Yearly Status Report - 2019-2020

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 Lepse**
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	**Science College, Khapari 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-2018-19.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-Calender19-20.pdf

5. Accrediation Details

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

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

Distribution of 250 bee hives to farmers	13-Oct-2019 01	25
One day workshop on SSS	14-Sep-2019 01	350
Training programme on Bee Keeping for farmers	23-Aug-2019 05	25
Mass tree plantation programme	18-Aug-2019 01	230
Preparation of uniform boards and name plates	05-Aug-2019 06	32
Design and development of institutional website	01-Jun-2019 30	450
National level Seminar on Conservation of Bees	20-May-2019 01	110
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Zoology	Major Honey Mission	Government of India KVIC, Nagpur	2019 03	1250000
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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)

? Started preparation of AQAR, IIQA and SSR

? Organized workshop for students SSS. Dr. AK Aney explained the questionnaire in local language

? Institutional website designed and developed

? 250 honey bee hives, subsidized by central government and sponsored by KVIC, approximately of 12 lakh Rs. distributed to farmers

? Proposal of cluster development in bee keeping under SFURTI of MSME, with outlay of Rs. 2.5 crore submitted to KVIC

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

Plan of Action	Achivements/Outcomes
Extension of Internet facility	Internet facility extended to different departments
Design and development of institutional website	Institutional website designed and developed and relevant information uploaded
Data collection and compilation	Organized frequent scheduled meetings of criteria-wise committees for review, collection and compilation of data
Workshop on SSS	Organized one day workshop for all the current students on student's satisfaction survey. Dr. AK Aney explained the questionnaire in local language to the students
ICT strengthening	Each department provided with computer machine, printer and UPS
Infrastructure up-gradation	Constructed and up-graded the meeting room with furniture and other facilities
Enhancement in outreach and social activities	250 bee hives distributed to 25 registered farmers, subsidized at 90% rate and about Rs. 12 lakh sponsored by KVIC
Project proposal for fund raising	Submitted project proposal on Bee Keeping Cluster, under SFURTI scheme of central government, sponsored by KVIC wit outlay of Rs. 2.5 crore.
Organization of seminar/workshops and training programmes	Organized 1. National level seminar on Conservation of Honey Bees, 2. One day workshops on Mulberry Sericulture for farmers and students, 3. One Day workshop on Bee Keeping for farmers at village Keshori (Naxal affected area),

	4. National awareness programme on "Built the enterprise of your dream", sponsored by KVIC, 5. Five days training programme on bee keeping.
Organization of guest lectures	Guest lectures on environment and biodiversity related topics organized by department of Botany and Zoology

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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	**2020**
Date of Submission	**15-Jan-2020**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton 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

Mandatorily the curriculum designed by the affiliating university is followed, since having permanently affiliated to RTM Nagpur University, Nagpur. The institution prepare 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 preparation and allotment of workload, and preparation of time table. Different departments have liberty to enhance and enrich the learning and learning outcomes through the curriculum. Enrichment of the curriculum is supported by the organization of student's seminars, group discussions and workshops by the different departments. Participatory and experimental learning is achieved by the organization of excursion tours and industry visits for hands-on training. IQAC facilitated the expansion of the prescribed curriculum in multiple dimensions. In order to orient and develop the research attitude, 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. 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 laptops, 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 four 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/entrepre neurship	Skill Development
Certificate Course in Apiculture	Nil	01/12/2019	90	Employabil ity and Entr epreneurship	Bee Keeping Techniques
Certificate Course in Sericulture	Nil	01/12/2019	90	Employabil ity and Entr epreneurship	Skill development in rearing and production of cocoon

Certificate Course in Library Information Science	Nil	01/12/2019	90	Employability	Basics of library science including computation of data and accession
Certificate Course in Mushroom Cultivation	Nil	01/12/2019	90	Employability and Entrepreneurship	Skill development for Cultivation, Production, Packaging and Marketing

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Nil	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

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

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

	Certificate	Diploma Course
Number of Students	71	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	01/12/2019	10
Certificate Course in Sericulture	01/12/2019	29
Certificate Course in Library and Information Science	01/12/2019	27
Certificate Course in Mushroom Cultivation	01/12/2019	5
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany, Chemistry, Zoology	35

BSc	Chemistry, Math, Physics	50
BSc	Comp. Science, Math, Physics	34
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The institution has well established system of obtaining feedback from all the stakeholders. After through discussion, the IQAC of the college had prepared the suitable 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 We have 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 and the alumni meet, respectively, organized in the last week of December or in the month of January. 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. 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.

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	57	167	57
BSc	Mathematics	52	114	52

BSc	Computer Science	35	56	35

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	398	Nill	16	Nill	16

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	Numberof smart classrooms	E-resources and techniques used
16	8	4	3	Nill	2

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

Each enrolled students are issued Student card. As per the decision taken by the IQAC of introducing the mentor-mentee system, it has been continued for the previous year too. All the mentors are provided with the guidelines and the prepared format for collecting the general and other relevant information of the students in a specified manner. The prepared format has been uploaded on the institutional website. IQAC monitored all the activities related to mentor-mentee. List of the admitted students procured by IQAC and based on the number of permanent faculties available, assigned approximately plus minus 26 students to each mentor. Only the permanent faculties were designated as mentor. Initially, orientation workshop for all the students and the faculties was organized by IQAC in order to make the students aware of the introduced mentor-mentee system and also its uniform functioning. 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 and also provided with the standardized guidelines prepared by IQAC. 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. 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 issues raised by the mentee were resolved by the mentors and the abstract report have been submitted to IQAC.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
398	16	1:25

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	16	6	5	12

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
2020	Dr. B. S. Rahile	Associate Professor	Distinguished work in Education/ Z. P. School, Pauna (Bk.)
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Nill	Semester VI	30/04/2020	23/11/2020
BSc	Nill	Semester V	19/10/2019	27/01/2020
BSc	Nill	Semester IV	30/04/2020	16/10/2020
BSc	Nill	Semester III	19/10/2019	14/02/2020
BSc	Nill	Semester II	30/04/2020	16/10/2020
BSc	Nill	Semester I	19/10/2019	14/02/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute is affiliated to RTM Nagpur University and 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 schedules 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 on 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 institution has reconstituted the Prospectus and Academic Calendar Committee. Academic Calendar is prepared by college at the beginning of each academic year in accordance with the academic calendar designed by affiliating university. The academic calendar is incorporated in the college prospectus and adhere to it in a time bound manner. The same is also uploaded on the web, notice board and the students are apprised of the academic calendar. The academic calendar focus on schedule of each academic and other activities, the tentative schedule of internal and external 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. The 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 well in advance and displayed on the notice board. The academic calendar mainly incorporated the 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. The institution has constituted a committee which looks after the preparation of college prospectus and the academic calendar every year. Academic calendar is prepared by taking relevant information from all the departments, Librarian, Director of Physical education and in consultation with the IQAC.

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	Computer Science	34	33	97.05
Nill	BSc	Mathematics	50	50	100
Nill	BSc	Biology	35	35	100
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2.7 – Student Satisfaction Survey

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

 http://sscpauni.com/pdf/Student_Feedback_Report-2019-20.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
Total	00	Nil	0	0
Any Other (Specify)	00	Nil	0	0
International Projects	00	Nil	0	0
Students Research Projects (Other than compulsory by the University)	00	Nil	0	0
Projects sponsored by the University	00	Nil	0	0
Industry sponsored Projects	00	Nil	0	0
Interdiscipli nary Projects	00	Nil	0	0
Minor Projects	00	Nil	0	0
Major Projects	00	Nil	0	0

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Beekeeping Training Programme	Zoology	23/08/2019
Development in Mathematics Curriculum	Mathematics	06/03/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nill	Nil

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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	Nill

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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	Nill

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	Nill
International	Zoology	4	Nill
International	Chemistry	11	Nill
International	Physical Education	1	Nill
International	Mathematics	Nill	Nill
International	Library and Information Science	Nill	Nill
International	Physics	Nill	Nill

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

Department	Number of Publication
Botany	1
Zoology	1

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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
Detoxification of Cd(II) by using eco-friendly adsorbent material	B. D. Gharde	International Journal of Current Engineering And Scientific	2019	Nill	Department of Chemistry, Science Collage, Pauni	Nill

Title	Author	Journal	Year		Institution	
prepared from Saraca ashoca bark.		Research I .J.C.E.S.R . 6 (1), 1080			Dist. Bhandara, Maharashtra, India	
Effective Removal of Cu(II) from Aqueous Solution using Acasia Arabica Tree Bark Substrate	B. D. Gharde	International Journal of Scientific Research in Science and Technology7 (2) : 97-104	2020	Nill	Department of Chemistry, Science Collage, Pauni Dist. Bhandara, Maharashtra, India	Nill
Adsorption of Hg and Pb on Bio adsorbent prepared from roots of Magnifera Indica	A. B. Sahare B.D.Gharde	BIOINFOLET,17 (3B) 467	2020	Nill	Department of Chemistry, Science Collage, Pauni Dist. Bhandara,	Nill
Use of Modified Acasia arabica Tree Bark Substrate for the Adsorption of Ni (II) From Aqueous Solution	B.D.Gharde	International Journal of Scientific Research in Science and Technology 7 (2) 340-347]	2020	Nill	Department of Chemistry, Science College Pauni Dist. – Bhandara, Maharashtra, India	Nill
Adsorption of Co2 from Aqueous Solution Using G Low Cost Adsorbent (IJSRCH), Volume 5, Issue 2, March-April 2020.	B.D.Gharde	International Journal of Scientific Research in Chemistry 5 (2) : 10-16	2020	Nill	Department of Chemistry, Science College Pauni Dist. – Bhandara, Maharashtra, India	Nill
Removal of Cr(VI) metal ion	B.D.Gharde	International Journal of	2020	Nill	Department of	Nill

from aqueous solution using Acasia Arabica Tree substrate , (IJSE) 10 (3)		Engineering Science and computing ,10 (3)				Chemistry, Science College Pauni Dist. – Bhandara, Maharashtra, India	
Development of Blank size for Deep Drawing of Rectangular Part	A.B Bodhe P.D Dethe	Science, Technology and Development Journal, VIII (XII),814	2019	Nill		Department of Chemistry Science College Pauni, Maharashtra, India	Nill
MnO 2@ Polyaniline -CNT-boron-doped graphene as a freestanding binder-free electrode material for supercapacitor	Rini Jain, Pravin H Wadekar, Rahul V Khose, Dattatray A Pethsangave, Surajit Some	Journal of Materials Science: Materials in Electronics	2020	10		Institute of Chemical Technology, Matunga	10
Chlorophyll deficiencies induced by physical and chemical mutagens in mutagenized population of Rivinia humilis L.	Aney Avinash and Choudhary Arvind	International J. of Life Sciences, 7(4):773-784.	2019	Nill		Department of Botany, Shri Shivaji Education Society Amravati's Science College, Pauni, Dist. Bhandara.	Nill
Cyto-toxic effects of physical and chemical mutagens in root tip cells of Rivina humilis L.	Aney Avinash and Choudhary Arvind	Journal of Cytology and Genetics, Vol. 21 (NS), 7-25.	2019	Nill		Department of Botany, Shri Shivaji Education Society Amravatis Science College, Pauni, Dist.	Nill

| | | | | | | Bhandara - 441910 (MS), India | |

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
MnO2 @ Polyaniline-CNT-boron-doped graphene as a freestanding binder-free electrode material for supercapacitor	Rini Jain, Pravin H Wadekar, Rahul V Khose, Dattatray A Pethsangave, Surajit Some	Journal of Materials Science: Materials in Electronics	2020	1	10	Institute of Chemical Technology, Matunga,Mumbai

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	4	Nill	Nill
Presented papers	Nill	12	Nill	Nill
Resource persons	Nill	2	1	Nill

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Rakshabandhan Celebration	IQAC in Collaboration with Viswanshanti Prajapita Brahma Kumaris, Pauni	5	164
Van Mahotsav-2019	IQAC and NSS unit	5	124
Yuva Mahitidut	NSS unit	3	125
Beekeeping Training Programme	Department of Zoology in collaboration with IQAC and Khadi and	4	25

	Village Industries Commission, Bhandara			
Wildlife Week	Department of Botany, Zoology, IQAC and Forest Department, Gondia		4	150
Distribution of Honey Bee Boxes	Department of Zoology in collaboration with Khadi and Village Industries Commission, Bhandara		4	25
Protection of Woman from Domestic Violence Act 2005	IQAC and Woman Redressal cell of the college		4	130
NSS Residential camp at Bhojapur	NSS unit in collaboration with Bhojapur Grampanchayat		15	55
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	Nill
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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 activites	Number of students participated in such activites
International Yoga Day	IQAC and Department of Physical Education in collaboration with Patanjali Yoga Centre Pauni	Yoga for Physical Fitness	4	75
Birth Anniversary celebrations	IQAC and NSS unit	Social reforms of Annabhau Sathe	5	153
Van Mahotsav-2019	IQAC in in collaboration with Government of Maharashtra	Creating awareness for forest conservation and planting	6	124
Yuva Mahitidut	NSS unit	Awareness about	5	125

		government schemes and their benefits		
Beekeeping Training Programme	Department of Zoology in collaboration with Khadi and Village Industries Commission (KVIC) , Bhandara	Bee keeping practices	4	25
Wildlife Week	IQAC, Department of Botany, Zoology in collaboration with Forest Department, Gondia	Conservation and protection of wildlife	5	150
Swacch Bharat Abhiyan (Mahatma Gandhi Birth Anniversary)	IQAC and NSS unit in collaboration with Government of Maharashtra	Weeding	12	65
Distribution of Honey Bee Boxes	Department of Zoology in collaboration with Khadi and Village Industries Commission	Distribution of Honey Bee Boxes	4	25
Constitution day	IQAC	Understanding Constitutional values and fundamental principles of Indian constitution	4	73
National Science Day	IQAC	Poster presentation	3	135
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	03	Self-financed	180
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering	Duration From	Duration To	Participant

Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research (CSBR) , RTM Nagpur University, Nagpur	16/08/2019	30/04/2020	02
Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research (CSBR) , RTM Nagpur University, Nagpur	01/09/2019	30/04/2020	02

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

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

[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
724000	833110

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing

Video Centre	Nill
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Nill
Classrooms with Wi-Fi OR LAN	Existing
Others	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Cloud Based Library Management System	Partially	11.0	2020

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	3653	362752	Nill	Nill	3653	362752
Reference Books	2836	1037146	9	3880	2845	1041026
e-Books	Nill	Nill	Nill	Nill	Nill	Nill
Journals	2	6166	2	608	4	6774
e-Journals	Nill	Nill	Nill	Nill	Nill	Nill
Digital Database	1	Nill	10	Nill	11	Nill
CD & Video	11	Nill	4	Nill	15	Nill
Library Automation	1	35400	Nill	Nill	1	35400
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(specify)	11	Nill	Nill	Nill	11	Nill
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Sanjay Ghugal	Biogeochemical	Microsoft Power	18/09/2019

	Cycle	point presentation	
Dr. Sanjay Ghugal	Ecosystem	Microsoft Power point presentation	19/09/2019
Dr. Sanjay Ghugal	Utilization of Plants	Microsoft Power point presentation	12/03/2020

No file uploaded.

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	1	11	50	5
Added	18	0	1	0	0	1	2	0	0
Total	38	1	2	1	0	2	13	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	Nill

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 incurredon maintenance of physical facilites
911000	978512	622000	714329

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 institution has framed policy. All the requirement from departments and reports of the 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 infrastructure and 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 by the approval of the Purchase Committee. LABORATORIES: Logbook, stock register are regularly maintained by Laboratory Attendant and monitored by HOD. Installation of instruments is carried out by the technical experts from the owner enterprises. Equipment are calibrated regularly. Laboratories are available for students for performing the experiments as per the time table in presence of the subject teacher. Chemicals, materials issued are personally provided to the students by Laboratory Attendant. Students has to follow the laboratory guidelines. Stock Verification carried out towards the end of the academic session. LIBRARY: All the books are bar-coded and maintained properly. 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 occasion of birth anniversary of Late Dr. Panjabrao alias Bhausaheb 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. Infrastructure is maintained termite free by application of organic pesticides. Water tanks are regularly cleaned. Fans, bulbs and electrical appliances are switched off when not in use 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 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	29	22160
Financial Support from Other Sources			
a) National	Government of India Scholarship	347	754526
b)International	Nil	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial coaching for Semester I students for Computer Sci./Chemistryogy	04/02/2020	64	Department of Computer Sci./Chemistry

Remedial coaching for Semester I students for Mathematics/Zoology	27/01/2020	42	Department of Physics/Zoology
Remedial coaching for Semester I students for Botany/Physics	20/01/2020	34	Department of Botany/Physics
Preparation for UPSC examination	13/01/2020	28	Narayana IAS Academy Nagpur
Principal's Address	03/08/2019	163	IQAC
Yoga and Meditation	21/06/2019	26	Department of Physical Education in collaboration with Patanjali Yoga Center Pauni

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Pawan Pattern Competitive Examination	40	Nill	Nill	Nill
2020	Career Counselling	Nill	31	Nill	Nill

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	20

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Nil	Nill	Nill	Nil	Nill	Nill

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc. in (Mathematics)	Chemistry	Khamla Nehru Mahavi dhyalaya, Nagpur	M.Sc. in Chemistry
2019	1	B.Sc. in (Mathematics)	Physics	Gondwana University, Gadchiloli	M.Sc. in Physics
2019	1	B.Sc. in (Mathematics)	Physics	Dr. Ambedkar College, Nagpur	M.Sc. in Physics
2019	1	B.Sc. (Mat hematics)	Physics	V.M.V. College, Nagpur	M.Sc. in Physics
2019	1	B.Sc. (Mat hematics)	Physics	Kamla Nehru Mahavi dhyalaya,Nag pur	M.Sc. in Physics
2019	1	B.Sc. (Mat hematics))	Physics	PGTD of Physics, RTM Nagpur University, Nagpur	M.Sc. in Physics
2019	1	B.Sc. (Mat hematics)	Mathematics	PGTD of Mathematics, RTM Nagpur University, Nagpur	M.Sc. in Mathematics
2019	2	B.Sc. (Biology)	Zoology	Mathuradas Mohata Science College, Nagpur	M.Sc. in Zoology
2019	1	B. Sc. (Biology)	Botany	N.H College Bram hapuri,Chand rapur	M.Sc. in Botany
2019	1	B. Sc. (Biology)	Botany	Mathuradas Mohata Science College, Nagpur	M.Sc. in Botany
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1

SET	1
SLET	Nill
GATE	1
GMAT	Nill
CAT	Nill
GRE	Nill
TOFEL	Nill
Civil Services	Nill
Any Other	Nill
[View File](#)	

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

Activity	Level	Number of Participants
Essay competition	Institutional	21
Antakshari	Institutional	20
Drama competition	Institutional	11
Dance competition	Institutional	26
Elocution competition	Institutional	22
Debate competition	Institutional	15
Singing competition	Institutional	16
Poster presentation	Institutional	14
Flower presentation	Institutional	17
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Selected for State Level NSS Camp	National	Nill	1	2003 2443 1717	Mr .Aakash Raikwar
2020	Selected for State Level NSS Camp	National	Nill	1	6817 8834-3930	Ms. Kiran Jibhkatr
2020	Selected for State Level NSS Camp	National	Nill	1	3592-394 6-7670	Ms. Mrunal Pande
2020	Selected for State Level NSS Camp	National	Nill	1	5849-352 5-7651	Mr.Pranay Fulzele

2020	Selected for State Level NSS Camp	National	Nill	1	3138-8095-4102	Mr.Aakash Shende
2020	Selected for State Level NSS Camp	National	Nill	1	2870-5591-2084	Mr. Rohit Mangar
2020	Selected for State Level NSS Camp	National	Nill	1	7701-5657-5389	Mr .Nayan Shignath
2020	Selected for State Level NSS Camp	National	Nill	1	9460-9198-0200	Mr Aniket Aagre

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

Student Council of the institution is constituted as per the provision in 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 2016. The Student Council Committee headed by Principal follow the entire procedure as per the notification issued from the affiliating university. NOTE: Student's Council was not constituted for the academic year 2019-20, since the Government of Maharashtra has cancelled the election/selection of Student's Council The institution focus on participatory and experimental learning process. Though the student council was not constituted for the academic year-2019-20, based on the previous year records, the institution has nominated the active students for representation in different committees. The institution has provided the platform to the students for expressing their views in academic and policy and strategy development and deployment. The student member have taken initiatives in the organization of various academic, co-curricular and the cultural activities. Different departments have constituted societies for the respective subject from among the students. 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-2019-2020: Academic activities: Student members have taken initiatives for the 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. The student societies were inaugurated and organized various academic activities. 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. They have also participated and donated the blood on the occasion of blood donation camps. NSS

Activities: NSS volunteers have actively participated in plantation programme, exhibition, and One-day camp for cleaning the campus, Swacch Bharat Abhiyan, blood donation camp as well as the 07 days residential camp at Bhojapur village. 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, tree Plantation Raksha-bandha, 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:

154

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

260000

5.4.4 – Meetings/activities organized by Alumni Association :

The institution has informal alumni association and we planned to register the association. Event: Alumni Meet-2019 Date: 28th December, 2019 Objective: The alumni were invited for the alumni meet on the occasion of Birth Anniversary programme of Dr. Panjabrao alias Bhausaheb Deshmukh, Founder President, Shri Shivaji Education Society, Amravati. The meet aimed to facilitate, consolidate and coordinate the alumni activities and to obtain feedback about the institution. Participation: All the existing office bearer of alumni association and other 49 alumni have participated Agenda: ? Confirmation of the proceeding of previous meeting ? Updating database ? Interaction with the alumni for future plans and raising of funds ? Approval of donation ? Formation of new Executive Body ? Vote of thanks Outcomes: The Alumni meet organized was fruitful having the positive interaction with the alumni. Received constructive suggestion from the alumni regarding the overall development of the college. Proceedings: 1. Inauguration: Alumni meet was inaugurated by lighting the divine lamp by the hands of Principal and in august presence of the Office Bearer of the Alumni Association 2. Welcome note: The meeting begun with the floral welcome of all the alumni and the by the Convener of the Alumni Association Committee. The IQAC coordinator explained the objectives of the alumni meet and expected from them the constructive suggestions and the services towards the institution. 3. Confirmation of the minutes of previous meeting: Proceeding of the previous meeting was read and approved by the members without any objections raised. 4. Approval of the donation received during the academic year: The donation of sum of Rs. 260,000/- have been approved by the association. 5. Appreciation of the Alumni: The donor alumni members were appreciated for their generous help. 6. Generation of funds: The alumni have discussed thoroughly and decided to raise the funds to render the services towards the students and the institution. 7. Constitution of the executive body: New Executive Body constituted unanimously from among the members present. The executive body is as follows: Executive Body: • President : Mr. Dhananjay Balpande • Vice-President : Mr. Shankar Bhiwgade • Vice-President : Ms. Kalawati Chute • Secretary : Mr. Vishal Ingole • Treasurer : Ms. Kalpana Rahile • Members : Mr. Satish Lepse : Mr. Umesh Motghare : Mr. Virendra Thongase : Mr. Hemant Umate : Mr. Ajay Tirsagade : Ms. Aruna Ingole 8.

Floral welcome of the new office bearer: The convener declared the names of all office bearer and the new executive body was welcomed by the Principal 9. Vote of thanks: The newly nominated secretary have proposed the vote of thanks towards all the members present and also to the institution for providing them the sound platform for making it possible to recollect their memories. The meeting was over and was followed by the lunch offered by the institution.

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 system, the institution has mechanism for delegating responsibilities and the authority to various functionaries. The Executive Body of the parent organization formulates the strategic decisions broadly based on the vision and mission defined and the road map ahead. The decisions taken by the parent organization is mandatory to follow to the institution. 1. The parent organization is liberal with the institution to prepare the strategic/action plan as per the need in order to achieve short term and long term goals towards the academic excellence. It also delegates the academic and operational decisions to be taken at the institution level, however, the plan has to be put on table in the meeting of College Development Committee (CDC) for discussion and final approval. The strategic policies are determined democratically by accepting the views and recommendations from IQAC and other committees constituted for distribution of the academic and administrative works for the smooth functioning of the institution. The strategies are thoroughly discussed in the staff council meetings held as and when required. The institution trusts in taking the inputs from all the stakeholders. In all important matters pertaining to day to day functioning as well as long run development, the teaching, non-teaching staff, and the students are always taken into confidence. The institution has provided full liberty to each and every department to prepare and submit the proposal for organizing academic events. The departments are allowed to organize student's seminar, group discussions, outreach programmes, exhibitions, excursions and study tours. 2. Staff council discussed on the priorities and all financial matters and the decisions taken are executed through the well-established purchase committee by following the proper protocols. The purchase committee deals with the purchase of capital equipment, chemicals, apparatus, furniture, infrastructure augmentation, books and all other matters. 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. Students are nominated in different committees so as to involve in formulation of policies and in decision making mechanism to fulfil the vision and mission of the institution. The IQAC has the representation of teaching staff, non-teaching staff, representative from executive body of the parent organization, alumni, students, administration, representations from the society, industries etc. Alumni, student member 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
Curriculum Development	Curriculum development is outside the purview of the institution, being affiliated to RTM Nagpur University, The affiliating university is authorized to design and develop the curriculum through BOS in various subjects, and the finalized syllabus is communicated to all the affiliating institution for uniform implementation. However, the elected or nominated faculty members of the institution are involved in the discussion and drafting of the curriculum. Modification in the curriculum is discussed at the departmental meetings and constructive suggestions are communicated to the concerned authority at the university. The faculty members are actively participating in discussion on review of curriculum. The course content, scope of the four 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.
Teaching and Learning	The institution believes in interactive, participative and experimental as well as skill oriented teaching-learning process. IQAC encouraged the faculty members for the use of 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.
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 popularly known as "Pawan Pattern" which incorporates the conduct of internal examinations viz. unit tests and the terminal examination, and its 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. Student's seminar and conduct of unit tests after the completion of each unit is made compulsory to all faculties by IQAC. Answer sheets of unit tests, terminal examination 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.
Research and Development	Till date the institution is not having PG courses and recognized laboratories for carrying out the research at the institutional level. Almost 98 of the faculties have acquired 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 supervising three research scholars. One of the faculty have been awarded post-doctoral fellowship from UGC, whereas, the other women faculty received post-doctoral fellowship from DST. The teaching faculties are actively engaged in publication of research work in the reputed journals. The institution has collaborations with the reputed laboratories in the periphery of Nagpur and other adjoining Universities 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.
Library, ICT and Physical Infrastructure / Instrumentation	The departments have been provided with ICT tools required for teaching-learning process. All the departments have 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. Two classrooms are with ICT enabled tools. Library software, LIBMAN have been updated. 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. Botany and Zoology laboratories have been renovated.
Human Resource Management	The parent organization recruited 5 full time permanent faculties in different subject after getting sanctioned for partial fulfilment from the government authorities. Recruitment process was strictly in accordance with the rules and regulations laid down by UGC and state government directives. Recruitment process is systematic, highly rigorous and absolutely transparent. However, in order to avoid the academic loss of the students, vacant posts were filled from, eligible candidates on CHB. The permanent and all the CHB teachers were assigned different works based on their capabilities. IQAC constituted seven criteria committees for the collection and compilation of the data for AQAR preparation. Senior faculties were given responsibility to coordinate the criteria committees whereas, other faculty members and the teachers on CHB were designated as members. The available faculty members and the non-teaching staff were involved in the preparation of reports and other documents required.
Industry Interaction / Collaboration	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). National seminar on conservation of honeybees was organized in collaboration with KVIC and other academic institutes, on the eve of World Honeybee Day. The institution has given training to 25 bee keeps and also distributed 250 bee hives sponsored by KVIC under honey mission. The students enrolled for certificate course in sericulture have visited Satpura Women Silk Producer Company, Padher, Dist, Baitul (MP) for getting acquainted with the mulberry garden management, chauki raring, silk reeling, etc. The institution also organized workshops for career guidance in collaboration with Narayana Academy, Nagpur. Research student have been registered at recognized laboratories of RTM Nagpur University Nagpur
Admission of Students	Last Staff Council meeting in the previous year discussed about the admission process and reconstituted the Admission Committee. Prospectus Committee prepared the updated prospectus with entire detail of schedule of examinations and is made available for students in soft and hard copies. Reconstituted Admission Committee meet at several times for discussion and finalization of the fee structure and rules and regulations as per the guidelines of the affiliating university. The institution has advertised the admission open through display of banners and publication in 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.

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

E-governace area	Details
Planning and Development	Based on the inputs from different sections and the priorities, perspective plan for the next academic session has been prepared by IQAC and

	uploaded on the institutional website. The institution introduced four skill based short term courses. The IQAC has been reconstituted and started collection and compilation of data for pending AQAR. The IQAC decided to organize workshops new methodology of assessment and accreditation by NAAC. It was also planned to organize students' gathering and 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 mails, text messages and 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 carried through online mode. Event related documents and the pictures are uploaded on the institutional website. Administrative documents are communicated to the parent organization. In all 36 different committees were reconstituted for smooth functioning of the academic and administrative work. Training programmes were organize for the office staff for use of internet and the other technological aids. Campus is under CCTV surveillance.
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 pertaining with details has been prepared by the Prospectus Committee and same was made available to the students. It 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	In order to facilitate an efficient, speedy and transparent process of disseminating information related to university examination, the institution has separate 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, uploading the 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. During the Covid-19 pandemic and nationwide lockdown, the institution conducted theory and practical examination through online mode.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Nil	Nil	Nil	Nill
2020	Nil	Nil	Nil	Nill
[View File](#)				

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)
2019	NACC Revised Ac creditatio n Framewor k-Issues and Challenges	Nill	13/07/2019	13/07/2019	Nill	Nill
2019	Nill	Training Program on Time management and stock maintenanc e	04/08/2019	04/08/2019	Nill	6
2020	Workshop on Promoti	Nill	04/03/2020	04/03/2020	14	Nill

| 2020 | Nill | Training on Procurement of Computer Equipment's | 21/03/2020 | 21/03/2020 | | Nill | 8 |

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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
Nil	Nill	Nill	Nill	00

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
5	5	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 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	• 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	• 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 is monitored by the institution and by the 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. Financial Auditing: At the end of each financial year the institution undertake internal audit of all accounts. The finances and external audit is carried out by Rathi and Rathi Co, 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 College Development Committee (CDC). It was approved by the CDC after compliance with the suggested modification.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management, Philanthopists, Alumni and Government organization (KVIC))	17789020	Construction, Development and Outreach
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6.4.3 – Total corpus fund generated

00

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	Nil	Yes	IQAC
Administrative	No	Nil	Yes	IQAC

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

* Organized Principal's Address for making the students aware of the institution. Parents were also invited. • Constituted Parent-Teachers Forum • Obtained feedback from the parents • Discussed several issues pertaining the initiation of new skill based courses.

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

* Continued tea club facility for staff in the college premises • Organized training programme for non-teaching staff • One day orientation programme organized for CHB • Encouraged the research scholars for manuscript writing and publication of papers • Organized four one day workshop for understanding the new framework of assessment and accreditation by NAAC

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

1. Organized training programmes for teaching and non-teaching staff 2. Continued E-governance practices 3. Mentor-mentee system continued 4. Continued circulation of self-prepared notes and study material through Whatsapp group 5. Further extension in outreach activities 6. Collection and analysis of feedback from employer, alumni, students and parents 7. Continued three skilled based short term courses and introduced additional one 8. Regular submission of API-PBAS forms from all the faculty members

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
2019	National level Seminar on Conservation of Bees	20/05/2019	20/05/2019	20/05/2019	110
2019	Design and development of instituti onal website	01/06/2019	01/06/2019	30/06/2019	450
2019	Preparation of uniform boards and name plates	05/08/2019	05/08/2019	10/08/2019	32
2019	Mass tree plantation programme	18/08/2019	18/08/2019	18/08/2019	230
2019	Training programme on Bee Keeping for farmers	23/08/2019	23/08/2019	27/08/2019	25
2019	One day	14/09/2019	14/09/2019	14/09/2019	350

		13/10/2019	13/10/2019	13/10/2019	25
2019	workshop on SSS				
	Distribution of 250 bee hives to farmers				
2019	One day workshop on Bee Keeping for farmers at Keshori village	07/12/2019	07/12/2019	07/12/2019	60
2020	One day workshop on Mulberry Sericulture	28/01/2020	28/01/2020	28/01/2020	30
2020	National awareness programme on "Built the Enterprise of your dream"	20/02/2020	20/02/2020	20/02/2020	112
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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	16/08/2019	16/08/2019	123	44
Seminar on gender sensitization	10/09/2019	10/09/2019	128	52
Savitribai Phule Birth Anniversary	14/01/2020	14/01/2020	84	46
Seminar on Women Empowerment	14/01/2020	14/01/2020	120	Nill
Protection of Women from Domestic Violence Act-2005	20/02/2020	20/02/2020	116	Nill
Women's Day Celebration	09/03/2020	09/03/2020	156	Nill

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. At moment, 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 Department of Botany and Zoology participated in wildlife week organized by forest department. IQAC organized tree plantation programme in different places of the town as per the directives of State government regarding "Van Mahotsav". Department of Botany and Zoology organized guest lecture on the eve of the World Environmental Day. Use of plastic in college premises is strictly banned. Rain harvesting system has been established in the premises. Cleanliness of the campus is regularly monitored and unwanted plants like weeds were removed through NSS activities.

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nill	1	18/08/2019	01	Van Mohotsav-2019	Importance of plants and forests	124
2019	1	1	23/08/2019	05	Beekeeping Training Programme	Training on Beekeeping	25

2019	1	Nill	22/08/2019	01	Yuva Mahitidut	Contribution of youth to the society	125
2019	1	1	02/10/2019	01	Swachchhata Abhiyan	Health and sanitization	65
2019	1	1	01/10/2019	07	Wildlife Week	Wildlife conservation	150
2019	1	1	13/10/2019	01	Honey Mission	Distribution of Honey Bee Hives	25
2019	1	1	07/12/2019	01	Workshop on Beekeeping at Village Kesori	Training on Beekeeping	60
2020	1	1	28/01/2020	01	Workshop on Mulberry Sericulture	Training on Mulberry Sericulture	30
2020	1	1	20/02/2020	01	Workshop on National Awareness Programme	Entrepreneurship Development	112

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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	26/01/2020	Code of Professional Ethics Conduct, along with Functioning Guidelines for various stakeholders of the institution like Governing Body, Principal, Librarian, Teaching Staff, Non-Teaching Staff has been prepared and published. Code of for students incorporated in the prospectus. Every department and office of the institution has its

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2019	21/06/2019	75
Lokgeet of Annabhau Sathe	01/08/2019	01/08/2019	153
Van Mohotsav-2019	18/08/2019	18/08/2019	124
Yuva Mahitidut	22/08/2019	22/08/2019	125
Beekeeping Training Programme	23/08/2019	27/08/2019	25
Wildlife Week	01/10/2019	07/10/2019	150
Swachchha Bharat Abhiyan (Mahatma Gandhi Birth Anniversary)	02/10/2019	02/10/2019	65
Distribution of Honey Bee Boxes	13/10/2019	13/10/2019	25
Constitution Day	26/11/2019	26/11/2019	73
National Science Day	28/02/2020	28/02/2020	135
[View File](#)			

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

1. Tree plantation drive during Van-Mohotsav-2019
2. Organized Cleanliness Drive under Swatch Bharat Abhiyan by IQAC and NSS unit
3. Strict implementation of plastic ban in the college premises
4. Proper reuse of wastewater for watering plants in college premises
5. Removal of weeds and unwanted plants from the campus and used for vermicomposting.
6. Staff and students actively participated in the awareness rally organized during Wildlife Week.

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. Objective of the Practice: Improvement of students' performance through participatory and experimental teaching-learning process and Continuous Monitoring and Evaluation (CME) is the main focus of the institution. It also aimed to encourage the students for participation in various academic activities. 3. The Context: The institution conducts unit tests, terminal examination, student's seminars as well as providing topics for home assignments. Student's performance continuously monitored. In order to develop confidence, the students are involved in various activities. 4. The Practice: Admission process is transparent and on merit basis at the entry level. Parents and the students invited for Principal's address introduction. Departmental profile presented by HODs. Librarian presented available library services, whereas, IQAC coordinator

given information on overall progress and strength of the institution. Activities conducted during first fortnight of starting teaching are the organization of performance test for the first semester students, providing syllabus, revision of subject knowledge and identification of slow and advanced learner. Students are provided with notes, question banks and study material either in hard or soft copies. Continuous Monitoring System includes conduction of internal examination and timely evaluation. Student's performance is assessed through unit tests, group discussion, student's seminars, assignments and ability to answer the short questions. Evaluation of internal examination and assignments is carried out in schedule time and answer sheets are returned to students. Examination section organized terminal examination before final examination. Workshops for competitive examination and career guidance was organized. Subject related topics were given to final year students to conduct the survey and submission of report under the supervision of faculties. For identification of slow and advanced learner, IQAC organized MCQ based performance on curriculum of qualifying examination. Slow learners were given more attention. Practical modules are demonstrated by teachers during practical session and test practical examination has also been conducted. At the end of academic session, terminal examination was organized to assess the improvement students. 5. Evidence of Success: Regular monitoring and conduction of internal examinations resulted in improvement of results of final examinations. It helped in building confidence of students in facing final examination. Personal motivation and organization of co-curricular activities resulted in improvement in aptitude of students and their personality development. Improvement of the result is evident from following table. Final Year College Topper Students (2019-20) Sr. No. Name of Students Year Group Distinction Percentage 1. Mr. Darshan D. Kathane S-2020 CBZ CBZ 75.00 2. Ku. Vaishanavi D. Bhoge S-2020 CBZ CBZ 74.74 3. Mr. Ajay L. Mesharm S-2020 PCM PCM 73.85 4. Ku. Aishwarya R. Dahiwale S-2020 CBZ CBZ 72.37 5. Ku. Mansi S. Thaawakar S-2020 PCM PCM 71.40 6. Mr. Vaibhav D. Khobragade S-2020 PCM PCM 71.18 7. Ku. Pratiksha M. Patil S-2020 PCM PCM 70.88 8. Ku. Monika R. Jibhakate S-2020 PCM -- 69.33 9. Ku. Yogita M. Shendre S-2020 PCM -- 68.11 10. Ku. Vaishali R. Chintalwar S-2020 PCM -- 66.81 11. Ku. Rucika V. Motghare S-2020 CS -- 66.18 12. Ku. Niru G. Hemane S-2020 CS -- 66.14 13. Mr. Pranay P. Thote S-2020 CBZ -- 65.81 14. Ku. Reshma M. Lanjewar S-2020 CBZ -- 65.59 15. Mr. Dnyaneshwar V. Atram S-2020 PCM 65.37 16. Ku. Prachita T. Girhepunju S-2020 PCM -- 65.22 17. Ku. Vaishanavi A. Fating S-2020 PCM -- 65.18 6. Problem Encountered and Resources Required: Since working in rural area we encountered with ? Low transportation facility in remote area ? Area with low industrial density ? English as language barrier ? Students from economically weaker section could not afford the paid education and costly study material. 7. Notes (Optional): Pawan Pattern methodology helped in participatory and experimental teaching-learning process. The methodology devised by the institution has resulted in attracting the students. It has been useful in building self-confidence of the students and accountability towards the society. Best Practice-2 1. Title of the Practice: 'BEE WITH FARMERS' 2. Objective of the Practice: 1. To increase the agricultural production by providing pollination services. 2. Generation of employment opportunities for the youth. 3. Promotion of organic farming practices 4. To reduce application of synthetic fertilizers and hazardous pesticides. 5. To provide scientific information to students and farmers of the area through training programme on bee keeping 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. Farmers and tribal youth of this region are facing the problems in terms of employment opportunities, low income which leads to migration towards urban area. The adjoining area remain underdeveloped and is recognized as low industry density area. Rapid industrialization, indiscriminate use of pesticides, monoculture, and deforestation led to

decrease in pollination agents' viz. insects in general and bees in specific 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 survey in two Talukas, Pauni and Lakhandur and intervened the farmers. After getting acquainted, the faculties conceived an idea for providing the scientific information to farmers regarding bee keeping and its usefulness in agricultural production and employment generation. The faculties started meeting and discussion with farmers and collected the information of several farmers and asked them join with the movement. 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 area has 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, effort was taken by faculties to bring the awareness in the masses about potentials of beekeeping. Several NGOs and government organization joined the movement that resulted in recognizing our institution as one of the vital center for helping farmers in uplifting their agricultural productivity through bee keeping. Being farmer oriented, the practice has been named as "BEE WITH FARMERS". 4. The Practices: Since 2014, the institution is engaged in awareness, training and extension of beekeeping in rural area of Bhandara district and other parts of Vidarbha region with the aid of different agencies. The institution as a center of resources and expertise engaged in following activities. 1. Assistance for Beekeeping: Institution provided technical assistance and resource persons for beekeeping training programme organized for the farmers on handling, maintenance of bee colonies and harvesting honey. 2. Organization of seminars: National Seminar on Conservation of Honeybees organized by the institution in collaboration with government organization, KVIC to bring awareness about beekeeping. 3. Procuring financial assistance: The institution also helps the farmers for the receipt of financial assistance from different NGO's and government organization, KVIC. 4. Providing bee colonies to the farmers: Bee colonies was also provided by the college to the farmers whenever required. 5. Organization of awareness workshops: Organized one day awareness workshop importance of bee keeping. 5. Evidence of Success: The farmer centric practice employed by institution is recognized in short period that resulted in enhancement in number of farmers joining the mass movement. Demand for procurement of bee colonies is continuously enhanced. Other academic institutions have also invited our expert faculty for the seminars and workshops. We received overwhelming response from farmers and youth as they noted enhancement in agricultural production of several crops. Majority of the farmers started beekeeping in their fields. Farmers have also started extracting and selling the naturel honey. Institutional potential has been recognized by KVIC and recommended to submit proposal on Cluster Development under SFURTI programme of MSME. Accordingly, the proposal of initial outlay of sum of Rs. 2.5 crore has been submitted and is in pipeline. Two of the research students are also doing research on related aspects. Department of Zoology engaged in following activities: 1. Organization of workshop and seminars 2. Frequent interaction with farmers and data collection 3. Sharing useful outcome of the results obtained through experimentation 4. Assistance for Beekeeping Department of Zoology is involved in following activities Different Bee-keeping/Training Programs Organized by Institution (2019-20)

Year	Date	Duration (Days)	Name of initiative	Issues addressed	Number of participating students and staff
2019	23-27 Aug, 2019	5	Beekeeping Training Programme	Training on Beekeeping	25
2019	12/10/2019	1	Guest lecture	Basics in Beekeeping	226
2019	13/10/2019	1	Distribution of Honey Bee Boxes	Aid to farmers	25
2019	07/12/2019	1	Workshop on Beekeeping at Village Kesori	Training on Beekeeping	80

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 7. Important to Note (Optional): Scientific data on various yield related parameters from the research experimentation of two research students 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

http://sscpauni.com/pdf/Best-Practices-2019-20.pdf

7.3 – Institutional Distinctiveness

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

The institution is situated in underprivileged remote area. Most of the families of this area belong to low income group that cannot afford 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: • Data collection and preparation for AQAR • Documentation of various activities • Preparation for the third cycle • Organization of departmental visit and Mock visit by IQAC coordinator • Submission of data to AISHE • Organization of performance test • Organization of seminars/workshops/conferences and other academic activities • Continuation of Mentor-mentee system and student's project • Extension of community and corporate activities • Collection and analysis of feedback forms • Submission of proposal for junior wing in science stream and post graduate courses in few of the subjects ? Up-gradation of infrastructure facilities: • Extension of library • Construction of canteen • Construction of elevated entrance gate ? Library enrichment: • Subscription of research journals • Reprographic facility in the library for students • Procurement of library software ? Enhancement in support services: • Enhancement in support services • Organization of guest lectures ? Improvement in Academic activities: • Strengthening of earlier established teaching-learning methodology, "Pawan Pattern" • Publications of books and research articles • Participation in academic activities • Organization of guest lectures • Organization of field visit ? Teaching-learning process: • Teaching-learning process to be made more effective • Focus on participatory teaching-learning process • Organization of student's classroom seminars on the topics from syllabus • Home assignment to the students and its timely evaluation • Organization of unit-wise tests after the completion of each units as a part of Pawan Pattern • Effective use of models and charts during classroom teaching and practical demonstration • Efforts to take for early completion of syllabus before university examination providing more time for the preparation to the students, by conducting extra classes • Preparation and circulation of self-prepared notes to the students • Conduct of college terminal examination • Organization of short and long excursion tours, visit to industry and reputed institution and laboratories ? Community, corporate and outreach activities: • Enrichment in community, corporate and outreach activities to be continued • Awareness to the local community and the students regarding Covid-19 disease caused by Corona virus • Organization of plantation programme with the help of local community and NGOs • Green campus, clean campus activities to be enhanced • Organization of training programme for farmers and students on agro farming, organic farming, bee keeping and vermicomposting activities • Establishment of Soil Analysis set-up by Department of Botany, for analysis of the soil at affordable and low cost for farmers • Organization of gathering of farmers at their villages for making them aware about the availability of soil analysis facility in the institution. • Submission of the proposal to the funding agency for the establishment of centre for extraction of volatile oils and manufacturing of few products containing essential oil as major ingredient. • Visit to the farmers for seeking their help to cultivate the plants containing essential oil such as Ocimum sanctum (Tulsi) Aloe vera and other medicinal plants to provide raw material for manufacturing the products • Extension of vermicomposting and mushroom cultivation activities.