



Atul Vidya Mandir's

Rajarshee Shahu Science College

Chandur Railway, Dist: Amravati - 444904 (M.S.)

Track ID: MHCOGN27024

The Annual Quality Assurance Report

Academic Year

2017-2018

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India



Atul Vidya Mandir, Wardha's
Rajarshee Shahu Science College

Virul Road, Chandur Rly, Dist. Amravati PIN - 444 904

(College Code : 807)

(Accredited with B⁺ Grade by NAAC)

PRESIDENT

Prof. Mrs. Uttaratai V. Jagtap

SECRETARY

Prof. Virendrabhau W. Jagtap

PRINCIPAL

Dr. Suresh S. Thakare

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Ref. No. 480/18

Date: 29/12/2018

To
The Director
National Assessment and Accreditation Council
Bengaluru

Subject: Submission of AQAR 2017-2018

Ref :- Track Id- MHCOGN27024

Dear Sir,

We are herewith enclosing the Annual Quality Assurance Report of IQAC of the academic year 2017-2018.

Kindly accept the same and acknowledge.

Thanking You

Date : 29th December 2018



M. Thakare

Principal

Rajarshee Shahu Science College
Chandur Rly, Distt. Amravati

Part – A

1. Details of the Institution

1.1 Name of the Institution	: Rajarshee Shahu Science College
1.2 Address Line 1	: Virul Road ,Near ITI
Address Line 2	: Chandur Railway
City/Town	: Chandur Railway
State	: Maharashtra
Pin Code	: 444907
Institution e-mail address	: rajarsheeshahucollege@rediffmail.com
Contact No.	: 07222-254111
Name of the Head of the Institution	: Dr. S. S. Thakare
Tel. No. with STD Code	: 07222-254111
Mobile	: 9422844149
Name of the IQAC Co-ordinator	: Dr.G.B.Santape
Mobile	: 9850052692
IQAC e-mail address	: rssciqac@gmail.com
1.3 NAAC Track ID	: MHCOGN27024
1.4 NAAC Executive Committee No. & Date	: EC(SC)/28/A&A/6.1
1.5 Website address	: www.rssc.edu.in
Web-link of the AQAR	: http://rssc.edu.in/pdf/AQAR_2017-18.pdf

1.6 Accreditation Details:

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B ⁺	2.51	2017	2022

1.7 Date of Establishment of IQAC : 20/09/2015

1.8 AQAR for the year : 2017-2018

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

This is the first AQAR of the college after the Assessment and Accreditation by NAAC for first cycle (8th -9th September 2017)

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 ☒

(e.g. 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 ☒

Commerce ☐

Law ☐

PEI (Phy. 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

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	<input type="text" value="10"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="---"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="----"/>
2.8 No. of other External Experts	<input type="text" value="01"/>
2.9 Total No. of members	<input type="text" value="15"/>
2.10 No. of IQAC meetings held	
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="4"/> Faculty <input type="text" value="3"/>

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

University level workshop on IPR and PBAS

2.14 Significant Activities and contributions made by IQAC

- Organized University level workshop on IPR and PBAS
- Organised National Symposium cum Workshop
- Encourages the faculty members to present the research papers in seminars/workshops/conferences and to publish papers in Journals and Magazine. Total 13 papers are presented in Journals and 14 papers in conferences
- Promoting the students for participation in research convention organized by Sant Gadge Baba Amravati University, 3 students were participated in Avishkar.
- Organization of co-curricular and extracurricular activities.

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
To prepare the Academic Calendar	Academic Calendar Prepared and implemented
To approve the micro teaching plan of teachers	Teaching plan Approved and implemented
To organize seminars /workshops in the college	Organized one University level workshop on IPR-PBAS and one National level symposium cum workshop organized as a collaborator
To motivate the faculty to participate in International, National and State level academic events	*03 faculty members attended at National and State level seminars *04 faculty members presented research papers in International conference *10 faculties presented the research papers in National seminars and conferences
To encourage the faculty for research publications in the journals	12 research papers published in International and 01 in National Journal
To inspire the students to participate in the Avishkar –Research convention and NSD-2017	03 students actively participated in the District level research convention Avishkar organized by SGBAU

To inspire the students to participate in the cultural /youth festivals and sports events	<ul style="list-style-type: none"> • 26 Students participated in the Youth Festival • 121 students were participated in different events of Sports tournaments organized by SGBA University. • Two players represented All India Inter University tournament in Hockey.
To upgrade Library and Science laboratories	Both are upgraded by purchasing books and periodicals, N-LIST of Rs. 34166/- and equipments of Rs.283868/-
To organize the extension activities of Social relevance	<ul style="list-style-type: none"> • Organized Vrush Dindi awareness rally on 4th July 2017 • Tree plantation Mega drive program was conducted on 5th July 2015 • Conducted Eye check up on 12th August 2017 • Blood donation camp was organized on 11 August 2017
To organize a Special NSS Camp in adopted village	A special NSS Camp of 7 days was organized at Dhanora Mhali from 12 th December 2017 to 19 th December 2017
To conduct the academic audit	Semester wise academic audit was conducted

** Attached the Academic Calendar of the year as Annexure. 2.1*

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body ☐ Faculty ☐

Provide the details of the action taken

- Suggestions made by management and faculty were incorporated

Criterion – I

1. 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	-	-	-	-
PG	-	-	-	-
UG	01		-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	03	-	03	-
Others	-	-	-	-
Total				

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	01
Trimester	--
Annual	---

1.3 Feedback from stakeholders: Alumni Parents Teachers Students

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

**Analysis of the feedback is attached in the Annexure.2.2*

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

NO

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

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
10	09	01	00	00

2.2 No. of permanent faculty with Ph.D.

07

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
00	03	00	00	00	00	00	00	00	00

2.4 No. of Guest and Visiting faculty and Temporary faculty:

Guest faculty

00

visiting faculty

00

Temporary faculty

10

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	--	02	01
Presented	04	10	--
Resource Persons	--	--	01

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

- To improve results of all classes a preliminary examinations were conducted with question papers set by faculty.
- Unit tests were conducted after the completion of chapters/units.
- Educational tours, industrial visits, project based learning were arranged to provide direct exposure of techniques adapted from various fields.
- Academically weak students were upgraded by conducting remedial coaching classes.
- Students were encouraged by awarding cash prizes on the occasion of Sport and Cultural meet

2.7 Total No. of actual teaching days during this academic year 180 days

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

Open Book Examination, MCQ, University pattern Mock Test, Group Discussion, Seminar, Double Valuation.

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

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01
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2.10 Average percentage of attendance of students. 82%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme		Total no. of students appeared	Division				Pass %
			Distinction %	I %	II %	III %	
B.Sc.-I	Sem-I	116	00	14.06	85.95	0	55.17
	Sem-II	113	2.77	43.05	55.55	1.38	65.48
B.Sc.-II	Sem-III	76	00	57.57	42.42	00	43.42
	Sem-IV	74	3.33	66.66	30	00	40.54
B.Sc.-III	Sem-V	103	9.67	51.61	38.70	00	30.10
	Sem-VI	103	6.34	57.14	36.50	00	61.16

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

- IQAC prepares an Academic Calendar and it implemented
- IQAC approve the teachers Micro teaching plan at the beginning of year
- Planning and execution of Curriculum and Co-Curriculum
- Identification and treatment to slow and advance learners.
- Monitoring of the students through Students Mentor Scheme
- Teachers diary maintained

- University examination results analysed and suggestion are given to faculty
- Continuous evaluation of the faculty and the students is made by IQAC.
- IQAC conducts semester wise Academic Audit.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>	<i>Duration</i>
Refresher courses	01	Dr. S. S. Padhen (9 th Nov. to 29 th Nov. 2017) at DAVV Indore
UGC – Faculty Improvement Programme	--	--
HRD programmes	--	--
Orientation programmes	--	--
Faculty exchange programme	--	--
Staff training conducted by the university	--	--
Staff training conducted by other institutions	--	--
Summer / Winter schools, Workshops, etc.	--	--
Others	--	--

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	08	--	--	--
Technical Staff	06	--	--	--

Criterion – III

3. Research, Consultancy and Extension

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

- We encouraged our faculty members to participate in various seminars, workshops and conferences of their respective subjects.
- In order to develop research aptitude in our faculty, we provided them a platform to register for Ph. D. degree. One of faculty member received Ph. D. Degree.
- Students motivates for participation in Research Convention and Science exhibition.
- Group wise Students Research Projects was conducted at departmental level.

3.2 Details regarding major projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications:

	International	National	Others
Peer Review Journals	10	01	00
Non-Peer Review Journals	02	--	--
e-Journals	--	--	--
Conference proceedings	--	--	--

3.5 Details on Impact factor of publications:

Range 0.4-5.327

Average

h-index

Nos. in SCOPUS

--

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects (other than compulsory by the University)	--	--	--	--
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 (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution:

Level	International	National	State	University	College
Number		01		01	
Sponsoring agencies		Indian Science Congress Association		Management	

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
-	-	-	-	-	-	-

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level 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.

- Blood donation camp was organised by NSS unit on dated 11th Aug 2017. All about 37 blood donors donated blood.
- Free Eye check-up camp was organised by NSS unit on dated 10th Aug 2017. All about 140 patients from Chandur Rly was benefited and 40 patients were referred for operation.
- Mega Tree Plantation programme was organised by NSS unit on dated 3rd - 4th July. 50 trees were planted at road side of College.
- On the Occasion of 2nd October 2017 Cleanliness program was taken under sphere of Swachhata named as “*Swachhta hi Seva*” to Celebrate 3rd anniversary of Swach Bharat.
- Department of Chemistry organized Herbal Holi on occasion of Holi festival on dated March 1, 2018.

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	7018 Sq. m	-	Management	7018 Sq. m
Class rooms	07	-	Management	07
Laboratories	06	-	Management	06
Seminar Halls	01	-	Management	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	12.64822	2.83868	College	15.48690
Others	4.82605	0.62361	College	5.44966

4.2 Computerization of administration and library

Yes, Library Management System (LibSoft)
--

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value In Rs.	No.	Value In Rs.	No.	Value In Rs.
Text Books	1147	175646	77	11340	1224#	208522.3
Reference Books	416	124499	22	10709	438#	156095.9
e-Books	0	0	3135000+	NLIST Membership Rs. 5900	3135000 *	NLIST Membership Rs. 5900

Journals		10	12047	9	0	10	12047
e-Journals		0	0	6000+	NLIST Membership	6000**	NLIST Membership
Digital Database		0	0	0	0	0	0
CD & Video		59	0	3	0	62##	0
Other s (speci fy)	Maga zine	4	4887	7	1290	4	6177
	Other Book s	285	34735.70	24	4830	309#	42845

* Library has access of e-book through UGC-INFLIBNET National Library and Information Services Infrastructure for Scholarly Content (NLIST)

** Library has access to e-Journals through UGC-INFLIBNET National Library and Information Services Infrastructure for Scholarly Content (NLIST)

CDs/DVDs also included the donated items.

Number of books also includes the donated books.

4.4 Technology up gradation (overall)

	Total Comput ers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	24	11	24	-	-	6	4	3
Added	2	-	-	-	-	-	-	2
Total	26	11	24	-	-	6	4	5

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

Computer Literacy campaign

Computer Literacy campaign Start from 26th July 2017 At Department of Computer Science for the students and non-teaching Staff.

Training Methods

The training was carried out using a number of methods that were combined.

- Participants were firstly introduced to the system (computer) its parts, functions, software, what are their benefits to us all were explained to them.
- Students were shown all the steps of the function, software how to perform it and then they were asked to perform this functions on their own.

Content focus

The workshop was divided into several sessions. These sessions were based on the following activities:

1. Power Point Presentation on basic components of a computer and fundamentals of operating system.
2. How to use the computer to write documents (using MS Word).
3. Use of Internet, how to create Gmail, sending mail through Gmail

Each session had its own unique timing however, the timing was adjusted for sessions according to the needs and abilities of the participants.

4.6 Amount spent on maintenance in lakhs :

i) ICT	0.26250
ii) Campus Infrastructure and facilities	0.29970
iii) Equipments	0.04925
iv) Others	0.0
Total:	0.61145

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The institution published its updated prospectus and handbooks in the beginning of the academic year 2017-18
- The information content is disseminated to students at the beginning of every academic year.
- The Heads of Department explain the course material and question pattern with the help of IQAC.
- Collection of student feedback on curriculum and teachers and its analysis by IQAC
- Wide publicity of government Scholarship Announcement through Notice board and College website is made by IQAC
- Display and Circulation of necessary notices through Notice Board
- Students Mentor Scheme is implemented
- Dr.APJ Abdul Kalam Student adoption scheme
- Academic and financial support is planned from the Alumni

5.2 Efforts made by the institution for tracking the progression

- The Alumni Association maintains consistent correspondence.
- Conduction of regular college test and terminal examination and its analysis.
- Every department maintains a register for recording the progress of students.
- Guest lectures and inspirational talk organized to guide the students.
- The Dept. of Faculty guide / helps students in personality development.
- Carrier guidance and Students counseling cell provides free coaching for competitive examination.
- Dr. A. P. J. Abdul Kalam students adoption scheme provides financial assistance to economically weaker students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
298	-	-	-

(b) No. of students outside the state

(c) No. of international students

No	%

Men

No	%

Women

Last Year:2016-2017						This Year:2017-2018					
General	SC	ST	OB C	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
50	49	06	156	-	261	62	47	04	185	-	298

Demand ratio 1:1 Dropout 6.57 %

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

- Regular classes for guiding students to prepare for different competitive exams are organized.
- Guidance was provided to the students by Dheya Group Study to prepared for competitive examination.
- Workshop was organized on Competitive Exam Awareness on July 29, 2017
- Organized awareness programme on *Rojgar Naukari App* on August 11, 2017
- Guest lecture of Mr. Naresh Kawalkar on MPSC coaching classes was organized on 4th February 2018.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="01"/>

5.6 Details of student counselling and career guidance

- Career guidance and Students counseling cell is actually working in the college.
- The college gave publicity through notice board about vacant position and recruitment announcement of government and private sectors.

No. of students benefitted

298

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
-	-	-	-

5.8 Details of gender sensitization programmes

- Guest lecture of Dr. Pradnya Gawande and Mrs. Darshna Lanjewar organized on the eve of International Women Day on 8th March 2018.
- Guest lecture of Mr. A. M. Patil was organized on Woman Empowerment in NSS Camp on 15 Dec. 2017

5.9 Students Activities

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

State/ University level

12

National level

02

International level

-

No. of students participated in cultural events

State/ University level

28

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	06	3000/-
Financial support from government	229	Awaited
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International

Exhibition: State/ University level National level International

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:

Vision:

To create brilliancy in science for comprehensive social development adaptable to global competency and to enhance and upgrade socially deprived and marginalized student with the tool of education which inculcates social, moral, ethical values among all strata of rural students.

Mission:

- To create scientific temperament among the students.
- To bring girls in the main stream of education.
- To provide education to the socially backward and rural students.
- To create cultural and cult of social service among the students.
- To make students responsible citizens.

6.2 Does the Institution has a Management Information System :

Yes, Administrative procedures including

1. Finance
2. Student admission
3. Student records
4. Evaluation and examination procedures

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

6.3.1 Curriculum Development

- Institution is running three years duration B.Sc. degree course.
- Intake capacity of students at entry level is 120 as per the university norms.
- The college provides academic flexibility by offering optional subjects of four different combinations of three subjects
- Vertical mobility can be availed in the form of ATKT scheme of University.

6.3.2 Teaching and Learning:

Interactive teaching - learning method

- Project works, group discussions and seminars on recent trends in subjects and Curriculum based are assigned to students.
- The institution has organized industrial visit, field visits, study tours and workshop.
- The faculty members prepare question banks for the students

6.3.3 Examination and Evaluation :

The examination committee of the College takes care of the evaluation reforms.

- The IQAC monitors the implementation of the evaluation processes.
- The marks of internal assessment are displayed before the commencement of University examination.
- There is provision of Nodal officer in the College to impart services to the students related to the University examination tasks.

6.3.4 Research and Development:

Yet no research laboratories, recognized by SGB Amravati University.

- Scientific guest lecture of Mr. Vijay Girulkar was organized on Journey to Space on 29th Jan. 2018.
- Students are allotted the research based projects which develop scientific temperament amongst the student fraternity.
- On event of 'National Science Day' in accordance with the theme Poster competition was conducted.
- Three students participated in District level research convention "AVISHKAR" organized by Shivaji Science College, Amravati on 14th Dec. 2017.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

The infrastructure development is approved by College Development Committee.

- The library Committee, as per the requirement and the yearly budget, the books/ journals/ e-resources are procured.
- Tenders are called by the purchase Committee for procuring the equipment's and ICT related peripherals, as per the budget and requirement.

6.3.6 Human Resource Management:

The state Govt. rules, regulations and reservation policies are strictly adhere in recruitment of teaching and non-teaching

6.3.7 Faculty and Staff recruitment:

The Parent management, as per vacant post, implements the procedure of recruitment of faculty and other staff through the approval of the state Govt. and The parent University.

- The reservation policy is adopted as per the State Govt. Rules.
- The temporary faculty are recruited as per the need of self-financing

6.3.8 Industry Interaction / Collaboration:

College has full support and free hand to organized Industrial tours for exchange of industrial information research and training to the students.

The College has MoU with following organization

- S-R lab J.D. Patil Sangludkar Mahavidyalaya, Daryapur
- Garden Club Amravati
- TREE

6.3.9 Admission of Students:

- Students are selected for admission on the basis of past academic record and merit list to which admission is sought.
- As the college is an aided institution, admission of students is done as per Government norms. 100 % of the seats are filled as per the Government policy of reservation.

6.4 Welfare schemes for

Teaching	NO
Non teaching	NO
Students	Yes

6.5 Total corpus fund generate

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	No	--	Yes	IQAC and Management
Administrative	No	--	Yes	CA

6.8 Does the University/ Autonomous College declares 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?

- Home examination conducted for B.Sc. Part-I
- On screen valuation for B.Sc. II and III Year

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

Parent University has, in its statutes, a provision to grant autonomy to the colleges

6.11 Activities and support from the Alumni Association:

- Alumni meet was held on 30th June 2017
- Workshop was organized on
- Women Empowerment
 - Youth Leadership
 - Personality Development

Annexure No. 2.3

6.12 Activities and support from the Parent – Teacher Association

- Aai Maza Mahavidyalayat held on January 2018

6.13 Development programmes for support staff

- Training programme was organised on use of ICT on 3rd April 2018

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

Eco-friendliness in the campus is the policy of the college.

- Roof Top Solar Panel System of 5 kW installed in August 2017
- Rain Water Harvesting
- Mega Tree Plantation Drive was conducted on July 1-7, 2017
 - a) *Vruksha Dindi*, an environment awareness rally on July 4, 2017
 - b) Tree plantation in the campus was conducted on July 5, 2017
- Eco-friendly rakhi making competition on August 05, 2017
- Herbal Holi, a campaign for prohibition of use of synthetic colours and use of natural colours on March 1, 2018
- Vermicompost plant is installed in the college 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.

The college has introduced following innovative activities which have created a positive impact on the functioning of the college.

- Guidance on personality development by Mr. Anil Jadhav is organized in the campus.
- **Dr. A.P. J. Abdul Kalam Students Adoption Scheme:** Faculty offers financial help to best performance, need and poor students every year. Six students get benefited.

Awards

- Recognition is the best way to motivate and in this direction the college and faculty members have instituted prizes for achievers/toppers from teachers in memory of their dear ones.
- Three short term certificate courses were conducted to develop skill amongst the students
 - i) Certificate course in Textile weaving
 - ii) Certificate course in Textile spinning
 - iii) Certificate course in TallyEight students were benefited financially.
- Organized Awareness workshop on Rojgar Naukari Free App.

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

- Preparation of Academic Calendar
- University level workshop was organized on IPR and PBAS. (June 25, 2017)
- Organization of National symposium cum workshop was organized as a collaborator. (December 3-5, 2017)
- Re-designing of College website
- Levelling of ground
- NDL of India is available in the Library.
- Campus placement is conducted on October 12, 2017.
- Three students were participated in District level AVISHKAR (December 14, 2017).
- Twenty Eight students participated in Youth Festival held at Raison College Amravati (September 23-26, 2017).
- One Hundred Twenty One students participated in Inter-collegiate tournament organized by SGBAU Amravati.
- Two players participated in Inter-University held at Gwalior.
- *Swachhata hi Seva* conducted under the Swachh Bharat Abhiyan campaign .

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

- Mega Tree Plantation
 - Mission Computer Literacy
- (*Details is attached in annexure with as I and II*)

7.4 Contribution to environmental awareness / protection

- Mega Tree Plantation Drive was conducted on July 1-7, 2017
 - a) *Vruksha Dindi*, an environment awareness rally on July 4, 2017
 - b) Tree plantation in the campus was conducted on July 5, 2017
- Eco-friendly Rakhi making competition on August 05, 2017
- Herbal Holi, a campaign for prohibition of use of synthetic colours and use of natural colours on March 1, 2018
- Project of Vermicompost is strengthened
- Celebration of Wild life Week October 1-7, 2017
- Group discussion and Rangoli competition was organized by department of Zoology on the occasion of International Ozone Day September 16, 2017
- Student of B.Sc. Part I Ms.Mrunali Gajbhiye bagged second prize and Ms. Rakhi Kothari participated in taluka level Swachhata Mitra Elocution competition (December 2017). Ms.Mrunali Gajbhiye participated in district level Swachhata Mitra Elocution competition
- Students of B.Sc. Part I Ms. Roshani Mete and Ms. Vaishanvi Bhond Nominated as Tiger Ambassador by the office of conservator of forest Melghat Tiger Reserve project Govt. of Maharashtra
- As per university syllabus compulsory subject as Environmental Studies for B.Sc. Part II students is run for creating environmental consciousness
- A Guest lecture of Dr. A.K.Bodake on Significance of Spiders organized by Department of Zoology on April 9, 2018. Fifty students of B.Sc. Part I was attended

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

Strength

- i) Accreditation by NAAC with B+ grade in the first cycle.
- ii) Received permanent affiliation by parent University and obtained 2f and 12b status from UGC.
- iii) Safe, clean and healthy atmosphere for the students.
- iv) Qualified teaching staff.

Weakness

- i) No regular faculty for self financing courses.
- ii) No research fund from UGC or any other funding agency
- iii) Research centre is not recognised by University

Opportunities

- i) To start PG and Job oriented Certificate courses
- ii) To arrange the National Conference and University level Workshop

Threat

- i) Lack of frequent transport facility to rural students
- ii) Less number of books for competitive exam preparation

8. Plans of institution for next year

- To start new subject Geology at UG level
- To develop research culture amongst students and faculty
- To organise National Symposium cum workshop.
- To organise state level Workshop on teaching methodology by IQAC
- To organise state level workshop on Nursery Technique and Management by IQAC and Department of Botany
- To organise Inter-Collegiate tournament of University level by Department of Physical Education (October 2018)
- To develop industrial linkage and collaboration
- To organise the Inter-Collegiate quiz competition in the subject Chemistry



Signature of the Coordinator, IQAC

Name: Dr.G.B.Santape

Signature of the Chairperson, IQAC

Name : Dr.S.S.Thakare

Best Practice

(I)

Title of the practice: Mega Tree plantation drive

This activity is launched each year (mostly during the monsoon season) by the college with the help of Eco Club. More than one fifty trees, shrubs and flowers plants are grown in an around alone i.e. within 1.5 Km. The college aspires to focus on the overall environment friendliness. It is one of the best practices used to realize the goals of the college. To save the trees and develop the plantation and bringing Eco-friendly Environment.

Goal:

The Tree plantation program is the most important and utmost care of every tree is taken. It is an environment consciousness program of the college to develop the eco friendly campus with the trees for the protection of living being.

Objective of the practice:

What are the objectives/intended outcomes of the “best practices” and what are the underlying principles or concepts of these practice. (In about 100 words)

The lofty objectives of the college are largely due to tree plantation program there are about 250 trees of various kinds in the campus. Trees have nearly covered one third of the college area. They help to maintain the eco system. Planting of saplings by the chief guest of various functions, the eco consciousness inherent in the college practices. Planting a large number of trees in the adopted village is one of the regular features of Eco Club. Trees planted by the eco club on the both sides of the path ways from I.T.I. Campus to Virul Road a distance of 1 Km. Provide shade to the morning walkers. The project of eco club members serves as bio-diversity documentation.

The Context:

What were the contextual features or challenging issues that needed to be address in designing an implementing these practices.

The fact that trees play such an important role in keeping the environment pure, holy and clean, the harmful impacts of environment degradation and suggested measures to cope with health problems arising out of the pollution. It is our collective efforts for protecting the environment. Regular watering of the planted trees is the routine activity of the college.

The Practice:

Describe the practice and its uniqueness in the context of environment.

Environment awareness program is unique in its context and practice. The tree plantation program is conducted on the eve of birth anniversaries of top management, teaching staff members of the College and the monitoring is done by the staff of the college by regularly giving water to the plants.

Save trees and save earth is our motto.

Trees planted outside the campus are maintained by the non teaching staff members of the college.

Best Practice II

Annexure II

Title of the Practice – Computer Literacy Campaign

Computer Literacy Campaign is organized by the Department of Computer Science for the college student and Non Teaching staff , avail the benefits as it is one of the best practice used to realize the goals to literate the students & non –teaching staff.

Goal-

The computer literacy campaign is the most and important program to enrich and literate the students and non-teaching staff with the latest knowledge of computer.

Objective of the Practice-

What are the objectives/intended outcomes of the “best practices” and what are the underlying principles or concepts of these practice. (In about 100 words)

The main objective of the college is to literate everyone in this Institution right from student to all staff members (specially Non –teaching staff members) Use of Internet, how to create e-mail account and sending e-mail through Gmail, Aware the students for Cyber Security and how to use a computer to write a document ,spread sheet and how to make the Power Point presentation, knowledge about basic component of a computer and fundamental operating system.

The Context:

What were the contextual features or challenging issues that needed to be address in designing an implementing these practices.

Today everyone is becoming smart through Android mobile and this generation is smart to make them smart through this campaign. Literacy campaign will be beneficial to all the Learners and will also their working practically helpful in all deeds.

The Practice:

Describe the practice and its uniqueness in the context of environment.

Computer Literacy Campaign is unique in its advance technology as without this we can't go forward as it is the need of the hour .Non-teaching staff members and students were benefitted by this programme. Nearly Seventy students and non-teaching staff benefited in this Computer Literacy Campaign.

Academic Calendar 2017-2018

S.N.	Event	Day / Duration
01	Begining of Session	12 th June 2017
02	Admission Schedule	From 1 st week of June 2017
03	Commencement of regular classes	13 th June 2017
04	International Yoga Day	21 st June 2017
05	Rajarshee Shahu Jayanti	26 th June 2017
06	Tree Plantation Programme	1 st July 2017
07	Principal Address	July 2017 (2 nd week)
08	Clubs & Subject Associations	July 2017 (Last week)
09	Rangnathan Jayanti & Book Exhibition	12 th August 2017
10	Unit Tests	August (2 nd week) & September 2017 (Last week)
11	Guest Lectures	August 2017 (3 rd week)
12	Students' Seminar	August 2017 (Last week)
13	National Sports Day	29 th August 2017
14	Teacher's Day	05 th September 2017
15	Study Tour / Industrial /Institution Visits	September 2017 (2 nd & 3 rd week)
16	World Ozone Day	16 th September 2017
17	National Service Scheme Day	24 th September 2017
18	State / National Event	September 2017 (Last week)
19	Mahatma Gandhi Jayanti	2 nd October 2017
20	Internal Assignments	October 2017 (1 st Week)
21	Wild Life Week	1-7 th October 2017
22	First Terminal Examination	October 2017 (2 nd week)
	Open Book Test/MCQ Test	
23	Dr. A.P.J. Abudul Kalam Jayanti	15 th Oct. 2017
24	Intenal Academic Audit Phase -I	October (2 nd Week)

S.N.	Event	Day / Duration
	Winter Vacation	16 th Oct. 2017 to 4 th Nov.2017
25	World AIDS Day	1 st December 2017
26	N.S.S. Special Camp	December 2017 (1 st week)
27	Sant Gadge Baba Punathitie	20 th December 2017
28	Students Medical Test	December 2017 (2 nd week)
29	Dr. Panjabrao Deshmukh Jayanti	27 th December 2017
30	Madhugandh	January 2018 (1 st week)
31	Unit Tests	January 2018 (3 rd week) & March 2018 (1 st week)
32	Study Tour / Industrial /Institution Visits	February 2018 (1 st week)
33	Guest Lectures	February 2018 (2 nd week)
34	Chhtrapati Shivaji Maharaj Jayanti	19 th February 2018
35	Sant Gadge Baba Jayanti	23 th February 2018
36	Workshop on Sexual Harrassement of Women at Workplace	27 th February 2018
37	National Science day	28 th February 2018
38	Herbal Holi	1 st March 2018
39	Students' Seminar	March 2018 (2 nd week)
40	International Woman Day	08 th March 2018
41	Internal Assignments	March 2018 (4 th Week)
42	Second Term Examination Open Book Test/MCQ Test	April (1 st Week)
43	Dr. B.R. Ambedkar Jayanti	14 th April 2018
44	Intenal Academic Audit Phase -II	April (3 rd week)
45	End of Session	28 th April 2018

Academic Session, Vacations and Holidays

As per official publication of Sant Gadge Baba Amravati University Amravati Gazette, academic session, vacations & holidays are as under -

Sr. No.	Session / Vacation	From	To
1	First Session	Monday 12 June 2017	Saturday 14 Oct. 2017
2	Winter Vacation	Monday 16 Oct. 2017	Saturday 4 Nov. 2017
3	Second Session	Monday 6 Nov. 2017	Saturday 28 April 2017
4	Summer Vacation	Monday 30 April 2017	Saturday 9 June 2017

Holidays and National Days

Sr.No.	Festival & National Day	Day
1.	Ramjan Eid	Monday, 26 June, 2017
2.	Independence Day	Tuesday, 15 Aug., 2017
3.	Parshi New Year (Pateti)	Thursday, 17 Aug., 2017
4.	Ganesh Chaturthi	Friday, 25 Aug., 2017
5.	Bakari Eid	Saturday, 2 Sept., 2017
6.	Dasera	Saturday, 30 Sept., 2017
7.	Gandhi Jayanti	Monday, 2 Oct., 2017
8.	Gurunanak Jayanti	Saturday, 4 Nov., 2017
9.	Eid-a-Milad	Friday, 1 Dec., 2017
10.	Christmas	Monday, 25 Dec. 2017
11.	Republic Day	Friday, 26 Jan. 2018
12.	Mahashivratri	Tuesday, 13 Feb., 2018
13.	Chatrapati Shivaji Maharaj Jayanti	Monday, 19 Feb., 2018
14.	Holi (Rangpanchami)	Friday, 2 Mar., 2018
15.	Mahavir Jayanti	Thursday, 29 Mar., 2018
16.	Good Friday	Friday, 30 Mar., 2018
17.	Dr. Babasaheb Ambedkar Jayanti	Saturday, 14 April, 2018
18.	Budha Pornima	Monday, 30 April 2018
19.	Maharashtra Day	Tuesday, 1 May 2018

Analysis of Students Feedback and Action taken

The college follows the practice of obtaining feedback from the students and teachers on curriculum and teachers performance manually for modification of teaching learning process.

The received feedback is analyzed and placed in the meeting before the competent bodies and authorities during the academic audit for incorporation of the suggestions. After receipt of the feedbacks from the students, the IQAC along with the teachers gives due consideration to the every aspect received in the form of suggestions and recommendations and accordingly the faculties are directed to make necessary changes in the teaching learning process.

Action Taken Report

Students and teachers mentioned about the curriculum should be job oriented and beneficial to the society

- ❖ After the analysis of received feedback our academic staff decided to conveyed the sentiments of stake holders to respective Board of Studies of Sant Gadge Baba Amravati Univesity Amravati.

Teachers mention regarding Syllabus should be curriculum should be applicable in practical life and exam pattern should be annual

- ❖ It is also conveyed to Board of Examination Sant Gadge Baba Amravati University Amravati

Alumni Association organized workshop for the students**Annexure 2.3**

Sr.No.	Resource Person	Date/Time	Title of Plenary Talk
1	Mr.V.Murli	21-07-2017 11.30 a.m. to 12.30 p.m.	Youth Leadership
2	Mr.Anil Jadhav	21-07-2017 12.30 p.m. to 1.30 p.m.	Personality Development
3	Dr.Varsha Deshmukh Dr.Panjabrao Deshmukh Law College Amravati	21-07-2017 2.30 p.m. to 4.30 p.m.	Women Empowerment
Number of Participants : 200			

University level one day workshop on Intellectual Property Right and Performance Based Appraisal System organized by IQAC

Sr.No.	Resource Person	Date/Time	Title of Plenary Talk
1	Dr.Revati R. Khokale Librarian,Shri Shivaji Science College Amravati	Technical Session -I 25 th June 2018 12.30 p.m.-02p.m.	Intellectual Property Right
2	Dr.Deepak S.Dhote Professor and Head Deaprtment of Electronics Brijlal Biyani Science College Amravati	Technical Session -II 25 th June 2018 03 p.m. - 04 p.m.	Performance Based Appraisal System
Number of Participants : 79			

Wildlife Institute of India, Dehradun

Matatma Fule Mahavidyalaya, Warud

Rajarshee Shahu Science College, Chandur Rly

Matoshri Vimalabai Deshmukh Mahavidyalaya, Amravati

Indian Society of Arachnology, Amravati

SR-Lab, J. D. Patil Sangludkar Mahavidyalaya, Daryapur, Amravati



Total Number of Participants : 104

Oral Presentation : 30

Poster Presentation : 35



✱ **Dr. S. K. Das**, Assistant Professor, Guru Gobind
Singh Indraprastha University, Dwarka sec-16, New
Delhi-110078
Email.id- skdasipu@gmail.com

✱ **Dr. R. V. Hippargi**, Associate Professor, Walchand
College, Solapur, Maharashtra
Email.id- appuratna@rediffmail.com

Coordination Committee

Name	Contact For	Email. id	Contact No.
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Shweta Pawaria	Session Management	shwetapawadia@gmail.com	7838003950
Supriya Talwar	Inauguration	supriyasudarshan13@gmail.com	9008082302
Soniya Kale	Technical assistance		
	Registration Co-ordinator	soniya7494@gmail.com	9763931964
Irina Das Sarkar	Accommodation Management	irina.dassarkar@gmail.com	9486173595

Plenary Speakers



Dr. Kailash Chandra,
Director, Zoological
Survey of India (ZSI)
Kolkata, Govt of
India

Dr. Deepak Apte,
Director Bombay
Natural History
Society, Mumbai

Dr. Sunil Kumar Verma,
Principal Scientist Centre
for Cellular and Molecular
Biology (CCMB),
Hyderabad

Dr. Habib Bilal, Scientist
Wildlife Institute of India (WII),
Dehradun, Uttarakhand



Dr. Himender Bharti, lecturer
Department of Zoology,
Punjabi University, Patiala-
147002 (India)

Dr. Lal Singh,
Scientist National
Environmental
Engineering Research
Institute,

Dr. Neha Sharma,
Assistant Professor and
Head Poddar
International College,
Jaipur

KEY-NOTE SPEAKERS / INVITED SPEAKERS	
01	Molecular Biology Applications in Wildlife Conservation -Dr. Sunil Kumar Verma
02	Spiders as conservation tools in High Altitude Ecosystem -Virendra Prasad Uniyal and Shazia Quasin
03	Tiger Conservation through Community conservation actions in the Satpuda Landscape -Kishore Rithe
04	‘TIMES – THEY ARE A-CHANGIN’ – Movement Ecology Approach for Tiger Conservation in India- Dr. Habib Bilal
05	Ecological and Evolutionary Complexity of Spider Fauna in the Indian Savannah -R. V. Hippargi
06	Development of Biodiversity on Degraded land for Ecological Sustainability -Dr. Lal Singh
07	Understanding Systematics of Indian Reptiles -Dr. Sanjay Keshari Das
08	“The Microbe Mediator”: Diversity of Resistomes in Wildlife -Dr. Neha Sharma
09	Predating the Predator -Dr. Vipul Keerti Sharma
10	Grasslands Management Practices in the Forests Areas of Maharashtra State - Prof. G. D. Muratkar
11	Field Workshop on Spider Collection, Preservation and Identification -Shazia Quasin and Virendra Prasad Uniyal
12	Methodology for plant biodiversity study and relationship in forest of India – Dr. Lal Singh.

The Indian Science Congress Association, Kolkata Sponsored

**National Symposium-cum-Workshop on Science and Technology for
Sustainable Wildlife Management, Biodiversity and Ecosystems in India
(3-5 December, 2017)**



Certificate of Collaboration

This certificate is presented to **Rajarshee Shahu Science College Chandur Railway** being actively collaborated in organizing Indian Science Congress Association Kolkata sponsored **Three Days National Symposium-cum-Workshop on Science and Technology for Sustainable Wildlife Management, Biodiversity and Ecosystems in India** on 3-5 Dec.2017 at Muthwa Community Centre, Bori, Harisal

Grand success of same is due to active help, support and management of the experience of said institute

Thanking you for bonding with us, expecting your assistance to enhance future collaborative activities.

Date: 05/12/2017


Convener

Indian Science Congress Association

Amravati Chapter





University Level One Day Workshop On IPR and PBAS



Alumni Association organized Workshop



Alumni Meet

Photographs of Best practice AQAR& Extension Activities conducted during 2017-2018



Blood Donation Camp



Eye Check up Camp



Tree Plantation



Vrukshi Dindi



Cleanliness Drive at Railway Station



Cleanliness Drive at Bus Stand



Herbal Colour holi



Computer Literacy Program

