

Shri Shivaji Education Society. Amravati's
Shri Shivaji College of Arts, Commerce and Science,
Near Shivaji Park, Akola (MH)
NAAC Reaccredited with "A" Grade with CGPA 3.24
UGC Status "College with Potential for Excellence"
Phone & Fax : 0724-2410438
Website : www.shivajiakola.ac.in E-mail : principal@shivajiakola.org

**The Annual Quality Assurance Report
(AQAR) of the IQAC
2016-17**

Submitted to ,
National Assessment and Accreditation Council
Bangalore
NAAC Track ID MHCOGN10611
NAAC Executive Committee No. & Date: EC/(SC)/13/A&A/93 dated 17 March 2016

Submitted by,
Principal,
Shri Shivaji College of Arts, Commerce and Science, Akola (MH)

Part – A

I. Details of the Institution

1.1 Name of the Institution

Shri Shivaji College of Arts,
Commerce and Science, Akola

1.2 Address Line 1

Address Line 2

Near Shivaji Park

City/Town

Akola

State

Maharashtra

Pin Code

444003

Institution e-mail address

principal@shivajiakola.org

Contact Nos.

0724-2410438

Name of the Head of the Institution:

Dr. Subhash G. Bhadange

Tel. No. with STD Code:

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Name of the IQAC Co-ordinator:

Dr. Ashish S. Raut

Mobile:

9822731118

IQAC e-mail address:

iqac@shivajiakola.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN10611

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC/(SC)/13/A&A/9.3 dated 17 March 2016

1.5 Website address:

www.shivajiakola.ac.in

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	78	2004	2009
2	2 nd Cycle	A	3.11	2010	2015
3	3 rd Cycle	A	3.24	2016	2021

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

25/01/2005

1.8 AQAR for the year (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR	2006 – 2007	22/ 04/ 2007
ii. AQAR	2007 - 2008	24/ 04/ 2008
iii. AQAR	2008 – 2009	05/ 05/ 2009
iv. AQAR	2009 – 2010	02/ 05/ 2010√
v. AQAR	2010 – 2011	26/ 04/ 2011
vi. AQAR	2011 – 2012	20/ 04/ 2012
vii. AQAR	2012 – 2013	25/ 07/ 2013
viii. AQAR	2013 – 2014	21/08/2014
ix. AQAR	2014 - 2015	03/08/2015
x. AQAR	2015-2016	10/07/2016

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commer Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Sant Gadge Baba Amravati
University, Amravati, Maharashtra

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

1. "Awareness of E-resources and searching techniques".
2. " I for Inclusion: Higher Education Module"
3. Employment Training For Students

2.14 Significant Activities and contributions made by IQAC

1. Organizing Student related Workshop
2. Implementation of Online admission Process for PG
3. Establishment of Resource centre for Inclusive Education
4. Research Consultancy Service through CIC (Central Instrumentation Cell)
5. Academic planning and review
6. Academic audit conducted every year
7. Self-appraisals filled up by all the staff and analysed at the end of academic year
8. Review of students and staff achievements
9. SWOC Analysis

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1.To Organize Workshop , Seminar and Conferences	1.Organized different Workshops, Conferences and seminars for Staff & Students
2.Academic calendar 2016-17	2. Activities run according to Academic calendar
3. Online Admission	3. Online admission for PG and plan to implement for UG
4. Academic Audit	4. Academic Audit conducted and suggestions given to concerning department
5. Proposal for establishment of Resource centre for Inclusive Education	5. Established Resource centre for Inclusive Education which is functioning well.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

- Reviewed the students' results and felicitated the faculty members and merit students.
- Attention of management was drawn towards the retirement and the transfers of teaching and non-teaching staff which has created difficulties in administration.
- Satisfaction expressed by the management about the overall development of College.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	15		15	
PG	22		20	
UG	05(29subject)		06	
PG Diploma				
Advanced Diploma	01		01	01
Diploma	07		05	07
Certificate	13		11	13
Others	01		01	01
Total	64		59	22

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	UG 2, PG 3
Trimester	
Annual	UG 03, PG 01

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

We are following the syllabus designed by SGB Amravati University and Syllabi are updated from time to time and this year many syllabi of B.Sc. have been updated.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
76	46	26	03	01 (Principal)

2.2 No. of permanent faculty with Ph.D.

49

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
43	38	27		03	01				

2.4 No. of Guest and Visiting faculty and Temporary faculty

40

03

128

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	04	40	02
Presented papers	02	41	
Resource Persons		04	

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Use of Smart Boards and visualizers.
2. Interactive lectures by Experts,
3. Use of LCD as a routine technique in teaching
4. Book review competition
5. Use of E-resources
6. MOODLE learning platform

2.7 Total No. of actual teaching days during this academic year

242

- 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Examination pattern of the Parent University is followed

- 2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

02	04	28
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- 2.10 Average percentage of attendance of students

83%

- 2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction	I	II	III	Pass %
BCom III	289	07	117	44	40	71.97
BA III	167	05	25	61	02	55.69
BSc III	255	15	93	12	56	69.02
BSc Home Sci III	14		04	06		71.43
MCom II	25		03	14		68.00
MA II Economics	35		01	03	05	25.71
MA II Music	09		05	04		77.78
MAII Sociology	33		06	07	12	75.76
MA II Marathi	14		01	03		28.57
MA II Pol Sci	22		01	03	03	31.82
MA II Psychology	08		03	02	03	75.00
MSc II Chemistry	23	05	05	08		78.26
MSc II Physics	16	03	03			37.5
MSc II Botany	20		12	05		85.00
MSc II Zoology	21	02	07	08		80.95
MSc II Microbio	11	02	07	01		90.91
MSc II Biochem	12	04	08			100
MSc II Comp Sci	36	02	08	07		47.22
MSc II Geoinformatics	04	01	03			100.00
MSc II textile	05	01	04			100.00

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- | |
|---|
| <ul style="list-style-type: none"> Monitoring committee take care of teaching learning process Academic calendar is prepared which is followed throughout the year Staff promoted to use ICT Method for teaching learning Academic audit is conducted at the end of each academic year. |
|---|

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	04
UGC – Faculty Improvement Programme	01
HRD programmes	
Orientation programmes	01
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others (Short Term Course)	10

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	40	04		
Technical Staff	43	06		

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research recognition committee (RRC) takes care of all research activities such as publication of the quality research papers, forwarding the cases for recognition of guide, recognition of the research laboratories, and registration of the research fellows, recommendation of Minor and Major research projects to funding agencies like DST DBT etc.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		03		
Outlay in Rs. Lakhs		51.61		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		06		
Outlay in Rs. Lakhs		15.25		

3.4 Details on research publications

	International	National	Others
Peer Review Journals	50	79	
Non-Peer Review Journals			
e-Journals			
Conference proceedings		23	

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2016-18	DAE- BRNS/UGC/	51.61	
Minor Projects	2016-18	UGC	15.25	
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (DST-FIST)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number				04	
Sponsoring agencies				AUCTA/PGDT,SGBAU	

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
			05			

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

23

63

3.19 No. of Ph.D. awarded by faculty from the Institution

01

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF 02

SRF

Project Fellows 4

Any other(Post Doc) 01

3.21 No. of students Participated in NSS events:

University level 11

State level 34

National level 01

International level

3.22 No. of students participated in NCC events:

University level 32

State level 02

National level 06

International level

3.23 No. of Awards won in NSS:

University level 01

State level

National level

International level

3.24 No. of Awards won in NCC:

University level State level
 National level International level

3.25 No. of Extension activities organized

University forum College forum
 NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Voter awareness programs, Blood donation camps, Haemoglobin check-up, Rubella vaccination, Cleanliness drive for nearby villages, Tree plantation and Green audit, Energy audit, Gender equality initiatives

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	7.2.Acores			7.2.Acores
Class rooms	30			30
Laboratories	49			49
Seminar Halls	12			12
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		15	DST/UGC/Self Finance	15
Value of the equipment purchased during the year (Rs. in Lakhs)		5665473	DST/UGC/Self Finance	5665473
Others				

4.2 Computerization of administration and library

- Administrative office and library is fully computerized.
- The office runs with Campus ERP Software whereas library is well operated by SOUL 2.0

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	49213	10181951	2547	495082	51760	10677033
Reference Books	15877	774861	592	35944	16469	1257246
e-Books	91500	N-LIST		N-LIST	91500	
Journals	86	31774			86	
e-Journals	1800	N-LIST		N-LIST	1800	
Digital Database	16	N-LIST		N-LIST	16	
CD & Video	517		20		537	
Others (specify) Theses & Dissertations	455		50		505	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	290	4	Broadband +VPN	6	0	04	26	00
Added	10		WIFI3G	2	01			02
Total	300	4	WIFI4G	8	01	04	26	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

WIFI 4G installed , Talking Books provided for differently abled.

4.6 Amount spent on maintenance in lakhs :

i) ICT	129957
ii) Campus Infrastructure and facilities	752981
iii) Equipments	61736
iv) Others	334163
Total :	1053659

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- There are committees for different activities related to student support services.
- Information related to scholarships and free ship is provided to students through notice boards and published in prospectus and also available on website.
- The staff members of the college have adopted poor and downtrodden students for educational purpose.
- The financial assistance to poor and downtrodden students is provided through college Poor Boys fund generated by staff members.
- “Earn while Learn” is an important scheme of the college for the poor and needy students, through which job skills are provided to students.

5.2 Efforts made by the institution for tracking the progression

Students’ progression is tracked through Feedback collected from students, Teacher Guardian Scheme, Alumni Association, Competitive Exam cell and Career Guidance and Placement cell.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
		35	

(b) No. of students outside the state

05

(c) No. of international students

00

Men	No	%	Women	No	%
	2475	50.91		2386	49.09

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1566	10	19	257	06	4672	1071	10	17	260	13	4861
	50	0	0				04	3	0		

Demand ratio 1:3 Dropout % 5.61

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Workshops and seminars are organized to train students on how to prepare for competitive examinations. The college is having NET/ SET Coaching centre and Entry in Services through Competitive exams. Guidance lectures on various opportunities are also organized by the Career Guidance and Placement cell of the college. The institution regularly organizes seminars/ guest lectures / workshops/ fairs for informing the students on the various competitive exams and the modality of examinations. Students are trained in mock entrance tests, group discussions, interview techniques, personal grooming.

No. of students beneficiaries

50

5.5 No. of students qualified in these examinations

NET	05	SET/SLET	05	GATE		CAT	
IAS/IPS etc		State PSC		UPSC		Others	06

5.6 Details of student counselling and career guidance

College has active career Counselling and placement cell. Students are informed about the various companies coming on campus for recruitment by notices displayed on notice boards that are strategically located in the college and also on the website.

- A placement officer coordinates with the industry and arranges for campus recruitment, thereby making it a student friendly environment for interviews. He organizes lectures/seminars/ workshops on various career option.
- Training programs in Functional English, Communication Skills, Personality Development, CV Writing, Group Discussion and Interview techniques are conducted by the Placement Officer, to enhance the skills of the students and increase their chances for selection at interviews.
- Workshops and Seminars are conducted in various areas like Personality Development, Group Discussions, Interview Techniques, how to prepare for competitive examinations .
- Different types of companies are invited on campus for recruitment thus catering to the needs of students of different specializations.
- The placement officer has excellent communication with the students via SMS, institution website and via face book page.

No. of students benefitted

50

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
02	78	11	43

5.8 Details of gender sensitization programmes

1. Equal opportunity to boys and girls in every activity.
2. Adoption of girl students by faculty members.
3. Beti Bachao programme, Jagar Janivancha (gender sensitization programme introduced by government of Maharashtra)
4. Felicitation of women's from different area on Women's Day.
5. Eminent women personalities are invited for talk during Durga utsav.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	25	74269
Financial support from government	3745	17670597
Financial support from other sources	60	83700
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

<h3>Vision</h3> <p>“Excellence in higher education, empowerment through knowledge, inclusive for socio-economic change and sustainable development”</p> <hr/>
<h3>Mission and Goal</h3> <ul style="list-style-type: none">• To impart quality education to the poor, downtrodden masses and to the last man of the society.• To provide facilities for the acquisition of knowledge and information and advancement of culture.• To undertake and make available facilities for research in Science.• To carry on experiments with a view to improve methods of teaching.• To ensure and inculcate perfect discipline in terms of regularity, Sincerity, and punctuality amongst the students.• To encourage at overall physical and cultural development of students fraternity through various curricular activities.• To encourage the women education by admitting the various subjects and faculties.• To help, assists any institution by advice, guidance, and supervision.• To organise exhibitions, and cultural weeks etc. to inculcate and acquaint student with cultural Heritage.• To organize and run tournaments, Competitions, cultural festivals, etc.• To undertake advertisement and propaganda of the ideal thoughts and teachings of our historic personalities by all possible means, such as lectures, debates, and demonstrations.• To hold, organize, arrange, seminars, conferences, kavi sammelon.

6.2 Does the Institution has a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The college is affiliated to SGB Amravati University. The curriculum is designed by the parent university. There are a large number of staff members who are members of Board of studies and sub-committees for framing the syllabus. The college decides the plan for execution of the syllabi, as per the quality of students and their learning capacity.

6.3.2 Teaching and Learning

- Introduction of Smart Boards and Visualizers in several departments.
- Renowned academicians are appointed as Visiting faculty in several departments.
- The staff members are provided with internet facility. The class rooms are provided with LCD projectors. Most of the teachers use LCD Projector for teaching.
- Workshops are arranged to enrich the knowledge of the students.

6.3.3 Examination and Evaluation

- The college follows semester system for some programmes and some are still annual pattern. The college examination committee arranges the tests for internal assessment and the terminal examinations
- Evaluation of the University examination is done at the Central Assessment Programme (CAP) in the University campus. The staff members from the college are assigned duties by the university.
- Students are allowed to ask for re assessments of their internal assessments.

6.3.4 Research and Development

- Staff members and students are encouraged to participate in conferences and publish research papers.
- Staff members are motivated to submit their research proposals to different funding agencies.
- RAC organize annual workshop for research paper writing.
- RAC organize workshop for Patenting.
- Students are motivated to participate in the research convention AVISHKAR.
- Undergraduate students are also encouraged to participate in seminars/workshops/conferences

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Development of interactive library website.
- Library provides E-resources to students and staff.
- Organized Book Review Competition to attract users toward reading new arrivals.
- Established Video Conferencing Unit.
- Training programme arranged for Library staff

6.3.6 Human Resource Management

- Decentralisation of work by distributing work to four Professors (HRD, IQAC, Examination, PRO).
- Human resource is well managed
- The teaching, nonteaching staff and students were distributed appropriate workload.
- Each teaching staff is given proper workload. They are given full liberty to teach and conduct the process of evaluation.
- All staff members are assigned the duties of co-curricular and extra circular activities

6.3.7 Faculty and Staff recruitment

As per Government Rules

6.3.8 Industry Interaction / Collaboration

Research is an important aspect of education. Collaboration is essential for enhancement of research quality. With this aim the college is immensely interested to collaborate with many agencies which are financially and academically beneficial for identity, visibility and diversity of college activities.

▪ **International Collaboration:**

- Royal University, Bhutan.
- Rajshahi University, Rajshahi, Bangladesh.
- Moulana Bhashoddin Institute of Food Technology, Tangail, Bangladesh.
- Saudi Pharmaceutical & Medical Research, Saudi Arabia.

▪ **National Collaboration:**

- University Grant Commission funded Major/ Minor Projects/Seminars/Workshops/ National, International Conferences
- Council of Scientific & Industrial Research, funded Projects
- Department of Science & Technology, funded Projects
- National Chemical Laboratory, Pune,
- Central Drug Research Institute Lucknow,
- National Environmental Engineering Research Institute, Nagpur,
- Indian Institute of Chemical Technology, Hyderabad,
- Centre for DNA Fingerprinting., Hyderabad,
- International for Crop Research Institute for Semi Arid Tropics , Hyderabad,
- M.S. University Baroda.
- Wokhart Research Division, Aurangabad
- Birbal Sahni Institute of Paleobotany, Lucknow
- Educational Multimedia Research Center,
- Board of Research in Nuclear Sciences, Mumbai
- Department of Atomic Energy, Mumbai.
- Bhabha Atomic Research Centre, Mumbai
- Hislop College, Nagpur.
- Rashtra sant Tukdojee Maharaj, Nagpur University, Nagpur.(Botany, Chemistry, Biochemistry)
- Maharashtra Remote Sensing Application Center (MRSAC),VNIT Campus, Nagpur
- Dr Babasaheb Ambedkar Marathwada University, Aurangabad
- Swami Ramanand Teerth Marathwada University, Nanded
- Savitribai Phule Pune University, Pune.
- Shivaji University, Kolhapur.
- Gondvana University, Gadchiroli.

▪ **Regional Collaboration:**

- Amravati University Chemistry Teachers Association (AUCTA)
- Sant Gadge Baba Amravati University (Electronics, Botany, Chemistry, Biochemistry)
- Brijalal .Biyani. Science College, Amravati.
- Adarsha Mahavidyalay , Dhamangaon,
- Shri Radhakrisan Lakshminarayan Toshniwal College of Science, Akola
- Shri Shankarlal Khandelwal College, Akola.
- Shreeji Hospital, Akola
- Rajasthan Aryan College, Washim.
- Panjabrao Deshmukh Krishi Vidhyapeeth, Akola. (Botany, Biotechnology, Home Science, Microbiology, Biochemistry)
- College of Engineering & Technology , Babhulgaon, Akola.(Biochemistry Home Science)
- School of Architecture, Babhulgaon, Akola.
- Akola Garden Club, Akola
- Fashion Designing Institute, Akola
- Government Medical College, Akola

▪ **Industries:**

- Biotch-on India, Pune.
- Shreya Biotech, Aurangabad
- Roxen Biotech, Nagpur.
- Govardhan Veterinary Feed supplement, Africa House, Gandhi Bagh, Nagpur
- S. R. Biocare, Nagpur.
- L. L. P , Manufacturer of Organic fertilizer, and promoters of Organic farming, Near RTO, Civil Lines, Nagpur.
- Aadicon Laboratory, Aurangabad
- WAWE (Women at work for Employment/Entrepreneurship), Akola.
- Leben Pharmaceuticals, Akola
- Shaheen Frozen Foods, Taroda, Shegaon (Buldhana).
- Chaitanya Biologicals, Malkapur (Buldhana).
- Shri Krishna Food Industries, Akola.
- MadhurJal, Moreshwar Colony, Akola.
- Rallies India limited Akola.
- Ellora Biofertilizers Cheetegaon, Paithan road, Aurangabad.

6.3.9 Admission of Students

- Admissions process is Computerised.
- Online Admission for PG Students started
- Government rules followed for Admission process.

6.4 Welfare schemes for

Teaching	2
Non teaching	3
Students	5

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	SSES	Yes	IQAC
Administrative	Yes	SSES/ Government	Yes	IQAC/Auditor

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Online valuation implemented for Science faculty

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- University has sent many circulars regarding Autonomy.
- University has organized several workshops on Autonomy of Institutes

6.11 Activities and support from the Alumni Association

- Alumni Association is quite functional body of the college
- Meeting of the Alumni Association are arranged from time-to time.
- Alumni supports the college socially, encourages students,
- Some alumni visit the college to engage guest lectures
- Some ex-students of the college who are at good positions provide job opportunities for the students and career guidance.
- Alumina of our college guides students for competitive examination regularly.

6.12 Activities and support from the Parent – Teacher Association

- Parent- Teacher association is an important body of the college
- It is a platform for collection of feedback from the parents, taking review of the achievements
- The students are felicitated for their academic and other achievements in presence of their parents
- The suggestions of the parents are very useful for the development of the college.

6.13 Development programmes for support staff

There are several programs for development of the staff members of the college, some of them are:

- Facilities for different trainings
- They are motivated and allowed to attend training programmes.
- The promotions and placements at higher scales are done regularly, at proper time
- Trainings are conducted for soft skill development, computer awareness, Use of ICT. etc
- Salary Earner's Society of the college helps them in saving, and getting loan facilities.
- A very healthy work culture.
- Best Teaching/non teaching staff award to male and female staff.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- No vehicle day is observed on 1st day of every month.
- Car pooling by staff members.
- Biogas plant installed.
- Vermicompost unit is installed.
- Gappi Fish tanks.
- Solar powered lamps, LED lamps are used.
- Wind coolers, solar heaters are used.
- Campus is made eco-friendly with gardens, which includes a botanical garden.
- Plantations are done by different dignitaries visiting the college. Some stakeckholders have planted the plants in memories of their close persons
- Botanical garden has good collection of the medicinal plants.
- Rain water harvesting is done for all buildings
- Gardens are maintained properly.
- Burning of waste is prohibited in campus.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

As the college nurtures the spirit of innovation and experimentation, it keeps introducing new mechanisms for the improvement of its functioning. The following innovations and new strategies have been adopted in this regard:

- Public Address System is used to make important and urgent announcements to the Students.
- The installation of video conferencing system will further create a positive impact on the working of the college.
 - Smart boards to some of the departments for improving teaching learning process.
 - Online admission for PG students
 - Message system

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

BA English Medium started.

Permission to start BPA(Bachelor of Performing Art) is awaited .

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Title of the Practice: EARN WHILE LEARN SCHEME

2. Goal:

- To employ students to work in the college after academic activity.
- To enhance the skills of students and to make them employable/competent

3. The Context:

Most of the students studying in the college are from socio economically weaker sections of society. The college Management has devised “**Earn While Learn Scheme** “to financially support the economically backward and needy students who possess some general skills like DTP work, data entry work, photography and video shooting work and other work which finds use in the day to day office work of the college.

4. The Practice:

College has several part-time jobs for the students to work in the college under “Earn While Learn Scheme”. The college offers data entry work, scholarship related work, printing work, video shooting and photography work and other work where college needs manpower to the students. The students are trained to assist the office staff members in different types of regular non-technical work. The students are paid for the work performed or services rendered.

5. Evidence of Success:

The students working in this scheme have successfully undertaken the jobs like stitching and supplying uniforms for college students, design, manufacture and supply of identity cards for the college staff and students, Shivdnyan Magazine editing and printing, design and printing of reports, brochures, invitation etc. The students have undertaken statistical surveys, e-filing of income tax returns and participated in census. The students assist office staff for scholarship related work.

6. Problems Encountered and Resources Required:

Identification of needy and economically backward students with requisite technical skills has been the most important issue to be dealt with. Secondly, the students must be trained to perform routine non-technical office work.

Best Practice II

1. Title of the Practice: HEALTH SERVICES

2. Goal:

- To check health problems of students and staff
- To provide services to Community
- To keep students and staff healthy and physically fit for the academic work

1. The Context:.

Most of these girl students of our college have low socio economic status, rural and illiterate family background. These girls are in the adolescence phase of life cycle. Adolescence is a phase of rapid growth in the life cycle with increased iron requirement. Low dietary intake of iron, blood loss due to Hookworm infestation and Malaria are the causes of iron deficiency. The anaemic condition of the girl students can adversely influence their physical well being and academic performance. Secondly, the girl students with Rh -ve factor of blood group are considered as high risk future mothers. Anti-D injection is used to treat this disorder. Another concern about the girl students is Rubella or German measles infection which is a childhood infection.

Considering the above, the management of our college has adopted the policy of compulsory haemoglobin check up, blood group check up and rubella vaccination for girl students followed by remedial measures. Personal hygiene and health of the girl students is ensured further by installing and commissioning of sanitary napkin vending machine providing low cost and safe sanitary napkins. The Health centre regularly checkups Blood Sugar, BP, and Lipid Profile of Staff and maintain Health Card of staff.

2. The Practice:

This practice includes haemoglobin & blood group check up of girl students followed by remedial measures, rubella vaccination of girl students and blood donation for needy people. Estimation of haemoglobin and blood group of all girls' students of college is done every year. Proper medicines, tonics and De-worming tablets are given to all students.

The college alumni, teaching and non teaching staff of the college, doctors from Akola city, philanthropic individuals and organizations from and around Akola city, generously donate iron and nutritional supplement tablets and tonics for the students. To protect potential future mothers, the girl students are vaccinated against Rubella. Our college organizes regular blood donation camps.

3. Evidence of Success:

This practice has succeeded in developing awareness about anaemia, Rh –ve factor of blood group and Rubella infection in adolescent girl students of the college. It has improved haemoglobin percentage in the anaemic girl students. The girl students have been de-wormed. The blood group of every girl student has been identified. It has helped to identify Rh –ve girls. Such girls are high risk future mothers so parent counselling is done. Potential future mothers are protected from Rubella infection and related risks by vaccinating them. The girl students have expressed their satisfaction about the practice. Overall effect of this practice is all round development, improved attendance and excellent academic performance of girl students.

4. Problems Encountered and Resources Required:

Most of the girl students studying in the college have poor, rural and illiterate family background. Hence, initially, efforts have to be taken to create awareness about anaemia, Rh –ve factor of blood group and Rubella infection, their effects on physical health and medical treatment to alleviate them.

****Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

- CFL/LEDs have been installed
 - In non reading and non working areas reduced lighting is used.
 - For outdoor lighting, high pressure sodium or metal halides lamps are used.
 - All the office windows are covered by blinds or curtains to reduce heat conduction.
 - Employees and students of college observe “No Vehicle Day” on 1st day of every month.
 - Paperless administration use of Whatsapp, E-mail and Facebook for Communication.
 - Fans and lights are switched off in unoccupied classrooms or laboratories.
- The following devices have been installed as alternatives to electrical appliances such as Solar Lights, Solar Water Heaters, Wind operated Ceiling Coolers, Biogas Plant

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

E-Waste Management

- Electronic waste, such as discarded computers, office electronic equipments, television sets, and refrigerators are disposed off as per their conditions, sometimes donated to the needy institutions.
- Inverter batteries are handed over to expert persons only for dismantling or recycling.
- Oxygen park has been developed by planting Ocimum species (Tulsi).
- **Student Feedback System (SWOC)**

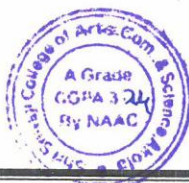
The college has developed the student feedback mechanism. The feedback forms are developed by the IQAC. The submitted feedback forms are analyzed by the feedback committee & the outcome is communicated to the concerned. As per the feedback of students, separate and spacious toilets are constructed, girls common rooms are constructed, WIFI facility is provided in most of the department and library facility is provided in the girl's hostel.


- Internal Assessment of the college is done by "SAAC" Shri Shivaji Assessment & Accreditation Council of our parent society Shri Shivaji College of Arts, commerce and science, Akola (MS)
- Organised speeches of social thinkers on the thoughts of Shivaji Maharaj, Dr Panjabrao Deshmukh, Babasaheb Ambedkar etc.
- Following Parameters are analyzed from Akola city.
1..ExitPoll 2. Suggestion from departments regarding survey and sampling such as soil testing, water hardness testing under taken

8. Plans of institution for next year

1. Installation of Compost Machine
2. Green and Clean Campus
3. Semester , Credit and Grade system
4. Online UG Admission process
5. Making CIC fully functional
6. Submitting research proposals to different funding agencies
7. Organizing competitions, seminars, workshops for students
8. Resource centre for Inclusive Education
9. Organizing research convention AVISHKAR
10. Organizing Guest Lectures
11. Organizing departmental programs/activities according to Academic Calendar


Dr. Ashish S. Raut
Dr. Ashish Raut
Signature of the Coordinator, IQAC
Shri Shivaji College of Arts,
Commerce & Science Akola




Dr. Subhash G. Bhadange
Principal
Signature of the Chairperson, IQAC
Shri Shivaji College of Arts,
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A Grade CGPA 3.11, by NAAC