



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, PAUNI, DIST. BHANDARA (MS)
Name of the head of the Institution	Dr. Vijay Vishwanath Lapse
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07185255310
Mobile no.	9423384804
Registered Email	sciencecollegepauni@gmail.com
Alternate Email	vijaylepse@gmail.com
Address	Shri Shivaji Education Society Amravati's Science College, Khapri Road
City/Town	Pauni, Dist. Bhandara
State/UT	Maharashtra

Pincode	441910																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	state																		
Name of the IQAC co-ordinator/Director	Dr. Avinash K. Aney																		
Phone no/Alternate Phone no.	07185255568																		
Mobile no.	9604020733																		
Registered Email	avianaaney@gmail.com																		
Alternate Email	aney_avinash10@rediffmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://sscpauni.com/pdf/AQAR-2017-18.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://sscpauni.com/pdf/Ac-Calender18-19.pdf																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>B</td> <td>2.28</td> <td>2012</td> <td>15-Sep-2012</td> <td>14-Sep-2017</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	B	2.28	2012	15-Sep-2012	14-Sep-2017
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	B	2.28	2012	15-Sep-2012	14-Sep-2017														
6. Date of Establishment of IQAC	30-Apr-2009																		
7. Internal Quality Assurance System																			
<table border="1"> <tr> <td>Quality initiatives by IQAC during the year for promoting quality culture</td> </tr> </table>		Quality initiatives by IQAC during the year for promoting quality culture																	
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Industry visit to Satpuda Women Silk Producer Co., Padher, Baitul	12-Mar-2019 01	13
Workshop on understanding criteria IV and V	20-Jan-2019 01	30
Skill based certificate course in Sericulture	01-Dec-2018 90	13
Skill based certificate course in Apiculture	01-Dec-2018 90	24
Skill based certificate course in Library and Information science	01-Dec-2018 90	30
Workshop on understanding revised methodology of A & A by NAAC	27-Nov-2018 01	32
Excursion tours at Tasar Sericulture centre of CSB at Dawadipar	07-Sep-2018 01	28
Guest lecture on Tissue culture: Theory and practice	10-Aug-2018 01	160
Guest lecture on Biodiversity conservation	10-Aug-2018 01	295
One day national seminar on Bee Keeping	20-May-2018 01	150
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	2019 00	0
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes

Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
? Introduced three short term skill oriented courses	
? Organized national seminar on Bee Keeping in collaboration with KVIC, Nagpur	
? Organized guest lectures in Botany, Chemistry, Zoology and Physics	
? Metal wire fencing of campus carried out from the generous donations received from alumni	
? Participated staff and students in conducting survey of selected villages under Unnat Bharat Abhiyan-2 (UBA)	
View File	

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Addressing women issues	Organized two workshops, 1. Women empowerment, and 2. Personal hygiene
Organization of workshops for understanding new format	IQAC organized four one day workshops for staff of the college. Dr. AK Aney, Coordinator, IQAC, delivered talks on understanding new framework of A & A by NAAC
AQAR preparation	Started collection and compilation of data for the preparation of AQAR, IIQA and SSR
Survey under Unnat Bharat Abhiyan	Institution registered as Participating Institute (PI) and carried out survey of five selected villages under village cluster. Data uploaded on the government portal of Unnat Bharat Abhiyan-2.0
Organization of popular lectures	1. Organized two popular lectures in Botany on a. Biodiversity conservation, b.Tissue culture: Theory and Practices, 2. Two guest lectures in Zoology on a. Impact of climate change on pollinators, and b. Bioinformatics

Organization of seminars/workshops	1. Organized national seminar on bee keeping by Department of Zoology, 2. University level seminar on "Green Chemistry and Environmental Pollution" by Department of Chemistry
Library enrichment	Library enriched by the purchase of text and reference books at the cost of Rs. 48000/-. Subscription of journal continued
Initiation of skill based certificate courses	Three short term skill based certificate courses one in Library Science and two in Zoology approved and started by enrollment of 30 students
Infrastructure up-gradation	Extended and renovated laboratories for Botany, Zoology and Computer Science
Reconstitution of IQAC	Since the parent organization has changed, IQAC reconstituted with incorporation of new members
View File	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	15-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institution has partially developed Management Information System (MIS). The institution has computerized data base used for proper and speedy functioning of the institution with respect to administrative set up including financial matters, Salaries of the employee, Income tax, Student admission and library functioning. The MIS is used at different levels to collect, process and store data. The aggregated data is disseminated in the form of information needed to carry out the daily operations as and when required. The institution created

information system for data management i.e. storage, searching, analysis and further exchange and use by different sections of the institution. We are also working on the concept of minimum use of paper hence most of the data has been preserved in soft copy format and used as and when required. The highlights of the Management Information System is as follows:

- Unilingual Institutional Website in English
- Updated prospectus containing entire details of availability of the courses, fee structure and other relevant information in printed format as well as uploaded on the institutional website
- Dedicated space on the institutional website for result analysis, finances and accounting, feedback analysis, academic and cultural events, NAAC, NSS and outreach activities, etc.
- Submission of data to AISHE portal of MHRD and DHEMIS of State Government
- Direct disbursement of the GOI scholarship, Freeship and Scholarship to Minority through online mode by MahaDBT portal
- Well established and transparent purchase system for procurement of Goods and Services
- Annual management of financial data through auditing of finances and accounting
- Biometric attendance system
- Financial management of Salary, Pension and other related issues through computerization
- Vigilance mechanism and regular reporting and approval from the parent organization
- Regular meetings of the Staff Council for discussion on various issues and the meeting proceeding is available in written format.
- Annual conduct of Stock verification of infrastructure, furniture, equipment, chemicals and submission of the reports
- Speedy transformation of information through Whatsapp groups of the staff and the students'
- Online submission of registration, enrollment forms, admission forms and the examination forms
- Collection of feedback from different stakeholders and analysis
- Students Internal Assessment System maintaining the data on attendance, class tests, result of test and internal as well as external examinations
- Library management system through LIBMAN software

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Being affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, the institution follows the prescribed curriculum designed by the affiliating university. The institution prepare the academic calendar containing all the relevant information and is incorporated in the updated prospectus as well as uploaded on the institutional website. The institution has the mechanism for delivery and documentation of the curriculum set by the affiliating university to achieve the educational, social and cultural objectives. The mechanism involves various curriculum related decisions taken at the Staff Council, IQAC and Departmental Committees with respect to the determination of workload, allocation of workload, and preparation of time table. Different departments have freedom to enhance and enrich the learning and learning outcomes through the curriculum. Enrichment of the curriculum is supported by the organization of student's seminar, group discussion and workshops by the departments.

Participatory and experimental learning is achieved by the organization of field tours and industry visits for hands-on training. The IQAC facilitated the expansion of the prescribed curriculum in multiple dimensions. Final year students of the degree course are involved in writing and submission of the survey based project reports, under the supervision of the subject teachers, in order to develop research attitude. The curriculum is further documented and effectively delivered by the use of ICT tools and e-resources by the faculties. Different departments are provided with laptop, printer and other ICT tools and the E-resources are made available to the students to enable them to their curricular task. The institution initiated three skill-based short term courses, which delivers and documents both theoretical and applied knowledge in the domain of both employability and the entrepreneurship development. The curriculum of the skill based courses is designed by the committee of subject experts and is approved from the affiliating university. The essential components of the curriculum of the skill-based courses include acquisition of associated skill, handling of technology and application-based testing to consolidate theoretical learning. Effective delivery of the curriculum and documentation is monitored by IQAC, whereas the logistics of the delivery and documentation of the curriculum involves IQAC, Staff Council and Time Table Committee. Time Table Committee prepares the time table based on the information of number of admitted students, and calculate the estimated workload of each department, as per the rules of affiliating university. Each department are provided with the time table for the distribution of workload to the available faculties and the finalized time table is displayed on student's notice board for students, at least one week before the commencement of the new semester. Preparation of teaching plan by all the faculties s made mandatory by IQAC. During the initial fortnight of the opening of the semester, the students are made aware of the contents of the curriculum, teaching plan, teaching-learning and evaluation methodological pattern and the schedule of internal and external examination. Departments organize their academic tasks and activities accordingly. These planning and mechanisms ensure the smooth and effective delivery and documentation of the curriculum in a time bound manner.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development

Certificate Course in Apiculture	Nil	01/12/2018	90	Employability and Entrepreneurship	Skill development in Beekeeping
Certificate Course in Sericulture	Nil	01/12/2018	90	Employability and Entrepreneurship	Skill development in rearing and production of cocoon
Certificate Course in Library Information Science	Nil	01/12/2018	90	Employability	Basics of library science including computation of data and accession

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Nil	Nil
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	NA	Nil

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

	Certificate	Diploma Course
Number of Students	67	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Certificate Course in Apiculture	01/12/2018	24
Certificate Course in Sericulture	01/12/2018	13
Certificate Course in Library and Information Science	01/12/2018	30
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany, Chemistry, Zoology	50

BSc	Chemistry, Math, Physics	49
BSc	Comp. Science, Math, Physics	18
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>The institution has well established system of obtaining feedback from all the stakeholders. After through discussion, the IQAC of the college had prepared the appropriate feedback formats by considering different aspects and the parameters to be incorporated in the format. Every year the institution had obtaining the feedback from following stakeholders. ? Feedback from Alumni ? Feedback from Students ? Feedback from Teachers ? Feedback from Parents ? Feedback from Employer The institution has manual system of obtaining feedback from different stakeholders. All the feedbacks were collected manually in written format by the duly constituted Feedback Analysis Committee by the institution. The student's feedbacks were obtained at the time of distribution of hall tickets for the final university examination, particularly in the month of March. The feedback from parents and the alumni were obtained at the time of parent-teachers meet. The feedback from alumni was obtained at the time of alumni meet organized in the second week of January 2019. The employer feedback format for all the teaching and non-teaching staff was filled by the Principal, Head of the institution, at the end of academic session, while filling the confidential report of the staff. All the collected feedback were handed over to the duly constituted Feedback Analysis Committee and asked them to analyze and prepare a consolidated report including the constructive suggestions and the recommendations. The reports were discussed in the first staff council meeting held at the beginning of academic session and the viable suggestions are sorted out to keep on table before College Development Committee (CDC) for execution of the recommendations. The proposals of finance related matter were forwarded to the governing body for approval and financial support. Majority of the students related issues were resolved at the college level. Few of the viable and constructive suggestions as well as the recommendations obtained in the feedback were democratically brought to the notice of the students.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Biology	71	118	71
BSc	Mathematics	45	127	45

BSc	Computer Science	28	39	28
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	380	Nil	11	Nil	11

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
11	5	4	3	Nil	2

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

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

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

The admitted students were issued student card. The IQAC decision of introduction of mentor-mentee system continued for all the enrolled students. The teachers (mentors) were asked to follow the guidelines and the format for collecting information of the mentee, provided by the IQAC. The prepared format has been uploaded on the institutional website. Reconstituted the Mentor-mentee committee in the Staff Council meeting. The IQAC, after the admission procedure is over, have collected the list of admitted students and based on the number of permanent faculties available, assigned approximately plus minus 34 students to each of the mentor. IQAC have organized orientation workshop for all the students to make them aware of the mentor-mentee system. The students were informed about their mentor and the list of the mentee along with their mentor was displayed on the notice board. Each mentor have been provided with the required number of blank format for collecting the information of their mentee. The mentors were asked to organize at least one meeting, per term of the academic session, of all the mentee assigned to them and allow them to discuss their problems in a free environment. However, the interaction with mentee is much more often and the mentee can discuss the issues with his mentor at any free time or through Whatsapp group created. The students were also asked to discuss their problems with their mentor and submit the relevant information in a given format along with the issues they are facing about. The mentor-mentee system works on the following guidelines. 1. A relationship designed to build confidence and support the mentee in their given tasks and to help mentee to develop understanding the situation and to accept the challenges. 2. The mentor will be responsible for encouraging the mentee to work towards their own objectives and to provide information on career building and achievements. 3. Provide support and encouragement and offer different perspectives. 4. Mentor is a critical friend help mentee to identify areas for development. And have the opportunity to use his/her experience and knowledge in a facilitative manner to support the development of mentee. 5. Mentor-mentee system is developed to increase self-confidence of the mentee 6. To create an opportunity to think about things in a different way. 7. To review experience and identify objectives, identify strengths and achievements 8. Help the mentee to focus on the future, to identify what different options are open 9. Encourage the mentee to design and action plan which they have to set and encourage them to set SMART objectives. 10. To discuss about the educational and other relevant issues 11. To supporting the mentee to set achievable realistic and stretching action plans. The mentors tried to resolve certain issues of the mentee regarding career opportunities and accepting the challenges. The concise abstracts and reports along with the recommendations on common problems raised by the students are submitted to the IQAC for resolution of the issues at earliest.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
380	11	1:35

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
22	11	11	Nil	8

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Nil	Nil	Nil
2019	Nil	Nil	Nil

[View File](#)

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Nil	B. Sc. Semester I	17/10/2018	11/02/2019
BSc	Nil	B. Sc. Semester II	30/04/2019	05/08/2019
BSc	Nil	B. Sc. Semester III	17/10/2018	11/02/2019
BSc	Nil	B. Sc. Semester IV	30/04/2019	01/08/2019
BSc	Nil	B. Sc. Semester V	17/10/2018	22/01/2019
BSc	Nil	B. Sc. Semester VI	30/04/2019	28/06/2019

[View File](#)

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

Being affiliated to RTM Nagpur University, the institution is strictly following the university examination pattern. The institution developed its own teaching-learning, evaluation methodology, "Pawan pattern". We conduct unit-wise tests after the completion of each unit and college terminal examination towards the end of each semester. The schedule of internal examination and the assessment are communicated to the students and the faculties in the beginning of the semester through preparation of institutional academic calendar based in accordance with the university academic calendar. The examination committee framed the guidelines while reforming the CIE to student centric. The framed

guidelines focused on: ? Scheduling of internal examination, seating arrangement, appointment of invigilators, setting of question papers as per university pattern, ? Attendance monitoring and time bound assessment and submission of marks to the examination committee, communication of marks to the students. ? Return of evaluated answer scripts to the students for doubt clarification and further improvement. ? Maintenance of data on unit tests in the respective departments, whereas, the records of terminal examination are kept with college examination committee. ? Discussion on results in staff council meetings and obtaining constructive suggestion for further improvement. ? Evaluation of laboratory activities on regular basis by assessment of the students through viva questions, observations after the completion of regular practical activities. ? Student's performance is used for identification of slow and advanced learner and attempts are taken to enhance the performance of slow learners by counselling ? Evaluation of the students in seminars, group discussion and home assignment

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

The Prospectus and Academic Calendar Committee prepared the academic calendar well in advance in accordance with the academic calendar of RTM Nagpur University, Nagpur, after taking the inputs of planned activities from different departments, Library, Physical education and the IQAC. The academic calendar is attached in the college prospectus and also uploaded on the institutional website for public domain. The same is displayed on notice board for the information to the students. The academic calendar focuses on schedule of different academic and other activities, the tentative schedule of internal and external examination and evaluation. Academic activities are always given priority and all other activities are performed without disturbing the classes. The main purpose of fixing these dates in advance is to enable each departments to plan for their own programmes and various events. It also helps the students to plan their academic and co-curricular activities. Tentative examination dates were decided by the affiliating university and the college was obliged to follow these dates for examinations. The dates of the examinations of skill oriented courses are decided by the institution well in advance and displayed on the notice board. The major components of academic calendar are entire schedule of all the internal and external examinations, the meetings of governing body, parent and alumni meets, schedule of students social gathering, physical efficiency tests and other sports activities. With few exception, the institution adhere and following the academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://sscpauni.com/pdf/POs_PSOs_and_COs_Entire.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Nill	BSc	Biology	28	21	75.00
Nill	BSc	Mathematics	41	37	90.24
Nill	BSc	Computer Science	10	10	100.00

[View File](#)

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://sscpauni.com/pdf/Student_Feedback_Report-2018-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	00	Nil	Nil	Nil
Minor Projects	00	Nil	Nil	Nil
Interdisciplinary Projects	00	Nil	Nil	Nil
Industry sponsored Projects	00	Nil	Nil	Nil
Projects sponsored by the University	00	Nil	Nil	Nil
Students Research Projects (Other than compulsory by the University)	00	Nil	Nil	Nil
International Projects	00	Nil	Nil	Nil
Any Other (Specify)	00	Nil	Nil	Nil
Total	00	Nil	Nil	Nil

[View File](#)

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
National Seminar on Beekeeping	Zoology	20/05/2018
Green Chemistry and Plastic Pollution	Chemistry	21/01/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Educational	Dr. B. S.	Z. P. Primary	28/01/2019	Regional

Field	Rahile	School, Pauna, Tal. Pauni	
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
Nil	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Botany	4	Nil
International	Zoology	5	Nil
International	Chemistry	5	Nil
International	Physics	1	Nil
National	Library and Information Science	2	Nil
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Library and information Science	1
Zoology	2
Mathematics	2
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Histological, Histocchemical and Biochemical	K. B. Nagarnaik	Review of Research Approved Journal	2018	Nil	Science College Pauni, Dist. Bhandara	Nil

studies on the ovary in the Beetle, cybister tripunctatus OL (Coleoptera: Dytiscidae).		No. 48514. (UIF) , Vol 8 (3)				
A Histoc hemical De monstratio n of Develop ment Oocytes and Trophocytes in Cybister Tripunctatus .	K. B. Nagarnaik	Internat ional journal of innovation s in engineering and Science, Vol.3 (9)	2018	Nil	Science College Pauni, Dist. Bhandara	Nil
Study of Icthyfauna l diversity of Balsamu dra, Khurada and Wahi lakes Pauni, Dist. Bhandara	K. B. Nagarnaik	Review Research Journal Vol. 8, Issue 3	2018	Nil	Science College Pauni, Dist. Bhandara	Nil
A Histoc hemical De monstratio n of Developing oocyte And Trophozoit e in Cybister t ripunctatu s.	K. B. Nagarnaik	Internat ional Journal of innovation s in engineering and Science, Vol.-3(9)	2018	Nil	Science College Pauni, Dist. Bhandara	Nil
Analysis of winter pollen load of domesticated honey bee, Apis cerana indica from Sakoli Tahsil of Bhandara	Ghugal S.I., Bram hankar, K.B., Rahile, B.S. and Gedam	Internat ional Journal of Researches in Bioscie nce, Agric ulture Tec hnology, Vol. 6 (3)	2018	Nil	S.S.E.S. Amt's, Science College Pauni, Dist. Bhandara	Nil

disrict of Maharashtra.						
Control of seed borne fungi of mustard seeds.	S.I. Ghugal	International Research Journal of Natural and Applied Sciences, Vol. 5(12)	2018	Nil	S.S.E.S. Amt's, Science College Pauni, Dist. Bhandara	Nil
Production of enzymes by test fungi isolated from stored mustard seeds.	S.I. Ghugal	International Journal of Life Science, Vol. 6(4)	2018	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
Morphomutagenic variations in leaves induced by physical and chemical mutagens in <i>Rivina humilis</i>	Aney Avinash	International J. of Life Sciences, Vol. 6(4)	2018	Nil	Department of Botany, S.S.E.S. Amt's Science College, Pauni, Dist. Bhandara	Nil
Detoxification of Cd(II) by using eco-friendly adsorbent material prepared from <i>Sarcococa bark</i>	A. B. Sahare, B. D. Gharde, S. G. Badne	International Journal of Current Engineering and Scientific Research	2019	Nil	S.S.E.S. Amt's, Science College Pauni, Dist. Bhandara	Nil
Synthesis and study of some transition metal complexes of Schiff base ligand	A. B. Sahare, R. B. Mohod	International Journal of Current Engineering and Scientific Research	2019	Nil	S.S.E.S. Amt's, Science College Pauni, Dist. Bhandara	Nil

[View File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis of Nano crystalline Ca ₂ Cu ₂ Fe ₁₂ O ₂₂ Y-type hexaferrites by the sol-gel combustion method in metal nitrates system	S.B. Bankar, N.S. Meshram, N.N. Sarkar, H. S. Ahamad, S.J. Dhobale and K.G. Rewatkar	Ferroelectrics	2018	1	1	S.S.E.S. Amt's, Science College Pauni, Dist. Bhandara
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	6	3	3
Presented papers	2	2	Nil	Nil
Resource persons	Nil	1	1	Nil
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Swachhta Abhiyan	IQAC and NSS unit	5	145
Andhrashraddha Nirmulan	IQAC and NSS unit	5	100
Van Mahotsav	IQAC	4	250
Rakshabandhan Celebration	IQAC in collaboration with Viswanshanti Prajapita Brahma Kumaris, Pauni	4	223
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students
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			Benefited
Nil	Nil	Nil	Nil
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Woman Empowerment	IQAC and Woman Redressal Cell	Talk on woman safety	5	250
Constitution Day	IQAC	Awareness on Fundamental Duties	2	56
Swachh Bharat Abhiyan (Mahatma Gandhi Birth Anniversary)	IQAC and NSS unit In collaboration with Government of Maharashtra	Cleanliness of the Campus	3	160
Career Guidance Camp	IQAC and NSS unit	Future opportunities	3	250
International Democracy Day	IQAC and NSS unit	Need of Strengthening the Democracy	4	183
World Literacy Day	IQAC and NSS unit	Literacy and Skills Development	3	195
Gender Issue	IQAC in collaboration with Viswanshanti Prajapita Brahma Kumaris, Chapter Pauni	Rakshabandhan Celebration	4	178
Swachhta Abhiyan	IQAC	Cleaning the campus	3	145
Van Mahotsav	IQAC and NSS unit	Tree Plantation in the college campus	4	250
International Yoga Day	Department of Physical Education and NSS unit in collaboration with Patanjali Yoga Centre Pauni	Yoga and Fitness	3	86
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research	05	Self-financial	180
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Research	Sharing of research facilities	Hislop College, Nagpur	20/08/2018	30/04/2019	02
Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research (CSBR), RTM Nagpur University, Nagpur	10/06/2018	30/04/2019	02
Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research (CSBR) , RTM Nagpur University, Nagpur	10/05/2018	30/04/2019	02
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Nil	Nil	Nil	Nil
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
360500	521257

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Cloud Based Library Management System	Partially	8.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	3503	337312	150	25440	3653	362752
Reference Books	2650	953961	186	83185	2836	1037146
e-Books	Nil	Nil	Nil	Nil	Nil	Nil
Journals	2	4733	Nil	Nil	2	4733
e-Journals	Nil	Nil	Nil	Nil	Nil	Nil
Digital Database	1	Nil	Nil	Nil	1	Nil
CD & Video	11	Nil	Nil	Nil	11	Nil
Library Automation	1	35000	Nil	Nil	1	35000
Weeding (hard &	Nil	Nil	Nil	Nil	Nil	Nil

soft)						
Others(s pecify)	11	28800	Nil	Nil	11	28800
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nil
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	20	1	1	1	0	2	5	50	5
Added	0	0	0	0	0	0	0	0	0
Total	20	1	1	1	0	2	5	50	5

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

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
279000	248620	387000	453593

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Institution has infrastructure facilities with 6 classrooms, 5 science laboratories, library, girl's common room, and washrooms for staff, girls and boys, meeting room, Principal's chamber, office, examination section, and Sports Section. POLICY: To ensure maximum benefits of the available infrastructure, the college has framed policy. The requirement from departments and Stock Verification Committee are discussed in the Staff Council and financial provision for maintenance is approved from management body. The institution ensures optimal allocation and utilization of the available budget for the maintenance and upkeep of different facilities. Focused on cleanliness,

hygiene, sanitation, in the institution. Pure water supply, electricity is maintained regularly. Safety and security are the priorities of the institution. PROCEDURE: The governing body discuss about the planning and financial provision for the regular maintenance and upkeep of all the infrastructural facilities. Most of the maintenance work is carried out by the trained in-house experts as well as outsourced. Furniture and equipment are procured on regular basis as per the requirement. Purchasing is done only after the approval of the Purchase Committee. LABORATORIES: ? Logbook, stock register are maintained by Laboratory Attendant and monitored by HOD. Installation of newly procured instruments is carried out by the technical experts of the owner enterprises. Equipment are calibrated regularly. Laboratories are available for the students for performing the experiments as per the time table under in presence of the subject teacher. Chemicals, materials issued personally to the students by Laboratory Attendant. Students has to follow the guidelines given by HOD. Stock Verification is carried out towards the end of the academic session. LIBRARY: ? Books are bar-coded and the maintained. Record of book issue is maintained separately for students and the faculties. Every year new titles are added as per requirement. Record of donation of books and other items is properly maintained. Library Advisory Committee meet at regular interval and discussed the library functioning. Library is partially automated with Library Management Software. Initiated Certificate Course in Library and Information Science. SPORTS: ? Playground is regularly cleaned by labours and NSS volunteers and used for games and sports events. College level sports competitions are organized on the occasion of birth anniversary of Late Dr. Panjabrao alias Bhausahab Deshmukh, Founder President of parent organization. Sports materials, kits and the sport uniforms are regularly purchased as and when required. CLASSROOMS AND INFRASTRUCTURE: ? Classrooms and infrastructure is cleaned on daily basis. Collected garbage is disposed of with the help of local government. Damaged furniture regularly replaced. Termite and pest control pesticides are applied. Water tanks are regularly cleaned. Fans, bulbs and electrical appliances are switched off when not needed and the campus is always maintained smoke and plastic free. COMPUTERS: ? Repairing and maintenance of computer, electronic appliances, Internet, Wi-Fi, and broadband is outsourced. Authentic and certified software are installed. Students are not allowed for use of personal devices and strictly instructed to switch off the computer machines properly. The institutional website is maintained and periodically updated by the designated faculty and website designer.

<http://sscpauni.com/pdf/Procedures-Policies.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Freeship	20	89127
Financial Support from Other Sources			
a) National	GOI Scholarship	275	1546033
b) International	Nil	Nil	Nil
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability	Date of implemetation	Number of students	Agencies involved
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enhancement scheme		enrolled	
Remedial coaching for Semester I students in Chemistry and Computer Science	09/02/2019	62	Dept. of Chemistry and Computer Science
Remedial coaching for Semester I students in Mathematics and Zoology	29/01/2019	37	Dept. of Mathematics and Zoology
Remedial coaching for Semester I students in Botany/Physics	21/01/2019	46	Dept. of Botany and Physics
Preparation for UPSC examination	18/01/2019	21	Narayana IAS Academy Nagpur
Career Counselling	14/01/2019	132	Aakar Academy for Competitive Exam., Pauni
Guidance for competitive examinations	11/08/2018	78	Aakar Academy for Competitive Exam., Pauni
Principal's Address	08/08/2018	177	IQAC
Yoga and Meditation	21/06/2018	42	Department of physical Education in collaboration with Patanjali Yoga Center
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Pawan Pattern: Competitive Examination	33	Nil	1	Nil
2019	Career Counselling	Nil	30	Nil	1
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
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3

3

20

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil	Nil	Nil	Nil	Nil	Nil
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	B.Sc. (Biology)	Zoology	Dr. Arun Motghare College, Kondha, (Kosara)	M.Sc. in Zoology
2018	1	B.Sc. (Mathematics)	Mathematics	PGTD of Mathematics, RTM Nagpur University,	M.Sc. in Mathematics
2018	4	B.Sc. (Mathematics)	Mathematics	Dr. Arun Motghare College, Kondha, (Kosara)	M. Sc. in Mathematics
2018	1	B.Sc. (Mathematics)	Physics	Mohta Science College, Nagpur,	M. Sc. in Physics
2018	1	B.Sc. (Mathematics)	Physics	Kamla Nehru College, Nagpur	M.Sc. in Physics
2018	1	B.Sc. (Mathematics)	Chemistry	Government Institute of Science, Nagpur	M.Sc. in Chemistry
2018	1	B.Sc. (Biology)	Botany	J.M. Patel College, Bhandara	M.Sc. in Botany
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	Nil

SET	1
SLET	Nil
GATE	1
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
Any Other	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Question quiz	Institutional	18
Antakshari	Institutional	20
Drama competition	Institutional	24
Dance competition	Institutional	18
Elocution competition	Institutional	12
Debate competition	Institutional	13
Singing competition	Institutional	20
Poster presentation	Institutional	24
Flower presentation	Institutional	17
Rangoli competition	Institutional	16
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Selected for State Level NSS Camp	National	Nil	1	3325 7726 8733	Mr. Pushpak Inkane
2019	Selected for State Level NSS Camp	National	Nil	1	7956 5690 6461	Mr. Kshitij Tirpude
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council of the institution is as per the Maharashtra Public University Act-2017, and in accordance with guidelines of Department of Higher Education, Maharashtra State and notification issued by the affiliating University, under

section 76 of Mah. Uni. Act. No. VI of 2017. The student Council Committee follow the entire procedure as per the notification issued from the affiliating university. NOTE: Since the Government of Maharashtra has cancelled the election/selection of Student's Council and hence, the Student's Council was not constituted for the academic year 2018-19. As a part of participatory teaching-learning process, the institution has nominated the active students for representation in different committees. The student member have taken initiatives in the organization of various academic, co-curricular and the cultural activities. Student Council provides an opportunity to students to develop their leadership skills through participation in college administration and other activities. Student have been nominated in following committees. Students have active representation in following committees: ? Local Management Committee (LMC) ? Academic and Administrative Committee ? Cultural Committee ? Games and Spots Committee ? Campus Development Committee ? Public Relation and Publication Committee ? Study Tour Committee ? NSS Committee ? Botanical Garden Committee ? Student Welfare Committee ? Competitive Examination Committee ? College Magazine Committee ? Anti-ragging Committee ? Grievance Redressal Cell.

Activities of the students during the academic year-2018-2019: Academic activities: Student members of the committees played vital role in organization of various academic activities such as guest lectures, seminars and the workshops. Students assisted the teachers in planning, organizing and execution of various student-oriented activities. They also help in coordinating the day to day academic activities at their level. Cultural Activities: The students have actively participated in the organization of different cultural events organized by the institution throughout the year and during the social gathering. NSS Activities: NSS volunteers have actively participated in plantation programme, exhibition, and One-day camp for cleaning the campus, Swachh Bharat Abhiyan, blood donation camp as well as the 07 days residential camp at Junona (Chouras) Games and Sports Activities: Students have actively participated in organization of various games and sports events at the institutional level. Co-Curricular Activities: The student have taken initiatives in organization of various functions such as Teachers' day, Raksha-bandhan, Wild Life Week, AIDS and Biodiversity awareness programmes, Welcome and farewell functions, World Women Day, Constitution day, Birth anniversaries of national heroes.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

144

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

230000

5.4.4 – Meetings/activities organized by Alumni Association :

The institution has informal alumni association and every year the alumni meet is generally called on the occasion of Birth anniversary program of Dr. Panjabrao Alias Bhausahab Deshmukh, the Founder President of our parent organization. Event: Alumni Meet-2019 Date: 09th February, 2019 Objective: Institution procured the information of the alumni by creating Whatsapp groups and organized the Alumni Meet: The Paunian, on 9th February, 2019. It was aimed to facilitate, consolidate and coordinate the alumni activities and to interact with the alumni and positive interaction with the alumni and their

contribution. Planned to constitute the executive body of the Alumni Association. Participation: The office bearer of alumni association and other 96 alumni have participated Agenda: ? Inauguration by the hands of Mr. Hemantbhau Kalmegh, Executive Member ? Personal introduction of the alumni ? Confirmation of the proceeding of previous meeting ? Interaction with the Alumni ? Generation of corpus funds ? Discussion on future activities ? Reconstitution of Executive Body ? Vote of thanks Outcomes: The Alumni meet organized was enjoyable and worthy as all the alumni shared their views and experiences about the institution. They shared the innovative ideas for the overall development of the institution. Collected data has been published in Souvenir. Proceedings: 1. Inauguration: The meet was inaugurated by the hands of Hemanbhau Kalmegh, Executive Member of Parent organization 2. Welcome note: Introduction of all the alumni and floral welcome by the staff of the college. IQAC coordinator narrated the objectives of the meet and urged the alumni to have their contribution for the development of the institution. 3. Confirmation of the minutes of previous meeting: Proceeding of the previous meeting was read and approved. 4. Approval of the donation received during the academic year: The donation received in the form of Fencing wire worth Rs.30,000/- and sum of Rs. 2,00,000/- have been approved by the members and the donors have been appreciated for their generosity. 5. Generation of funds: Had discussed about the fund raising activities and services to the students. 6. Constitution of the executive body: Reconstituted the Executive Body for the next session from among the alumni present. The reconstituted executive body is as follows: Executive Body: • President : Mr. Anil Kalbande • Vice-President : Mr. Satish Lepse • Vice-President : Mr. Vishal Ingole • Secretary : Ms. Kalavati Chute • Treasurer : Mr. Manoj Warambhe • Members : Mr. Nishant Wahane : Ms. Monali Meshram : Mr. Shankar Bhiogade : Mr. Virendra Thorgase : Ms. Rajani Telmasare : Mr. Ravi Shende 7. Floral welcome of the new office bearer: The members were welcomed by the Principal by offering the floral bouquet. 8. Vote of thanks: The newly nominated secretary proposed the vote of thanks towards all the members present.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

In order to have an efficient decentralization mechanism, the institution followed the process for delegating responsibilities and the authority to various functionaries. The strategies design developed by the Executive Body of the parent organization, based on the vision and mission encompasses the future developmental plans. It has been mandatory for all the institutions to follow and execute the policy decision. 1. Strategic planning at the institutional level was done by discussing various aspects in the staff council meeting. The IQAC has chalked out the perspective action plan by incorporating the academic and co-curricular as well as outreach activities. In order to have a participatory system the institution has taken the inputs from different sections of the college. The planning of academic activities were solely handed over to the teaching faculties. Prepared plan has kept on the table before the College Development Committee (CDC) for any constructive suggestions and the final approval. The IQAC is authorized to organize the activities leading to the development of the college. Different committees have reconstituted with the inclusion of new faculties. It helped us for the smooth functioning and decentralization of the academic and administrative work. In all important matters pertaining to day to day functioning as well as long run development, the teaching, non-teaching staff, and the students members are always taken into confidence. The departments are allowed to plan for student's seminar, group discussions, outreach programmes, exhibitions, excursions and study

tours. 2. Matters pertaining to finances are discussed in the staff council and the purchasing has been carried out through purchase committee following the standard procedure of procuring quotations and screening the lowest quoted amount of the items. Purchase committee deals with the purchase of capital equipment, chemicals, apparatus, furniture, infrastructure augmentation, books and all other matters after receiving the requirements from the HODs of the departments. 3. The institution always trust and promote the culture of participatory management by involving the staff and students in various academic, co-curricular and administrative activities. The students were nominated in different committees for their inputs and view which were always taken into consideration. The IQAC has the representation of teaching staff, non-teaching staff, executive body of the parent organization, alumni, students, administration, representations from the society, industries etc. Alumni, student member and the members of the student's council are provided the opportunity to place their views in IQAC meetings. The opinions of the staff members, students are always taken in consideration in defining the policies, framing guidelines and rules regulations pertaining to admission, discipline, grievance redressal, organization of various activities and the library services. For the smooth and proper functioning of the institution, a college runs on decentralized management operative practices, wherein various committees are constituted every year. Along with IQAC, the institution constituted various committees such as Staff Council, Admission Committee, Campus Development Committee, Anti-ragging Committee, Alumni Committee, Student's Council Committee, Campus Development Committee, Grievance Redressal Committee, Prospectus and Academic Calendar Committee, Library Advisory Committee, etc.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	<p>The Admission Committee was reconstituted in the last meeting of staff council during the previous academic year. Prospectus Committee prepared the updated prospectus with entire detail of schedule of examinations and is made available for students in soft and hard copy. Admission Committee has also been reconstituted which discussed and finalized the fee structure and rules and regulations as per the guidelines of the affiliating university. Displayed the banner of admission open and also published in the local newspaper. Transparent admission process was followed with the display of entire admission schedule on the notice board. Reservation policies of the government has been strictly followed and the admission was given on merit basis through display of merit lists.</p>

<p>Industry Interaction / Collaboration</p>	<p>Collaboration with institutions of repute help enhancing the quality of an institution. Institution has least scope of developing linkages with industries, however, we have strong linkages with KVIC and Satpuda Woman Silk Producer Company Padhar Dist. Baitul (MP). On the eve of World Honeybee Day, the institution has organized one day national seminar on bee keeping, in collaboration with KVIC. The students enrolled for certificate course in sericulture were taken for field visit at Satpura Women Silk Producer Company, Padher, Dist, Baitul (MP) and the students exposed for mulberry garden management, chauki raring, silk reeling, etc. The institution also organized workshops for career guidance in collaboration with Narayana Academy and Aakar Academy for competitive examination. Research student have been registered at recognized laboratories of RTM Nagpur University Nagpur.</p>
<p>Human Resource Management</p>	<p>Faculty recruitment is strictly in accordance with the rules and regulations prescribed by the UGC and state government directives. Recruitment process is systematic, highly rigorous and absolutely transparent. Due to the ban imposed by the State Government on recruitment process, the parent organization was unable to recruit the new regular faculties. However, so as to avoid the academic loss of the students, eligible candidates were appointed on CHB in different subjects. The permanent and all the CHB teachers were assigned different works based on their capabilities. Regular teachers have been placed in various committees for the collection and compilation of the data with respect to NAAC. The institution were allowed to organize and participate in the academic activities.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>All the departments have been provided with the laptops, computer machines, LCD projectors, printers and the internet facilities. Available ICT tools are frequently used for effective teaching-learning process by most of the faculties. ICT enabled tools are linked with two classrooms. All the books in the library are bar-coded and</p>

the library data is data is computerized with the help of LIBMAN software. Subscribed research journals of different subjects as per the recommendation from the departments. Construction of two storied new wing having seminar hall, classrooms and physics laboratory has been completed. Physics laboratory has been shifted in newly constructed building and Zoology laboratory has been renovated. Computer science laboratory is upgraded with procurement of computer machines.

Research and Development

The institution has no PG courses and recognized laboratories for carrying out the research at the institutional level. Till then almost 98 of the faculties have obtained their Ph.D. degree while in service and remaining have also registered for Ph.D. Four of the faculty members working in the institution are recognized research supervisors and three research scholars are working under their supervision. All the teaching faculties are actively engaged in publication of research work in the journals of repute. The institution has collaborations with the reputed laboratories in the periphery of Nagpur University for research purpose. Institution also promoting research by granting study leaves and procuring sophisticated instruments in the laboratories. The sophisticated instruments in the laboratories are made available to the research students for carrying out the experimental work.

Examination and Evaluation

The institution aimed to impart integral education of good quality, sound learning and inculcation of moral and ethical values through participatory and experimental learning process. The institution has its own teaching-learning pattern which incorporates the conduct of internal examinations viz. unit tests and the terminal examination, and the timely evaluation. The students are made aware by the entire tentative schedule of all internal and external examination through the academic calendar adhered with the prospectus. IQAC asked all the faculties to conduct the unit tests examination after the completion of each unit as well as student's seminar and providing the assignments. Answer sheets and the assignments were timely

evaluated and returned to the students with specific remarks for improving the writing skills. Record of all the internal examination has been maintained by the examination committee.

Teaching and Learning

The institution believes in interactive, participative, experimental and skill based teaching and learning- process. Majority of the faculty members are using modern tools in the classrooms for effective teaching and economization of the time. The departments have also organized student's seminar and group discussion, field visits that not only for better understanding of the curriculum but also for developing the interest of the students. The institution focus on student to identify, discuss and consider changes in their understandings, skills, attitudes and values. IQAC directed to the concerned committee to organize study tours and industry visits. Constructive suggestion from the students and the parents obtained through the feedback have helped to improve the teaching-learning process and removal of the loopholes.

Curriculum Development

Curriculum development is outside the purview of the institution, being affiliated to RTM Nagpur University, The affiliating university is authorized to develop the curriculum, and communicated to all the affiliating institution for uniform implementation. However, the elected or nominated faculty members are putting the valid suggestions in the BOS of the respective subjects. The faculty members are actively participating in discussion on review of curriculum. The course content, scope of the three skill based short term courses, initiated at the institutional level have been prepared by the committee of the expert subject teachers. Dr. A.K. Aney, as an elected member in BOS in Botany, has worked as member of syllabus review committee.

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

E-governance area	Details
Planning and Development	Based on the inputs from different sections and the priorities, IQAC discussed and prepared the perspective

plan for the next academic year and uploaded on the institutional website. The institution planned to introduce skill based short term courses. The IQAC has been reconstituted and decided to collect and compile the data for pending AQAR. The IQAC has decided to organize workshops on biodiversity conservation and also guest lectures on various topics. It was also planned to organize alumni meet in the month of January/February. Collection and analysis of the feedback forms obtained from different stakeholders, submission of the abstract of the attendance, progress report and performance of the students, stock verification, submission of API-PBAS formats, Confidential reports and other works is done towards the end of the academic session

Administration

The institution is working in rural areas and tries to cope up with the technology available at source. E-governance is partially followed by the institution for dissemination of information to UGC, AICTE, state government and other offices and also to the parent organization. The speedy transfer of information to the students and the staff has been continued through the Whatsapp group created. Inter-communication of information is done through the mail IDs of the faculty members. Registration, admission, student information, time tables, library services, accounting including salary and expenses is transmitted through online mode. The documents and the photos of the vents are uploaded on the institutional website. Administrative documents are communicated to the parent organization. Training programmes were organize for the office staff for use of internet and the other technological aids.

Finance and Accounts

Financial management is supported by the institution strategic plan to achieve the vision and mission of the institution and are maintained by the institution. The institution receives only salary grants from the government. The institution maintains separate accounts for the funds received from different sources as tuition fees, donations from alumni and

philanthropists, development funds, registration fees, fines and penalties, UGC schemes, corpus funds, grants for NSS etc. Collected amount is deposited in the respective bank accounts on daily basis. Financial budget is kept before College development Committee for the sanction and the approval. The accounts are regularly monitored. External auditing is done through the Parent organization and also by the office of Joint Director, Nagpur Region. The received funds are utilized for the development of the institution. Auditing is done by Chartered Accountant Company at Nagpur.

Student Admission and Support

Updated prospectus containing entire details has been prepared by the Prospectus Committee and same was made available to the students. The prospectus contained all the relevant information regarding the courses available, fee structure, scholarships, tentative schedule of both internal and external examination and the rules and regulation. Admission procedure was followed as per the university schedule that was displayed on the notice board. Admission procedure was strictly kept transparent with the implementation of reservation policies of the state government. Admissions were given strictly on merit basis with the display of general merit list and first and second waiting lists. Students were made aware about all scholarship schemes and guided for proper filling of the admission and other application forms by admission committee. Students were given the receipt of the amount paid. The quarries of the students were resolved in time bound manner. Documents and required certificates are issued to the students within the stipulated time period as per the schedule displayed in Student's Charter.

Examination

The institution has separate examination section which is looking all the matter related with the examination. The examination section equipped with IT tools, multifunctional Xerox machine, printer and internet facility. E-governance practices are used in examination section for the purpose of uploading information for enrolment of students, examination

forms, internal assessment marks, practical marks, downloading examination schedule, admit cards, question papers for theory examination, etc. The examination section maintains the record of all the university and college level terminal examinations. E-governance is also used for examination related grievances and submission of the information to the university.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Nil	Nil	Nil	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Workshop on Search Engines	Nil	14/07/2018	14/07/2018	9	Nil
2018	Workshop on social Media	Workshop on social Media	02/08/2018	02/08/2018	10	6
2019	One day Training on online software	Nil	07/03/2019	07/03/2019	10	Nil
2019	Nil	One day Training on TALLY software	22/03/2019	22/03/2019	Nil	7
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Short term course	3	19/11/2018	24/11/2018	06

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Provident Funds • Insurance • Group Insurance • Medi-claim Insurance • DCPS • Gratuity • Study leave • Average Pay Leave • Full paid Maternity leave for ladies staff • Salary timely credited to bank account • Medical leave encashment • Festive advance • Fee concession for wards • TA/DA to staff members for office and academic work • Fund allocation for field studies and excursion tours 	<ul style="list-style-type: none"> • Provident Funds • Insurance • Group Insurance • Medi-claim Insurance • DCPS • Gratuity • Full paid Maternity leaves for ladies staff • Salary timely credited to bank account • Medical leave encashment • Festive advance • Fee concession for wards • Encashment of the earn leaves • TA/DA to staff members for office and academic work 	<ul style="list-style-type: none"> • Insurance • Government of India Scholarship • Fee waiver • Free ship • Earn and learn • Book bank • Provision of issue multiple books at the time of examination • Xerox facility • Printing facility • Scholarship form filling • Online examination for filling • Financial assistance to poor and needy students

6.4 – Financial Management and Resource Mobilization

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

Financial management: Financial management and resource mobilization is monitored by the institution and by parent organization. The strategic plans of the institution are supported by the finances received from different sources. It also help us to achieve the goals defined in the vision and mission of the institution. Being state government funded, the institution received salary grants from the state government. The institution also received funds from sources like tuition fees of enrolled students, donation from alumni and anthropologists, parent organization, development funds, registration fees, fines and penalties, UGC schemes, corpus funds, grants for NSS, consultancy, interest on deposits, and other miscellaneous resources. The financial budget prepared in the beginning of the academic session is kept before College Development Committee (CDC) for approval. At the end of each financial year the institution undertake internal audit of all accounts. The finances and external audit is carried out by Solo and Company, Nagpur, hired to maintain the finances and the audit. Audit of salary grants is carried out by Joint Director of the region, and the entire audit is also carried by the account section of the parent organization. Finalized audit report is placed before the executive body of the parent organization at the meeting of Local Management Committee and the objections raised are taken care of and compliance report is submitted.

Resource mobilization: The resource mobilization policy seeks to guide the institution's efforts towards building strong finance to provide sound base for the programmes undertaken. Broadly the resources are utilized for various purposes like administrative, academic, infrastructure development and maintenance and other miscellaneous activities. To ensure proper and optimum use of the resources a strict budgetary control on expenditure is exercised.

The prepared budget is kept before the executive body of the parent organization through Local Management Committee and get approved with modifications. Non-salary grants and the other funds are used for administrative and academic as well as for infrastructure development and maintenance.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Individuals and Philanthropists	230000	Donation for Development
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6.4.3 – Total corpus fund generated

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6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	IQAC
Administrative	No	Null	Yes	IQAC

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

<ul style="list-style-type: none"> • Parents along with their wards were called on the eve of Principal's address at the beginning of the session • Formed Parent-Teacher Forum • Parents were also invited on the inaugural ceremony of the social gathering of the students. • Collected feedback from the parents. • Constructive suggestions from the parents were considered • Initiated skill based courses as per the demand from the parents • Parents are updated regularly with respect to the performance of their wards
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6.5.3 – Development programmes for support staff (at least three)

<ul style="list-style-type: none"> • Continued tea club facility for staff in the college premises • Non-teaching staff are encouraged to attend training programmes • The teachers on CHB are encouraged to undertake research • Research scholars were encouraged for manuscript writing and publication of papers • IQAC in collaboration with the Department of Computer Science has arranged the training programme for both teaching and non-teaching staff
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<ol style="list-style-type: none"> 1. Organized training programmes for teaching and non-teaching staff 2. Initiated E-governance practices 3. Mentor-mentee system continued 4. Circulation of self-prepared notes and study material through Whatsapp group continued 5. Encouraged the facility for frequent use of ICT tools 6. Strengthened the outreach activities 7. Collection and analysis of feedback from employer, alumni, students and parents 8. Student's project activity continued 9. Up-gradation of library facility 10. Augmentation in infrastructure 11. Initiated three skilled based short term courses 12. Regular submission of API-PBAS forms from all the faculty members 13. Organized five one day workshop on new framework of NAAC

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	One day national seminar on Bee Keeping	20/05/2018	20/05/2018	20/05/2018	150
2018	Tree plantation	21/07/2018	21/07/2018	22/07/2018	280
2018	Guest lecture on Biodiversity conservation	10/08/2018	10/08/2018	10/08/2018	295
2018	Guest lecture on Tissue culture: Theory and practice	10/08/2018	10/08/2018	10/08/2018	160
2018	Swacchata Abhiyan	14/08/2018	14/08/2018	14/08/2018	150
2018	Excursion tours at Tasar Sericulture centre of CSB at Dawadipar	07/09/2018	07/09/2018	07/09/2018	28
2018	Workshop on understanding revised methodology of A A by NAAC	27/11/2018	27/11/2018	27/11/2018	32
2018	Skill based certificate course in Library and Information science	01/12/2018	01/12/2018	28/02/2019	30
2018	Skill based certificate course in Apiculture	01/12/2018	01/12/2018	28/02/2019	24

2018	Skill based certificate course in Sericulture	01/12/2018	01/12/2018	28/02/2019	13
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Rakshabandhan Celebration	27/08/2018	27/08/2018	178	45
Awareness programme for women safety and respect	03/09/2018	03/09/2018	165	53
Seminar on gender sensitization	15/09/2018	15/09/2018	182	60
HIV: A Silent Killer	01/12/2018	01/12/2018	135	58
Women Education in India	04/01/2019	04/01/2019	67	34
Poster Competition (Theme: Beti Bachao, Beti Padho)	25/01/2019	25/01/2019	18	7
Essay Competition (Theme: Empowered Women makes Empowered Society)	04/02/2019	04/02/2019	25	12
Cyber Crime	15/02/2019	15/02/2019	138	62
Women Empowerment	23/02/2019	23/02/2019	230	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The institution is conscious about the duty towards environmental conservation, sustainability and sanitization. The institution is not using any renewable energy sources. However, the classrooms, library and the administrative block are provided with low energy consuming LED lights. The institution follows the theme of minimum utilization of energy sources like lights, fans and other electrical appliances to minimize the electricity consumption. A step towards

the environmental consciousness, IQAC in collaboration with NSS unit of the institution participated in wildlife week organized by forest department. IQAC in collaboration with the local government has organized tree plantation drive in college premises as well as in different places of the town. The IQAC in collaboration with Department of Botany and Zoology has taken initiative to observe the World Environmental Day. Under the scheme of government of Maharashtra staff and students were involved in plantation drive (Van Mohotsav-2018) and number of awareness programs on environmental consciousness. A step ahead towards environmental consciousness use of plastic in college premises is strictly banned. Rain harvesting system has been established in the premises. Department of Botany has organized popular lectures on biodiversity conservation.

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	21/07/2018	02	Van Mohotsav-2018	Environmental conservation	250
2018	1	1	14/08/2018	01	Swachhata Abhiyan	Importance of sanitation	145
2018	1	Nil	21/09/2018	01	Career Guidance Camp	How to build up your career	250
2018	1	Nil	08/12/2018	01	Yuva Bhushan Exam	Competitive exam	35

2019	1	1	11/01/2019	01	Andhash raddha Nirmulan	Blind faith is harmful	100
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Handbook of Professional ethics and Code of Conduct	Nil	Decided to publish the Handbook on Professional Ethics and Code of Conduct for various stakeholders. Rules and regulations for students incorporated in the prospectus

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2018	21/06/2018	86
Van Mohotsav-2018	21/07/2018	22/07/2018	250
Annabhau Sathe Birth Anniversary	01/08/2018	01/08/2018	172
Swachchhata Abhiyan	14/08/2018	14/08/2018	145
World Literacy Day	08/09/2018	08/09/2018	195
International Democracy Day	15/09/2018	15/09/2018	183
Karagil Shouryagatha	25/09/2018	25/09/2018	200
Swachchha Bharat Abhiyan (Gandhi Birth Anniversary)	02/10/2018	02/10/2018	160
Constitution Day	26/11/2018	26/11/2018	56
Yuva Bhushan Exam	08/12/2018	08/12/2018	35
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Restricted entry of vehicles of outsider
2. Cleanliness drive under Swach Bharat Abhiyan
3. Organized Van Mohotsav-2018 and tree plantation drive
4. Active participation of staff and students in different activities during Wildlife-Week
5. Proper utilization of wastewater generated for watering the plants
6. Regular cleaning of the campus by removing weeds grown after monsoon
7. Ban on use of plastics and promoted use of biodegradable plastics
8. Regular monitoring for sanitation in college premises

9. Proper disposal of daily collected garbage

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice-1

1. Title of the practice: 'PAWAN PATTERN'
2. Objectives of the Practice: ? To provide a healthy environment and platform to students ? To focus on continuous internal evaluation ? To inculcate research attitude ? Incultation of social accountability ? Providing skill based training
3. The Context: Participatory and experimental teaching-learning process is the main focus of the institution. The students are involved in various academic activities conducted throughout the year.
4. The Practice: Admission process is transparent and on merit basis. Parents and the students are invited for the Principal's address for disclosing the rules and regulations and available facilities. Information regarding the facilities available in different departments presented by heads of the departments. Library facilities were narrated by the Librarian whereas, IQAC coordinator explained about the overall progress and the strength of the institution. Activities conducted during first fortnight of the commencement of the teaching are the organization of performance test for the first semester students, providing the students the syllabus, revision of the subject knowledge of the previous examination and identification of slow and advanced learner. Students provided with the notes and the study material either in hard or soft copies. Continuous Monitoring System (CMS) includes regular checking of the student's performance by conducting unit tests, surprise tests, group discussion, student's classroom seminars, assignments and ability to answer the short questions. Students were provided with question papers of previous university examination. Slow learners are given special attention by solving their difficulties. Topics distributed to the students for the seminar and the assignments. Evaluation of all internal examination and the assignments is carried out in schedule time and the answer sheets are returned to the students with specific remarks for improvement. Examination section organized the terminal examination before the university examination. Focused on the demonstration of the practical by the subject teachers. Workshops were also organized for competitive examination and career guidance. Subject related topics were given to the students of final year to conduct the survey and submission of report under the supervision of faculties.
5. Evidence of Success: The practice helped in building self-confidence and active participation of students in various activities. The success of practice is measured by observing the improvement of the student's performance in the final year examination who were admitted with average marks at the entry level. Regular practice of internal evaluation through different modes resulted the students to become more familiar with the university examination. The project assigned to the students yielded in developing interest of students in research field. It revealed the performance improvement and the progression in higher education. Final year Topper Students (2018-19):

Sr. No.	Name of Students	Year	Group	Distinction	Percentage
1.	Ku. Kalyani G. Shende	S-2019	PCM	PCM	79.88
2.	Ku. Priti H. Salame	S-2019	CBZ	CBZ	68.26
3.	Mr. Aman R. Gondane	S-2019	CBZ	CBZ	65.11
4.	Ku. Rohinee Y. Khandait	S-2019	PCM	--	61.44
5.	Ku. Sneha Anil Bawankar	S-2019	PCM	--	64.88
6.	Mr. Kshitij R. Tirpude	S-2019	CBZ	--	63.77
7.	Mr. Nikhil H. Zode	S-2019	CBZ	--	63.44
8.	Ku. Trupti H. Bhujbal	S-2019	PCM	--	62.77
9.	Ku. Veydantie J. Meshram	S-2019	CBZ	--	62.11
6. Problem Encountered and Resources Required: Being working in rural area we encountered with ? Area with low industry density ? English as language barrier in communication ? Most of the students from economically could not afford the paid education and costly study material.
7. Notes (Optional): The Pawan Pattern methodology helped in participatory and experimental teaching-learning process. The teaching-learning methodology devised by the institution has resulted in attracting the students.

Best Practice-2

1. Title of the Practice: 'BEE WITH THE FARMERS'
2. Objective

of the Practice: 1. To increase the agricultural production by providing pollination services through beekeeping. 2. Generation of employment opportunities for the youth by exploiting the rich local agricultural and forest bio resources. 3. Promotion of organic farming practices 4. Minimize application of synthetic fertilizers and the hazardous pesticides. 5. To provide the scientific information to the students and the farmers of the area through training programme on bee keeping and its related aspects 3. The Context: The local region has rich natural resources viz. fertile soil, huge forest area, abundant water resources, varied agricultural crop pattern, however the agricultural production per unit area is very low as compared to National average. The farmers and tribal youth of this region are facing the problem in terms of employment opportunities, low economic income which leads to migration towards urban area. The adjoining area is remain underdeveloped and is recognized as low industry density area. Due to rapid industrialization, indiscriminate use of pesticides, monoculture, deforestation the pollination agents viz. insects in general and bees in specific have been declined to significantly that resulted in lowering the yield in several crops specifically oil seeds, pulses, horticultural and vegetable fruit crops. At the onset of the practice, the faculties from department of Botany and Zoology conducted the survey in two Talukas particularly Pauni and Lakhandur and intervened the farmers for various aspects regarding low productivity. After getting acquainted with the problems, the faculties from Zoology conceived an idea for providing the scientific information to the farmers regarding the bee keeping and its usefulness in agricultural production as well as employment generation. The faculties started meeting and discussion with farmers and then collected the information of several farmers and asked them to enter in the movement of bee keeping. It was also observed that abundantly available unused pollen and nectar resources which are the food for bees can be converted to value added products like honey, wax, pollen and propolis. The region has plenty of potential for beekeeping which again could be tool to eradicate un-employability in local region. The knowledge which could be confined in walls of classroom could be utilized for welfare of society. By considering these facts an effort was taken by department of Zoology to bring the awareness in the masses about potentials of beekeeping. Several NGOs and government organization joined their hands in the movement and that has resulted in recognizing our institution as one of the vital center for helping the farmers in uplifting their agricultural productivity through bee keeping. Being farmer oriented, the practice has been named as "BEE WITH FARMERS". 4. The Practices: The institution is engaged in awareness, training and extension of beekeeping since last few years with the aid of different agencies in rural area of Bhandara district and other parts of Vidarbha region. The institution as a center of resources and expertise engaged in following activities. 1. Assistance for Beekeeping: Institution provided the technical assistance and resource persons for beekeeping training programme organized for the farmers on handling, maintenance of the bee colonies and harvesting honey. 2. Organization of seminars: National Seminar on Beekeeping organized by the institution in collaboration with different academic institutions and government organization like KVIC to bring awareness about beekeeping among students, farmers and researchers. 5. Evidence of Success: The farmer centric practice employed by the institution has been recognized in sort period that resulted in enhancement in number of farmers joining the mass movement. The concerned faculties of the institution received demand from the farmers for the procurement of honey colonies. Other academic institutions have also invited our expert faculty for the seminars and workshops. We received overwhelming response from the farmers and youth as they noted the enhancement in agricultural production of several crops that resulted in enhancement in their agricultural income at the cost of minimum capital investment. Majority of the farmers started beekeeping in their fields. Farmers have also started extracting the naturel honey and selling it

in market. The academicians and college teachers from other institution have also been invited for participating in the seminars organized by the institution. The movement is supported by various NGOs and the government organizations too. Two of the research students are also working for obtaining Ph.D. degree on collaborative efforts of Botany and Zoology. Department of Zoology engaged in following activities: 1. Organization of workshop and seminars 2. Frequent interaction with farmers 3. Sharing the useful outcome of the results obtained through experimentation 4. Assistance for Beekeeping 6. Problem Encountered and Resources Required: ? Population of the area belongs to low income group and hence cannot afford the cost of bee hives ? Educational and social backwardness and sticking to the traditional farming practices is the main barrier ? Availability of infrastructure for set up 7. Important to Note (Optional): Two research scholars are working on related aspects of bee keeping under the guidance of faculties from Botany and Zoology. The scientific data obtained on various yield related parameters is found useful in sharing with the farmers.

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

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Pauni is rural place where most of the families of this region belong to low income group that cannot afford the coastally education for their children. There was no facility of science steam education in the nearby area before 1988 and hence, the parent organization taken an initiative for the inception of college with science stream education in 1988-89. The institution is providing science stream education to the students at affordable fee structure. Initially, the institution run only two science courses i.e. B.Sc. in Biology and B.Sc. in Mathematics. Thereafter, considering the demand and scope, we have started B.Sc. in Computer Science. The institution started providing education in the rented building with merger strength of students, however, during the course of time, the institution has acquired the land and in the pollution free zone and now is having its, own two storied building with spacious laboratories, classrooms and the administrative block. While working on the path of providing quality education and the sincere as well as team efforts have resulted in getting name and fame to the institution. During the course of time, the institution shown the qualitative and quantitative growth in terms of enhancement in the number of students and the meritorious achievements of the students in the university examinations. The institution not only produced topper students in both Bhandara and Gondia district but also have secured meritorious positions in the university examinations and have won the medals in different subjects. The intuition is having admission of average students but the well-planned teaching-learning methodology devised and continuous monitoring have resulted in the exponential growth in the performance of the students. The institution provides all sorts of facilities to the students with respect to safety, security and affordable fee structure that resulted in remarkably increase in girl students that counts more than 75 every year. The practices performed by the institution generated trust and created conducive environment for study. Regular monitoring system has been developed by the institution for monitoring progress of the students. Following the vision of Dr. Panjabrao Deshmukh, Founder President, Shri Shivaji Education Society, Amravati, the institution is continuously working for farmers and the youth. Department of Zoology and Botany are engaged in training and assistance to the farmers on bee keeping and sericulture making it as a mass movement. The

institution has N.S.S. unit of 100 volunteers which every year organizes the residential camps. The staff members are generous in helping out the poor students for their higher studies. The institution organizes various programs on national integrity, human values and various society oriented activities. The institution trust in participatory and experimental learning and hence every year the students are taken to for field visit or visit to the industries/laboratories. The students are also involved in organization of various academic and co-curricular activities. Though, the institution is providing only the science stream education at degree level, it has earned the reputation due to the quality education provided to the students.

Provide the weblink of the institution

<http://sscpauni.com/>

8.Future Plans of Actions for Next Academic Year

? IQAC: • Reconstitution of IQAC • Formation of criteria-wise committees for collection and compilation of data • Organization of workshop by IQAC coordinator for understanding the new methodology of by NAAC • Collection and compilation of data from different committees • Yearly submission of the data to All India Survey on Higher Education (AISHE) • Organization of workshops on Student satisfaction Survey (SSS) • Preparation of SSR before the registration to NAAC • Organization of seminars and workshops • Mentor-mentee system • Extension of community activities • Enhancement in ICT • Design and development of institutional website • Collection and analysis of feedback from students, alumni, parents and employer ? Up-gradation of infrastructure facilities: • Renovation of meeting room and Fencing of the campus • Up-gradation of office set-up and extension of library ? Library enrichment: • Journals subscription • New titles of Text and Reference books • Installation of library based software ? Fund generation and support services: • Generation of funds from different funding agencies, alumni and philanthropists • Submission of project proposal to KVIC under SFURTI scheme of central government ? Enhancement in Academic Set-Up: • Strengthening of "Pawan Pattern" for the further improvement in results • Recommendation to the faculties for the enhancement in publications of books and research articles in reputed journals • Recommendations for providing financial assistance to the faculty members for publication and attending conferences • Seminars. Workshops to be organized for students • Organization of workshops on curriculum design and development • Organization of guest lectures on subject related topics • Incorporation of students in various committees • Extension of research activities under the guidance of registered faculties for Ph.D. degree ? Teaching-learning process: • Strengthening of teaching-learning process with the use of modern tools and techniques • Efforts to make teaching-learning process learner-centric • Enhancement in lectures delivered through power point presentations • Practical demonstration with the help of models and charts available • Organization of popular lectures on curriculum based topics • Organization of extra classes for the completion of syllabus well in advance before the university examination • Conduct of regular unit test examination by subject faculties • Conduct of college terminal examination • Timely and fare evaluation of the students and returning of the valued answer sheets to the students with proper endorsement • Organization of student's classroom seminars • Preparation and circulation of self-prepared notes to the students • Organization of short and long excursion tours, visit to industry and reputed institution and laboratories ? Community and outreach activities: • Outreach and community activities to be continued • Organization of Tree Plantation programme in college premises • Strengthening of green campus activities • Organization of training programmes for farmers and students on sustainable agriculture and organic farming • Organization of workshop for students on vermicomposting practices • Organization of blood donation camps • Organization of guest lectures on women empowerment, personal hygiene and health related issues • Organization of short

and long NSS camps