Data Entered/Not Applicable !!!</b>						
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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)

The students admitted to different programmes are given due representation of various academic and administrative bodies. Their representation at some place is supported by the provision made into Maharashtra Public Universities Act.

The institution also has provided a good amount of representation to the students at its own level. The following are the bodies/committees where the students are given representation 1) Students' Council (Provision by Maharashtra Public Universities Act, 2016) 2) College Development Committee. 3) Internal Quality Assurance Cell. 4) Dr. Panjabrao Deshmukh Jayanti Utsav 5) N.S.S. 6) N.C.C. Subjects Forums 8) Editorial Board of Shivdarshan : the college magazine 9) Students' Welfare Committee 10) Entrepreneurship Cell 11) Various Cells. The institution has taken keen interest to see the maximum representation of students in the academic and general governance of the institution. The students are also actively involved in organizing training and placement activities. Students through study / subject Forum organizes various events. The activities of the Subject Forums are as follows The Students' of the college is very positive, takes lead and allows the comprehensive involvement of all the students through their different class representatives. The council accommodates other active students to take initiatives related to curricular and co curricular activities. Since the students are the office bearers NSS, NCC and Subject Forums, they contribute a lot in organizing

activities such as 1) Cleanliness and Tree plantation drive 2) Organization of various workshops to improve their performance in the ensuing Youth Festival. 3) Patriotic song competition on the day of Independence. 4) Teachers' Day celebrations on 5th Sept. 2018. 5) Organization of elocution competition 6) Organization of Shivotsav 8) Sensitization programs such as a) Survey on Green Literacy Program b) Voter Awareness Programme c) Road Safety Programme 9) Organization of expert talks guest lectures under various subject societies 10) Gender Sensitisation Program 11) Health Check up Programme 12) Organise Sports, Cultural and Various Competitions. Thus the institution has given maximum representation to the students on various bodies.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has registered Alumni Association. Alumni Association of Shri Shivaji College of Arts, Commerce and Science, Akola Shri Shivaji College Alumni Association welcomes you all to join our great community which endeavors to impart, share and collaborate our collective experience among ourselves, the society and future alumni. Its time we act together, now and in synchrony to members of our society and environment a better place to be in. Feeling a duty to give back to our beloved institution the learning that we acquired from it, with renewed and fruitful learning we experienced in life enriching it further. Alumni of Shri Shivaji college has always been a source of support and inspiration for the students and staff of this college with a long list of personalities in the field of literature, music, sports and even entrepreneurship, who have become an alumni of this college have made the institution proud for years. The Association works for the development of college and organizes several programmes for the benefit of students and also give suggestions to management about development of Students and college. The alumni always come back to the institution to contribute in various ways. Every year our College arrange a Regular Alumni Meet. They conduct workshop on personality development, communication skill etc. Dr. Gajanan Nare student of our college and Director of Prabhat Kids School, Akola is President Alumni Association. The alumni of different department often guide the current students and share their experiences in the academics (by orienting and teaching them or donating their books and other materials). The Alumni of 2018 batch arranged Guest lectures on current scope on Chemistry. They contribute the Departmental Library. Even employment contribution (by training them for their recruitment or making them aware about the career options in their own field)

5.4.2 – No. of enrolled Alumni:

356

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

250000

5.4.4 – Meetings/activities organized by Alumni Association :

The meeting of the Alumni with Principal and HODs was held on 18/01/2020 in Vasant Sabagrah at 6.00 P.M. The following faculty members and Alumni were attended the meeting. Chaired by : Dr. Gajanan Nare (Director Prabhat Kids School, Akola) The following matters were discussed. The Principal welcomed the gathering and stressed the importance of Alumni network and contribution of the Alumni towards the development of the institution. He requested the Alumni to visit the college any time to provide valuable suggestion for improvement of the college or send the suggestions through email or by phone. (1) Preview of

previous year Alumni Meet. The minutes of the previous meeting was read and confirmed. (2) Alumni participation in various activities of College and Suggestions from the Alumni for the development of Institution. 1. Dr. Nare shared his work experience after the completion of his education. He highlighted the importance of acquiring language skills. He also stressed the importance of attending the Alumni meet for getting more contact with seniors. 2. Mr. Ankush one of Alumni of college worked in GMC Akola thanked the College Management for providing good infrastructure and opportunities for carrying out his education. He stressed that he gained enough confidence during his college days as representative of the class. 3. Adv. Tulsidas Sarandhar Bhore one of Alumni requested that the faculty members and College Management to give more importance to development of communication skills of the students. Also, he stressed the importance of acquiring practical skills for the better job opportunities. 4. Professor Madhu Ganpat Jadhao underlined the importance of selection of right path for the career by the students. Since every student is capable in any one of the field, they must choose right path in pursuing their career. All the points given by the Alumni are very important. The Management, Principal and all HODs will consider all the above suggestions for the development of every individual. The Meeting was ended with the resolution to take sincere efforts by everyone for alumni meet a grand success.

## **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)

Governing body of Institute exercises general supervision of all academic, administrative and financial affairs of the college. It formulates the strategic policy decision in the interest of faculty members and students considering all other stakeholders. For proper deployment and execution purpose a core committee named CDC (College Development Committee) is formulated which includes three management representatives, one faculty among head of the Departments, one staff representative and one non-teaching staff representatives. CDC acts as a link between Management and college. Meetings of CDC are held regularly to discuss matters related to development of students, faculty members and college. Further for smooth conduction of academics and administration, the college have nominated a senior faculty as faculty in-charge for each faculties in the college who are working the bridge between faculties of different departments and Principal/ Governing body. Similarly, college have constituted different committees to look after different academic, curricular and co-curricular activities. For example - the college has a purchase committee, which looks after the decision of purchases related to upgradation of infrastructure in which every faculty members as well as heads various departments are involved. Regular meetings are held with governing body and principal where the committee proposes the budget for purchase of equipments, library books and other allied items. List of all items as decided by HODs later put forward. For purchase of every item, needs approval from purchase committee. Quotations are taken from different dealers comparative statement was prepared and forwarded to Principal. The principal forwards this to Management for final approval. In this way, the college has practice of all decisions originating from the lower level bodies and their screening and evaluation by higher level bodies thus manifesting principles decentralization of authority. Participative Management: The culture of participative management is achieved through the committees operating at strategic level (GB, CDC and Principal), Functional level (HODs) and operation (Faculty and students) levels of management. Stakeholders at all levels have opportunity to contribute his/her innovative ideas leading towards achievement excellence. The committee initiates by planning annual calendar of events. He students are regulating all

activities. Such ambiance is created where students come forward with innovative ideas. • The Head of the Departments oversees the Teaching Plans of his/her departmental members. • HOD is empowered to make adjustment in the routine to allot teaching assignments and evaluation duties. HOD often takes the lead in planning different departmental activities. And have liberty to introduce creative innovative measures for the benefit of students. • The Head has flexibility to introduce new components of syllabus Enhancement/Vocational Courses youth festival, AVISHKAR etc. • The Head, in consultation with departmental teachers enjoys total flexibility in planning and organizing seminars or other activities for students benefit. The above enumeration of features comprising participatory management points fairly conclusively to the ethics of decentralization which is integral part of the institution.

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	For admissions UG and PG courses in the college, a central admission committee was formulated and process was executed well in advance. To reach the broader spectrum of students, detailed information of offline and online admission procedure is given in the college prospectus and uploaded on the college website for publicity, promotion and admission from different sectors. Admission to all programmes is made as per the norms of Government of Maharashtra and affiliated university. Prospectus also consists of information regarding quota, scholarships, free-ship and concessions for economically backward classes. A separate quota for students in sport and cultural activities and Divyangjan is observed. During 2019-20, all admissions were completed using online services
Industry Interaction / Collaboration	As an academic institute, we strive to cater to the needs and demand of the industry in terms of skill set required by them. Some of the college alumni members are from Industrial sector. Some of the courses like Insurance, electronic kit preparation and Fashion designing are pure industry related courses managed by college and cater to students as optional certificate or diploma course. Effective collaborations/ MOU are made to acquire skills from experts. Total 05 MoU's were signed during the academic year 2019-20.
Human Resource Management	The appointments of teaching and non

teaching are done by Parent society following all state government rules, This year 35 new teaching staff appointed by parent society to our college, also for self finance courses adhoc and clock hour basis teachers appointed by parent society following all norms

Library, ICT and Physical Infrastructure / Instrumentation

Institute has provided an adequate infrastructure and ICT facilities for efficient conduct of curricular and co-curricular activities. Institute has upgraded art classrooms, Commerce, science and Home Science laboratories, E-classrooms, Gym etc. Library is upgraded in the regards of books, journals, e-journals, e-books, digital database, CDs and Videos, also equipped with fire fighting mechanism, CCTV cameras. NRC facility is provided to facilitate the students. The partial energy need of the Campus is fulfilled by solar energy. Some science laboratories were renovated and upgraded.

Research and Development

Institute encourage faculties for reflective thinking, creative ideas and innovative research, which has resulted in their national and international publications. The Institute provides research fund as seed money to conduct quality research projects in all fields. Also encouraged to apply for funding from various agencies. The Institute has 16 research centres approved by Parent University. College authority had organized a workshop on IPR and patenting, One faculty member sanctioned Patent from Indian Patent office. the researchers are also made aware about research ethics and code of conduct. The College had organized Two International National conferences and one National conference.

Examination and Evaluation

The college follows the standard procedure prescribed by the affiliating University to conduct the theory and practical examinations for Under Graduate and Post Graduate courses. The college conducted home examination, for semester pattern in 2019-20. Both term exams and Internal examinations and Evaluation of the answers sheet was conducted at college level using online mode, followed by declarations of results by the affiliating university. For outcome based education and to



ensure continuous internal evaluation of the learners, the faculty members have made additional efforts by conducting Mock Practical examination, unit tests, assignments and visits and excursions wherever possible online due to Covid-19 effect.

Teaching and Learning

To provide sufficient and equipped infrastructure is the foremost priority of College management/ Governing body. The college have been designed to shift from traditional tools to digitally advanced tools like ICT enabled classrooms, classroom equipped with interactive board, e-classroom and English Language Lab facility. The management encourages college faculties to bring innovation in their teaching learning and evaluation techniques remedial classes for slow learners to bring them back into the mainstream, blended learning, Case study method, Self learning through live projects, Internship based learning, fieldwork, learning expeditions, projects, debate and elocution competitions, group discussions, seminars for their learning. During the session 2019-20, major portion of teaching learning was done through online mode.

Curriculum Development

Senior Faculty members of the college are encouraged to apply for the Board of Studies of University in their respective subjects. During the session 2019-2020 Fourteen (14) faculty members were on BOS of Parent University in various subjects. To bridge the gap between Industry and Academia, meet the global competency and employability opportunities, the institute promotes Certificate/ Diploma Courses/ internship and also organized different workshops in collaboration various research organizations and Industries. Feedback received from stakeholders was forwarded to the University for restructuring of syllabi.

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

E-governance area	Details
Planning and Development	The college has formulated Academic planning committee and Planning board including members from different stakeholders. These committees plan the different academic and developmental schemes to be run throughout the calendar year after discussion with

Principal. Later, these proposals are put before College Development Committee (CDC) for approval. For more efficient and transparent work, digitalization and e-governance is emphasize.

Administration

Notice Boards Displayed on every floors and readily visible locations in the campus for students and stakeholders. The College websites is regularly updated with relevant academic and administrative notices and events/ reports. Since this year, each Department is following the practice of giving notices and other information to students by social media platforms like google classroom and whatsapp groups. Attendance of teachers and nonteaching staff is regulated by biometrics. Attendance and presence of students in the campus is monitored through CCTV cameras. Question banks of MCQs, University question papers are made available through college Library. Library is well equipp with SOUL 2.0, NLIST Online databases for user friendly access of e-journals and e-books to enhance teaching and learning.

Finance and Accounts

For transparent functioning of account and finance department the MIS software is used to generate various reports like Consolidated day book, General day book, Daily cash collection report. The Institute has fully computerized office and account section which is well equipped with Campus ERP software. All the college accounts are maintained through customized account software. Salary funds are managed through HTE Sevarth system given by Govt. of Maharashtra.

Student Admission and Support

Online admissions are followed for hurdle free admission process by maintaining student database through tailor made software. Soft - version of prospectus is uploaded on college website. This help people come to know about the Institute. The MIS is developed as to fulfill students admissions and support via link provided college website (link), as the admission process is semi- online admission forms are also provided, students submit hard copies required documents at respective counters. The software is also used for issuing bonafide certificate, transfer



	certificates admission forms, issue of I cards, library cards, scholarships.
Examination	Our college is affiliated to Sant Gadgebaba Amravati University Amravati. The University has started online delivery of/ examination material and evaluation system. Our college is following all examination related rules and code of conduct o parent University in absolute sense. This year all the examinations of second half of the academic sessions was conducted online as per the directions of parent 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
2019	Dr. D. K. Koche	UGC Training Program at UGC Office on Training of Teachers for Students Inducation Programme. Dt. 24/06/2019	Nill	2655
2019	Dr. R. M. Bhise	National Seminar on Innovative Best Practices in Higher Education at Modern College, Pune Dt. 10/08/2019	Nill	3285
2019	Dr. R. M. Bhise	Workshop/Traing Program for Bank Scholarship Payment Portal at UGC Office Delhi Dt. 04/07/2019	Nill	17274
2019	Mr. Rajesh Gite	Workshop/Traing Program for Bank Scholarship Payment Portal at UGC Office Delhi Dt.	Nill	10884

		04/07/2019		
2019	Dr. A. M. Raut	One Day Workshop on Filing AQAR at Shorff College, Mumbai Dt. 10/08/2019	Nil	3760
2019	Dr. A. S. Raut	One Day Workshop on Filing AQAR at Shorff College, Mumbai Dt. 10/08/2019	Nil	4015
2019	Dr. A. S. Raut	National Seminar on Innovative Best Practices in Higher Education at Modern College, Pune Dt. 10/08/2019	Nil	5285
2020	Dr. R. M. Bhise	Regional Summit of Principals on Principal-Teacher Relationship in Changing Time at ICT Center Mumbai Dt. 26/12/2020	Nil	4923
<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)
2020	Nil	Disaster Management Programme	25/12/2020	25/12/2020	2	20
<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

one week online fdp , by UGC-HRDC, university of Kerala, Thiruvananthapuram in association with KSMDB college, Sasthamcootta.	1	12/08/2020	18/08/2020	7
FDP Sponsored by HRDC and organized by Dr. HS Gour Uni. Sagar MP	1	19/08/2020	22/09/2020	30
Online Short Term Course on e-Content Development	1	28/05/2020	03/06/2020	7
Two week FDP on Managing Online Classes and Co -Creating MOOCS 2.0	1	18/05/2020	03/06/2020	14
Short Term Course (Workshop on MOOCs, E-Content Development and Open Educational Resources )	1	25/11/2019	30/11/2019	7
Online represher course in Chemistry for higher education (Swayam)	1	01/09/2019	31/12/2019	84
UGC Sponsored Short Term course on Challenges in Discovery of Antiviral agents and Vaccines	1	08/06/2020	13/06/2020	7
UGC Sponsored Short Term course on Developments in advanced Drug Delivery System	1	22/06/2020	27/06/2020	7

and Drug Discovery totreat life Threatening Disease				
UGC Sponsored Short Term course on changing face of Pharmaceutical reserach in Global Scinario	2	10/06/2020	15/06/2020	7
One Week Online Faculty Development Program on E - content development in teaching, Saraswati Kala Mahavidyalaya, Dahihanda, Akola in collaboration with PG Dept. of Computer Science,	1	04/06/2020	10/06/2020	7
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
35	19	Nil	8

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>Shri Shivaji College Consumer Cooperative society store provide essential grocery and household equipment's, Housing loan, vehicle loan and medical loan are available for teaching and non-teaching staff, through Shri Shivaji Vaitanik Sahakari Patsanstha Akola.</li> <li>Preferential admissions to ward of employee,</li> <li>The college provides group insurance scheme for teaching and non-teaching staff.</li> <li>Gym facility of staff</li> </ul>	<ul style="list-style-type: none"> <li>teaching: Shri Shivaji College Consumer Cooperative society store provide essential grocery and household equipment's, Housing loan, vehicle loan and medical loan are available for teaching and non-teaching staff, through Shri Shivaji Vaitanik Sahakari Patsanstha Akola.</li> <li>Preferential admissions to ward of employee and 50 concession in college fees,</li> <li>The college provides group insurance scheme for teaching and</li> </ul>	<ul style="list-style-type: none"> <li>Shri Shivaji College Consumer Cooperative society store provide Study material and stationary.</li> <li>The college provides group insurance scheme.</li> <li>College also have health care unit which provides periodic medical checkup and facilities.</li> <li>Freeships, Scholarships, EB PTC, STC, Meritorious Minor students scholarship,</li> <li>Felicitation of Meritorious student,</li> <li>Earn While Lear Scheme</li> <li>Enterprenaurship Cell provide student</li> </ul>

members. • Sport and yoga Facility • Felicitation of staff	non-teaching staff. • Gym facility of staff members. • Sport and yoga Facility • Felicitation of staff	opportunity to become Atmanirbhar • Institutional scholarships meritorious students • Students Welfare Fund, • College also has health unit which provides periodical medical checkup and facilities. • College provides sport facilities. • College also have separate boys and girls common room and other facilities.
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#### 6.4 – Financial Management and Resource Mobilization

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

**Internal Audit** - The Cash Book is check by accountant daily. It is verified and attested by the daily verification of fees collection and of voucher is done.  
**External Audit** - External Audit programs typically focus on financially report and associated processes. The external auditor verifies these cash books, ledger books, fees, vouchers, stock book, after verification of books of accounts auditors prepare trial balance and receipt payments. Every year, the audit accounts are submitted to the Joint Director's Office. Up till now there were no major audit objection and whatever minor objections were raised was settled.

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
Management	264570	Organization of Conference, Seminar and Workshop
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

0
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#### 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	SAAC	Yes	IQAC
Administrative	Yes	SAAC	Nill	Nill

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

Parent Teacher Meet Felicitation of Topper Students. Feedback from students and their parents.

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

• Health check-up facility • Sport and yoga facility, • Preferential admission

to ward of employee with 50 free concession to wards of non-teaching staff

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

- Enhancement of Teaching Learning Aids • Enhancement in Research Facility • Online Education

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
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	Participation in NIRF	08/07/2019	01/08/2019	01/09/2019	65
2020	Feedback collected analysed and used for improvements. Outcome oriented feedback system	05/02/2020	16/03/2020	20/03/2020	1437
2020	Online Teaching Learning Process	26/04/2020	03/08/2020	31/12/2020	2500
2019	Appeal to teaching faculty to submit research projects to various funding agencies	01/02/2019	15/06/2019	15/07/2019	15
2020	Organization of Workshop for students	05/02/2020	26/05/2020	31/12/2020	1500
2020	Organize workshops/seminars on quality related themes related to the 7-criteria outlined by	05/12/2019	23/06/2020	23/06/2020	175

	NAAC.				
2020	Conferences Organized	04/11/2019	18/01/2020	20/01/2020	500
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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
Group Role Play on, 'BetibachaoBetipadhao'	18/09/2019	18/09/2019	17	Nil
Group Role Play on, "Family Environment & Awareness in mother's knowledge of Nutrition for Children"	05/03/2020	05/03/2020	15	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
<p>Percentage of power requirement of the College met by the renewable energy/ sources 10</p> <p>1. Alternative energy sources are used in the institution such as lamps/ LED/ CLF are installed as and where required. 2. Solar panel is installed which contributed to the reduction of overall electricity expenses and generates electricity of 15 Kva 3. Minimum use of backup generator is done due to excell ventilation natural lights in the institutions. This has helped in decreasing carbon footprint of the institution. 4. Disposal of canteen waste / food - nutrition waste/ garden waste is done in the system installed in the Botany department for manure preparation from organic waste. This manure is used for college garden. 5. The hazardous waste of the chemistry department disposed per rules. 6. Paper waste is reduced by circulating the documents / information through e-mail and whatsapp groups. The news papers are redesigned for paper bags as an alternative to plastic bags and distributed to shops and used in the Entrepreneurship cell of the college. However the office waste papers answe sheets are crushed and sold. 7. Rain water harvesting structure is implemented the college campus. Water runoff is aggregated underground below the pavers replenish the underground water. Pavers are used instead of floor tiles for e water drain. This year the water harvesting capacity is increased. 8. Green audit of the session 2019-20 is conducted. 9. Energy Audit of the session 2019-20 is conducted. 10. Awareness is created by displaying post on "Save Water" and "Save Electricity". 11. Cleanliness drive is carried out within and outside campus.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
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Physical facilities	Yes	8
Provision for lift	No	Nil
Ramp/Rails	Yes	8
Braille Software/facilities	Yes	8
Rest Rooms	Yes	8
Scribes for examination	Yes	5
Special skill development for differently abled students	Yes	8
Any other similar facility	Yes	1

#### 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	25/07/2019	1	Cleaning of Railway station area	Swachha Bharat Abhiyaan	96
2019	1	1	29/10/2019	1	Workshop on Awareness of voting by Physically challenged people	Awareness and motivation to Physically challenged people for voting	41
2020	1	1	15/08/2020	1	Tree plantation and cultivation of Neem tree on government barren land	Motivation to farmers for cultivation of Neem trees on government barren land as Neem is useful medicinal plant but farmers	194



						are unaware of it	
2020	1	1	12/06/2020	4	Corona care safety Awareness programme by holding boards on road	NSS students arranged awareness programme and made local people aware about the pandemic situation by holding boards on road with slogans -1) Use of mask 2) Wash your hands , 3) Avoid crowd ,4) Stay home stay safe	44
2020	1	1	31/05/2020	1	Distribution of masks by to needy people in society	To create awareness in people about use of mask and social distancing	44
2020	1	1	05/06/2020	1	Distribution of masks by to needy people in society	To create awareness in people about use of mask and social distancing	2
2020	1	1	10/06/2020	1	Police Mitra Students worked as police friends in traffic control	NSS students helped the traffic police by working as police friends	15

					and public awareness	in traffic control carried out public awareness	
2020	1	1	05/07/2020	1	Tree Plantation	Plantation of 200 plants like seedball, Lombolya at remote areas of Satpuda, Jalgaon, Buldhana to balance environment	10
2020	1	1	03/01/2020	7	Women empowerment workshop at Goregaon Khurd	Various issues about women empowerment were addressed	50
2020	1	1	10/06/2020	1	Research on Lonar Lake water colour change	Study of the change in water colour of the Lonar lake and expert decisive views by the researchers	34
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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)
Code of Conduct Handbook	01/08/2019	The code of conduct helped to build a stronger integrity among staff, strengthen trust and respect of other stakeholders. helped the stakeholders in reviewing themselves and set their expectations of the institution. This

helped in creat goodwill and reputation. The code of conduct provided a roadmap to staff, students and researchers and served as tool for daily work. They could turn to the code for guida and concerned issues. It provided comfort and confidence a encouraged the staff to strive to achieve the institution mission and goals.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Lokmanya Tilak Jayanti	23/07/2019	23/07/2019	33
Annabhau Sathe Jayanti	01/08/2019	01/08/2019	38
Mahtma Phule Punyatithi	28/11/2019	28/11/2019	43
AIDS Awareness Day	01/12/2019	01/12/2019	45
AIDS Awareness Day	01/12/2020	01/12/2020	105
Leprosy Day	31/01/2019	31/01/2019	85
Celebrated Dipawali Festival with Aadiwasi People at Village Khirpani in Melghat and Distributed Cloths and Food to People	13/11/2019	13/11/2019	30
Shivaji Maharaj Birth Anniversary	19/02/2020	19/02/2020	150
Word Tourism Day	27/09/2019	27/09/2019	70
Forest Conservation Day (Online)	23/07/2020	23/07/2020	200

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

1. Promotion of rain water harvesting 2. Wild life conservation and forest conservation day celebration and related awareness 3. Enhancing paperless administrative work 4.Maintenance of ecofriendly and clean campus 5.Regular and conscious efforts for environmental audits.

#### 7.2 – Best Practices

## 7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Community Outreach Objectives of the Practice: Being the future pillars of nation, the students must be trained to understand, react and interact with common peoples to understand their problems and work for betterment of the society when they will be on move. This will not only uplift society but also help in overall development of students. Such outreach activities gives satisfaction to the students by giving a helping hand to society, feel motivated, and inspire them to make their existence meaningful to the country. A sense of social responsibility is inculcated and nurtured in students. Students work in collaboration with government and NGOs. These co-curricular tasks empower students to be better and responsible citizens.

Students joining the college come from different strata of the society. Community services as a part of social life starts at school level but a few opportunities of volunteering come to student's way during graduation. Knowing the society is more essential while serving it and that can build valuable skills in students. Developing strong moral values and matured character initiate people to tackle problems reasonably on their own with or without help of any organizations. Few objectives are - To broaden the perceptions of the world around the students To have a broad open minded perspective of the life To help to establish the communication with the surrounding To gain a plethora of experiences that helps to navigate the future The context: Akola is a small city surrounded by big rural area. Being a small city, it is easier for outreach to conduct the program at personal level, meet people, listen to them, and build trust and healthy relationships with the targets. By assessing the needs and resources available, the community activities were planned. The

Practice: Students and staff were actively engaged in several community activities. It was decided to whom to reach specifically and strategies were chosen according to available resources. Method to involve and get involved was different for different activities, such as- words of mouth, social media, posters, visits, webinars, etc. The institutional base was expanded by the activities undertaken for differently abled persons under RUSA (Rashtriya Uchchatam Shiksha Abhiyan). An enabling atmosphere was created by involving our faculty to get involved in activities in collaboration with Divyang Social Foundation. The outreach activities were- Service to community was provided through Anganwadi centers and Pre-school centres during National Nutrition week by the Department of Home Science. • Knowledge sharing and interaction with lactating mothers was done in the Government hospital during International Breast Feeding week. • Celebration of National Handloom Day for upliftment of the weaver community • Value based programmes undertaken in the memory of national leaders and influential historic personalities was a good practice. •

Skill demonstration workshop for Self Help Groups was organized in collaboration with an organisation- Wawe • Students of Biochemistry department released a song for Menstrual Hygiene later promoted by UNICEF • Webinar on "Converting lock down period into golden period-the role of women was organized. • Staff contributed to the amount raised (1 cr, 18 lac) for Chief Ministers Relief -Covid-19 Fund by Shri Shivaji Education Society, Amravati • Celebration of Forest Conservation day • Raising of funds and distribution to patient for Eye surgery • Eye donation campaign by Divyang social Foundation Akola, Radio Vision Akola and Shri Shivaji College of Arts, Commerce Science, Akola • Celebration of International white cane safety Day 15 Oct 2020 by Divyang social Foundation Akola, Radio Vision, Nab Akola and Shri Shivaji College of Arts, Commerce Science, Akola • Appointment of 5 students of NSS as Special police officers for Covid-19 period-30.8.20 Felicitations of NSS by Superintendent Police for working during the Covid-19 period • Recognition of Department of Geography and Geology as a network institute of IIRS outreach network • Celebration of Wild Life week on the occasion of 66th Wild Life Week organized by Department of Zoology (online) • Online webinar on Carrier

opportunities in IT Industry by Department of Computer Science • Workshop on Awareness and Training on Sudden Cardiac Arrest by Department of Biochemistry in collaboration with Sath sevak Foundation and iCARE • Awareness campaign on crackers frees Diwali and appeal to the people about the respiratory problems to people and corona patients • Distribution of clothes, snacks, masks, medicines and guidance to community to the tribal masses at Khirpani (Melghat), was carried out by staff and students • Sanitizer preparation and distribution by Department of Chemistry • Corona care and safety Awareness programme by holding boards on road • Distribution of masks by to needy people in society , Distribution of masks by students to labours, farmers and drivers at APMC,Akola

- Students worked as police friends (Police Mitra ) in traffic control and public awareness • Swachha Bharat Abhiyaan at Railway Station, Akola • Working for orphanage at Akoli • Tree plantation and plantation of 200 plants like seed ball • Commenced a series of Inspirational Value Based Sessions Journey towards Excellence from Session 1-Make Everyday Count, Session 2-Topic-Believe in Yourself , Session 3-Topic-interview etiquettes-Dos and Donts , Session 4-Topic-Uncertainties in /during Pandemic preparing ourselves for future prospects • Workshop on Awareness and Training on Sudden Cardiac Arrest by Department of Biochemistry in collaboration with Sath Sevak Foundation and iCARE •

Celebration of International Womens Day Evidence of success: A sense of responsibility was cultivated and nurtured in students. Students and NSS units regularly worked with Government and NGOs. Community engagements enriched the overall experience. Learning experience was gained by working with differently abled people and improved sense of community responsibility. Building of the communication capacity, connecting to people and enabling volunteerism was the outcome of the practice. Problems Encountered and Resources required to implement the Practice: Institutions people's participation is difficult because of academic schedules they need to be informed well in advance. For success more efforts are required by the coordinator and need to be heard several times to the team members/participants for their difficulties .The requirement of funds is another obstacle particularly for skill based training activities. For outreach activities, funds are required. These activities are run mainly by the Institutions funds and contribution from the teachers. Contribution from the students is difficult as most of the students belong to lower and middle class families. Sometimes parents do not allow their children to participate in social services. 2. Title of the Practice: Entrepreneurship cell Objective of the Practice: The college has an Entrepreneurship Cell with an objective to go beyond the Earn while Learn scheme and to impart innovation and entrepreneurship among students. To inculcate the values of self employment through their abilities and skills, the objectives of the practice are- 1. To enhance the entrepreneurial skills. 2. To provide entrepreneurial knowledge 3. To provide a platform for inculcating entrepreneurial skills in students 4. To encourage students to get self employed The context: As employment opportunities are shrinking, it is the need of the hour to convert small ideas to earn money. Many students are from agriculture background having agricultural resources for a start but the fear of risk stops the students to indulge in entrepreneurship In a multi faculty college, Entrepreneurship Cell was a platform made available to students to use freely to explore their capabilities. The Practice: The college took the initiative to develop and support the students along with academics with a view to inculcate entrepreneurial initiative in students .The several activities which were implemented were- • Organization of Webinar on "Converting lock down period into golden period-the role of women", Organizer-IQAC Entrepreneurship Cell • Mask preparation and selling by students in collaboration with an organisation- Wawe • Sanitizer preparation by Department of Chemistry • Signing of MoU with Abhyankar group and Rasoi Udyog • Skill development workshops for students • Running of a canteen during cultural events of the institution • Workshop on Entrepreneurship-organised by Department of Commerce Entrepreneurship Cell •

Department of Zoology organised a Webinar on- Sustainable development with Women Empowerment in Relation to Sericulture Apiculture Evidence of success: An insight to develop opportunities of self employment with the available resources and skills was developed. The pandemic situation opened avenues to prepare and market masks and sanitizers. Online platform could be used for organizing Webinar and Workshop. The students acquired skills of Learning by doing .Steps towards developing skills in communication, decision making, networking, time management, team building, presentation, negotiation and social skills were certainly acquired. Problems Encountered and Resources required to implement the Practice: Choosing a right product or service is the main challenge .Initial funding, financial resources, risk bearing and marketing is yet another issue faced by the students. Moreover to build trust among students takes time. Getting and staying organized, determination and learning, balancing the schedule including marketing and sales activities was a constraint among students. The efficient utilization of the human resources such as-ability, skills, interest, energy, knowledge, attitude and non -human resources like-product, money, space, facilities is a challenge for achieving the

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

<http://www.shivajiakola.ac.in/pdf/Best%20Practices%202018-19.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

Secular approach. Conscious efforts to promote values. Extension and outreach activities. Core vision is student centered. Practically focused quality learn experience. College being a preeminent educational institution prepares to meet the challenges of a rapidly changing techno savvy world. The primary focus of institute is excellence in core mission activities of teaching. Institution maintains its distinctiveness by blending technology with classroom teaching. College has upgraded the teaching learning process through installation of Thirteen ICT smart classrooms., LCDs, several computers and laptops are made available to all departments for such technology integration. Infrastructure required to operate and support technology integration is continuously upgraded at each level such as basic level electricity. The college has 33 WiFi access points, 100 M VPNLAN. Every faculty of each Department has access to internet through such WiFi and wired network. Ever year meritorious students have achieved new heights of success and in 2019-20 notable numbers of students from various disciplines have secured ranks in university merit lists. The efforts are also on to strengthen the research aptitudes among the faculty and students. 15 Research centers has been established for Ph D work. It resulted in receiving research projects and a go number of publications in journals of national and international repute. This has also supported quality learning experience of the students. The Management, teaching staff and supporting staff work in unity to achieve our objectives of building a knowledgeable society by effectively blending quality teaching, research, employability and All are provided guidance by the best teachers who are very empathetic and compassionate. We maximize on academic skills, social skills, athletic skills and entrepreneurial skills of our students. Students are encouraged by providing them with adequate opportunities at all forums and appreciating them for their efforts. Empowering students by providing them all possible opportunities in various fields. Wide range of extension activities through NSS, NCC, Life- long learning and Government and non- government organisations, old age home, orphanages, farms etc.

Provide the weblink of the institution

<http://www.shivajiakola.ac.in/pdf/Institutional%20Distinctiveness.pdf>

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

• Up gradation of Infrastructure: - An auditorium of at least 500 seating capacity having advanced ICT facilities and sophistications- like LCD, Sound system and comfortable seating arrangement is proposed to be created. • Renovation/ Reconstruction of old buildings as per the requirement. - Renovation of old Departmental laboratories. • To look for the grants related to infrastructure/ development. • Development with respect to Research: - Plan for strengthening research by organising more awareness programs and inviting illustrious researchers. • To apply for DBT Star scheme • To apply for Research grants fro various agencies in the form of research projects • To organize Workshop on Research Ethics • To make MOU / Collaboration with other reputed Industries an institutes • To arrange availability of Seed Money for basic research by faculties and students. • To encourage the research students and faculty member to publish their research in High Impact journals • To organize workshop on IPR and encourage faculty members to obtain Patents • To inculcate the scientific awareness among the students. • Teaching learning resources: - To inspire the teaching faculty to use ICT facilities. • To encourage the faculty to develop content/ e-content. • To develop and establish the blended learning pattern. • To use LMS Extension Consultancy: - To encourage the faculty members to develop expertize for consultancy services. • Establish local linkages for all departments for internship workshops, seminars, sharing of sophisticated instruments, sharing of expertise