Yearly Status Report - 2015-2016

Part A	
Data of the Institution	
1. Name of the Institution	**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, PAUNI, DIST. BHANDARA (MS)**
Name of the head of the Institution	**Dr. Vijay Vishwanath Lepse**
Designation	**Principal(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	**Khapri Road, Pauni, Dist. Bhandara**
City/Town	**Pauni**
State/UT	**Maharashtra**
Pincode	**441910**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. B. S. Rahile**
Phone no/Alternate Phone no.	**07185255568**
Mobile no.	**9890426422**
Registered Email	**bsrahile@gmail.com**
Alternate Email	**aney_avinash10@rediffmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://sscpauni.com/pdf/AQAR_2014-15.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://sscpauni.com/academic-calendar.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**B+**	**2.28**	**2012**	**15-Sep-2012**	**14-Sep-2017**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**30-Apr-2009**

7. Internal Quality Assurance System

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

Career Oriented Course in Chemistry	01-Aug-2015 180	30
Yoga camp	14-Sep-2015 03	210
Training workshop on bee keeping at college	22-Sep-2015 05	60
Blood donation camp	29-Sep-2015 01	26
Voters awareness programme	14-Oct-2015 01	260
Field visit at Nishti sericulture center	29-Oct-2015 01	50
Training workshop on bee keeping at village Rameda	23-Nov-2015 05	30
Residential NSS camp	30-Jan-2016 07	50
Advanced training programmes for farmers on	04-Feb-2016 07	20
Student	15-Feb-2016 14	150
[View File](#)		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Zoology	Advanced Training Programme on Bee Keeping	KVIC, Nagpur	2016 21	53200
[View File](#)				

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

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Organized three advanced training programmes for farmers on bee keeping and sustainable agriculture ? Construction work of two storied extension building undertaken as per the prepared plan ? Collaborative efforts resulted in receipt of fund amounting Rs. 53200/ from KVIC, Nagpur for training programme for farmers ? Steps taken for strengthning Pawan Pattern for result improvement ? Awarded Ph.D. degree to one research student under the supervision of faculty in Chemistry ? Collected and analysed feedback from students, parents and alumni ? Organized guest lectures on various ocassions ? Study tour and field visits organized ? Successfully organized 07 days NSS camp with a unit of 50 students at Khairi Diwan ? Subscribed research journals in the library and added new titles of text and reference books

[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
Restructuring of IQAC	IQAC restructured as per recent guidelines of NAAC
Society oriented activities	Three advanced training programmes on bee keeping organized for farmers and students
Infrastructure up-gradation	Prepared budget estimate approved from parent organization and construction work of two storied extension building initiated
Journal subscription	Subscribed few research journal in the library
Submission of proposals for fund generation	Received sum of Rs. 53200/- from KVIC, Nagpur for training programme on bee keeping
Guest lectures	Organized guest lectures on syllabus based topics and environment and biodiversity
Result improvement	Effective measures taken for further improvement in results
Participatory teaching-learning	Initiated student's project at UG level by assingning survey based topics
Effective teaching-learning process	Enhanced the frequency and number of teachers using modern tools in teaching
Early syllabus completion	Conducted extra classes as well as engaged the classes of the faculty on

	leave for early completion of syllabus
	[View File](#)

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	No
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The institution has partially developed Management Information System (MIS). The institution has computerized data base used for proper and speedy functioning of the institution with respect to administrative set up including financial matters, Salaries of the employee, Income tax, Student admission and library functioning. The MIS is used at different levels to collect, process and store data. The aggregated data is disseminated in the form of information needed to carry out the daily operations as and when required. The institution created information system for data management i.e. storage, searching, analysis and further exchange and use by different sections of the institution. We are also working on the concept of minimum use of paper hence most of the data has been preserved in soft copy format and used as and when required.

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

Science College, Pauni is permanently affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra. The courses offered by the institution are grant-in-aid basis and hence we bind to follow the curriculum designed by the affiliating university. Design and development of curriculum at the University level is solely carried out by the Board of Studies of various subjects.. The curriculum of different subjects are designed by BOS based on the local needs and the demands of stakeholders, the suggestions obtained from

the faculties for modification in the curriculum and also the circulars obtained from AICTE, UGC, and Ministry of Human Resource Development and also from the Department of Higher Education, Government of Maharashtra regarding the utility, modifications in the curriculum. The major modifications in the curriculum is carried out by BOS by constituting the sub-committees, from among the members of BOS. The draft prepared by the sub-committee is kept for discussion in BOS meetings and finally the constructive, viable and appropriate changes are suggested and finally incorporated after getting approved from the Academic Council through the Faculty meetings. The modifications in curriculum are conveyed to the all faculty members through the circular. The designed curriculum having utility not only for the students but also for the faculty members of various subjects. Dr. B. D. Gharde, Head, Department of Chemistry form the institution has been elected as member of BOS in Chemistry. Under the guidelines received from UGC, and our affiliating university, we initiate certificate courses at the college level. The curriculum of three skill based certificate courses initiated at the institution level were design and developed by the committee of experts at the institution and received approval from the affiliating university. The course activities are monitored by appointing one subject faculty as Coordinator. The curriculum and the course itself was designed by considering the local needs and the applicability after considering suggestions obtained from the parents and students. Followings are the measures taken by the institutions for the effective delivery of curriculum: 1. We discuss on the changes/modifications in the curriculum at Staff Council meeting held at the beginning of every academic session. 2. Preparation and distribution of Time Table well in advance, 3. Departmental staff meetings discuss and decides the workload distribution and the papers to be taught. 4. Students are made aware by the entire schedule of examination, co-curricular, extra-curricular activities mentioned in the academic calendar, incorporated in the prospectus. 5. Commencement of the theory and practical classes are displayed on the notice board for staff and students. The content of the curriculum, seminars, assignments, group discussions, unit test and college test examination are communicated to the students well in advance, preferably at the beginning of the teaching activities. 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
Nil	Nil	Nil	Nil	NIL	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill
[View File](#)		

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

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

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
Nil	Nill	Nill

[View File](#)

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany, Chemistry, Zoology	42
BSc	Chemistry, Math, Physics	32
BSc	Comp. Science, Math, Physics	18

[View File](#)

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The institution has well established system of obtaining feedback from all the stakeholders. After through discussion, the IQAC of the college has prepared the suitable feedback formats by considering different aspects and the parameters to be incorporated in the format. Every year the institution obtaining the feedback from following stakeholders. ? Feedback from Alumni ? Feedback from students ? Feedback from parents ? Feedback from employer We have manual system of obtaining feedback from different stakeholders. All the feedbacks are collected manually in written format by the duly constituted Feedback Analysis Committee by the institution. The student's feedback were obtained at the time of distribution of hall tickets for the final university examination, particularly in the month of March. The feedback from parents and the alumni are obtained at the time of parent-teachers meet and the alumni meet, respectively, organized in the last week of December or in the month of January. The employer feedback format for all the teaching and non-teaching staff is filled by the Principal, Head of the institution, at the end of academic session. All the collected feedback are handed over to the duly constituted Feedback Analysis Committee and asked them to analyze and prepare a consolidated report including the constructive suggestions and the recommendations. The reports are discussed in the first staff council meeting held at the beginning of academic session and the viable suggestions are sorted

out to keep on table before Local Management Committee (LMC) for execution of the recommendations. The proposals of finance related matter are forwarded to the governing body for approval and financial support. 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	24	40	23
BSc	Mathematics	60	105	54
BSc	Biology	60	95	57
View File				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2015	369	Nill	11	Nill	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	Numberof smart classrooms	E-resources and techniques used
11	5	4	3	Nill	2
View File of ICT Tools and resources					
No file uploaded.					

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

The institution issues a Student card to each of the students enrolled on campus. The IQAC of the college in its meeting decided to introduce formal mentor-mentee system for all the enrolled students. The IQAC, after thorough discussion have prepared the guidelines on working of the mentor-mentee system and also prepared the suitable format for collecting the general and other relevant information of the students in a specified manner. The prepared format has been uploaded on the institutional website. As per the discussion, mentor-mentee committee have been constituted. The IQAC, after the admission procedure is over, have collected the list of admitted students and based on the number of permanent faculties available, assigned approximately plus minus 30 students to each of the mentor. IQAC have organized orientation workshop of all the mentor and students in order to make the students aware of the introduced mentor-mentee system and also its uniform functioning. The students were informed about their mentor and the list of the mentee along with their mentor was displayed on the notice board. Each mentor have been provided with the required number of blank format for collecting the information of their mentee and also provided with the standardized guidelines prepared by IQAC. The mentors were asked to organize at least one meeting, per term of the academic session, of all the

mentee assigned to them and allow them to discuss their problems in a free environment. However, the interaction with mentee is much more often and the mentee can discuss the issues with his mentor at any free time. The students were also asked to discuss their problems with their mentor and submit the relevant information in a given format along with the issues they are facing about. The mentor-mentee system works on the following guidelines. 1. A relationship designed to build confidence and support the mentee in their given tasks and to help mentee to develop understanding the situation and to accept the challenges. 2. The mentor will be responsible for encouraging the mentee to work towards their own objectives and to provide information on career building and achievements. 3. Provide support and encouragement and offer different perspectives. 4. Mentor is a critical friend help mentee to identify areas for development. And have the opportunity to use his/her experience and knowledge in a facilitative manner to support the development of mentee. 5. Mentor-mentee system is developed to increase self-confidence of the mentee 6. To create an opportunity to think about things in a different way. 7. To review experience and identify objectives, identify strengths and achievements 8. Help the mentee to focus on the future, to identify what different options are open 9. Encourage the mentee to design and action plan which they have to set and encourage them to set SMART objectives. 10. To discuss about the educational and other relevant issues 11. To supporting the mentee to set achievable realistic and stretching action plans. The mentors tried to resolve certain issues of the mentee regarding career

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
369	11	1:34

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	Nill	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
2015	Nil	Nill	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	Nill	Semester V	07/11/2015	11/04/2016
BSc	Nill	Semester IV	30/04/2016	21/09/2016
BSc	Nill	Semester III	07/11/2015	25/04/2016
BSc	Nill	Semester II	30/04/2016	25/09/2016
BSc	Nill	Semester I	07/11/2015	25/04/2016

View File

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

The institute is affiliated to RTM Nagpur University and strictly following the university examination pattern. The institution developed its own teaching-

learning, evaluation methodology, "Pawan pattern". We conduct unit-wise tests after the completion of each unit and college terminal examination towards the end of each semester. The schedules of internal examination and the assessment are communicated to the students and the faculties in the beginning of the semester through preparation of institutional academic calendar based on the university academic calendar. The examination committee framed the guidelines while reforming the CIE to student centric. The framed guidelines focused on: ? Scheduling of internal examination, seating arrangement, appointment of invigilators, setting of question papers as per university pattern, ? Attendance monitoring and time bound assessment and submission of marks to the examination committee, communication of marks to the students. ? Return of evaluated answer scripts to the students for doubt clarification and further improvement. ? Maintenance of data on unit tests in the respective departments, whereas, the records of terminal examination are kept with college examination committee. ? Discussion on results in staff council meetings and obtaining constructive suggestion for further improvement. ? Evaluation of laboratory activities on regular basis by assessment of the students through viva questions, observations after the completion of regular practical activities. ? Student's performance is used for identification of slow and advanced learner and attempts are taken to enhance the performance of slow learners by counselling ? Evaluation of the students in seminars, group discussion and home assignment

---

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

The institution has already constituted the Prospectus and Academic Calendar Committee Academic Calendar is prepared by college at the beginning of each academic year in accordance with the academic calendar designed by affiliating university. The academic calendar is incorporated in the college prospectus and adhere to it in a time bound manner. The same is also uploaded on the web, notice board and the students are apprised of the academic calendar. The academic calendar focus on schedule of each academic and other activities, the tentative schedule of internal and external evaluation. Academic activities are always given priority and all other activities are performed without disturbing the classes. The main purpose of fixing these dates in advance is to enable each departments to plan for their own programmes and various events. It also helps the students to plan their academic and co-curricular activities. The tentative examination dates were decided by the affiliating university and the college was obliged to follow these dates for examinations. The dates of the examinations of skill oriented courses are decided well in advance and displayed on the notice board. The academic calendar mainly incorporated the entire schedule of all the internal and external examinations, the meetings of governing body, parent and alumni meets, schedule of students social gathering, physical efficiency tests and other sports activities. The institution has constituted a committee which looks after the preparation of college prospectus and the academic calendar every year. Academic calendar is prepared by taking relevant information from all the departments, Librarian, Director of Physical education and in consultation with the IQAC.

2.6 – Student Performance and Learning Outcomes

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

http://sscpauni.com/pdf/POs__PSOs_and_COs__Entire_.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage

			appeared in the final year examination	in final year examination	
Nill	BSc	Computer Science	19	13	68.42
Nill	BSc	Mathematics	30	21	70.00
Nill	BSc	Biology	43	34	79.06
			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)

Nil

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
Minor Projects	365	Khadi and Villege Industries Commission (KVIC), Nagpur	53200	53200
		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
Impact of Human Action on Environment	Department of Chemistry	28/02/2015

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

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

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

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

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
Nil	Nil	Nil

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

Name of the Department	Number of PhD's Awarded
Department of Mathematics	1
Department of Chemistry	1

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	2	4.93
International	Zoology	4	1.69
International	Botany	5	3.46
International	Chemistry	2	2.44
International	Physics	1	4.94

View File

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

Department	Number of Publication
Botany (Dr. SI Ghugal)	1
Botany (Dr. AK Aney)	2
Mathematics (Dr. VV Lepse)	3

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Tactona grandis tree bark substrate used for the adsorption of Fe(II) metal ion from aqueous soltuon (pp. 1577-1582	Dr.B.D.G harde	J.E.T.I.R. Vol.3(4) April, 2016	2016	Nill	S.S.E.S. Amt's, Science College Pauni, Distt.- Bhandara	Nill
Survey of poisonous plants of Gondia district of Maharas	Mendhe BS, Aney AK and Nandanwar	Int. J. of Researches in Bioscie nces, Agri culture Technology	2015	Nill	SSES Amravati's Science College Pauni, District Bhandara	Nill

htra state, India, (2015)		(IJRBAT)			(M.S.)	
Storage fungi associated with seeds of Brassica carinata and changes in protein, oil, starch and sugars under the seed storage.(2015) Special Issue (6):19-23.	Ghugal SI	Int. J. of Researches in Bioscience, Agriculture Technology,	2015	Nill	S.S.E.S. Amt's, Science College Pauni, Distt.-Bhandara.	Nill
Pollen analysis of honey samples from different geographic area of Bhandara district of Maharashtra. (2015) Special Issue-3:183-187	Ghugal SI, Rahile BS Bramhankar KB	Int. J. of Researches in Biosciences, Agriculture Technology (IJRBAT)	2015	Nill	Department of Botany, Science College, Pauni, Dist.-Bhandara	Nill
Impact of human action on rapid eutrophication of Kolasur lake of Pauni of Bhandara district.(2015) Special Issue-3:257-261.	Ghugal SI Aney AK	Int. J. of Researches in Biosciences, Agriculture Technology (IJRBAT)	2015	Nill	Department of Botany, Science College Pauni, Dist.-Bhandara (M.S.)	Nill
Studies on Biochemical	Rahile BS,Bangadkar M K,	International Journal of	2016	Nill	Science College, Pauni,	Nill

aspects of Diapause preparation in the Tasar Silkworm, Antheraea myllita D. Under Tropical Climate of Vidarbha Region of Maharashtra India (Page No. 318-326)	Zade S B, Saha R S	Current Microbiology and Applied Science.				Dist. Bhandara, Maharashtra, India	
Beekeeping for pollination-Sustainable approach to enhance the crop yield in Vidarbha region (Page N.195-197)	Rahile B S, Ghugal S I, Bramhankar K B, Gedam P A	International Journal of Life Sciences.	2016	Nill	Science College, Pauni, Dist. Bhandara, Maharashtra, India	Nill
Effect of organophosnourus pesticide, Ekalux (EC 25) on tra saminases activity of Clarus batrachus IJRBAT Vol. II, Issue 7, 260-262	K.B. Nagarnaik	International Journal of Researches in Biosciences, Agriculture and Technology	2015	Nill	Science College, Pauni, Dist. Bhandara, Maharashtra, India	Nill
Study of Bianchi Type VI0 Cosmological Models with a binary mixture of perfect fluid in iometric theory of gravitatio	V. V. Lepse	International Journal of Researches in Biosciences, Agriculture and Technology	2015	Nill	Department of Mathematics, Science College, Pauni	Nill

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

| Evaluation of Bianchi Type VIo Cosmological Models with Dark Energy in Bimeric Theory of Gravitation | V. V. Lepse | International Journal of Researches in Biosciences, Agriculture and Technology | 2015 | Nill | Department of Mathematics, Science College, Pauni | Nill |

View File

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Application of Mangifera indica seed shell for effective adsorption of Fe (II) and Mn (II) from aqueous solution.	Tikaram D Kose, Ashok Gharde, Namdeo Meshram, Bapurao Gharde, Suresh Gholse	Environmental Engineering Management Journal	2015	4	Nill	S.S.E.S. Amt's, Science College Pauni, Distt.-Bhandara

View File

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	13	Nill	Nill

View File

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Beekeeping Training programme (Raneda) 23/11/2015 -27/11/2015	Department of Zoology in collaboration with Khadi and Village Industries Commission, Bhandara	2	46

Voters awareness programme 14/10/2015	IQAC in collaboration with SDO Bhandara	11	200
Vanyajeev Saptah (Wildlife Week) 1/10/2015 7/10/2015	IQAC in collaboration with Forest Department, Gondia	2	150
Blood Donation Camp 29/09/ 2015	College unit in collaboration with Rainbow Blood Bank, Nagpur.	10	26
Beekeeping Training, Science College, Pauni 22/09/ 2015 TO 26/09/ 2015	Department of Zoology in collaboration with Khadi and Village Industries Commission, Bhandara	2	24
Importance of Yoga Yoga Camp 14/09/ 2015 -16/09/2015	Department of Physical Education	11	178
Shaikshnik Kirtan on the occasion of Teachers Day 5/09/2015	NSS unit of the Institute	11	195
Rakshabandhan Celebration 29/08/2015	Institution in collaboration with Viswanshanti Prajapita Brahma Kumaris, Chapter Pauni	11	190
International Yoga Day 21/06/2015	NSS unit of Institute in collaboration with Patanjali Yoga Centre Pauni	11	92
Training On Beekeeping (13/05/2015)	Department of Zoology in collaboration with Khadi and Village Industries Commission, Bhandara	2	50
View File			

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

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

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year				
Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Wild Life conservation Week	IQAC in collaboration with Forest Department of the MS Government	Wildlife Week organized in the college during 1/10/2015 7/10/2015	10	156
Teachers Day	IQAC and NSS unit of the Institute	Shaikshnik Kirtan 5/09/2015	11	195
Gender Issue	IQAC in collaboration with Viswanshanti Prajapita Brahma Kumaris, Chapter Pauni	Rakshabandhan Celebration 29/08/2015	11	190
Anniversary celebrations	IQAC and NSS unit of the institute	Annabhau Sathe Birth Anniversary 1/08/2015	11	186
International Yoga Day	NSS unit of Institute in collaboration with Patanjali Yoga Centre Pauni	Yoga and its Importance 21/06/2015	11	92
Independence Day	Organized by Institute	Flag Hosting and Reading preamble of the constitution 15/08/2015	11	143
World Literacy Day	IQAC and NSS unit of Institute	Motivational session on Literacy 8/09/2015	11	185
International Democracy Day	IQAC and NSS unit of Institute	Democratic structure of India 15/09/2015	11	178
Fitness and Health	Department of Physical Education	Yoga Camp 14/09/ 2015 -16/09/2015	11	206
Community oriented	College unit in collaboration with Rainbow Blood Bank, Nagpur.	Blood Donation 29/09/ 2015	10	26

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	05	Self	05

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	Center for Sericulture and Biological Pest Management Research, RTM Nagpur University, Nagpur	15/01/2015	30/04/2016	01
Research	Sharing of research facilities	Laxminarayan Institute of Technology, RTM Nagpur University, Nagpur	01/01/2015	17/06/2015	01
Research	Sharing of research facilities	PGTD of Zoology, RTM Nagpur University, Nagpur	01/01/2015	30/04/2016	01
Research	Sharing of research facilities	Center for Sericulture and Biological Pest Management Research, RTM Nagpur University, Nagpur	01/01/2015	30/04/2016	01
Research	Sharing of research facilities	Hislop College, Nagpur	01/01/2015	30/04/2016	01

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
Khadi and Village Industries Commission, Bhandara	17/08/2015	Training and Awareness on Beekeeping to the farmers and the students	167
	View File		

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
600000	179241

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Newly Added
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Others	Newly Added
View File	

4.2 – Library as a Learning Resource

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

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

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	3083	283537	Nill	Nill	3083	283537
Reference Books	2460	951919	7	1550	2467	953469
Journals	1	933	Nill	Nill	1	933

Digital Database	1	Nill	Nill	Nill	1	Nill
CD & Video	11	Nill	Nill	Nill	11	Nill
Others(specify)	19	Nill	Nill	Nill	19	Nill

View File

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. A. K. Aney	Basics Of Enzymology	Microsoft Power point presentation	10/02/2015
Dr. A. K. A	Concept Of Apoenzyme, Coenzyme, Holoenzyeme And Co-Factor	Microsoft Power point presentation	21/02/2015
Dr. S. I. Ghugal	Classification of plants	Microsoft Power point presentation	10/08/2015
Dr. S. I. Ghugal	Anatomy of Angiosperm Stem	Microsoft Power point presentation	25/08/2015

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

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

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites

| 281500 | 262985 | 282000 | 91333 |

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. The requirement from departments and Stock Verification Committee are discussed in the Staff Council and financial provision for maintenance is approved from management body. The institution ensures optimal allocation and utilization of the available budget for the maintenance and upkeep of different facilities. The institution take care of the cleanliness, hygiene, sanitation, water supply, electricity, security and stationary requirement. PROCEDURE: The governing body discuss about the planning and financial provision for the regular maintenance and upkeep of all the infrastructural facilities. Most of the maintenance work is carried out by the trained in-house experts as well as outsourced 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. 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: ? Classrooms and all other infrastructure is cleaned on daily basis and collected garbage is disposed of with the help of local government. Damaged furniture are regularly replaced. Entire infrastructure is made termite and pest free with the application of pesticide. Water tanks are regularly cleaned. Fans, bulbs and electrical appliances are switched off when not needed and the campus is always maintained smoke and plastic free. COMPUTERS: ? Repairing and maintenance of computer machines, electronic devises, Internet, Wi-Fi, and broadband is outsourced. Only authentic and certified 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	20	65652
Financial Support from Other Sources			
a) National	GOI Scholarship	271	1258269
b)International	Nill	Nill	Nill
	View File		

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial coaching for Semester I students in Chemistry and Computer Science	18/01/2016	52	Dept. of Chemistry and Computer Science
Remedial coaching for Semester I students in Mathematics and Zoology	11/01/2016	28	Dept. of Mathematics and Zoology
Remedial coaching for Semester I students in Botany/Physics	04/01/2016	32	Dept. of Botany and Physics
Preparation for UPSC examination	30/12/2015	286	Narayana IAS Academy Nagpur
Career Counselling	22/12/2015	100	Aakar Coaching Classes Pauni
Guidance for competitive examinations	19/08/2015	102	Aakar Academy for Competitive Exam., Pauni
Principal's Address	17/08/2015	112	Staff of the College
Yoga and Meditation	21/06/2015	92	NSS unit in collaboration with Patanjali Yoga Center
	View File		

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2015	Pawan Pattern	49	56	2	2

	Competitive Examination		

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
5	**4**	**10**

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
00	**Nill**	**Nill**	**00**	**Nill**	**Nill**

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2015	**4**	**B.Sc. (Mat hematics)**	**Mathematics**	**PGTD of Mathematics, RTM Nagpur University, Nagpur**	**M. Sc. in Mathematics**
2015	**6**	**B. Sc. (Biology)**	**Botany**	**1. PGTD of Botany, RTM Nagpur University, Nagpur 2. Government Institute of Science, Nagpur 3. JM Patel College, Bhandara 4. N.H College Bramhapuri, Chandrapur**	**M. Sc. in Botany**
2015	**1**	**B. Sc. (Biology)**	**Zoology**	**PGTD of Zoology, RTM Nagpur University, Nagpur**	**M.Sc. in Zoology**
2015	**2**	**B.Sc. (Mat hematics)**	**Physics**	**PGTD of Physics, RTM Nagpur University,**	**M. Sc. in Physics**

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
SLET	Nill
GATE	Nill
GMAT	Nill
CAT	Nill
GRE	Nill
TOFEL	Nill
NET	Nill
SET	1
Any Other	2

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

Activity	Level	Number of Participants
Rangoli competition	Institutional	16
Flower presentation	Institutional	15
Poster presentation	Institutional	22
Singing competition	Institutional	24
Debate competition	Institutional	17
Elocution competition	Institutional	16
Dance competition	Institutional	26
Drama competition	Institutional	15
Antakshari	Institutional	18
Question quiz	Institutional	18

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
2015	Prerna 2016	National	Nill	Nill	80362836 6501	Mr. Akash Maindalkar

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

As per Maharashtra Public University Act-1994, in accordance with guidelines of Department of Higher Education, Maharashtra State and notification issued by

the affiliating University, under section 39, the Student Council Committee has selected/nominated the students under different categories after scrutinizing the documents and finally constituted the Student Council for the academic year-2015-2016. Science College, Pauni has active Student council and the students represented in academic and co-curricular activities. Student Council provides an opportunity to students to develop their leadership skills through participation in college administration and other activities. The Student Council expected to perform the undermentioned functions: Functions of Students Council: 1. To listen the problems of the students and to solve them by communication with the Principal and the parent management, 2. To take initiatives in the organization and active participation in various cultural and sports activities 3. To help administration in maintaining discipline as well as the college campus clean and green 4. Participation in extension activities like Voters Awareness Programme, 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 of the social and national heroes. 5. To organize study tours and visits to the industries 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-2015-2016: Academic activities: Student acted as a mediator between teachers and students to share, discuss and solve their academic and administrative problems by disseminating the information to all students. Students assisted the teachers in planning, organizing and execution of various student-oriented activities. They also help in coordinating the day to day academic activities at their level. Cultural Activities: The students have actively participated in the organization of different cultural events organized by the institution throughout the year and during the social gathering. NSS Activities: NSS volunteers have actively participated in plantation programme, exhibition, and One-day camp for cleaning the campus, Swacch Bharat Abhiyan, blood donation camp as well as the 10 days residential camp at Mangali (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:

123

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

66000

5.4.4 – Meetings/activities organized by Alumni Association :

The institution has informal alumni association and every year alumni meet is called on the occasion of Birth anniversary of Dr. Panjabrao Alias Bhausaheb Deshmukh. Event: Alumni Meet-2015 Date: 26th December, 2015 Objective: Institution invited alumni for the Alumni Meet-2015 on occasion of Birth Anniversary of Dr. Panjabrao alias Bhausaheb Deshmukh. It was aimed to facilitate, consolidate and coordinate the alumni activities and to interact with the alumni for feedback for overall development of the institution. It was planned to constitute the new executive body. Participation: All office bearer of alumni association along with 35 alumni have participated Agenda: ? Confirmation of the proceeding of previous meeting ? Database updating of the alumni ? Interaction with the Alumni ? Generation of corpus funds and the fund raising for association activities ? Approval of the donation by the alumni ? To plan and design association services for the students ? To discuss about the organogram and the formation of new Executive Body ? Vote of thanks Outcomes: The meet was enjoyable and worthy as all the alumni shared their views and experiences about the institution. They also shared innovative ideas for the overall development of the institution. Proceedings: 1. Inauguration: The meet was inaugurated by lighting the lamp by the Principal 2. Welcome note: Principal delivered the welcome note after the floral welcome of all the alumni. Objectives of the meet was narrated by the IQAC coordinator with constructive suggestions from the alumni. 3. Confirmation of the minutes of previous meeting: Proceeding of the previous meeting was read and confirmed. 4. Approval of the donation received during the academic year: The donation received in the form of 24 chairs worth Rs. 36000/- have been approved. 5. Appreciation of the Alumni: Ms. Kalpana Bramahankar have donated water purifier system (RO unit) worth Rs. 36000/-. The meet appreciated her generosity and wished the others to follow her. 6. Generation of funds: Raising of the fund for supporting the institution was discussed. 7. 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 : Ms. Kalpana Bramahankar Vice-President : Ms. Gayatri Mundle Vice-President : Mr. Anil Kalbande Secretary : Mr. Satish Lepse Treasurer : Mr. Nishant Wahane Members : Mr. Virendra Thongse : Mr. Vishal Ingole : Mr. Ravi Shende : Mr. Sandeep Samarth : Miss. Chetana Pathode : Mr. Mukesh Bawankar 8. Floral welcome of the new office bearer: The convener declared the names of all office bearer and the new executive body was welcomed by the Principal 9. Vote of thanks: The newly nominated secretary have proposed the vote of thanks towards all the members present and also to the institution for prov

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

In order to have an efficient decentralization system, the institution has mechanism for delegating responsibilities and the authority to various functionaries. The Executive Body of the parent organization formulates the strategic decisions broadly based on the vision and mission defined and the road map ahead. The decisions taken by the parent organization is mandatory to follow to the institution. 1. The institution has been provided liberty to prepare the strategic/action plan as per the need in order to achieve short term and long term goals towards the academic excellence. It also delegates the academic and operational decisions to be taken at the institution level, however, the plan has to be put on table in the meeting of Local Management Committee (LMC) for discussion and final approval. The strategic policies are

determined democratically by accepting the views and recommendations by the IQAC and other committees constituted for distribution of the academic and administrative works for the smooth functioning of the institution. The strategies are thoroughly discussed in the staff council meetings held as and when required. The institution trusts in taking the inputs from all the stakeholders. In all important matters pertaining to day to day functioning as well as long run development, the teaching, non-teaching staff, and the students council are always taken into confidence. The institution has provided full liberty to each and every department to prepare and submit the proposal for organizing academic 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. The institution always trust and promote the culture of participatory management by involving the staff and students in various academic, co-curricular and administrative activities. Students are nominated in different committees so as to involve in formulation of policies and in decision making mechanism to fulfil the vision and mission of the institution. The IQAC has the representation of teaching staff, non-teaching staff, executive body of the parent organization, alumni, students, administration, representations from the society, industries etc. Alumni, student member and the members of the student's council are provided the opportunity to place their views in IQAC meetings. The opinions of the staff members, students are always taken in consideration in defining the policies, framing guidelines and rules regulations pertaining to admission, discipline, grievance redressal, organization of various activities and the library services. For the smooth and proper functioning of the institution, a college runs on decentralized management operative practices, wherein various committees are constituted every year. Along with IQAC, the institution constituted various committees such as Staff Council, Admission Committee, Campus Development Committee, Anti-ragging Committee, Alumni Committee, Student's Council Committee, Campus Development Committee, Grievance Redressal Committee, Prospectus and Academic Calendar Committee, Library Advisory Committee, etc.

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

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
Admission of Students	Prospectus committee prepared the updated prospectus containing all relevant information and was published well in advance. Restructured Admission committee discussed about the rules and regulation of admission as per the guidelines obtained from the affiliating university. Prepared the banner for admission open and also published the advertisement in the newspaper. Entire schedule of admission process displayed on the notice board and strictly followed the transparent admission procedure and reservation

	policies of the state government. Students were admitted strictly on merit basis with the display of list of registered candidates, general merit list and first and second waiting lists.
Industry Interaction / Collaboration	Collaboration with institutions of repute help enhancing the quality of an institution. Being working in rural area, the institution has limited scope for collaboration with industries in the nearby area. However, organized student's visit to the Sericulture Centre in Bhandara district and Honey bee rearing centre at Baitul (MP) and guided for rearing of silkworm and honey bees for the production of tasar silk and good quality natural honey. Organized training workshop on 'Bee keeping' for farmers and students in collaboration with Khadi and Village Industries Commission (KVIC). Registered student for research at recognized laboratories in other institutions at Nagpur.
Human Resource Management	The institution is a mono-faculty science college having limited number of teaching and non-teaching staff. Institution prioritized the recruitment of well qualified staff and majority of the existing staff have acquired Ph.D. degree. Available human resources are utilized by assigning them the specific works and their performance and delivery yielded good result in collective manner. Faculties are engaged in collection of the data for pending AQARs. Computer science department organized training workshops for non-teaching and teaching staff members. Faculties are given free hand for research and the outreach activities. Various committees were reconstituted with the involvement of the contractual faculties.
Library, ICT and Physical Infrastructure / Instrumentation	Available ICT tools are frequently used for effective teaching-learning process by most of the faculties. Each departments are provided with computer machines, printers and connected with internet. Two classrooms prepared with ICT enable tools. Library facilities strengthened by computerization and bar coding of all the titles and subscription of research journals. New construction of the two storied block with two big halls, two classrooms and

	laboratory of physics have been started with the budget estimate of about 1.5 crore Rs. Chemistry laboratory shifted to renovated laboratory with sufficient space for working. Renovation of computer science and Botany laboratories are undertaken
Research and Development	Although the institution, being working in remote area, has limited infrastructure facilities for research activities, almost 98 of the faculty members in the institution acquired Ph.D. degrees and most of them are actively engaged in research activities by publications of research articles in reputed journals and guiding to the research scholars for M.Phil. and Ph.D. degrees in collaboration with the other recognized laboratories of the reputed institutions. Faculties are encouraged for submission of the research proposals and publication of the research articles in journals. Institution also promoting research by granting study leaves and procuring sophisticated instruments in the laboratories.
Examination and Evaluation	The institution aimed to impart integral education of good quality, sound learning and inculcation of moral and ethical values through participatory and experimental learning process. The scheduled examination and evaluation works were completed within the framework of guidelines stipulated by the affiliating university and as per scheduled dates outlined in the academic calendar. The IQAC directed all the faculty members to conduct unit tests after the completion of each unit. The examination committee conduct the college terminal examinations as per the university pattern of paper setting. Home assessments are evaluated and test practical are conducted in all the science subjects.
Curriculum Development	Curriculum development is outside the purview of the institution, being affiliated to RTM Nagpur University, The affiliating university is authorized to develop the curriculum, and communicated to all the affiliating institution for uniform implementation. However, the elected or nominated faculty members are putting the valid suggestions in the BOS of the respective subjects. The faculty

	members are actively participating in discussion on review of curriculum. However, the committee set up of the faculty members of the institution have developed the curriculum of two UGC funded Carrier Oriented Course, one in Botany and the other in Chemistry.
Teaching and Learning	The institution believes in interactive, participative and experimental teaching and learning process. Use of modern teaching tools in the classrooms, organization of student's seminar and group discussion, field visits help the students to understand the concept by cooperative and interactive learning. The institution focus on student to identify, discuss and consider changes in their understandings, skills, attitudes and values. IQAC directed to the concerned committee to organize study tours and industry visits. Use of modern tools, as an effective and time saving method, enabled us to complete the major portion of the curriculum well in advance of the final examination.

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

E-governace area	Details
Planning and Development	Based on the priorities, IQAC of the institution has prepared the plan of action at the beginning of the academic session. The institution followed the charter developed for staffs and the students. Required certificates are provided to the students in due time. Collection and analysis of the feedback forms obtained from different stakeholders, submission of the abstract of the attendance, progress report and performance of the students, stock verification, submission of API-PBAS formats, Confidential reports and other works is done towards the end of the academic session. Started construction of new two storied building with spacious classrooms and seminar hall.
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.
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.

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
2015	Nil	Nil	Nil	Nill
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2015	Power point presentation	Nill	12/08/2015	12/08/2015	11	Nill
2015	Nill	Office filing	20/07/2015	20/07/2015	Nill	8
2016	Improvement of teaching skill	Nill	07/03/2016	07/03/2016	11	Nill
2016	Nill	Improvement of communication skill with students	18/03/2016	18/03/2016	Nill	8
View File						

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	Number of teachers who attended	From Date	To date	Duration

development programme				
Nil	Nill	Nill	Nill	00

View File

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

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

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Provident Funds • Insurance • Group Insurance • Medi-claim Insurance • DCPS • Gratuity • Study leave • Average Pay Leave • Full paid Maternity leave for ladies staff • Salary timely credited to bank account • Medical leave encashment • Festive advance • Fee concession for wards • TA/DA to staff members for office and academic work • Fund allocation for field studies and excursion tours	• Provident Funds • Insurance • Group Insurance • Medi-claim Insurance • DCPS • Gratuity • Full paid Maternity leaves for ladies staff • Salary timely credited to bank account • Medical leave encashment • Festive advance • Fee concession for wards • Encashment of the earn leaves • TA/DA to staff members for office and academic work	• Insurance • Government of India Scholarship • Fee waiver • Free ship • Earn and learn • Book bank • Provision of issue multiple books at the time of examination • Xerox facility • Printing facility • Scholarship form filling • Online examination form filling • Financial assistance to poor and needy students

6.4 – Financial Management and Resource Mobilization

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

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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management	1500000	Electrical appliances and water purifier

View File

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

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

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

• Newly admitted students were called along with their parents for the Principal's address at the beginning of the academic session • Organized Parent-Teacher meet on 27th December, 2015 and collected the feedback from the parents • Discussed several issues pertaining to the desire of parents and constructive suggestions by the parents were considered to resolve on significant issues related with the uplift of the quality of the institution. • 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)

• Initiated with the tea club in the institution for teaching and non-teaching members • IQAC in collaboration with the Department of Computer Science has arranged the training programme for both teaching and non-teaching staff • Organized financial literacy programme for both teaching and non-teaching staff • One day training camp for non-teaching staff was organized by IQAC for improvement of communication skill with the students and all the stakeholders. • IQAC also organized one day motivational program for teaching staff for the promotion of use of ICT tools in teaching-learning process

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

1. Organized ICT training programme in collaboration with right brains technology for faculty empowerment 2. Creation of Whatsapp groups for speedy and paperless transmission of information. 3. Collection and analysis of feedback from employer, alumni, students and parents 4. Reconstitution of IQAC as per guidelines of NAAC 5. Initiation of student's project activity at undergraduate level specially for final year students 6. Renaming of blocks and the rooms of in an uniform manner uniform signage boards 7. Renovation of infrastructure for laboratories 8. Construction of two storied separate block undertaken 9. Restructuring of various committees 10. Organization of training workshops for farmers in collaboration with NGO and government organization 11. 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
2015	Career Oriented Course in Chemistry	01/08/2015	01/08/2015	28/02/2016	30

2015	Yoga camp	14/09/2015	14/09/2015	16/09/2015	210
2015	Training workshop on bee keeping at college	22/09/2015	22/09/2015	26/09/2015	60
2015	Blood donation camp	29/09/2015	29/09/2015	29/09/2015	26
2015	Voters awareness programme	14/10/2015	14/10/2015	14/10/2015	260
2015	Field visit at Nishti sericulture centre	19/10/2015	19/10/2015	19/10/2015	50
2015	Training workshop on bee keeping at village Rameda	23/11/2015	23/11/2015	27/11/2015	30
2016	Residential NSS camp	30/01/2016	30/01/2016	05/02/2016	50
2016	Advanced training programmes for farmers on "Seasonal management of honey bees"	04/02/2016	04/02/2016	10/02/2016	20
2016	Student's seminar	15/02/2016	15/02/2016	28/02/2016	150

View File

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	29/08/2015	29/08/2015	135	55
World Aids Day	01/12/2015	01/12/2015	148	64
Savitribai Phule Birth Anniversary	04/01/2016	04/01/2016	72	43

Seminar on gender sensitization	08/03/2016	08/03/2016	138	59
Importance of Breast feeding	01/08/2015	01/08/2015	127	Nill
Awareness program on Beti Bachao Beti Padhao	12/09/2015	12/09/2015	131	58
Self-defense workshop for girls students	15/02/2016	17/02/2016	132	Nill
Seminar on International Women Day	08/03/2016	08/03/2016	124	56

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

Percentage of power requirement of the University met by the renewable energy sources
The institution yet not using the renewable energy sources. However, the 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. Under the scheme of government of Maharashtra staff and students were involved in plantation drive and number of plants were planted in the college premises.

7.1.3 – Differently abled (Divyangjan) friendliness

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

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	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

			community				
2015	1	1	13/05/2015	01	One Day Workshop of Beekeeping (Virli Bk.)	Bee keeping	50
2015	Nill	1	05/09/2015	01	Teachers' day	Shaikshanik Kirtan	100
2015	1	1	14/09/2015	03	Yoga Camp	Youga and Health	200
2015	Nill	1	29/09/2015	01	Blood donation camp	Collection and donation of blood	26
2015	1	1	14/10/2015	01	Voters awareness programme	Importance of voting in democracy	200
2015	Nill	1	01/10/2015	07	Wild life week	organized awareness rally	150
2015	Nill	1	02/10/2015	01	Swachh Bharat abhiyan	Cleanliness	158
2015	1	1	22/09/2015	05	Bee keeping training programme	Raring of bees	24
2015	1	1	23/11/2015	05	Bee keeping training programme at Raneda	Training to farmers	46
2016	1	1	04/02/2016	07	Seasonal bee management training programme	Bee keeping training	20

View File

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

Title	Date of publication	Follow up(max 100 words)
Code of conduct for students	20/05/2015	The code of conduct, rules and regulations as well as entire guidelines for students have been prepared and included in the newly prepared

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2015	21/06/2015	92
Annabhau Sathe Birth Anniversary	01/08/2015	01/08/2015	186
Independence Day	15/08/2015	15/08/2015	143
Shaikshanik Kirtan (Teacher's Day)	05/09/2015	05/09/2015	195
World Literacy Day	08/09/2015	08/09/2015	185
International Democracy Day	15/09/2015	15/09/2015	178
Yoga Camp	14/09/2015	16/09/2015	200
Blood Donation Camp	29/09/2015	29/09/2015	26
Wildlife Week	01/10/2015	07/10/2015	150
Swachchha Bharat Abhiyan (Gandhi Birth Anniversary)186	02/10/2015	02/10/2015	150

View File

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

1. Staff and students actively participated in the awareness rally organized during Wildlife Week

2. Cleanliness drive under Swatch Bharat Abhiyan organized by IQAC

3. Celebration of World Environment Day by Department of Botany and Zoology

4. Tree plantation drive in collaboration with government of Maharashtra

5. Strict implementation of plastic ban in the college premises

6. Proper utilization of waste water generated for the watering the plants in the premise.

7. Proper disposal of daily collected garbage (Collected garbage taken away by Nagar Parishd)

8. Filing up low laying area and levelling the available space in the campus

9. Provision of dustbins at various vantage points of the campus

10. Regular cleaning of the campus by removing weeds grown after monsoon

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, PAUNI, DIST. BHANDARA Best Practice-1 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 get succeed in the university examination and to

score maximum. 3. The Context: Boys and Girls students of the college are invited to participate in the various academic activities which are conducted according to their class and the subject category considering their capacity. 4. The Practice: The syllabus and study materials are provided to the students in the beginning of the session and regular attendance of the students is noted. To check the academic development of students college follow the continuous monitoring system (CMS). Unit tests have been performed after completion of every unit of the syllabus and question bank is provided to the students. Sometimes surprise test have been organized by individual teachers. The students are categorized as Slow and Fast learners. The slow learner students are identified on the basis of their performance in the class like question-answer and extra efforts has been taken by the teachers for their improvements. Internal Assessment of the students is carried out on the basis of Home Assignment, Seminar, Group discussion, study tour, etc. At the end Test exam is organized for students to know their improvement for university examinations. 5. Evidence of Success: The number of students participated in different academic activities in the presence of their teachers and appreciated by the teachers and is motivated to perform well in the incoming other activities. Extra practice session is organized for the students with poor performance. 6. Problem Encountered and Resources Required: It has been observed that most of the students of college from rural area that are having less connectivity and more students from economically weaker families and limited resources available in terms of study material and all. 7. Notes (Optional): The academic activities engaged by the college are much useful for the students for the improvements of their academic record. Therefore a platform is required to develop the talent of the students of the region. Course/Programme wise distribution of pass percentage (2015-16): Title of the Programme Total no. of Students appeared Division Pass Pass I II III Odd Semester B.Sc. Sem-I 143 05 10 15 10.48 B.Sc. Sem-III 133 10 14 24 18.04 B.Sc. Sem-V 92 07 10 17 18.47 Even Semester B.Sc. Sem-II 141 10 46 01 57 40.42 B.Sc. Sem-IV 105 29 59 88 83.80 B.Sc. Sem-VI 56 16 40 56 100 College Topper Students of Final Year (2015-16): Sr. No. Name of Students Year Group Distinction Percentage 1. Ku. Pooja S. Rawal S-2016 CBZ CBZ 84.25 2. Ku. Surbhi R. Gondane S-2016 PCM PCM 76.14 3. Ku. Ruchita V. Jibhakate S-2016 CBZ CBZ 74.00 Best Practice-2 1. Title of the Practice: 'BEE WITH THE FARMERS' 2. Objective of the Practice: 1. To enhance the employability of rural youth and farmers. 2. To utilize rich local agricultural and forest bio resources. 3. To increase the agricultural production by providing pollination services by beekeeping. 3. The Context: The local region has rich natural resources viz. fertile soil, huge forest area, abundant water resources, varied agricultural crop pattern, however the agricultural production per unit area is very low as compared to National average. The farmers and tribal youth of this region are facing the problem in terms of employment opportunities, low economic income which leads to migration towards urban area. Due to rapid industrialization, indiscriminate use of pesticides, monoculture, deforestation the pollination agents viz. insects in general and bees in specific have been declined to significantly low in number which results in lower yield in several crops specifically oil seeds, pulses, horticultural and vegetable fruit crops. The scenario was observed by department of Zoology and Botany during the course of research in melitopalynology and apiculture. It was also observed that abundantly available unused pollen and nectar resources which are the food of bees can be converted to value added products like honey, wax, pollen and propolis. The local region has plenty of potential for beekeeping which again could be tool to eradicate un-employability in local region. The knowledge which could be confined in walls of classroom could be utilized for welfare of society. By considering these facts an effort was done by department of Zoology to aware the masses about potentials of beekeeping and the activity was named as "BEE WITH FARMERS" 4. The Practices: The college is engaged in awareness, training and extension

of beekeeping since last six years with the aid of different agencies in rural area of Bhandara district and other parts of Vidarbha. The college is involved in following activities regarding the 'Bees with Farmers' program. 1) Organization of workshop and Seminars: The College has organized several workshop and Seminars to make aware the masses including farmers, rural youths and even academicians and teachers regarding the potential of honey bees for pollination and poverty eradication at various villages and even at different colleges. 2) Organization of Beekeeping Training Program: The college has organized three day, five day and seven day training program for the farmers, youth and even for academicians to train them regarding handling of honeybees and its successful rearing. 3) Assistance for Beekeeping: The technical assistance is provided by college teachers for beekeeping at the farm of farmers. Skillful guidance is provided to the farmers regarding handling, maintenance of bee colonies, harvesting of honey etc. 5. Evidence of Success: Number of farmers and rural youth started the beekeeping at their village and farm and witnessed the enhanced production at the farm in different crops especially in oilseeds, pulses, horticultural fruit crops, vegetable crops and so on. A very few farmers started the beekeeping and developed a skill to raise the honey bee colonies and selling these colonies to other farmers. Academicians and college teachers have invited the expert for beekeeping workshop and guest lecture from college and KVIC to make aware the farmers in their region. Some college teachers started beekeeping in their college campus to make aware themselves and students and even farmers. Problem Encountered and Resources Required: Being an economically backward region, some farmers wish to start beekeeping but due to lack of financial sources they could not adopt beekeeping at their farm. Social and educational backwardness is also another hurdle to adopt beekeeping 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. While conducting work the research findings were shared with the farmer community for welfare of society. In this outreach work Khadi and Village Industries Commission KVIC helped a lot to make BEE WITH FARMERS a mass movement in this region. The college is involved in following activities regarding the 'Bee with the Farmers' program. 4) Organization of workshop and Seminars 5) Organization of Beekeeping Training Program 6) Assistance for Beekeeping Table: Different Bee-keeping/ Training Programs Organized by Institution (2015-16) Year Date Duration Name of initiative Issues addressed Number of participating students and staff 2015 13/05/2015 (Wednesday) 1 Day One Day Workshop of Beekeeping (Virli Bk.) Bee keeping training 50 2015 22 – 26 Sept., 2015 5 Days Beekeeping Training Program Bee rearing 24 2015 23 – 27 Nov., 2015 5 Days Beekeeping Training Program (Raneda) Bee keeping training for farmers 46 2016 4 – 10 Feb., 2016 7 Days Seasonal Bee Management Training Program Raring of queen bee 20 2016 18 – 24 Feb., 2016 7 Days Honey Quality Control Training Program Quality parameters of honey 20 2016 25 Feb. – 2 March, 2016 5 Days Queen Rearing Training Program Training on bee raring 20

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.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 where farming is the main occupation of the people. Pauni is a 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 400 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 its own impact 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. Affordable education through low fee structure 2. Providing financial support to the needy and poor students 3. Making students aware of all scholarship schemes and timely distribution of different scholarships 4. Availability of book bank facility and study material for various competitive examinations 5. Functional counselling and mentor-mentee system 6. Focus on participatory and experimental learning 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/

8.Future Plans of Actions for Next Academic Year

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENEC COLLEGE, PAUNI, DIST. BHANDRA (MS) INTERNAL QUALITY ASSURANCE CELL (IQAC) Perspective Action Plan for the Academic Year-2016-2017 Perspective action plan for the academic year 2016-2017 was prepared, discussed and finalized in the IQAC meeting held on 22.04.2016. ? IQAC: • Introduction of biometric system for all staff members • Documentation of various academic and co-curricular activities for the preparation of AQAR. • Submission of the data to All India Survey on Higher Education (AISHE) • Organization of workshops and seminars on relevant themes • Submission of proposal to the affiliating university for additional section to accommodate the students from waiting lists • Incorporation of mentor-mentee system to resolve the issues of the students • Organization of training workshops for non-teaching members ? Up-gradation of infrastructure facilities: • Infrastructure extension is to be undertaken for Physics laboratory, extension and renovation of Chemistry laboratory, girl's common room, boys lavatories, seminar hall and additional classrooms • Modification in Administrative set up. ? Library enrichment: •

Additional Text and Reference books to be purchased as per the demand received from faculty members. • Purchase and installation of library related software for atomization • Recommendation for the subscription of research journals ? Fund generation: • Generation of funds from government and NGOs for various academic and outreach activities • Submission of proposals for the raising the funds for research activities • Fund generation from philanthropists • Funds and support services to be obtained from alumni ? Academic improvement: • Continuation of the effective measures for the overall improvement in results of the students under "Pawan Pattern". • Enhancement in publication of subject related books and research articles by the faculty members • Collection and analysis of feedback from students, alumni, parents and employer • Organization of seminars, workshops and other training programmes for students • Organization of various subject related quiz, and other competitions • Organization of guest lectures on subject based topics by inviting resource persons from other institutions, • Motivation to the students for active participation in various academic activities • Extension of research activities under the guidance of registered faculties for Ph.D. degree ? Teaching-learning process: • Integration of modern tools and techniques in teaching learning process to make it more student centric • Enhancement in use of ICT based tools for teaching by different faculty members • Recommendation to the faculty to organize student's seminars, group discussion and other academic activities • 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: • Extension of training programmes for farmer's and students on bee keeping management, organic farming, • Organize short and long NSS camps for cleanliness of the premises, plantation, community areas and at the nearby selected village • Organization of blood donation camps and workshops on hygiene and health related