



## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, PAUNI, DIST. BHANDARA (MS)
Name of the head of the Institution		Dr. Vijay Vishwanath Lapse
Designation		Principal(in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07185-255310
Mobile no.		9423384804
Registered Email		sciencecollegepauni@gmail.com
Alternate Email		vijaylepse@gmail.com
Address		Shri Shivaji Education Society Amravati Science College, Pauni
City/Town		Pauni, Dist. Bhandara
State/UT		Maharashtra

Pincode	441910																								
<b>2. Institutional Status</b>																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Rural																								
Financial Status	state																								
Name of the IQAC co-ordinator/Director	Dr. B. S. Rahile																								
Phone no/Alternate Phone no.	07185255268																								
Mobile no.	9890426422																								
Registered Email	bsrahile@gmail.com																								
Alternate Email	avianaaney@gmail.com																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="http://sscpauni.com/pdf/AQAR-2015-16.pdf">http://sscpauni.com/pdf/AQAR-2015-16.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://sscpauni.com/pdf/Ac-Calender16-17.pdf">http://sscpauni.com/pdf/Ac-Calender16-17.pdf</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>C</td> <td>00</td> <td>2004</td> <td>05-May-2004</td> <td>04-May-2009</td> </tr> <tr> <td>2</td> <td>B</td> <td>2.28</td> <td>2012</td> <td>15-Sep-2012</td> <td>14-Sep-2017</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	C	00	2004	05-May-2004	04-May-2009	2	B	2.28	2012	15-Sep-2012	14-Sep-2017
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	C	00	2004	05-May-2004	04-May-2009																				
2	B	2.28	2012	15-Sep-2012	14-Sep-2017																				
<b>6. Date of Establishment of IQAC</b>	30-Apr-2009																								
<b>7. Internal Quality Assurance System</b>																									

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
Empowerment and awareness of youth voters	25-Jan-2017 01	345
Blood donation camp	24-Dec-2016 01	54
Residential NSS camp	12-Dec-2016 07	50
Organization of rally on AIDS awareness	01-Dec-2016 01	240
Organization of awareness rally on the eve of	05-Oct-2016 01	132
Guest lecture on Sericulture	26-Aug-2016 01	250
Career Oriented Course in Chemistry	01-Aug-2016 180	25
Mass tree plantation programme	15-Jul-2016 01	230
One day workshop on	21-Jun-2016 01	280
One day workshop for farmers on	03-Jun-2016 01	110
<a href="#">View File</a>		

**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	Supporting farmers for sustainable agricultural production. Distributed 45 bee hives to farmers @ 75 subsidized rate	Agricultural Technology Management Agency (ATMA), Bhandara	2016 15	168750
Zoology	Sustainable agriculture through honey bee pollination. Distributed 100 empty wooden bee hives to farmers	Agricultural Technology Management Agency (ATMA), Bhandara	2016 15	200000
Zoology	Training	KVIC, Nagpur	2017	600000

	programme for 2000 farmers on Bee Keeping for draught and Left Wing Extremists (LWE) Prone area		30	
<a href="#">View File</a>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	300000
Year	2012
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
? Organized training camps for 2000 farmers from Vidharbha region. Received sum of Rs. 6 lakh from KVIC including Rs. 1.5 lakh consultancy to the institution	
? Organized one day workshop for staff, students and parents on financial literacy	
? Initiatives taken from alumni for donation of books and two water filters to the institution	
? Construction work of two storied extension building with seminar hall, classrooms and lavatories for boys initiated as well as Chemistry laboratory extended and renovated	
? Subscribed journals and purchased new titles of text and reference books with worth of Rs. 54275/-	

[View File](#)

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

Plan of Action	Achivements/Outcomes
Effective teaching-learning method	Frequency of integration of modern tools and technique have been enhanced for effective teaching-learning
Strengthening of Pawan Pattern	Institution's own methodology developed for teaching-learning has been made more result oriented and effective
Organization of guest lectures	Botany, Chemistry, Computer Science and Zoology departments organized guest lectures on various topics
Alumni support	Alumni donated two water filters to the institution.
Proposal for fund generation	KVIC sanctioned Rs. 6 lakh for farmer's training programme. Institution received Rs. 1,50,000/- as nodal agency
Library enrichment	Expended sum of Rs. 54275/- for journal subscription and purchase of new titles of text and reference books
Up-gradation of infrastructure	1. Construction of girl's common room, seminar hall, classrooms, and boy's lavatory almost completed, 2. Chemistry laboratory extended and renovated
Outreach activities extension	Organized 1.Training camps for 2000 farmers from Vidarbha region in collaboration with KVIC, Nagpur, 2. Organized one day workshop for students and farmers on financial literacy
Installation of biometric system for staff	Installed biometric system for daily attendance of staff members
Reconstitution of IQAC	IQAC reconstituted as per recent guidelines of NAAC
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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	2017
Date of Submission	30-Mar-2017
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institution has partially developed Management Information System (MIS). The institution has computerized data base used for proper and speedy functioning of the institution with respect to administrative set up including financial matters, Salaries of the employee, Income tax, Student admission and library functioning. The MIS is used at different levels to collect, process and store data. The aggregated data is disseminated in the form of information needed to carry out the daily operations as and when required. The institution created information system for data management i.e. storage, searching, analysis and further exchange and use by different sections of the institution. We are also working on the concept of minimum use of paper hence most of the data has been preserved in soft copy format and used as and when required.

## 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

Since the institution has permanent affiliation with Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, (Maharashtra), the institution has to follow the curriculum of basic courses designed and developed by the affiliating university. In accordance with the university academic calendar, the institution has prepared the academic calendar for the academic year 2016-17. The academic calendar and the action plan prepared by IQAC is discussed in the first meeting of Staff Council. The suggestions from the faculty members on various issues has been taken in consideration and prioritized the quality enhancement in different aspects of education. The curriculum has been designed and developed by the affiliating university through the Board of Studies in various subjects and notified to the affiliated colleges for uniform implementation. The modification in the curriculum has been carried out as per the directions received from UGC, Department of Higher Education, HRD and AICTE. Framing of syllabus was done based on the needs of the society and the suggestions received from the stakeholders as well as faculty members. The suggestion received from the different faculty members were discussed in the BOS meeting and modified the curriculum as per need by constituting the sub-

committee. Prepared draft of the syllabus by the sub-committee has been finalized and sent to Academic Council through the Faculty meetings for approval. From our institution, Dr. B.D. Gharde, HOD, Department of Chemistry has contributed in curriculum design as an elected member of BOS in Chemistry.

The certificate course in chemistry entitled "Formulation of daily need products and their application" has been initiated by the institution. A committee of subject expert prepared the syllabus of the course and obtained approval from the university. Dr. B.D. Gharde, HOD, Department of Chemistry has monitored the course activities as a Course Coordinator. The syllabus of the UGC sponsored Career Oriented Course (COC) has been prepared considering the local need and to provide the skill to the students in generating employment. We have our own teaching-learning methodology developed in the name of "Pawan Pattern", which focus on following aspects for effective delivery of the curriculum: 1. Healthy discussion on changes/modifications in the curriculum at first Staff Council meeting. 2. Preparation and display of Time Table well in advance, 3. Distribution of workload and the papers to be taught has been discussed in the departmental staff meetings 4. Entire schedule of internal examination such as unit tests and the terminal examination along with co-curricular and extra-curricular activities has been mentioned in the academic calendar and attached with prospectus. 5. Students were made aware well in advance about the content of subject curriculum and also different academic activities such as seminars, assignments, group discussion, field projects, and internal examination. 6. The internal faculties as well as subject experts from other institution has been invited for conducting theory and practical for Career Oriented Course and have been provided with the remuneration as per the UGC guidelines. These planning strategies help us in effective delivery of the curriculum in a time bound manner.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
00	00	Nil	00	00	00

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
<a href="#">View File</a>		

#### 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
Nil	NA	Nil

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

	Certificate	Diploma Course
Number of Students	Nil	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
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00	Nil	Nil
<a href="#">View File</a>		

### 1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Chemistry, Botany, Zoology	40
BSc	Chemistry, Math, Physics	47
BSc	Comp. Science, Math, Physics	18
<a href="#">View File</a>		

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The institution continued the earlier well established system of collection and analysis of the feedback from different stakeholders. The IQAC of the institution has prepared the respective feedback format for teachers, students, parents, alumni and employer by considering different aspects for proper assessment of all the components of the institution. The institution collected the feedback manually from following stakeholders. ? Feedback from Alumni ? Feedback from students ? Feedback from parents ? Feedback from employer ? Feedback of the teachers The institution has manual system of obtaining feedback from different stakeholders. The prepared formats have been provided to the students and parents by the Feedback Analysis Committee duly constituted by IQAC. It was made mandatory to all the students to submit the duly filled feedback format at the time of borrowing the hall ticket for university examination, particularly in the month of March and April. Required number of feedback from parents and alumni was obtained in the last week of December, when the parent teacher meet and alumni meet was organized on the eve of celebration of Birth Anniversary Programme of Dr. Panjabrao alias Bhausaheb Deshmukh, the founder president of our parent management. The employer feedback format for all the teaching and non-teaching staff is filled by the Principal, Head of the institution, towards the end of the academic session before filling the confidential report of all the teaching and non-teaching staff of the institution. The collected feedback format from all stakeholders are handed over to Feedback Analysis Committee by IQAC and asked them to prepare and submit the consolidated report including the observations and the constructive suggestions made by parents and the students. The obtained reports are discussed by IQAC and then in the Staff Council meeting for consideration of the viable and constructive suggestions to be incorporated for the qualitative and quantitative enhancement in different aspects of the institution. The</p>

constructive suggestions sorted out and kept on the table in the meeting of the Local Management Committee (LMC). Based on the need and constructive suggestion with respect to infrastructure augmentation and availing the facilities, the financial budget prepared is kept before LMC for approval and execution. Majority of the students related issues are 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	Computer Science	26	50	26
BSc	Mathematics	60	115	60
BSc	Biology	58	160	58
<a href="#">View File</a>				

### 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
2016	395	Nil	11	Nil	11

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
11	5	4	3	Nil	2
<a href="#">View File of ICT Tools and resources</a>					
No file uploaded.					

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

Each admitted student were provided with the Identity Card. Institution continued earlier implemented mentor-mentee system by IQAC. IQAC procured the list of admitted students after the completion of admission process. IQAC prepared format have already uploaded on the institutional website for general information to the students. The IQAC called the meeting of all the teaching staff and distributed the students in an average with 30-35 students per teacher. We focused on heterogeneity of the group of students during their assignment to the teachers. It was intended to have a good relation and touch of students from different courses with the teachers. All the students were informed about their mentor by displaying the list on the notice board. The mentors have been provided with required number of blank format for obtaining the information of all the mentee assigned to them. The IQAC also informed to all the mentors regarding organization of at least one meeting of their mentee and to constitute social media Whatsapp group for all time availability of the mentors for the resolution of genuine problems raised by the mentee. The mentors have organized meeting of all the mentee in the month of

September, 2016 and interacted with the mentee. The newly admitted students were guided for preparation of the university examination as they being the first to face the university examination. The IQAC collected the concise report from all the mentor at the end of the academic session. The observations noted by the mentors and the recommendation therein were brought to the notice of Principal. The issues like bus stoppage, drinking water facility, issues related to girl's common room and the library were timely resolved by the institution. The final year students were guided for the future career opportunities and motivated them to acquire the higher education in the subject of their interest. 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. To developed to built up 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 different available career options 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 support the mentee to set achievable realistic action plans.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
395	11	1:36

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
22	11	11	Nil	6

### 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
2016	Nil	Nil	Nil

[View File](#)

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Nil	B. Sc. Semester VI	30/04/2017	28/07/2017
BSc	Nil	B. Sc. Semester V	27/10/2016	06/02/2017
BSc	Nil	B. Sc. Semester IV	30/04/2017	28/07/2017
BSc	Nil	B. Sc. Semester III	27/10/2016	06/02/2017
BSc	Nil	B. Sc.	30/04/2017	28/07/2017

		Semester II		
BSc	Nill	B. Sc. Semester I	27/10/2016	06/02/2017
<a href="#">View File</a>				

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

Being affiliated college, the institute has followed examination pattern of the RTM Nagpur University, Nagpur. The institute continued strengthening its own teaching-learning and evaluation methodology, popularly known as "Pawan pattern". It included the conduct of regular unit tests after the completion of each unit and the final terminal examination towards the end of each semester. The students were made aware about the internal examination by providing the tentative schedule in the academic calendar. The duly constituted Examination Committee has worked for preparation of schedule for internal examination and collection of the marks from each of the faculties and preparation of results as well as keeping the record. CIE works on following guidelines: ? Scheduling of internal examination, seating arrangement, question paper setting and appointment of invigilators. ? Attendance monitoring, assessment and submission of marks and communication to students. ? Returning evaluated answer scripts with doubt clearance. ? 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 personal counselling ? Evaluation of the students in seminars, group discussion and home assignments

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

The duly constituted Prospectus and Academic Calendar Committee prepared the institutional Academic Calendar, in accordance with the academic calendar of the university, at the beginning of academic session after taking relevant information from all the departments, library and IQAC. The prepared academic calendar is incorporated in the printed prospectus as well as uploaded on the institutional website. The institution tried to follow the academic calendar by adhering to the scheduled for examination and the other activities. Included within the academic calendar are academic and other activities, tentative schedule of internal and external examination and evaluation. Academic activities are always given priority and all other activities are performed without disturbing the classes. It was aimed to enable each departments to plan for their own programmes and various events as well as to also help the students to plan their academic and co-curricular activities. Regular unit tests of the subjects were conducted after the completion of each unit whereas, the college terminal examination was conducted in the month of March, 2017. University final examination was conducted on the scheduled time. Examination of skill oriented course was conducted well before the university examination with the display of dates on notice board. Meeting of LMC was called in the month of November, whereas, parent-teachers' meet, alumni meet and the students' gathering and sports events were organized in the last week of December, 2016, whereas, physical efficiency test, medical check-up camp was organized in the month of March, 2017.

### 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](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	18	12	66.66
Nill	BSc	Mathematics	48	28	58.33
Nill	BSc	Biology	41	15	36.58

[View File](#)

## 2.7 – Student Satisfaction Survey

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

No Data Entered/Not Applicable !!!

## 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
Any Other (Specify)	180	UGC, New Delhi	1000000	152180
Industry sponsored Projects	30	Khadi and Village Industries Commission (KVIC), Nagpur	600000	600000
Total	210	Nill	1600000	752180

[View File](#)

### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
One Day Workshop on Mulberry Sericulture for Farmers	Department of Zoology	03/06/2016
One day Workshop On financial Literacy	IQAC	06/02/2017
Five Days Beekeeping Training Workshop at Nimbala. Tah. Chandrapur	Department of Zoology	26/02/2017

Five Days Beekeeping Training Workshop at Arjuni (Sadak), Gondia	Department of Zoology	28/02/2017
Five Days Beekeeping Training Workshop at Lakhandur	Department of Zoology	05/03/2017
Five Days Beekeeping Training Workshop at Palandur	Department of Zoology	11/03/2017
Five Days Beekeeping Training Workshop at Kurkheda	Department of Zoology	12/03/2017

### 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
00	Nil	Nil	Nil	Nil
<a href="#">View File</a>				

### 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
00	NIL	NIL	NIL	NIL	Nil
<a href="#">View File</a>					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mathematics	7	3.58
International	Zoology	4	5.06
International	Botany	2	5.63
International	Chemistry	3	5.63
<a href="#">View File</a>			

### 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
Mathematics	4
<a href="#">View File</a>	

### 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Histological Studies On The Ovary In The Beetle, <i>Cybister Tripunctatus</i> Ol. IJRBAT, Vol. V, Issue (3), : 83-89 ISSN 2347 - 517X	K.B.Nagar naik	International Journal of Researches in Biosciences, Agriculture and Technology	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
Histomorphological Studies During Vitellogenesis In Aquatic Beetle <i>Cybister Tripunctatus</i> Ol. (Coleoptera: Dytiscidae) Volume - 6   Issue - 6	K.B.Nagar naik	Golden Research Thoughts	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
Securities issues in E-entrepreneurship	V. V. Lapse	New International Reliable Research Journal	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
Current trends of electronic waste management	V. V. Lapse	New International Reliable Research Journal	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Distt.- Bhandara	Nil
Binachi Type I Hyperbolic Models with	M.S. Borkar, S.S. Charjan and V.V.	Applications and Applied Mathematics	2016	Nil	S.S.E.S. Amt's, Science College Pauni,	Nil

Perfect Fluid and Dark Energy in Bimetric Yheory of Gravitation	Lepse				Dist.- Bhandara	
Cybercrime and Aadhar Linking	V. V. Lepse	New International Insistant Research Journal	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
To Investigate solution of Bianchi type-I string models with dark energy in bimetric theory of gravitation	V. V. Lepse	International Journal of Researches in Biosciences, Agriculture and Technology	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
Inflationary solutions of Bianchi type-I string models with bulk viscous fluid in bimetric theory of gravitation	V. V. Lepse	International Journal of Researches in Biosciences, Agriculture and Technology	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Dist.- Bhandara	Nil
A Study of morphology and Histology of Ovariole of Cybister tripunctatus. Page no. 26-28 Vol.-1, No.2, e-	K.B.Nagar naik	International Journal of innovations in engineering and Science	2016	Nil	S.S.E.S. Amt's, Science College Pauni, Distt.- Bhandara	Nil

ISSN no. 2456-3463						
Beekeeping for pollination-Sustainable approach to enhance the crop yields in Vidarbha region. (2016) Special Issue A6:1 95-197.	Rahile BS, Ghugal SI Gedam PA	International Journal of Life Sciences	2016	3	Department of Botany, Science College Pauni	3
<a href="#">View File</a>						

### 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
Beekeeping for pollination-Sustainable approach to enhance the crop yields in Vidarbha region. (2016) Special Issue A6:1 95-197.	Rahile BS, Ghugal SI Gedam PA	International Journal of Life Sciences	2016	1	3	Science College Pauni, Dist. Bhandara
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	Nill	Nill	Nill
Presented papers	1	2	2	1
Resource persons	Nill	1	Nill	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
One Day Workshop on Mulberry Sericulture for Farmers	Department of Zoology in collaboration with ATMA Bhandara	2	110
International Yoga Day	NSS unit of Institute in collaboration with Patanjali Yoga Centre Pauni	12	118
Gender sensitization Rakshabandhan Celebration	IQAC in collaboration with Viswanshanti Prajapita Brahma Kumaris, Chapter Pauni	12	225
NSS Residential camp at Kodurli	NSS unit and Gram Panchayat Kodurli	12	55
One day Workshop On financial Literacy	IQAC in collaboration with ICICI mutual fund	12	250
Beekeeping Training Workshop at Nimbala. Tah. Chandrapur	Department of Zoology in collaboration with Khadi and Village Industries Commission (KVIC) Bhandara.	2	100
Five Days Beekeeping Training Workshop at Arjuni (Sadak), Gondia	Department of Zoology in collaboration with Khadi and Village Industries Commission (KVIC) Bhandara.	2	295
Beekeeping Training Workshop at Lakhandur	Department of Zoology in collaboration with Khadi and Village Industries Commission (KVIC), Bhandara.	2	455
Five Days Beekeeping Training Workshop at Palandur	Department of Zoology in collaboration with Khadi and Village Industries Commission (KVIC) Bhandara.	2	504
Five Days Beekeeping Training	Department of Zoology in	2	300

Workshop at Kurkheda	collaboration with Khadi and Village Industries Commission (KVIC), Bhandara.	
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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	Nil
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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 activities	Number of students participated in such activities
Constitution Day	IQAC	Making of constitution	12	282
Government of Maharashtra Voters awareness Programme	IQAC	One Day Voter Awareness Programme	12	154
Swachh Bharat Abhiyan (Mahatma Gandhi Birth Anniversary)	NSS unit of the institute In collaboration with Government of Maharashtra	Cleanliness of the Campus	12	135
Wild Life conservation Week	IQAC in collaboration with Forest Department of the MS Government	Wildlife Awareness Rally organized	12	150
International Democracy Day	IQAC	Constitution: The sacred Book	12	158
World Literacy Day	IQAC and NSS unit of Institute	Motivational session on Literacy	12	163
Teachers Day	Student's Council	Teachers: The Pillar of Society	12	225
Gender sensitization	IQAC in collaboration with Viswanshanti Prajapita Brahma Kumaris, Chapter Pauni	Rakshabandhan Celebration	12	225

Anniversary celebrations	IQAC of the institute	Annabhau Sathe Birth Anniversary	12	152
International Yoga Day	Department of Physical Education in collaboration with Patanjali Yoga Center Pauni	Yoga for all	11	118
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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	08	Self	365
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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 institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Research	Sharing of research facilities	Department of Botany, Hislop College, Nagpur	01/05/2016	30/04/2017	02
Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research (CSBR), RTM Nagpur University, Nagpur	01/05/2016	30/04/2017	02
Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research (CSBR), RTM Nagpur University, Nagpur	01/05/2016	30/04/2017	02

Research	Sharing of research facilities	PGTD of Zoology, RTM Nagpur University, Nagpur	01/05/2016	11/02/2017	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
Centre for Sericulture Biological Pest Management and Research (CSBR), RTM Nagpur University, Nagpur	15/03/2017	Recognizing the mutual interest in the field of sericulture and apiculture research for the benefit of students and rural sectors	3
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#### **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
246000	115741

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
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Newly Added
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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 partially)	Version	Year of automation
Cloud Based	Partially	8.0	2012

Library Management System (CBLMS)

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	3083	283537	420	53775	3503
Reference Books	2647	953469	3	500	2650	953969
e-Books	Nil	Nil	Nil	Nil	Nil	Nil
Journals	1	1866	1	Nil	2	1866
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
e-Journals	Nil	Nil	Nil	Nil	Nil	Nil
CD & Video	11	Nil	Nil	Nil	11	Nil
Library Automation	1	35000	Nil	Nil	1	35000
Others (specify)	6	Nil	Nil	Nil	6	Nil

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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
Nil	Nil	Nil	Nil

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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	20	1	1	1	0	2	15	50	5
Added	0	0	0	0	0	0	0	0	0
Total	20	1	1	1	0	2	15	50	5

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

50 MBPS/ GBPS

##### 4.3.3 – Facility for e-content

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

Nil

Nil

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
515500	457416	250200	449134

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, girl's common room, and separate washrooms for staff, girls and boys, meeting room, Principal's chamber, office, examination section, Sports Section and library. POLICY: To ensure maximum benefits of the available infrastructure, the college has policy of considering the reports of various committees. Staff Council discussed the requirements obtained from various departments and the reports obtained from Stock Verification Committee and financial provision for maintenance is approved from management body. The institution ensures optimal allocation and utilization of the available budget for the maintenance and upkeep of different facilities. The institution take care of the cleanliness, hygiene, sanitation, water supply, electricity, security and stationary requirement. PROCEDURE: Planning and financial provisions for the regular maintenance and up keeping of all the infrastructural facilities are discussed in the meeting of Local management Committee (LMC). Most of the maintenance work is carried out by the trained in-house experts as well as outsourced by the appropriate agencies. Furniture and equipment are procured on regular basis as per the requirement. Purchasing is done by the Principal only after the approval of the Purchase Committee. LABORATORIES: ? Logbook, stock register and laboratories are maintained by the Laboratory Attendant under the supervision of HOD. Newly procured instruments are installed by the technical experts of the owner enterprises and calibration is done by the concerned faculties. Chemicals, materials are issued personally to the students by Laboratory Attendant. Stock Verification is carried out towards the end of the academic session. LIBRARY: ? All books are bar-coded and the maintained systematically. Record of issue of books to the faculties and the student is maintained in separate issue registers. Every year new titles are added as per the requirement. Record of the donation of books and other items is properly maintained. Library Advisory Committee meet at regular interval to oversee the requirement and library functioning. Library software are purchased and installed from the authentic firm with the certification of authorization and installation. Students are require to procure 'No Dues' of library before the final examination. Initiated the certificate course in library and information science. SPORTS: ? The playground is utilized for the games and sport events and regularly cleaned by NSS volunteers and labours from outside. Sports materials, kits and the sport uniforms are regularly purchased as and when required. CLASSROOMS AND INFRASTRUCTURE: ? Infrastructure is cleaned on daily basis and collected garbage is disposed of with the help of local government. Damaged furniture regularly replaced. Infrastructure is made termite and pest free. Water tanks are regularly cleaned. Fans, bulbs and electrical appliances are switched off when not needed and the campus is always maintained smoke and plastic free. COMPUTERS: ? Computer machines, electronic devises, Internet, Wi-Fi, and broadband is maintained with outsourced. Only authentic software are installed. Students are not allowed to attach their personal devices and strictly instructed to switch off the computer machines

properly. The institutional website is maintained and periodically updated by the designated faculty and website designer.

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

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Free Ship	23	75319
Financial Support from Other Sources			
a) National	GOI Scholarship	273	1280248
b) International	Nil	Nil	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 implementation	Number of students enrolled	Agencies involved
Remedial coaching for Semester I students in Computer Science and Chemistry	02/02/2017	62	Dept. of Chemistry and Computer Science
Remedial coaching for Semester I students in Mathematics and zoology	20/01/2017	38	Dept. of Mathematics and Zoology
Remedial coaching for Semester I students in Botany and Physics	12/01/2017	42	Dept. of Botany and Physics
Career Counselling	07/01/2017	90	Career Guidance Cell in Collaboration with Aakar Academy for Competitive Exam., Pauni
Guidance for competitive examinations	20/08/2016	112	Career Guidance Cell in Collaboration with Aakar Academy for Competitive Exam., Pauni
Principal's Address	13/08/2016	102	Staff of the College
Yoga and Meditation	21/06/2016	80	Physical Education in collaboration with

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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 passed in the comp. exam	Number of students placed
2016	Career Counselling	36	22	2	2

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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
7	5	8

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

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

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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	Department graduated from	Name of institution joined	Name of programme admitted to
2017	3	B. Sc. (CBZ)	Botany	PGTD of Botany, RTM Nagpur University, Nagpur	M.Sc. in Botany
2017	2	B. Sc. (CBZ)	Zoology	N.H College Bramhapuri, Chandrapur	M.Sc. in Zoology
2017	1	B.Sc. (PCM)	Mathematics	PGTD of Mathematics, RTM Nagpur University, Nagpur	M. Sc. in Mathematics
2017	2	B.Sc. (PCM)	Physics	Government Institute of	M. Sc. in Physics

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

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

Activity	Level	Number of Participants
Rangoli competition	Institutional	12
Flower presentation	Institutional	16
Poster presentation	Institutional	20
Singing competition	Institutional	22
Debate competition	Institutional	12
Elocution competition	Institutional	6
Dance competition	Institutional	36
Drama competition	Institutional	25
Antakshari	Institutional	28
Question quiz	Institutional	24

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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
2017	Prerana NSS State Level	National	Nil	1	12 16 20 22 12 06 36 25 28 24 26 26 22 23 15 14 08 10 18 14 08	Ms. Kalawati Chute

					22 16 10 10 24 30 32 12	
2017	Prerana NSS State Level	National	Nil	1	96361370 5290	Ms. Reshma Bhajipale
2017	Prerana NSS State Level	National	Nil	1	72716852 3507	Mr. Satish Jibhkate
<a href="#">View File</a>						

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

The Students Council Committee has constituted the Students Council for the academic year-2016-2017. The council was constituted as per the Maharashtra Public University Act-2016 (Mah.Act No.VI of 2017), and in accordance with guidelines received from Department of Higher Education, Maharashtra State and notification issued by the affiliating University, under section 76. The nomination of the students were finalized after the scrutiny of the documents.

The Student Council provides an opportunity to students to develop their leadership skills through participation in college administration and other activities. The institution has active Student Council and the students have been nominated in different academic and co-curricular activities. The Student Council expected to perform the undermentioned functions: Functions of Students Council: 1. To coordinate with students in solving their problems. 2. To take initiatives in organization in various cultural and sports activities 3. To help administration to maintain discipline and the clean and green campus 4. Participation in extension activities like, Plantation, Swacch Bharat Abhiyan, Blood donation, Rallies on various occasions, Yoga day, Wild Life week, Welcome and Farewell functions, celebrations of birth and death anniversaries. 5. To organize study tours 6. To help in organization of the one day and residential NSS camps. 7. To provide constructive suggestions to the Principal and the management for overall development in academic, infrastructural, library and administrative set-up 8. To assist the teaching faculties in organization and execution of various student oriented activities. 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-2016-2017: Academic activities: The student council participated in various academic activities organized by different departments. They played vital role in communicating the academic issues of the students with the Principal and the parent organization. Students assisted the teachers in planning, organizing and execution of various student-oriented activities. They also help in coordinating the day to day academic activities at their level. Cultural Activities: The students have enthusiastically taken initiatives and participated in the organization of different cultural events organized by the institution throughout the year and during the social gathering. NSS Activities: NSS volunteers have actively participated in plantation programme, exhibition, and One-day camp for cleaning the campus, Swacch Bharat Abhiyan, blood donation camp as well as awareness programmes on various issues through the dramas and the street play during the 07 days residential camp at Kodurli (Chouras) Games and Sports Activities: Students have actively participated in organization of various games and sports events. Co-Curricular Activities: The student have taken initiatives in

organization of various functions such as Teachers' day, Raksha-bandhan, Wild Life Week, AIDS and Biodiversity awareness programmes, Welcome and farewell functions, World Women Day, Constitution day, Birth anniversaries of national heroes.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

133

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

123000

5.4.4 – Meetings/activities organized by Alumni Association :

The institution has formal alumni association which meet every year and provide their constructive suggestions and also contributed in terms of items and cash. The Alumni Meet-2017 was called on the occasion of Birth Anniversary program of Dr. Panjabrao alias Bahusheb Deshmuk. Event: Alumni Meet-2017 Date: 19th Jan, 2017 Objective: The alumni meet was aimed at facilitating coordination of the alumni activities and obtaining feedback for the overall development of the institution and their contribution. Participation: All the existing office bearer of alumni association and other 18 alumni have participated Agenda: ? Confirmation of the proceeding of previous meeting ? Updating the database of the alumni ? Generation of corpus funds and the fund raising for association activities ? Approval of the contribution by alumni ? Alumni activities planning ? Formation of new Executive Body ? Vote of thanks Outcomes: The alumni have participated very enthusiastically and shared their experiences and the views. They have also decided to contribute to the institution in a constructive way. Proceedings: 1. Inauguration: The inaugural ceremony was completed by the hand of the Principal and the office bearer of the Alumni Association. 2. Welcome note: Alumni were welcomed by offering the floral bouquet and the IQAC coordinator explained the functioning and role of the alumni association. 3. Confirmation of the minutes of previous meeting: Proceeding of previous meeting was confirmed without any objection. 4. Approval of the donation received during the academic year: Considering the need of Ceiling fans, Mr Anand Nikhare, Gangotri Panchbhai,, Nilesh Tulaskar and Anil Kalbande have donated 12 ceiling fans worth Rs. 18000/-. Whereas, other 12 Alumni have donated Rs 1,05,000/- The institution received sum of Rs 1,23,000/- from the alumni during the academic year 2016-17. The contribution of the alumni was approved and they were appreciated for their generosity. 5. Generation of funds: The alumni have discussed thoroughly and decided to raise the funds to render the services towards the students and the institution. 6. Constitution of the executive body: The alumni members decided to constitute the executive body for the next session. All the members have suggested the names of alumni for the different portfolio in order to constitute the new executive body. Executive Body: • President : Mr. Anil Kalbande • Vice-President : Ms. Kalpana Bramahankar • Vice-President : Mr. Satish Lepse • Secretary : Mr. Manoj Warambhe • Treasurer : Mr. Nishant Wahane • Members : Ms. Rajani Telmasare : Mr. Shankar Bhiogade : Mr. Vishal Ingole : Mr. Sandeep Samarth : Ms. Monali Meshram : Mr. Shrinesh Jaiswal 7. 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 Vote of thanks: The newly nominated secretary have proposed the vote of thanks towards all the member

## 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 has been made mandatory for all the institution to follow. 1. The institution has free hand for preparation of strategic and action plans regarding the short and long term goals. The parent organization also delegated the power for academic and operational decisions to be taken at the institution level, however, the plan has to be put on table in the meeting of Local Management Committee (LMC) for discussion and final approval. The institution has constituted 37 different committees for the smooth functioning and distribution of work in the academic year 2016-17. Strategic policies were determined in democratic fashion by discussion on the views and the recommendations obtained from various committees and IQAC. The plan of action was discussed in the Staff Council meeting and finalized based on the priorities of the work. Suggestions received from different stakeholders through feedback has also been taken in consideration. In all important matters pertaining to day to day functioning as well as long run development, the teaching, non-teaching staff, and the students council are always taken into confidence. The institution has provided full liberty to each and every department to prepare and submit proposal for organizing academic activities. The departments are allowed to organize student's seminar, group discussions, outreach programmes, exhibitions, excursions and study tours. 2. All financial matters are discussed in the staff council meetings and the decisions taken are executed through the well-established purchase committee by following the proper process. The purchase committee deals with the purchase of capital equipment, chemicals, apparatus, furniture, infrastructure augmentation, books and all other matters 3. Participatory management in all activities is the key feature of the institution. The teachers, non-teaching staff and the students were involved in different academic and co-curricular activities. The active and suitable students were nominated in different committees and their views and ideas were also considered for defining and execution of policy matters in order to fulfil the vision and mission of the institution. The IQAC has the representation of teaching staff, non-teaching staff, executive body of the parent organization, alumni, students, administration, representations from the society, industries etc. The different committees were performed in proper coordination with each other and the grievances were resolved in timely manner. 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)?

Partial

### 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
<p style="text-align: center;">Admission of Students</p>	<p>Constituted prospectus committee, admission committee and the academic calendar committee towards the end of academic session. Academic calendar prepared has been incorporated in the updated prospectus. Admissions were given as per the rules and regulations finalized by the admission committee.</p> <p>First semester admission started immediately after the declaration of results of qualifying examination. Wide publicity was carried through display of notice, banners and advertisement in local newspapers. Followed transparent admission procedure and reservation policy as per the guidelines. Students were admitted strictly on merit basis with the display of list of registered candidates, general merit list and first and second waiting lists.</p>
<p style="text-align: center;">Industry Interaction / Collaboration</p>	<p>Collaboration with institutions of repute help enhancing the quality of an institution. The institution has limited scope of collaborating with industries as we are working in low industry density area. Department of Zoology has collaboration with NGOs and the government organization, Khadi and Village Industries Commission for services on bee keeping training for farmers and students. Student have visited State Sericulture Centre at Nishti to get acquainted with reeling technology. Faculties have interacted with farmers for promotion of bee keeping and organic farming. Organized seven five days training programmes on Bee keeping in Institution has collaboration with other recognized laboratories for research activities.</p>
<p style="text-align: center;">Human Resource Management</p>	<p>Being the mono-faculty college with science stream courses, the institution has limited number of faculties. The recruitment process is centralized and carried by parent organization. We were unable to recruit new staff due to unwarranted ban on the entire process of recruitment by the state government, however, the CHB teachers were appointed for the academic year. The available human resources engaged in various activities. Coordination has resulted in effective working and fruitful outcome. Teaching faculties are engaged in collection of data and</p>

compilation of reports to be submitted to NAAC. IQAC organized training workshops for the teachers and the non-teaching staff.

Library, ICT and Physical  
Infrastructure / Instrumentation

Institution has two classrooms prepared with ICT enable tools. Each department are provided with computer machines with internet connection and printers. With the encouragement by IQAC, faculty members have enhanced ICT tools for effective and time saving teaching. Library facilities strengthened by computerization and bar coding of all the titles and subscription of research journals. New two storied block with two halls, two classrooms and physics laboratory, worth Rs. 1.5 crore have been completed. Spacious laboratories for Chemistry have been renovated with enhanced capacity of students. Shifting and renovation of computer science and Botany laboratories have been completed.

Research and Development

The institution has limited infrastructure facilities for research activities. Almost 98 of the faculty members are with Ph.D. degrees and are actively engaged in research activities by publications of research articles and guiding to the research scholars for Ph.D. in collaboration with the other recognized laboratories. Four research students are working under the guidance of three faculty members. The institution has provided the basic amenities for the research purpose. The institution has linkages with NGO and government organization that facilitated to organize training programmes for students and farmers. Institution also promoting research by granting study leaves and procuring sophisticated instruments.

Examination and Evaluation

It is aimed to impart integral education of good quality, sound learning and inculcation of moral and ethical values through participatory and experimental learning process. Tentative schedule of all external and internal examination was given to students through academic calendar. The evaluation of all internal examination and home assignment was completed within time and the evaluated answer sheets were returned to the students with specific remarks. Organized group

discussion and students' seminars. Examination committee conducted terminal examination before the final university examination. Record of the examinations have been kept either with departments or with examination committee.

Teaching and Learning

The institution believes in interactive, participative and experimental teaching-learning process. Faculties have used modern teaching tools for effective teaching-learning process and student centric. Organized student's seminar and group discussion, field visits for better understanding to the students. The institution focus on student to identify, discuss and consider changes in their understandings, skills and attitudes. Excursion and study tours have been organized for gaining the practical knowledge to the students. Topic from the curriculum distributed for assignments. Curriculum have been completed well in advance so as to provide more time to the students for preparation in their final examination

Curriculum Development

Curriculum development is outside the purview of the institution, being affiliated to RTM Nagpur University, The affiliating university has develop the curriculum through the BOS in respective subjects, and communicated to all the affiliating institution for uniform implementation. The elected or nominated faculty members are putting the valid suggestions in the BOS of the respective subjects. The Teachers have actively participated in discussion on review of curriculum. The modified curriculum has been implemented in step-wise manner. The committee of the faculty members of the institution developed the curriculum of UGC funded Carrier Oriented Course in Chemistry and approved from university

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

E-governance area	Details
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, 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.

Planning and Development

Based on the priorities, IQAC discussed prepared the plan of work. The working charter has been prepared for the staff and the students and displayed at the visible place. Required documents and the certificates are provided to the students within the time period. Feedback from all the stakeholders are collected towards the end of the academic session and analyzed by the committee. Abstracts of the attendance, progress report and performance of the students, stock verification, API-PBAS formats, confidential reports and other works is done towards the end of the academic session. Two storied new wing with two halls and classrooms completed.

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. Special WhatsApp group created for the paperless and speedy transmission of the information and notices to the staff. Inter-communication of information is done through the mail IDs of the faculty members. Registration, admission, student information, time tables, library services, accounting including salary and expenses is transmitted through online mode. Administrative documents are communicated to the parent organization

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 receive

salary grants from the government. The institution maintains separate accounts for the funds received from other sources as tuition fees, donation, 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 Local Management Committee for approval. Non-salary grants utilized properly and auditing is done by Chartered Accountant Company at Nagpur.

**Student Admission and Support**

Updated prospectus containing all details published in advance. Rules and fee structure decided by the admission committee as per the guidelines. Entire admission schedule displayed on the notice board and strictly followed the transparent procedure and reservation policies of the state government. Admissions were completed as per the given schedule and 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.

**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
2017	Nil	Nil	Nil	Nil
2016	Nil	Nil	Nil	Nil

[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)
2016	Nil	Workshop on	20/12/2016	20/12/2016	Nil	4

		internet fundamentals				
2017	Orientation program on employability skill	Nil	11/01/2017	11/01/2017	9	Nil
<a href="#">View File</a>						

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
UGC-Sponsored Short term course on research methodology	1	05/12/2016	10/12/2016	06
<a href="#">View File</a>				

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

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

6.3.5 – Welfare schemes for

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

## 6.4 – Financial Management and Resource Mobilization

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

Financial management: Financial management and resource mobilization is monitored by the institution and by parent organization. Financial management is supported by the institution strategic plan to achieve the vision and

mission of the institution. Being government funded, major sources of finances are salary and non-salary grants from the 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.

Prepared financial budget is kept before Local Management Committee 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 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 Local Management Committee and the objections raised are taken care of and compliance report is submitted. Resource mobilization: The resource mobilization policy seeks to guide the institution's efforts towards building strong finance to provide sound base for the programmes undertaken. Broadly the resources are utilized for various purposes like administrative, academic, infrastructure development and maintenance and other miscellaneous activities. To ensure proper and optimum use of the resources a strict budgetary control on expenditure is exercised. The prepared budget is kept before the executive body of the parent organization through Local Management Committee and get approved with modifications. Non-salary grants and the other funds are used for administrative and academic as well as for infrastructure development and maintenance.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Individuals and Philanthropists	123000	Donation for development
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

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## 6.5 – Internal Quality Assurance System

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

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

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

- New comer students were addressed by the Principal and staff at the beginning of the academic session. Parents were also called to attend the meeting. Parent-Teachers forum was constituted after the meeting.
- Parent-Teacher meet was organized on 19th January, 2017 and collected the feedback from the parents
- Parents have given constructive suggestions regarding the initiation of skill based courses.
- Constructive suggestion from the parents were considered and assured them to work on the issue raised.
- Initiative taken to inform the parents about the performance of their wards on regular basis.

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

- Tea club in the institution for teaching and non-teaching staff continued.
- Computer training programmes related with employability skills and internet access conducted by IQAC in collaboration with the Department of Computer Science
- One day workshop on financial literacy and investment organized by IQAC for both teaching and non-teaching staff.
- IQAC organized one day workshop on effective speaking.

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

- In order to strengthen the outreach activities, organized training programmes for farmers and in collaboration with KVIC and received sum of Rs. 6 lakh, inclusive of 1.5 lakh as a consultancy to the institution, for training workshops.
- Organized one day workshop on financial literacy for students, staff and parents
- Infrastructure augmentation by construction of two storied wing comprising of big halls, classrooms and physics laboratory as well shifting of chemistry laboratory in renovated space.
- Subscription of subject related journals in the library
- Organized guest lectures by inviting speakers from other institutions
- Incorporated formal mentor-mentee system for all the students
- Sharing of information through Whatsapp group continued
- Collection and analysis of feedback from employer, alumni, students and parents
- Student's project activity at undergraduate level specially for final year students continued
- 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
2016	One day workshop for farmers on "Mulberry Sericulture"	03/06/2016	03/06/2016	03/06/2016	110
2016	One day workshop on "Yoga"	21/06/2016	21/06/2016	21/06/2016	280
2016	Mass tree plantation programme	15/07/2016	15/07/2016	15/07/2016	230
2016	Guest lecture on "Prospectus in sericulture"	26/08/2016	26/08/2016	26/08/2016	250
2016	Organization of awareness rally on the eve of	05/10/2016	05/10/2016	05/10/2016	132

	'Wildlife week'				
2016	Residential NSS camp	12/12/2016	12/12/2016	19/12/2016	50
2016	Blood donation camp	24/12/2016	24/12/2016	24/12/2016	54
2017	Empowerment and awareness of youth voters	25/01/2017	25/01/2017	25/01/2017	345
2017	One day workshop on "Financial Literacy"	06/02/2017	06/02/2017	06/02/2017	120
2017	Training programme for farmers	01/02/2017	01/02/2017	31/03/2017	2000
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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	18/08/2016	18/08/2016	146	78
Awareness programme for women safety and respect	20/08/2016	20/08/2016	126	65
World Aids Day	01/12/2016	01/12/2016	132	53
Role of women in education	04/01/2017	04/01/2017	146	72
Contribution of women in science	28/02/2017	28/02/2017	139	62
Programme entitled He for She	08/03/2017	08/03/2017	143	73

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 college does not use the renewable energy sources. However, the laboratories, classrooms, library and the administrative block of the college

are provided with LED lights. Every attempt is made to minimize the electricity consumption by timely switching off the lights and fans and other electrical appliances when not in use. As a step towards the environmental consciousness, the IQAC in collaboration with Department of Botany has taken initiative to observe the World Environmental Day as well as Earth's day. Under the scheme of government of Maharashtra staff and students were involved in plantation drive and number of plants has been planted in the college premises. Use of plastics by the staff and the students has been strictly banned within the premises.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

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

#### 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
2017	1	1	01/03/2017	05	Beekeeping Training Program at Arjuni Morgaon	Training on Beekeeping	350
2016	1	1	03/06/2016	01	One Day Workshop on Mulberry Sericulture	Scope and Opportunity in Sericulture	110
2016	Nil	1	12/12/2016	01	NSS Camp at Kodurli	Cleanliness and awareness	50
2016	Nil	1	18/12/2016	01	Blood donation	Collection of blood	26

2017	1	1	06/02/2017	01	One Day Workshop on Financial Literacy	Investment in different financial sectors	250
2017	1	1	26/02/2017	05	Beekeeping Training Program at Check Nimbala Tah. Chandrapur	Training on Beekeeping	100
2017	1	1	28/02/2017	05	Beekeeping Training Program at Arjuni (Sadak), Gondia	Training on Beekeeping	295
2017	1	1	05/03/2017	05	Beekeeping Training Program at Lakhandur	Training on Beekeeping	455
2017	1	1	11/03/2017	05	Beekeeping Training Program at Palandur	Training on Beekeeping	500
2017	1	1	12/03/2017	05	Beekeeping Training Program at Kurkheda	Training on Beekeeping	300

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Handbook of Professional ethics and Code of Conduct	Nil	Rules and regulations as well as discipline and code of conduct for students have been narrated by the senior faculty and the Principal at the time of Principle Address. Whereas, the code of conduct for students have been formulated and incorporated in the prospectus

### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Annabhau Sathé Birth Anniversary	01/08/2016	01/08/2016	152
Independence Day	15/08/2016	15/08/2016	231
Teacher's Day	05/09/2016	05/09/2016	225
World Literacy Day	08/09/2016	08/09/2016	163
International Democracy Day	15/09/2016	15/09/2016	158
Wildlife Week	01/10/2016	07/10/2016	150
Gandhi Birth Anniversary (Cleanliness Drive)	02/10/2016	02/10/2016	135
Voter Awareness	18/10/2016	18/10/2016	154
Constitution Day	26/11/2016	26/11/2016	226
International Yoga Day	21/06/2016	21/06/2016	118
<a href="#">View File</a>			

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

1. Organized mass Tree plantation programme within and outside the college premises
2. Use of plastic and hazardous material in the campus is completely banned
3. Segregation and proper disposal of biodegradable waste
4. Regular cleaning of the campus by removing weeds grown after monsoon
5. Participation of students and the staff in various activities during Wildlife Week
6. System of reuse of wastewater for tree plantation
7. Cleanliness drive under Swatch Bharat Abhiyan

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

<p>1. Title of the practice: 'PAWAN PATTERN' 2. Objective of the Practice: To provide a healthy environment and a platform to the students of the rural area to succeed in university examination for enhancement in performance 3. The Context: The students of the college were invited to participate in various academic activities conducted in accordance with their class and the subject category considering their capacity. The practice focus on overall personality development of the students. 4. The Practice: After admission of the students to semester first on merit basis, Principal's address was organized for students and the parents. Facilities available and the departmental activities were explained by heads through PPT. Availability of courses and its scope was explained by IQAC coordinator, whereas, rules and regulation was addressed by the Principal. Subject faculties provided the syllabus at the beginning of the teaching module. The students were provided with self-prepared study material and question bank in hard or soft copies. Student attendance and the performance was monitored on regular basis through continuous monitoring system (CMS). Class tests have been performed after completion of every unit and</p>
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question bank is provided to the students. Surprise test have been organized by individual teachers. The students are categorized as Slow and Advanced learners based on the marks obtained in performance test and the response in classroom.

Extra efforts has been taken for their improvements of the performance by solving their difficulties. Student's seminar on the assigned topics has been organized and monitored. We also organized group discussion on subject related topics. College terminal examination is conducted towards the end of the academic session. Test practical exam is organized to know their improvement for university examinations. Topics from the syllabus have been distributed to the students for assignment, and submitted assignments have returned to the students after timely evaluation and with specific remarks for further improvement in writing skills. All the teachers have demonstrated the practical module during practical session. . 5. Evidence of Success: Improvement in the results of the students has been observed. Also helped in gaining the self-

confidence of the students in participating academic and co-curricular activities, and regular conduction of internal examination resulted in fear reduction for university examination. The percentage of the students admitted to first year is ranged between 50 and 65, however, the well-organized practice has shown excellent enhancement in marks. Organization of extra classes for the slow learner also exhibited improvement in their aptitude. Result improvement can be evident from the following table. College Topper Students of Final Year

Sr. No.	Name of Students	Year Group	Percentage
1.	Ku. Yogita N. Dhawale	S-2017	PCM 83.88
2.	Ku. Kalawati N. Chute	S-2017	PCM 82.88
3.	Ku. Bhumika S. Rawal	S-2017	CBZ 72.00

6. Problem Encountered and Resources Required: Major problems encountered are: Lack of confidence, English as a language barrier in communication and understanding, economic backwardness of the students which could not afford the paid education and costly study material including text and reference books. 7. Notes (Optional): The methodology developed and adopted by the institution under the name "Pawan Pattern" focused on participatory and experimental learning for the students and also building self-confidence among the students

Best Practice-2 1. Title of the Practice: 'BEE WITH THE FARMERS' 2. Objective of the Practice: 1. To provide scientific information to students and the farmers through training programme on bee keeping and its related aspects 2. Aimed to generate employment opportunities for the youth by exploiting the rich local agricultural and forest bio resources. 3. Promoting organic farming practices and reduction in application of synthetic fertilizers and the hazardous pesticides. 4. Enhancement in agricultural production by providing pollination services by beekeeping. 3. The Context: The region has rich natural resources viz. fertile soil, huge forest area, water resources, varied agricultural crop pattern, however the agricultural production per unit area is very low as compared to National average. The farmers and tribal youth of this region are facing the problem in terms of employment opportunities, low income that led to migration towards urban area. The area is underdeveloped with very few small industries located. Due to rapid industrialization, indiscriminate use of pesticides, monoculture and deforestation, the pollination agents viz. insects including bees have been declined significantly that resulted in lowering the yield in several crops specifically oil seeds, pulses, horticultural and vegetable fruit crops. At the beginning, the faculties from department of Botany and Zoology conducted the survey in two Talukas, Pauni and Lakhandur and interviewed the farmers for various causes of low productivity. Thereafter, the faculties from Zoology conceived an idea for providing the scientific information to the farmers regarding bee keeping and their usefulness in agricultural production as well as employment generation. The faculties collected the data on several aspects after discussion with the group of farmers and asked them to join the movement. It was also observed that abundantly available unused pollen and nectar resources, the food for bees can be converted to value added products like honey, wax, pollen and propolis. The locality has tremendous potential for beekeeping which again could be helpful

in generating employment opportunities. The knowledge which could be confined in walls of classroom could be utilized for welfare of society. After considering the facts efforts was taken in collaboration with government and NGOs to bring the awareness in the masses about potentials of beekeeping that has resulted in recognizing our institution as one of the center for helping the farmers in uplifting their agricultural productivity through bee keeping. Being farmer oriented, the practice has been named as "BEE WITH FARMERS" 4. The Practices: In collaboration with different agencies, the institution is continuously engaged in awareness, training and extension of beekeeping practices in rural area of Bhandara district and other parts of Vidarbha. Under the practice, the institution focused on following activities. 1) Workshop and Seminars: Organized workshop on bee keeping practices for farmers and the students. 2) Beekeeping Training Program: The College has organized several five days training programs for the farmers, youth and even for academicians on handling of honeybees and its successful rearing. 3) Assistance for Beekeeping: The faculties have provided technical assistance and skillful guidance to farmers and the students regarding handling, maintenance of colonies and harvesting of honey, etc. 5. Evidence of Success: The practice has been recognized within very short period and received overwhelming response from the farmers. The practice resulted in motivating the youth and the farmers that consequently started bee keeping at their field. The farmers noted the enhancement in agricultural production by keeping the bee colonies in their fields and also reduced the use of synthetic fertilizers and pesticides. The farmers are spreading the positive results of bee keeping to the other farmers who were approaching the expert faculties for providing them the colonies of bees and organization of training programme at their places. The farmers have developed a skill to raise honey bee colonies and selling these colonies to other farmers. They have also started extracting the honey and selling it in the available market. The academicians from other institutions invited for participation in workshops have also started the bee keeping practice at their places and demanding experts from our institution for the training programmes organized at their places. The institution in collaboration with KVIC organized six training workshop, each of five days duration, at different places including Naxal affected eastern part of Vidarbha, and trained about 2000 farmers. Two of the research students are also doing research on the same aspects related with Botany and Zoology. The institution involved in following activities. 1. Organization of training workshop and seminars 2. Frequent interaction with farmers and procurement of financial assistance from different agencies 3. Providing colonies of bee to the farmers and sharing useful information to the farmers In all six training workshops, each of five days duration have been organized by the institution at different places shown in the following table. Date Duration in days Name of initiative Issues addressed Number of participants 26.02.2017 to 02.03.2017 5 Beekeeping Training Program at Tek Nimbala Tah. Chandrapur Training on beekeeping 100 28.02.2017 to 04.03.2017 5 Beekeeping Training Program at Arjuni (Sadak), Gondia Training on beekeeping 295 01.03.2017 to 05.03.2017 5 Beekeeping Training Program at Morgaon Arjuni Training on Beekeeping 350 05.03.2017 to 09.03.2017 5 Beekeeping Training Program at Lakhandur Training on beekeeping 455 11.03.2017 to 15.03.2017 5 Beekeeping Training Program at Palandur Training on beekeeping 500 12.03.2017 to 16.03.2017 5 Beekeeping Training Program at Kurkheda Training on beekeeping 300 5. Problem Encountered and Resources Required: 1. Farmers are economically backward and could not afford cost of bee colonies 2. Social and educational backwardness is hurdle to adopt beekeeping. 3. Farmers are not willing to transform themselves for new technology. 6. Important to Note (Optional): Two college teachers have guided students for their Ph.D. research work in the field of beekeeping, in the subject of Botany and Zoology. Khadi and Village Industries Commission (KVIC) helped to make BEE WITH FARMERS a mass movement in this region.

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-2016-17.pdf](http://sscpauni.com/pdf/Best_Practices-2016-17.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 and remote area with low industry density, where farming is the main occupation of the people. Pauni is one of the oldest city popularly known as Kashi of Vidarbha region due to the availability of number of temples. It is suburban area where most of the families are from backward classes and with low income source. Till 1988, the Taluka was devoid of senior wing Science College and the students from low income group could not afford the costly education available at the district place about 50 km away from Pauni. Considering the need, the parent organization taken initiative of inception of the science stream college in Pauni Taluka in 1988 and is the only institute providing science stream education with three degree courses available to the students of the nearby villages. The college began with very merger strength of students in a rented building now has exhibited qualitative as well as quantitative growth with around 380 plus students and the sufficient two storied infrastructure with well-equipped laboratories, classrooms and the central library, on the own land. Right from the inception, the institution has strong belief in quality education and trying at its level base of providing quality education through the recruitment of highly qualified staff. Though working in remote area with least availability of the facilities, the faculties are actively engaged in research and other academic activities. Few of the faculty members have authored the text and reference books in their subjects. Administrative and non-teaching staff is also supportive to the students and the parents. The institution has gained the name in the adjoining area and is the center of attraction for the students within the Bhandara district. During the course of time the institution has acquired name in terms of quality and performance in teaching-learning aspect. Following the mission of providing quality education at the affordable cost and attempt of overall development of the students of the area, all the components of the institution are putting continuous efforts on the undermentioned aspects: 1. Providing science stream education at low fee structure 2. Providing financial support to the needy and poor students 3. Focus on student's participation in academic and co-curricular activities 4. Timely distribution of different scholarships 5. Book bank facility and study material for various competitive examinations 6. Active counselling and mentor-mentee system 7. Timely resolution Problems and the grievances 8. Well-equipped science and computer science laboratories 9. Frequent use of ICT-based tools 10. Meritorious achievement of the students in university examination. The students ranked first or second through both Bhandara and Gondia districts 11. Organization of student performance test for identification of slow and advanced learner 12. Organization of remedial coaching classes for slow learner and 13. Providing study material and question banks to the students 14. Organization of outreach activities for the students and the farmers. 15. Collection and analysis of the feedback from all stakeholders 16. Active NSS unit of 50 students

Provide the weblink of the institution

<http://sscpauni.com/faculty.php#>

### 8.Future Plans of Actions for Next Academic Year

IQAC in its meeting held on 27th April, 2017 discussed and finalized the plan of

action for the next academic session 2017-2018. ? IQAC: • Reconstitution of IQAC  
• Introduction of Mentor-Mentee system • Introduction of student's project in order to make them aware about the collection of data through survey method, as a positive step towards participatory teaching-learning process. • Strengthening of Internet facility • Up-gradation of surveillance facility through repairing and installation • Documentation of various academic and co-curricular activities for the preparation of AQAR. • Yearly submission of data to All India Survey on Higher Education (AISHE) • Organization of workshops and seminars • Proposal submission for additional section of 120 students. • Introduction of Performance Test for the newly admitted students to identify the advanced and slow learner students • Conducting extra remedial classes for the slow learner. • Organization of training workshops for non-teaching • Planned to have student's social gathering ? Infrastructure up-gradation: • Extension and renovation of laboratories for Botany, Computer Science and Zoology • Preparation of budget estimates for fencing of the entire premises • Cleanliness of the outdoor ground for games and sports activities • Preparation of budget estimates for the renovation and furniture in the meeting room ? Library enrichment: • Purchase of additional titles of the Text and Reference books and journal subscription • Installation of library related software ? Fund generation: • Fund to be generated from philanthropists • Preparation and submission of proposals to different funding agencies • Funds and support services to be obtained from alumni ? Academic improvement: • Strengthening of "Pawan Pattern" for further improvement in results. • Regular conduct of unit test examination • Organization of student's classroom seminar on different topics from the syllabus • Organization of group discussions on various topics • Student's participation in various academic activities • Increase number of books and research article publications by the faculty members • Collection and analysis of feedback from students, alumni, parents and employer • Organization of subject based quiz • Organization of guest lectures on subject related topics by inviting experts and resource persons from other institutions, • Continuation of research activities under the guidance of registered faculties. ? Teaching-learning process: • Strengthening of ICT facility • Incorporation of modern tools in teaching-learning process • Teaching-learning to be made more effective and learner centric • Participation of students in student's seminars and group discussion • Planning for organization of visit to industries, reputed laboratories for making the students aware of the recent development in science and learning of working of various sophisticated instruments • Organization of short and long excursion tours as well as field survey ? Enrichment of outreach activities: • Strengthening of farmer oriented programmes • Organization of training workshops and seminars for farmers • Organization of blood donation camps • Organization of collaborative activities for local communities • Organization of rallies on occasion of various national level programmes • Organization of short and long NSS camps