



**SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S**  
**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA (MS)**  
**Affiliated with Sant Gadge Baba Amravati University, Amravati (MS)**  
**UGC Status- College with Potential for Excellence (Phase II Completed)**  
**DST- FIST (Level "00") Support;**  
**Lead College Status by S. G. B. Amravati University, Amravati (MS)**  
**Website: [www.shivajiakola.ac.in](http://www.shivajiakola.ac.in)**

#### **6.5.2**

**The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities**

Shri Shivaji Education Society, Amravati's

## SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA



NAAC Re-Accredited with A grade with CGPA 3.24  
UGC Status of 'College with Potential for Excellence', DST-FIST level-0 Support

**Lead College status by S.G.B.A.U. Amravati**

Near Shivaji Park, Akola - 444 001 (Maharashtra)

Phone & Fax : 0724-2410438/2411039

Website : shivajiakola.ac.in E-mail : principal@shivajiakola.ac.in



**Late Dr. Panjabrao Deshmukh**  
Founder President

**Hon. Harshvardhan Deshmukh**  
President

**Dr. Ambadas L. Kulat**  
Principal

No. SSC/AKL/

Date 15/12/2021

### Declaration

This is to declare that the information, reports, true copies and numerical data etc. furnished in this file as supporting documents is verified by IQAC and found correct.

Hence this certificate.

Dr. A. S. Raut  
**Dr. A. S. Raut**  
IQAC Co-ordinator  
Shri Shivaji College of Arts,  
Commerce & Science, AKOLA

Dr. A. L. Kulat  
**PRINCIPAL**  
Shri Shivaji College, of Arts  
Commerce & Science, AKOLA  
A GRADE C.GPA. 3.24., BY NAAC

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**6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities**

The IQAC monitors and channelize the efforts taken by the institute for academic excellence. The institution reviews its teaching learning process, structures and methodologies of operations and learning outcomes at periodic intervals through IQAC by different ways. Regular meetings of IQAC are conducted to collect the feedback from all the stakeholders and analysed for incremental improvements of the Institution. The institute signed MoUs with other institutions for quality initiatives and participated in NIRF.

IQAC initiated for incremental improvements for quality enhancement in the last five years as follows-

- IQAC conducted Internal and External Academic Audits to evaluate the learning outcomes.
- ICT facilities are strengthened for better teaching-learning outcomes.
- Several books and Pragati Prakashan's e-books are purchased as per the requirement of various Departments. Library software SOUL-2.0 is updated to SOUL-3.0. DELNET is subscribed for e-books and e-journals.
- Laboratories of Chemistry, Biochemistry, Botany, Physics, Forensic Science, and Biotechnology are upgraded.
- Central Instrumentation Facility is developed with Sophisticated Instrumentation such as IR, XRD, Double beam UV- Visible Spectrophotometer, Antenna characterization etc. to meet growing research and multi-departmental needs.
- Teachers have received research grants for minor and major research projects from different funding agencies like UGC, DST, BRNS, ICSSR.
- Add-on courses are introduced to promote employability.
- More Physical facilities like classrooms with furniture and fixture are created to meet the growing students strength.
- Competitive examination coaching is strengthened.

## **Criterion- 6: Governance, Leadership and Management**

- Computer- student ratio has been improved.
- Entrepreneurship Development Cell is established.
- Proposals are submitted to introduced new PG Courses.
- Placement Cell and Career Development Cell are separated to effective implementation.
- Indoor hall is renovated with required facilities.
- Hostel, Canteen and drinking water facilities are improved and rationalized.

- **Academic Administrative Audit:**

IQAC conducts Internal and External Academic Audits to review teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals. The objective of the Academic and Administrative Audit is to evaluate and appraise the functioning of the department and ensure the quality standards of education with respect to curriculum, teaching-learning process, research work, co-curricular and extension activities. Department wise information's are collected in prescribed format. IQAC prepares a time schedule to visit the departments for verification and evaluation. Internal Audit Committee comprises the Principal, IQAC members, and Heads of Departments. The External Audit Committee comprises of academicians and certified consultants. Internal Academic Audit is conducted on yearly basis in the academic session 2016-17 and 2017-18 and the External Academic Audit in 2018-19. The Committee visits the departments and assesses the performance on various parameters like-

- **Curriculum Design & Development** – Quality of curriculum & feedback on curriculum; New Courses, Value-added courses, Add-on courses, Certificate courses, Diploma courses, Short-term courses are reviewed.
- **Teaching, Learning and Evaluation** – Creative and Innovative Teaching methodology, Teaching objectives and Learning outcomes, Remedial and Extra Coaching classes, Evaluation methods, Pass percentage, Student progression/ achievements, Faculty profiles are assessed.

### **Criterion- 6: Governance, Leadership and Management**

- **Research, Consultancy and Extension** – Research Projects, Publication, Consultation, Paper presentation, Professional development programs, Field visits, Internships and Industrial visits are evaluated.
- **Student Support and Progression** – Days of celebration / Seminars, Career counselling & guidance, Training programs, Guest lectures, Workshops, Conferences, and Student participation in Intercollegiate/ Interuniversity events are considered.
- **Innovative Best Practices of the Departments** – Green Initiatives, Rain Water Harvesting, Extension Activity, Outreach Programs are observed.

The departments present their departmental data with supporting documents to the Academic Audit Committee for verification. After Departmental visits, Internal and External Academic Audit Committee prepares a detail report with observations, suggestions and recommendations. It also evaluate the Academic performance of the Departments.

#### **ICT facilities are strengthened for better teaching-learning outcomes:**

The IQAC focused on ICT facilities to be strengthened for better teaching-learning outcomes.

- Separate computer systems are installed in Computer lab, Commerce lab, office and Library. In laboratories, Computers are connected with LAN facility. N-Computing system has been provided in most of the Departments.
- There are 317 computers and 19 laptops available in the institution.
- Internet facility is strengthened with fibre optic connection with 100 MBPS and Leased line connection are setup in Departments.
- Wi-Fi facility is available with 1 GB free access for each student in College Campus.
- Antivirus named Quick Heal Pro, Quick Heal Total Security Net Protector Pro and total Security are updated regularly.
- For continues power backup, Institute has inverters, UPS, diesel generator and solar system.

### ***Criterion- 6: Governance, Leadership and Management***

- Advanced Licensed Softwares are Purchased in college: Microsoft OS – Windows XP,7, 8,10, Windows Server 2008, 2012, Microsoft Office 2007-2019, Visual Studio 2008, SQL Server, programming language Compiler: C- Language, C++, Java, Acrobat Master Pack, Shri Lipi, Devratna 7.0, ISM, Statistical Package for Social Science (SPSS 20), Tally ERP9, Dreamweaver, Corel Draw 14, Page Maker 7, Photoshop CS, Geological Tools Based S/W (ARC GIS), Soul 3.0 (Library), Campus ERP (College Administration and Account).
- N-LIST, DELNET Consortia are available for e-resources in library and information centre.
- Talking books with JAW, Type Ability, Daisy conversion Duxbury Braille translation, Hindi OCR, Marathi OCR are provided for differently abled students.
- Overhead projector (OHP), LCD Projector, Printer, All-in-one printer, Laptop, Photocopy Machine, Visualizers, Bar code reader, Braille Printer, Digital microscopic camera, Bonita portable mouse magnifier-pc edition, KURZWEIL K1000 scanning and reading software and Scanners are purchased as per increasing needs of departments.
- Talking Tree App is developed by department of Botany. QR Code is attached with trees and by using this app anyone can get all the information about trees.
- Shri Shivaji Education Society, Amravati got the Subscription of LMS (Big Blue Button) in the time of pandemic for online lectures and Google Classroom, Google Meet, ZOOM, YouTube including live streaming and WhatsApp platforms are also used for the same.

## Departmental Audit format for Academic Audit

SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE & SCIENCE, AKOLA

Criterion I-Curricular Aspects (2018-19)

1. Faculty

Name of the Department	
Date and Year of Establishment :	UG- PG- COP-

1.2.1 New programmes /Courses introduced during the Academic year:

S.N.	Name	Date of Introduction
01	New Programme(UG/PG)	
02	New Course(COP/Certificate/Diploma)	

1.2.2 Programmes in which choice based credit system (CBCS/ELECTIVE)course system implemented during the academic year

S.N.	Name	UG	PG	Date of implementation
01	Programme adopting CBCS			
02	Already adopted			
03	Programme adopting Elective course system			
04	Already adopted Elective course system			

1.2.3 Students enrolled in Certificate/Diploma courses during the year

No. of students	Certificate course	Diploma course

Value added courses	Date of implementation	No. of students enrolled

1.2.4 Field projects/ Internships undertaken during the year

Name of organization	Name of project/Programme title	No. of students enrolled	Duration

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**Criterion II: - Teaching Learning and Evaluation**

2.2.3 Percentage of differently abled students (Divyangjan) on rolls (10) (current year)						
Name of the student enrolled under Differently abled Category	Gender	UDID Card Number	Type of Disability	Percentage of Disability	Program enrolled	Year of Enrolment

Key Indicator - 2.3 Teaching - Learning Process (50)					
2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (10)					
Number of teachers using ICT (LMS, e-Resources)	Number of teachers on roll	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
Documents: List of teachers					

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years (20) & for 3.1.2 Percentage of teachers recognized as research guides at present (3) (Current Year)				
Number of full time teachers with PhD	Year of obtaining PhD	Is the teacher still serving the institution/If not last year of the service of Faculty to the Institution	Whether recognised as research Guide for Ph.D	Year of Recognition as Research Guide

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognized bodies during the last five years (15) & for 3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards (1)						
Name of full time teachers receiving awards from state level, national level, international level	Year of Award	PAN	Designation	Name of the award, fellowship, received from Government or recognized bodies	Incentives given by the HEI in recognition of the award	Link for relevant documents

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**Criterion- 6: Governance, Leadership and Management**

6.3.4 Average percentage of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, and Faculty Development Programs during the years.

Year	Number of teachers who attended	Title of the professional development program	Date and Duration (from – to)

**Criterion V Student Support & Progression**

	Name / Title of Scheme	Number of Students	Amount in Rupees
Financial Support from Institution	1. Special Funds for Needy Students		
	2. Reserve Category Students Support Fund		
	3. Earn & Learn Scheme		
	4. Support to Sport Students		
	5. Adoption of poor student		
Financial support from Other Agencies			
a) National			
b) International			
c) Local			

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.,

**Table 5.1.2 Number of Capability Enhancement and Development Schemes**

Name of the Capability Enhancement scheme	Date of Implementation	Number of Student enrolled	Agencies involved
Competitive Examination			
Career Counselling			
Soft Skill Development			
Remedial Coaching			
Language Lab			
Bridge Courses			
Yoga & Meditation			
Personal Counselling			
Any other			



Documentation:  
 1. List of Programme conducted  
 2. List and attendance of beneficiary students  
 3. Report of the activity

**Table 5.1.3 Students benefited by guidance for Competitive Examinations and Career Counseling**

Year	Name of the Scheme	Number of benefited students by guidance for Competitive Examination	Number of benefited students by Career Counseling Activities	Number of students who have passed in the competitive examination	Number of student placed

**Documentation:**

1. Notification & schedules
2. Communication Letters with Experts/Agencies
3. List & Attendance of beneficiary students
4. Detailed report of activity
5. Budget & Expenditure
6. Outcome (Certificates/selection letters of passed/qualified/placed students)
7. Feedback from the beneficiaries and coordinators of the activity centers.

**Note: Each activity centre needs to have its own Policy and SOP documents, as well as Annual Reports.**

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years ( 5)

Year	Number of VET program	Number of students attending VET

1.2.2 Student Progression to higher education in percentage during the year  
**Table 5.2.2 Student Progression to Higher Education (%)**

Year	Number of Students enrolling into higher education	Programme graduated from	Department graduated from	Name of Institution joined	Name of Programme admitted to

**Documentation:**

1. List of out going students from final year UG and PG classes
2. List of selected students enrolled in the other HE institutions (if they can be procured, as they are available on the other HEIs website)
3. Identity Cards or selection letters of students
4. Transfer Certificates from the Institutional Office

5.2.3 Student qualifying in state/national/international level examination during the year( e.g. NET/SET/SLET/GATE/GMAT/CAT/GRE/OFEL/Civil Services/State Government Services.

**Table 5.2.3 Student qualifying in State/National/International Level Examination 2018-19**

Items	No. of Students selected/qualifying	Registration number/roll number for the exam
NET(For PG students)		



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**Criterion- 6: Governance, Leadership and Management**

TOFEL this should be TOEFL(For UG & PG students)		
Civil Services(For UG & PG students)		
State Government Services(For UG & PG students)		
Any Other		

**Documentation:**

1. List of students enrolled for all above competitive exams.
2. Admit Card/Registration Cards of appearing students(if available)
3. Certificates/selection letters of passed /qualified/placed students.
4. Students' Feedback regarding training received and its impact on their performance.

<b>Key Indicator - 5.4 Alumni Engagement (10)</b>				
5.4.2 Alumni contribution during the last five years Options:				
Name of the alumnus/ alumni association	AADHAR / PAN	Year of graduation	Year of contribution	Contribution in Rs or instrument / equipment /academic

  
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 IQAC Coordinator  
 Shri Shivaji College of Arts,  
 Commerce & Science, AKOLA

## Internal Academic Audits (2016-17)

SHRI SHIVAJI COLLEGE OF ARTS COMMERCE AND SCIENCE, AKOLA

### NAAC NOTICE


It is to be informed that Academic audit committee (IQAC) is going to visit departments, as per the schedule given below for evaluation of the department. The departments should provide the hard copy of Academic Audit Fact Sheet with necessary documents to the committee. The departments should keep power point presentation (PPT) ready for the visit.

Schedule of the visit:

Date: 18/02/2017

Sr. No.	Name of the Department	Date of Visit	Time
1	Chemistry	14/03/2017	2 p.m. onwards
2	Statistics		
3	Geology		
4	Geography		
5	Zoology	15/03/2017	2 p.m. onwards
6	Forensic science		
7	Microbiology		
8	Home science		
9	Computer science		
10	Music	16/03/2017	2 p.m. onwards
11	English		
12	Physics		
13	Electronics		
14	Commerce	17/03/2017	2 p.m. onwards
15	Sociology		
16	Political Science		
17	Hindi		
18	Marathi		
19	Economics		
20	Home economics	18/03/2017	2 p.m. onwards
21	History		
22	Botany		
23	Mathematics		
24	Biochemistry		
25	Biotechnology		
26	Yoga		
27	Psychology		
28	Philosophy		
		20/03/17	2 p.m. onwards

  
 Coordinator  
 Shri Shivaji College, Akola  
 Dr. A. S. Jadhav  
 IQAC Co-ordinator  
 Shri Shivaji College of Arts,  
 Commerce & Science, AKOLA

  
 Principal and Chairman IQAC  
 Shri Shivaji College, Akola  
**PRINCIPAL**  
 - Shri Shivaji College, of Arts  
 Commerce & Science, AKOLA  
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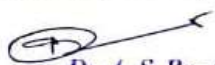
Time table for Academic Audit (2016-17)

SHRI SHIVAJI COLLEGE OF ARTS, COMMERECE & SCIENCE, AKOLA

Academic Audit Report 2016-17

AAA SCORE

Sr. No	Name of Department	General Information	Human Resource	Teaching, Learning & Evaluation	Research Output	Infrastructure	extension	Stdent Support and Progesion	Innova tion and Best Practic es	Total Marks
21	History	10	16	20	2	2	3	15	0	68
19	Economics	16	12	21	4	25	20	20	0	118
10	Music	14	16	32	24	24		35	5	150
17	Hindi	14	28	38	21	10	21	30	5	167
2	Statatistics	14	20	57	9	22	11	40	15	188
4	Geography	12	24	85	5	25	8	45	5	209
11	English	15	20	30	8	38	27	40	31	209
3	Geology	16	20	69	12	34	16	50	5	222
9	Computer Science	18	18	75	20	38	18	45	7	239
16	Political Science	18	20	84	33	28	25	45	27	280
23	Mathemati cs	16	28	80	36	36	8	40	17	261
18	Marathi	16	20	76	24	28	37	50	15	266
12	Physics	18	20	89	16	43	16	50	27	279
13	Electronics	16	26	85	17	41	23	45	25	278
24	Biotechnol ogy	18	22	76	43	43	33	50	17	302
7	Microbiolo gy	16	24	85	40	42	37	40	20	304
8	Home Science	18	24	80	36	38	31	55	33	315
5	Zoology	18	24	95	41	47	33	40	37	335
22	Botany	16	32	81	46	46	37	70	29	357
14	Commerce	18	26	95	47	44	44	60	39	373
1	Chemistry	18	32	97	69	44	32	65	27	384
6	Forensic Science	-	-	-	-	-	-	-	-	-
15	Sociology	-	-	-	-	-	-	-	-	-
20	Home Economics	-	-	-	-	-	-	-	-	-
25	Yoga	-	-	-	-	-	-	-	-	-
26	Psychology	-	-	-	-	-	-	-	-	-
27	Philosophy	-	-	-	-	-	-	-	-	-

  
Dr. A. S. Raut

IQAC Co-ordinator

Shri Shivaji College of Arts,  
Commerce & Science, AKOLA

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Commerce & Science, AKOLA  
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Score sheet of Departments participated in Academic audit (2016-17)

Shri Shivaji College of Arts, Commerce and Science, Akola (MS)

## Internal Academic Audits (2017-18)

SHRI SHIVAJI COLLEGE OF ARTS COMMERCE AND SCIENCE, AKOLA

### NAAC NOTICE


It is to be informed that Academic audit committee (IQAC) is going to visit departments, as per the schedule given below for evaluation of the department. The departments should provide the hard copy of Academic Audit Fact Sheet with necessary documents to the committee. The departments should keep power point presentation (PPT) ready for the visit.

Schedule of the visit:

Date: 13/04/2018

Sr. No.	Name of the Department	Date of Visit	Time
1	Music	16/04/2018	1 p.m. onwards
2	English		
3	Hindi		
4	Sociology		
5	Political Science		
6	Economics	17/04/2018	1 p.m. onwards
7	Marathi		
8	Home economics		
9	History		
10	Yoga		
11	Psychology	18/04/2018	1 p.m. onwards
12	Philosophy		
13	Commerce		
14	Biochemistry		
15	Biotechnology		
16	Home science	19/04/2018	1 p.m. onwards
17	Statistics		
18	Geology		
19	Geography		
20	Chemistry		
21	Computer science	20/04/2018	1 p.m. onwards
22	Forensic science		
23	Zoology		
24	Microbiology	21/04/2018	1 p.m. onwards
25	Botany		
26	Mathematics		
27	Physics		
28	Electronics		

  
 Coordinator  
 Shri Shivaji College, Akola  
 Dr. A. S. Raut  
 IQAC Co-ordinator  
 Shri Shivaji College of Arts,  
 Commerce & Science, AKOLA

  
 Principal and Chairman IQAC  
 Shri Shivaji College, Akola  
 PRINCIPAL  
 - Shri Shivaji College, of Arts  
 Commerce & Science, AKOLA  
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Time table for Departmental Academic audits (2017-18)

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERECE & SCIENCE, AKOLA**

**Academic Audit Report 2017-18**

**AAA SCORE**

Sr. No	Name of Department	General Information	Human Resource	Teaching, Learning & Evaluation	Research Output	Infrastructure	extension	Stdent Support and Progesion	Innova tion and Best Practices	Total Marks
21	History	10	16	20	0	2	3	10	0	61
19	Economics	16	12	21	4	25	12	20	0	110
10	Music	14	16	32	20	24	5	35	5	151
17	Hindi	14	28	38	21	10	15	30	5	161
2	Statatistics	14	20	57	5	22	5	40	15	178
4	Geography	12	24	85	5	25	8	40	5	204
11	English	15	20	30	12	38	27	40	31	213
3	Geology	16	20	69	12	34	16	50	5	222
9	Computer Science	18	18	75	20	38	15	50	7	241
16	Political Science	18	20	84	33	28	25	45	27	280
23	Mathemati cs	16	28	80	40	36	8	40	17	265
18	Marathi	16	20	76	30	28	40	50	15	275
12	Physics	18	20	89	20	43	20	50	27	287
13	Electronics	16	26	85	30	41	23	45	25	291
24	Biotechnol ogy	18	5	76	5	43	33	50	17	247
7	Microbiolo BY	16	24	85	40	42	37	40	20	304
8	Home Science	18	24	80	36	38	31	55	33	315
5	Zoology	18	24	95	45	47	33	40	37	339
22	Botany	16	32	81	50	46	37	70	29	361
14	Commerce	18	26	95	55	44	44	60	39	381
1	Chemistry	18	32	97	75	44	32	65	27	390
6	Forensic Science	-	-	-	-	-	-	-	-	-
15	Sociology	-	-	-	-	-	-	-	-	-
20	Home Economics	-	-	-	-	-	-	-	-	-
25	Yoga	-	-	-	-	-	-	-	-	-
26	Psychology	-	-	-	-	-	-	-	-	-
27	Philosophy	-	-	-	-	-	-	-	-	-

*Dr. A. S. Raut*  
 IQAC Co-ordinator  
 Shri Shivaji College of Arts,  
 Commerce & Science, AKOLA

*[Signature]*  
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Score-Sheet of various Departments participated in Academic Audit (2017-18)

*Shri Shivaji College of Arts, Commerce and Science, Akola (MS)*



**External Academic Audits (2018-19)**

**Report of External Academic Audit conducted during 2018-2019**

**Report of Academic and Administrative Audit (SAAC) Conducted by Shri Shivaji Education Society, Amravati of Shri Shivaji College Of Arts, Commerce and Science, Akola**

Chairman :- Dr. N. N. Saste

Member :- Dr. D. V. Atkare

Member :- Dr. A. L. Kulat

Observations

<b>General Information</b>	
<b>Name of College</b>	Shri Shivaji College Of Arts, Commerce and Science, Akola
<b>Year of Establishment</b>	1963
<b>Faculties</b>	Arts, Commerce , Science and Home Science
<b>Programmes and Courses Offered</b>	UG – 4 PG – Ph.D. 15 Any Other 13 Add on courses 4
<b>Permanent Faculty Members</b>	98
<b>Support Staff</b>	74
<b>No of Students</b>	
<b>Major Features</b>	Co-Education Multi Faculty DST-FIST Support CPE Status upto 2019 Lead College Status by S.G.B.A.U. Amravati Resource Center for Inclusive Education sponsored by RUSA
<b>Date of Visit</b>	13-12-2019
<b>Analysis</b>	
<b>Curriculum</b>	<ol style="list-style-type: none"> <li>1. College follows curriculum of SGBAU</li> <li>2. 12 Teachers are BOS Members</li> <li>3. Curriculum is enriched by 13 COP and 4 Add-on Courses</li> <li>4. Online Feedback from Stakeholders</li> </ol>
<b>Teaching Learning</b>	<ol style="list-style-type: none"> <li>1. Visiting Lectures by Experts,</li> <li>2. Low Cost Lab Kits</li> <li>3. Chalk and talk method</li> <li>4. ICT based Teaching with Smart Board and Projector</li> <li>5. Field visits, Industrial Visit, Seminars and Workshops</li> <li>6. 55 Ph.D. holder Teachers</li> <li>7. Good Number of Teachers with SET/NET</li> <li>8. 18 Merits in Summer 2019 at</li> </ol>

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**Criterion- 6: Governance, Leadership and Management**

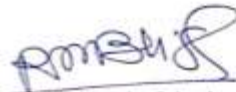
	<p>SGBAU</p> <p>9. Pass percentage of student is higher than University</p> <p>10. Teachers Sponsored Scholarships</p>
<b>Research Consultancy and Extension</b>	<p>1. 15 Research Centers recognized by SGBAU</p> <p>2. 35 Research Supervisors</p> <p>3. CIC established from DST-FIST</p> <p>4. BRNS and DST DAE funded Major Research Projects</p> <p>5. NLIST Consortia</p> <p>6. Significant Research Output</p> <p>7. Consultancy Services provided by Departments</p> <p>8. Village Adoption through Unnat Bharat Abhiyan, health checkup, Swacha Bharat, Green Initiative, Gender Equality, Community Services</p> <p>9. Active MoUs</p>
<b>Infrastructure and Learning Resources</b>	<p>1. Campus Area 7.02 Acres</p> <p>2. Built up Area 20018.54sqmt</p> <p>3. 32 Classrooms</p> <p>4. 15 ICT based Classrooms</p> <p>5. Auditorium, Gymnasium, Indoor Stadium, Play Ground, Canteen, 2 Girls Hostels</p> <p>7. Library has 67254 Books and 85 Journals INFLIBNET Facility</p> <p>8. 300 Computers with INTERNET Facility</p> <p>9. Language Lab</p> <p>10. New Biochemistry Department and Lab Constructed</p> <p>11. Reading Hall with 400 student Capacity</p> <p>12. Brail Library</p>
<b>Student Support and Progression</b>	<p>1. 80% student get Financial support from Government</p> <p>2. Competitive Exam Guidance</p> <p>3. NET/SET Guidance</p> <p>4. Active Alumni Association</p> <p>5. Sport activities received University, State, and National level Recognition</p>
<b>Governance Leadership and Management</b>	<p>1. Principal provides good leadership</p> <p>2. Committees to coordinate and manage college Activities</p> <p>3. Administrative office and Library Computerized</p> <p>4. IQAC is functioning effectively since 2005</p> <p>5. IQAC has organized quality promotion workshops</p>
<b>Innovation and Best Practices</b>	<p>1. College campus is eco-friendly.</p>

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Criterion- 6: Governance, Leadership and Management

	<ol style="list-style-type: none"><li>2. Plastic free campus</li><li>3. Rain water harvesting</li><li>4. Solar power panel installed</li><li>5. Energy Audit , Green Audit, Gender Audit</li><li>6. Teacher Guardian Scheme</li><li>7. Entrepreneurship cell</li><li>8. Earn while learn scheme</li><li>9. Textile design and fabric painting activities</li></ol>
<b>Recommendations for Quality Enhancement of the Institution</b>	
<ol style="list-style-type: none"><li>1. Teachers to be motivated to undertake research projects</li><li>2. Computer student ratio to be improved further</li><li>3. Communication skill development programme to be made more extensive and community oriented</li><li>4. New skill based courses should be introduced</li><li>5. Field projects and Internship programmes should be undertaken</li><li>6. Campus placement fairs should be organized</li></ol>	

I agree with the observations of the committee mentioned in this report



Signature of the Head of the Institution  
**PRINCIPAL**  
Shri Shivaji College, of Arts  
Commerce & Science, AKOLA  
A GRADE C GPA. 3.24., BY NAAC

Signature of the Committee Members

Name	Designation	Signature with date
Dr. N. N. Saste	Chairman	N. N. Saste
Dr. D. V. Atkare	Member	D. V. Atkare
Dr. A. L. Kulat	Member	A. L. Kulat

## **Details of Academic Audit Report (2018-19)**

### **College Highlights**

- 1) College has potential to excel in the areas of Teaching, Learning & Evaluation, and Research & Extension activities.
- 2) The student to teacher ratio has become significantly better with the recruitment of 36 teachers. (35:01)
- 3) Two patents have been published.
- 4) The science departments have undertaken major research projects from DST/BRNS.
- 5) The Social science & Humanities faculty members have applied for ICSSR major projects and most have been short listed for selection.
- 6) DST-FIST funded CIC is actively promoting research culture and activities of science departments.
- 7) DST-FIST funded equipment & instruments have enriched the teaching, learning and research activities in the science departments.
- 8) Most departments have research guides & research centers
- 9) Good no. of quality extension activities by N.S.S. & N.C.C. including Clean India Mission, Voter Awareness Program, Gender Equality and Green Campus.
- 10) Green campus, Gender equality & Energy Conservation initiatives of the college are well documented and supported by Green Audit, Gender Audit & Energy Audit.
- 11) Active Entrepreneurship Cell with independent space is identified as one of the best practices in the college in addition to the Earn While Learn Scheme.
- 12) Good no. of students in the merit list of SGBAU.
- 13) Good no. of students participating in cultural and sports activities and have earned color coats.
- 14) Effective online feedback system for students, faculty, parents & alumni of the college. The feedback is regularly analyzed and acted upon by IQAC.
- 15) The College has organized conferences, workshops & seminars for the development and enrichment of faculty and students.
- 16) The college has introduced Add-on courses for the benefit & enrichment of students.
- 17) Student Teacher Guardian Scheme in the college is note worthy. The Guardian teacher provided all the assistance to the allotted students in their academic life in the college.
- 18) Add-on course ICSI study centre for CS exam by commerce department.
- 19) College has successfully organized and conducted pre Ph. D. course.
- 20) Representation on university authorities including BOS.
- 21) College has established Resource Centre for Inclusive Education to cater to the needs of differently abled persons, funded by RUSA & Govt. of Maharashtra.
- 22) Efficient use of ICT in teaching & college administration.
- 23) College digital classrooms & seminar halls equipped with projectors, smart boards and ICT tools.
- 24) Participation of students in sports and cultural activities at national level.
- 25) Physics department has been renovated to provide better and enhanced facilities to students

Report on Academic Audit of Shri Shivaji College of Arts, Commerce and Science, Akola (MS)  
With reference to NAAC accreditation and Assessment process

**Section I – General Information of the Institution**

General Information	
Name of the college	Shri Shivaji College of Arts, Commerce and Science, Akola
Year of Establishment	1963
Faculties	Arts, Commerce and Science and Home Science
Programmes and courses offered	UG - 04 PG - 21 Ph. D. - 15 Any Other - 13 Add-On Courses - 10
Permanent faculty members	98
Support staff	74
No of Students	4882
Major features	Co-Education Multi faculty DST-FIST support CPE Status up to 2019 SGBAU Lead College Resource center for Inclusive Education sponsored by RUSA ICSI Study Center

**Section 2: Criterion wise analysis (Qualitative Descriptive Assessment)**

**I Curricular Aspects**

The college is permanently affiliated to SGB Amravati University and scrupulously follows curricula prescribed by the University. The college offers four UG, 21 PG and 15 Ph. D. Programmes to facilitate horizontal and vertical mobility. In addition the college has added skill based thirteen COP and four Add-On short term course to meet Graduate attributes and learning outcome. Twelve teachers of the college contribute to the curriculum development as members of BoS. This is the only college offering Forensic Science Course in the University.

Preparation of academic calendar, Departmental interaction, daily notes, use of ICT, field projects are some of the tools used by the college for effective curriculum delivery.

IQAC conducts seminars/ workshops/ guest lecture/ Faculty orientation programme. The structured on line feedback obtained from stake holders on the curriculum, is analyzed and discussed in departmental meetings to forward to BoS.

The college may consult various Industries and employers to improve syllabus as per their requirements. More field projects, internship programme, on the job training may be organized to enhance skill and employment. Lab to Land activities viz. pest and pesticides, soil conservation and soil testing etc may be initiated to help masses and farmers in particular.

**II Teaching - Learning and Evaluation**

Chalk and talk method is supplemented by charts and Audio Visual aids. ICT method is extensively used with LCD projectors Computers and Ten Smart Boards. 55 teachers have Ph. D Degree. Good number of teachers is NET/SLET qualified.

Most of the students are from the lower strata of the society. About 30 percent students are from Muslim (Minority) Community. Most of the students are first generation learners.

Slow learners and advanced learners are identified by diagnostic test. Necessary facility like e-resource, text books, reference books etc. are given to the advanced learners throughout the year and encourage to participate in various competitions. Special attention is given to slow learners and extra classes/remedial coaching is done. The progress of the students is observed by mentor teacher.

IQAC reviews the academic performance of various departments and corrective measures suggested. Learning outcome, COs, POs, PSOs may be recorded for necessary action. Result of the students and overall performance is very good and can be enhanced further.

### **III Research Innovations and Extension**

There are 15 research centers recognized by the University and 32 research supervisors. Central Instrumentation Centre is established under the grants received from DST-FIST and major research projects are funded by BRNS and DST, DAE. Several high-tech lab Instruments are available in CIC.

The college can form cluster of upcoming colleges and help them in academic/research activities. Consultancy is offered by few departments which can be strengthened to generate resources. The college has also conducted projects with the support from ICSSR.

The college may submit proposals to Indian Council for Historical Research, CSIR, ICAR, and Rural Development Ministry etc.

Under Unnat Bharat Abhiyan Scheme the College has adopted five villages for overall development. The college conducts several activities with active involvement of NSS volunteers and NCC cadets for extension activities. The college may form linkages / MoU with research organizations. The college may formalize sharing of resources generated through consultancy to encourage teachers. More incentives may be given to teachers for facilitating research. The college may start incubation center to evolve innovative ideas.

### **IV Infrastructure**

The College has well protected campus area 7.02 acres. There building area of 20018 sq. mt. Out of 32 classrooms 15 are ICT equipped and 10 with smart boards. Well-equipped labs are available to facilitate teaching learning process and research. There are 300 computers with internet and intranet facilities. Library has 67254 books, 85 journals, INFLIBNET Facility and Reading hall for 400 students. More than 500 students visit library every day. Interactive language lab with DLL software is helpful to improve communication skills, vocabulary etc. Facilities for Divyangas are available and one divyang teacher helps them with braille library. Facilities for indoor and outdoor games are available. Power backup is provided for uninterrupted power supply. Annual maintenance may be outsourced. Other colleges may be allowed to use CIC facilities and resources may be generated. Pathology lab can conduct various

diagnostic tests and generate funds by charging nominal fees. Use of gymnasium may be allowed with concessional fees.

#### **V Student Support and Progression**

Eighty percent students get financial support from Govt. in the form of scholarship/free ships. Teachers and the college offer financial support to the needy students. Mentor-Mentee scheme is functional. There is registered Alumni Association. Alumni and Public representatives may be approached for funds generation. Competitive examination Centre guides the students. Students participate in academic and sports competitions at University, State and National level and win prizes and medals. The college has healthy system to provide support to the students for skill development, career counseling, placement and entrepreneurship development. Commerce Department offer guidance for business solutions. Home Science Department conducts various activities to enhance skill and employability of students. Fashion design and Instrumentation course are useful to the students. Earn while Learn scheme is implemented by commerce department.

#### **VI Governance Leadership and Management**

The organizational structure of the institution is based on the doctrine and philosophy of great visionary Dr Panjabrao Deshmukh, First Agriculture Minister, Govt. of India, the founder of the society. The parent society provides overall support to the college. The Principal provides good leadership and head of departments reciprocate equally. CDC, IQAC and various committees coordinate and manage college activities. Students on various committees play active role and make college campus vibrant. Alumni association is involved in some activities of the college. The active participation of the Alumni may be assured. Annual Performance/ Appraisal System for teaching and non-teaching staff is in place. Participative governance is evident at academic and administrative levels. The accounts are audited regularly through three tier system as per Govt. norms. The college may provide seed money for encouraging research and corpus fund for welfare of staff and students. The college may approach Industries and other Organizations to get funds from "Corporate Social Responsibility Provisions". IQAC may set the benchmarks. All the staff members may be made aware about various aspects of Quality Indicator Framework and new Assessment and Accreditation process.

#### **VII Institutional Values and Best practices**

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The ambience on the college campus is conducive and vibrant. College campus is made eco-friendly by taking measures like rain water harvesting, solar energy (partial), plastic free activities etc. Energy audit, Green Audit and gender Audit is done. Textile Design and Fabric Painting activities are conducted. In earn while learn scheme few more activities like gardening, aquaculture, apiculture, data entry etc. may be added. Distilled water bank from rain water is unique activity of the college. The college may think of selling bottled distilled water to generate funds. The entrepreneurship cell may be strengthened. Divyangas are supported by very active Divyang Teacher and Resource center for Inclusive education and Brailly Library. Yoga and music therapy are useful activities of the college. The college may prepare a handbook of code of conduct to imbibe values and ethics in all stake holders. The college may prepare photographic flora and fauna of the college. The college may undertake energy audit, fire audit and carbon audit.

**Section 3 – Overall Analysis:**

The College has good academic and physical infrastructure facilities to achieve excellence in Higher Education. Infrastructure is continuously augmented as per requirement of the students. Efforts are made to enrich curriculum and addition of need based courses. Involvement of students, teachers and other stake holders make the college campus lively & vibrant. Use of ICT makes the teaching - learning interesting and effective. Student centric activities are useful for overall development of students and imbibing institutional values and social responsibilities. Student -Teacher ratio needs improvement. Environment friendly activities can be helpful to sensitize students on global warming etc.

**Strengths of the College:**

- Parent society's pro-active approach and support
- Team work under the guidance of Principal
- Hard working and sincere students and staff.
- Good physical and academic infrastructure facilities at the central place.
- Good library and sport facilities with YOGA, Meditation, Music etc.

**Weaknesses:**

- Vacant Teaching and non-teaching positions.
- Financial constraints hamper development work.
- No nearby industries and other organization for mutual collaboration.
- Limitations on nearby space availability for expansion.

**Opportunities**

- To develop college in to Centre of excellence in higher education.
- To achieve autonomous status for academic and administrative liberty.
- The college has potential to achieve excellence.

**Challenges:**

- To generate resources for overall development.
- To improve NIRF ranking.
- E-waste and Chemical waste management.
- Holistic and overall development of students from lower strata of the society and from minority community.
- To make students Employable and Entrepreneurs.

**Section 4: Recommendations for Quality Enhancement of the Institution**

- Teachers to be motivated to undertake research projects and continue post doctoral research.
- Student Satisfaction Survey and parent's satisfaction survey may be regularly conducted.
- More student centric activities be organized for capacity building of students.
- Mahatma Gandhi, Pandit Javaharlal Nehru and Dr. Bhimrao Ambedkar centre may undertake more activities to imbibe universal values like truth righteousness, secularizes National integration etc.
- More Skill/Job oriented courses may be introduced.
- Training Programming may be organized in association with MSSIDC, MCED and other Government/Non Government organization.
- Campus placement, Communication Skill Development Programmes, Community Oriented Extension activities may be added / increased.

## Criterion- 6: Governance, Leadership and Management

- The college may take help of Society's Agriculture College, Medical College, Polytechnic College for training to students.
- SWOC Analysis may be regular feature for all departments.

  
Dr N N Saste  
Chairman

  
Dr A V Atkare  
Member

  
Dr A L Kulat  
Member

**ICT Facilities in the College and Softwares available for academics and Research**

<b>Particulars</b>	<b>At the time of 3<sup>rd</sup> NAAC Cycle (2010-11 to 2015-16)</b>	<b>At the time of 4<sup>th</sup> NAAC Cycle (2016-17 to 2020-21)</b>
<b>Classrooms with ICT facilities</b>	<b>04</b>	<b>07</b>
<b>Seminar Hall with ICT facilities</b>	<b>06</b>	<b>13</b>
<b>Departmental Computer labs</b>	<b>02</b>	<b>05</b>
<b>Internet services</b>	<b>WiFi, 10 mbps</b>	<b>WiFi, 100 mbps Lease line</b>
<b>Academic/ Research Softwares</b>	<b>ORELL, SPSS</b>	<b>ORELL, SPSS, ARC-GIS</b>
<b>Softwares in Account sections</b>	<b>Microsoft, Tally,</b>	<b>Microsoft, Tally, ERP</b>
<b>Softwares in Library</b>	<b>OPAC, Soul-2</b>	<b>OPAC, Soul-3</b>
<b>Softwares for Examination</b>	<b>--</b>	<b>Quest E-Tech (SGBAU Quest)</b>

**Career oriented and add-on Courses in the college:**

<b>Sr. No.</b>	<b>Title of Career oriented / add-on courses</b>
<b>1</b>	Functional English
<b>2</b>	Tourism
<b>3</b>	Library and Office Automation
<b>4</b>	E-Commerce
<b>5</b>	Insurance
<b>6</b>	Tally
<b>7</b>	Analytical Chemistry
<b>8</b>	Biotechnology- Certificate Course
<b>9</b>	Information and Computer Technology
<b>10</b>	Clinical Laboratory Technology- Certificate Course
<b>11</b>	Clinical Laboratory Technology- Diploma Course
<b>12</b>	Clinical Laboratory Technology- Advance Diploma Course
<b>13</b>	Bio-medical Instrumentation
<b>14</b>	Fashion Designing- Certificate course
<b>15</b>	Assembly and Manufacturing of Electronic Kits
<b>16</b>	Fundamentals and Applications of Genetic Engineering-
<b>17</b>	Certificate Course in Chemical Synthesis
<b>18</b>	Certificate Course in Spectroscopic techniques