

ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2014 -15

SCIENCE COLLEGE PAUNI, DISTT. BHANDARA (M.S.)

Submitted to:

National Accreditation and Assessment Council (NAAC)
P.O. Box No. 1075, Opp: NLSIU, Nagarbhavi, Bangaluru, 560072 India

SCENCE COLLEGE PAUNI, DIST. BHANDARA (M.S.)

AQAR 2014 – 15 PART-A

1. Details of the Institution

1.1. Name of the Institution

SSES Amravati's
Science College, Pauni

1.2. Address Line 1

Khapri Road, Pauni, Dist. Bhandara

Address Line 2

(MS), India-441910

City/Town

Pauni

State

Maharashtra

Pin Code

441910

Institution e-mail address

sciencecollegepauni@gmail.com

Contact Nos.

07185-255310

Name of the Head of the Institution:

Dr. D. K. Burghate

Tel. No. with STD Code:

07185-255310

Mobile:

9422306680

Name of the IQAC Coordinator:

Dr. B. S. Rahile

Mobile:

9890426422

IQAC e-mail address:

iqac@scp.org

1.3. NAAC Track ID:

09712

1.4. Website address:

sciencecollegepauni.org

Web-link of the AQAR:

1.5. Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	C	-	May, 2004	May, 2009
2	2 nd Cycle	B	2.28	Sept.2012	Sept.2017

1.6. Date of Establishment of IQAC: 30/04/2009

1.7. AQAR for the year: 2014-15

1.8. Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

i. AQAR 2012 -13 submitted to NAAC on 20/12/2020

1.9. Institutional Status

University: State Central Deemed Private

Affiliated College: Yes No

Constituent College: Yes No

Autonomous college of UGC: Yes No

Regulatory Agency approved Institution: Yes No
(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10. Type of Faculty/ Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11. Name of the Affiliating University

Rashtrasant Tukadoji Maharaj Nagpur University,
Nagpur

1.12. Special status conferred by Central/State Government: UGC/CSIR/DST/DBT/ICMR, etc

Autonomy by State/Central Govt./University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

any other (Specify)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1. No. of Teachers

2.2. No. of Administrative/Technical staff

2.3. No. of students

2.4. No. of Management representatives

2.5. No. of Alumni

2.6. No. of any other stakeholder and community representatives

2.7. No. of Employers/Industrialists

2.8. No. of other External Experts

2.9. Total No. of members

2.10. No. of IQAC meetings held

2.11. No. of meetings with various stakeholders: No.

Faculty

Non-Teaching Staff

Students

Alumni

Others

2.12. Has IQAC received any funding from UGC during the year? Yes

No

If yes, mention the amount

2.13. Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

Impact of Human Action on Environment

2.14 .Significant activities and contributions made by IQAC

- Organized two training programmes for farmers and youth under extension of outreach activities
- Organized one day awareness workshop at Golewadi village for farmers with impact on significance of organic farming and bee keeping
- Strengthened research activities by enrollment of two research students under the supervision of the recognized supervisors from the institution.
- Organized 3 days training programme on Bee keeping for farmers
- Farmers were supported by providing 15 bee colonies at 50% subsidized rate worth Rs. 37500/- sponsored by NGO, Bee The Change
- Prepared and submitted budget estimates of sum of Rs. 1.5 crore for construction of two storied extension building
- Library enriched by purchasing new titles of text and reference books worth Rs. 43141/-
- Organized UGC sponsored one day national level conference on "Impact of Human Action on Environment"
- ICT enabled teaching-learning process strengthened
- Successfully organized 07 days NSS camp with a unit of 50 students at Mangli village
- Organized industry visits, Plant excursion and study tours
- Organized Blood donation camp in collaboration with rainbow Blood Bank, Nagpur and collected 60 units of blood from students and the staff of the institution
- Organized students social gathering in the month of December
- Organized various co-curricular activities for students
- Organized Tree Plantation programme at college premises
- World Woman Day Celebration on 8th March

2.15. Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

Plan of Action	Achievements
Extension of outreach activities	1. Organized training programme for farmers on Bee Keeping, 2. Organized one day workshop for farmers at Golewadi, 3. Distributed 15 bee colonies to farmers at 50% subsidized amount shared by Bee the Change, Mumbai (Rs. 37500/-)

Career Oriented Courses	One career oriented course in Botany completed, whereas other in Chemistry subject continued with 31 students
Up-gradation in infrastructure	Construction work of two storied extension building initiated with an estimate of 1.6 crore
Library enrichment	Added new titles of Text and Reference Books with expenditure of Rs. 43141/-
Organization of conference	Organized UGC sponsored one day national level conference in Chemistry entitled "Impact of human activities on environment"
Visit to industries/ Laboratories/Field visit	Organized plant excursion tour and field visits to sericulture center
Circulation of notes	Circulated the printed format of self-prepared notes to the students for further enhancement in university results
Guest lectures	Organized guest lectures in various subjects
Effective teaching-learning process	Use of ICT tools in teaching-learning enhanced by the faculties
Conduct of extra classes	Conducted extra classes for the early completion of syllabus
Blood donation camp	Organized Blood Donation camp in and collected 60 bottles of blood
Student's participation	Students were involved in various curricular and co-curricular activities
Student's seminar	Organized student's classroom seminar and group discussion
Social activities	07 days NSS camp with 50 units at Mangli village
Incorporation of formal feedback system	IQAC collected and analyzed the feedback from students, parents, employer and alumni. Feedback analyzed and recommendations handed over to head of the institution for implementation

2.16. Whether the AQAR was placed in statutory body Yes No

Management No Syndicate No any other body No

Provide the details of the action taken.

- Organized awareness training programme for farmers on bee keeping.
- Organized one day workshop at Golewadi for farmers, in association with Science College, Nagpur
- 15 bee colonies distributed to farmers with 50% subsidized rate sponsored by NGO, Bee the Changes, Mumbai, costing about Rs. 37500/-
- Construction work of two storied extension building initiated with the financial support of Rs. 1.6 crore from parent management.
- Purchased new titles of 281 Text books and 13 reference books with an amount of Rs. 43141/-

- Organized one day national level UGC sponsored conference on “Impact of human action on environment” on 28th Feb., 2015
- Organized guest lectures on various topics in different subjects
- Prepared the action plan considering the priorities
- Organized student’s classroom seminars, conducted regular unit tests, college terminal exam and conducted extra classes for early completion of syllabus
- Organized 07 days NSS camp of unit of 50 students at Mangli village
- Organized blood donation camp in association with Rainbow Blood Bank, Nagpur. Staff and students donated 60 bottles of blood
- Organized various events for providing platform to the students

PART – B

CRITERION – I CURRICULAR ASPECTS

1.1. Details about academic programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added/Career Oriented programmes
PhD	Nil	Nil	Nil	Nil
PG	NA	NA	NA	NA
UG	03	Nil	Nil	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
Certificate	01	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil
Total	04			

Interdisciplinary	Nil	Nil	Nil	Nil
Innovative	Nil	Nil	Nil	Nil

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	Nil
Annual	01

1.3. Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

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

1.4. Whether there is any revision/update of regulation or syllabi.

If yes, mention their salient aspects.

Yes.

Salient aspects:

University has already introduced semester pattern system for the undergraduate course in science stream in a step-wise manner from 2013-14. The curriculum was design and developed by the affiliating university through BOS in different subjects. The modified syllabus has been notified by the university and affiliated colleges are asked to implement the same as per the guidelines. The

institution has design and develop the syllabus for the one career oriented courses sponsored by UGC. The newly designed syllabus was implemented for Semester III and IV. **Dr. B.D. Gharde**, Head, Department of Chemistry has actively taken part in design and development of the curriculum, as an elected member of BOS in Chemistry.

1.5. Any new Department/Centre introduced during the year.

If yes, give details.

No

CRITERION – II

TEACHING, LEARNING AND EVALUATION

2.1. Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
12	07	04	01	Nil

2.2. No. of permanent faculty with Ph.D.

06

2.3. No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
07	04	04	Nil	01	Nil	Nil	Nil	12	04

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

Nil

05

04

2.5. Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	09	Nil
Presented papers	02	05	Nil
Resource Persons	01	05	Nil

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

- All departments have organized student's classroom seminars
- Teaching-learning process continuously monitored
- Manually collected feedbacks analyzed by the committee
- Introduction of survey based student's project activities develop the research aptitude among students as a part of activity based learning
- Circulation of self-prepared notes to the students.
- Major portion of the syllabus completed before the university examination so as to provide preparation time to the students
- Use of ICT in teaching-learning process enhanced.
- Unit wise unit test examinations were conducted regularly
- Conducted extra classes for the completion of syllabus
- Faculties have engaged the classes of teachers on leave
- Faculty members have used power point presentation for effective teaching
- Faculty members organized focused group discussion of the students on topics relevant to the subjects
- Practical were demonstrated using charts and models
- Topics from the syllabus were distributed to students for home assignments

- Students were encouraged to refer more reference books available in the college library
- Organization of field and industry visits

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

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

Major reforms in examination and evaluations were made by the affiliating university, however, the institution follows certain pattern in examination and evaluation as

- Distribution of topics from the syllabus for home assignments
- Assignments were timely evaluated and returned to the students with corrections and specific remarks for improving writing skills
- Multiple choice questions performance test, based on syllabus of qualifying examination, conducted for newly admitted students to identify slow and advanced learner.
- Conducted college terminal examination
- Regularly organized unit test examinations on the completed units of the syllabus
- Students performance in unit and college terminal examinations was monitored
- Paper setting was strictly as per the university pattern

2.9. No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop: 01

2.10. Average percentage of attendance of students: 83%

2.11. Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division			Passed	Pass %
		I	II	III		
B. Sc. Sem I	144	09	12	Nil	21	14.78
B. Sc. Sem II	141	10	45	01	56	39.71
B. Sc. Sem III	105	05	34	Nil	39	37.14
B. Sc. Sem IV	105	26	62	Nil	88	83.81
B. Sc. III	100	20	60	Nil	80	80.00

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

IQAC of the institution has major and crucial role in maintaining quality standards in teaching, learning and evaluation process. In order to monitor and evaluation of the teaching-learning process the college IQAC contributed in following ways:

- IQAC has taken major steps in pushing long-term quality standards
- IQAC not only promoted but also supervised and monitored the activities leading to the

- improvement in quality in teaching-learning process
- Development and application of quality benchmarks/parameters for various academic Activities
 - Development of proper coordination among all the stakeholders of the institution for the quality enhancement in teaching-learning process
 - Encouragement and appreciation of innovative ideas from the faculty members and its implementation
 - Facilitating the creation of student-centric learning environment conducive for quality education.
 - Faculty encouragement to adopt the essential knowledge and teaching tools for participatory teaching and learning process
 - Collection and analysis of feedback from students, parents and alumni and follow up action on the quality related processes
 - Dissemination of information on various quality aspects
 - Documentation of various activities leading to the improvement
 - Acting as a nodal agency between the administration, parent organization and the faculty as well as students
 - Collection, analysis and compilation of data on various quality parameters leading to the strengthening of teaching-learning process.
 - Organization of collaborative workshops and seminars on quality related themes on promotion of quality circles
 - Up-gradation of library by recommendation of new text and reference books in the library for students and staff

2.13. Initiatives undertaken towards faculty development

<i>Faculty/Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Nil
UGC-Faculty Improvement Programme	Nil
HRD programmes	03
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	02
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	Nil
Others	Nil

2.14. Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	05	03	Nil	Nil
Technical Staff	04	01	Nil	01

CRITERION – III

RESEARCH, CONSULTANCY AND EXTENSION

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

- Encourage for the preparation and submission of the research projects proposals to different funding agencies,
- More emphasis on inter-disciplinary and collaborative research.
- Strengthening of collaboration with industries in the nearby area,
- Publication of research articles in reputed journals,
- Provision for financial support for publication of research papers and attending conferences,
- Generation of funds from various funding agencies.

3.2. Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	01
Outlay in Rs. Lakhs	Nil	Nil	Nil	11.66

3.3. Details regarding minor projects

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

3.4. Details on research publications

	International	National	Others
Peer Review Journals	02	06	
Non-Peer Review Journals	Nil	Nil	Nil
e-Journals	Nil	Nil	Nil
Conference proceedings	Nil	Nil	Nil

3.5. Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	01	Bee The Change, Mumbai	37,500/-	37,500/-
Projects sponsored by the University/College	Nil	Nil	Nil	Nil
Students research project (other than compulsory by the University)	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil

3.7. No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8. No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9. For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10. Revenue generated through consultancy:

3.11. No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	Nil	01	Nil	Nil	Nil
Sponsoring agencies	Nil	UGC	Nil	Nil	Nil

3.12. No. of faculty served as experts, chairpersons or resource

3.13. No. of collaborations: International National Any other

3.14. No. of linkages created during this year

3.15. Total budget for research for current year in lakhs: **Nil**

From funding agency From Management of University/College

Total

3.16. No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialized	Applied	Nil
	Granted	Nil

3.17. No. of research awards/ recognitions received by faculty and research fellow of the Institute in the year:

Total	International	National	State	University	Dist	College
Nil	Nil	02	Nil	Nil	Nil	Nil

3.18. No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

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

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

JRF SRF Project Fellows Any other

3.21. No. of students Participated in NSS events:

University level

State level

National level

International level

3.22. No. of students participated in NCC events:

University level

State level

National level

International level

3.23. No. of Awards won in NSS:

University level	Nil	State level	Nil
National level	Nil	International level	Nil

3.24. No. of Awards won in NCC:

University level	NA	State level	NA
National level	NA	International level	NA

3.2.5 No. of Extension activities organized

University forum	02	College forum	Nil		
NCC	NA	NSS	02	Any other	01

3.26. Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility:

- Under extension activities, Dept. of Zoology organized three days training programme on Bee Keeping for farmers
- Department of Zoology, in association with Science College, Nagpur organized one day workshop for farmers at Golewadi
- In collaboration with “Bee The Change”, Mumbai, 15 bee hives with bee colonies, worth Rs. 37,500/- were distributed to farmers as an initiative towards sustainable agriculture.
- Farmers of the nearby locality were guided and given scientific information for successful Tasar Sericulture operations.
- Parents and farmers were invited to attend the national level UGC sponsored conference organized on “Impact of Human Action on Environment”
- About 48 bottle of blood donated by the staff and students of the college through the organization of “Blood donation camp”, in association with Rainbow Blood Bank, Nagpur.
- Students and staff organized “AIDS awareness rally” on AIDS day
- College campus was cleaned by the NSS volunteer
- Cleanliness programme in the major part of Pauni town was carried by NSS volunteers on occasion of Dasher festival
- Seven days residential NSS camp of unit of 50 students was organized at village Khairi.
- Students and staff of the college has actively participated in plantation programme, organized on Independence day

CRITERION – IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1. Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1.5 Acre	Nil	Management	1.5 Acre
Class rooms	07	Nil	Management	07
Laboratories	05	Nil	Management	05
Seminar Halls	Nil	Nil	Management	Nil
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	Nil	Nil	Management	Nil
Value of the equipment purchased during the year (Rs. in Lakhs)	Nil	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil

4.2. Computerization of administration and library

- Number of computers increased with internet facility in the office
- Availability of reprographic facility in the library
- Internet facility extended
- Surveillance of college premises under CCTV has been reinstalled with repairing and increasing number of cameras

4.3. Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	2830	3,60,340	281	37,616	3111	3,97,956
Reference Books	2593	8,25,467	13	5525	2606	8,28,076
e-Books	Nil	Nil	Nil	Nil	Nil	Nil
Journals	Nil	Nil	01	900	01	900
e-Journals	Nil	Nil	Nil	Nil	Nil	Nil
Digital Database	Nil	Nil	Nil	Nil	Nil	Nil
CD and Video	Nil	Nil	Nil	Nil	Nil	Nil
Others (specify)	Nil	Nil	Nil	Nil	Nil	Nil

4.4. Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	28	15	02	01	Nil	04	06	Nil
Added	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Total	28	15	02	01	Nil	04	06	Nil

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

- Enhancement in Internet facility for students and staff
- Organized training programmes for non-teaching staff on computer awareness and Microsoft excel
- Examination related work is made online
- All the computer machines are protected from computer virus, malware and spyware
- Department of Zoology organized workshop for students and teaching faculties on bioinformatics internet access and online documentation

4.6. Amount spent on maintenance in lakhs:

i) ICT	Nil
ii) Campus Infrastructure and facilities	10640/-
iii) Equipments	279150/-
iv) Others	16950/-
Total:	291532/-

CRITERION – V
STUDENT SUPPORT AND PROGRESSION

5.1. Contribution of IQAC in enhancing awareness about Student Support Services

- Constructive suggestions obtained from the students after analysis of the feedback were considered for improvement in infrastructure, academic and administration were positively considered.
- Actively working Students Grievance Cell resolved grievances of the students,
- Addressed gender equity issues.
- Student support cell worked actively in solving the problems of the students
- Special staff appointed for helping students in filling online applications and scholarship forms.
- Timely and regular distribution of the scholarships to the eligible students,
- Rendered financial support by the teaching faculties to the needy and poor students,
- Students securing highest marks in the university examinations were awarded by cash prizes sponsored by the teaching faculty members,
- Career guidance provided to the students through Placement Cell.
- Organized Career Development programmes.
- Students participation in various academic, co-curricular and cultural activities enhanced by motivating them,
- Financial supports were provided to the students participating in various events organized by other institutions,
- Effective guidance provided to students to pursue higher education,
- Community related programmes were organized with the participation of students to make them aware of the local issues and problems,
- Prompt circulation and display of information through Notice Board, through letter correspondence, through circulars.

5.2. Efforts made by the institution for tracking the progression

- Monitored student's regular attendance
- Involvement of the students in academic, cultural and other events executed and attendance monitored.
- Organization and monitoring of student's performance by conducting unit tests, assignments and seminars
- College terminal examination conducted well in advance of the university examination
- Weaker students and slow learners guided separately,
- Organized Parent-Teacher meet in the month of December
- Parents were regularly informed about the performance of their wards,
- Monitored and maintained the information of students acquiring higher education.
- Programmes related with personality development and career opportunities were organized regularly,
- Students securing highest positions, recipient of awards were felicitated on special occasion in the institution,
- Organized social gathering for the students to explore their hidden assets,

5.3. (a) Total Number of students	UG	PG	Ph. D.	Others
	348	Nil	Nil	Nil

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	77	22.12		272	78.16

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
02	57	31	165	Nil	255	11	74	26	229	Nil	348

Demand ratio: 1: 1.75 (120:210)

Dropout %: 15.26

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

- Career Guidance Cell organized workshops and guest lectures for career guidance and preparation for competitive examinations.
- Organized personality development and motivational sessions for the students,
- Facilities available with the institutions regarding coaching for competitive examinations are shared with other coaching institutes in the district,
- Organized general knowledge examination for students at the level of college and Parent organization,
- Advertisements for various jobs, recruitments were shared with the eligible students,

No. of students beneficiaries

5.5. No. of students qualified in these examinations

NET SET/SLET GATE CAT
 IAS/IPS etc State PSC UPSC Others

5.6. Details of student counselling and career guidance

- Career Guidance and Placement Cell organized guest lectures and seminars by inviting experts from professional organization.
- Created free environment for the students to approach the concerned faculty and the administrative head of the institution,
- Active Grievances Cell is working for the timely resolution of grievance of the students,
- Organized career guidance and guest lectures by inviting experts from professional organizations,

- Students were informed about the placement camp organized by other institutions
- Organized orientation as well as counselling programme for students regarding the examination pattern of the university examination,
- Final year students were guided for securing higher education and the other opportunities available,
- Focused on value education by organizing lectures,
- Disputed matters were timely resolved through personal counselling of the students,
- Newly admitted students were introduced with the discipline, rules and regulation to be followed, at the beginning of the academic session,
- Anti-ragging committee strictly monitored any kind of harassment of the students within the campus.
- Various personal, social and career issues were discussed with mentors.
- Pre-exam counselling and orientation programme organized for students

No. of students benefitted: **42**

5.7. Details of campus placement

On campus			Off campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
Nil	Nil	Nil	Nil

5.8. Details of gender sensitization programmes

- National Women’s Day celebrated on 8th March
- Addressed issues related to gender sensitization through various programmes,
- Organized Save Girl Child rally through NSS,
- Organized AIDS awareness rally on 1st December
- Observed Breast Feeding Week for girls students
- Health awareness and hygiene issues addressed,
- Organized poster competition on the theme ‘Save Girl Child’,
- Organized legal awareness programme on ‘Sexual harassment’ in collaboration with Bar Association, Pauni,
- Organized ‘Raksha Bandhan’ programme in the college

5.9. Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2. No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10. Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	Nil	Nil
Financial support from government	208	9,13,864
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11. Student organized/initiatives

Fairs: State/ University level National level International level

Exhibition: State/ University level National level International level

5.12. No. of social initiatives undertaken by the students

5.13. Major grievances of students (if any) redressed:

Following issues related to students resolved:

- Bus stoppage for students
- Preparation of time table as per student's convenient
- Extension of laboratories
- Resolved the issues related to seating arrangement
- Organized student's social gathering
- Internet facility for students

CRITERION - VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

1 State the Vision and Mission of the institution

Vision:

“The Vision of the Institute is to spread the education to different strata of the society, in the rural area, deprived of it during the preceding centuries to bring the social transformation and to use the education as a major tool to inculcate scientific temperament, sense of justice, leadership qualities, social responsibilities, ethical values and to bring them to the level to participate in the nation building activities with a view to promote their individual, social and consequently the national growth.”

Mission:

- To provide quality education to the students from all strata of society in general and poor and middle class families in particular.
- To impart quality education through the established academic programmes and promote scientific temper among the students,
- To create intellectually stimulating environment for students to acquire skill based knowledge and platform for creativity, innovations to progress towards excellence and to make them vibrant and conversant with current knowledge,
- To inculcate sense of discipline and responsibility towards nature and society
- To create intellectually stimulating environment for innovative ideas, creativity and to provide best educational experience to the students by promoting an environment of continuous improvement.
- To imbibe the students with science oriented ethical, moral and social values in personal and social life leading to highly cultured and civilized citizen
- To disseminate the latest knowledge and technology in farming practices by establishment of farmer’s association.
- To emerge as premier higher education institute within the area by providing quality education,

6.2. Does the Institution has a management Information System

Yes-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. 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.

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

6.3.1. Curriculum Development

- Analysis of feedback obtained from students, parents and teachers continued.
- Considered the valid suggestions obtained through the feedback regarding the curriculum design and development and communicated to BOS members in different subjects.
- Faculties from the institution actively engaged in curriculum design and development at university level
- Elected/nominated members in BOS from the institution discuss the modification in curriculum in the meetings of BOS.
- The institution is not the authority to design and develop the curriculum of the subjects since it is an affiliated college. The affiliating university design and develop the syllabus through BOS of different subjects. The same is discussed in Academic Council for approval and implementation and finally approved by the Board of Management. The approved syllabus is communicated by the university to different affiliated colleges and are implemented uniformly.

6.3.2. Teaching and Learning

- Semester pattern implemented by the affiliating university in step-wise manner
- Curriculum of different semesters has been unitized at the university level
- Most of the faculties acquainted with modern teaching learning tools.
- Traditional black board teaching is supplemented by teaching using modern tools.
- New instruments purchased as per the requirement.
- Updated prepared question bank,
- Self-prepared notes updated as per the modification in curriculum
- Subject-wise notes shared with students
- Remedial coaching classes for the slow learner
- Monitoring of student's performance and excellence in the academic area
- Organization of group discussion, classroom student's seminar, guest lecture and study tours.
- Focus on participatory and experimental learning
- Organized group discussion, debate and quiz competition

6.3.3. Examination and Evaluation

From the inception of the institution, we aimed to impart integral education of the highest standard, sound learning and inculcation of moral and ethical values in the minds of students. We

also focused on making the students responsible towards the society. Participatory and experimental learning is the essential aspect of our teaching-learning practice. So far as the examination and evaluation is concerned, we practice on following aspects;

- Regular conduct of unit tests in all subjects
- Paper setting as per the university pattern
- Internal assessment as per university norms
- Constitution of active Examination Committee
- Conduct of the College Terminal Examination
- Organization of test practical examination as per university pattern
- Sincere and impartial evaluation of the answer books
- Immediate communication of the marks to the students

6.3.4. Research and Development

- Monitoring of research through Research Committee
- Engagement of the faculties in research activities
- Easy and smooth process of granting study leave to the faculties
- Permission for collaborative research with other institutions
- More focus on collaborative and applied research
- Publication of research articles in reputed journals
- Free hand for submission of the research proposals to different funding agencies
- Need based purchase of instruments in the laboratories
- Inter-departmental collaboration for research activities.
- Participation in conferences and workshops

6.3.5. Library, ICT and physical infrastructure/instrumentation

- ICT tools for teaching and learning frequently used.
- Need based modern equipment procured
- Subscription of the new research journal
- Prepared budget estimates for new construction approved by parent organization

6.3.6. Human Resource Management

- Focused on recruitment of well qualified staff
- Majority of the teaching staff is with Ph.D. as highest degree
- Submission of the proposal to parent organization for filling up vacancies
- Yearly analysis of the of the confidential reports of every employee
- Organization of computer awareness programmes for the non-teaching staff
- Encouragement to faculty members to participate in academic activities
- Inter-departmental mobility and coordination for research and other academic activities.
- Proper action and timely resolution of the grievances of the staff
- Democratic functioning at different level
- Strengthening of research and outreach activities

6.3.7. Faculty and Staff recruitment

- Recruitment process for teaching and non-teaching staff carried out at the parent organization level.
- Total annual workload and vacancy positions approved by Joint Director, Nagpur
- Recruitment process is strictly in accordance with rules and regulations governed by UGC, Government of Maharashtra as well as affiliating university.
- Advertisement published in Newspapers of wide spectrum as well as local level.
- Sanctioned posts and constitutional reservation in recruitment approved from both affiliating university and government office.
- Attempted to recruit ad hoc and CHB teachers from eligible candidates, if available
- Interview procedure strictly followed
- Timely submission of the proposals of teaching staff for the placement under CAS
- Appointments of the teaching staff approved from the affiliating university, whereas, non-teaching staff approved by Joint Director
- Roaster maintained by the office of parent organization
- Organize training programme for newly recruited staff

6.3.8. Industry Interaction/Collaboration

- Organized industry visits for the students
- Visits to the reputed institutions and laboratories of national repute organized.
- Various departments have formal and informal linkages with other institutes for academic and other purposes
- Enrollment of students for research in collaboration with other institutions
- Linkages with government agencies and NGOs
- Organized guest, popular lectures and training programmes
- Organization of academic events such as conferences/workshop in collaboration with other institutes/industries
- Organized gathering of farmers in the area

6.3.9. Admission of Students

- Preparation and publication of updated prospectus containing information of the courses offered, infrastructural facilities, eligibility criteria for each course, subject combination, fee structure, academic calendar, rules and regulations, support facilities and various schemes and documents required for admission.
- Publication of advertisement and preparation of banners regarding “Admission open”
- Display information regarding admission on the college notice board
- Followed transparent admission procedure as per the norms of government and affiliating university
- State government reservation policies followed
- Admissions on merit basis

6.4. Welfare schemes for

Teaching	Provident Funds Insurance Group Insurance Medical Insurance DCPS Gratuity Fee concession for wards TA/DA to staff members for office and academic work
Non-teaching	Provident Funds Insurance Group Insurance Medical Insurance DCPS Gratuity Fee concession for wards TA/DA to staff members for office and academic work
Students	Insurance Government of India Scholarship Fee waiver

6.5. Total corpus funds generated

6.6. Whether annual financial audit has been done Yes No

6.7. Whether Academic and Administrative Audit (AAA) have been done?

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

6.8. Does the University/Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9. What efforts are made by the University/Autonomous College for Examination Reforms?

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

6.11. Activities and support from the Alumni Association

- Alumni information properly collected and documented
- Cash prizes/awards for the toppers in the university examinations sponsored by the teaching and non-teaching staff
- Regular alumni interactions with students at least once in academic year
- Received donations and books from the alumni
- Supports for campus recruitment
- Eligible alumni given priority to serve in the college on clock hour basis (CHB)

6.12. Activities and support from the Parent-Teacher Association

- Formation of Parent-Teacher Association continued
- Organized Parents-Teachers meet at least once in a academic year
- Collected feedback from the parents
- Constructive suggestion from the parents were discussed and action taken
- Parents regularly informed about the progress of their wards
- Parents of the newly admitted students were invited during induction programme and Principal's address.

6.13. Development programs for support staff

- Easy process for granting the leave to the staff under Faculty Improvement Programme (FIP) of the UGC.
- Timely granting permission for attending Refresher/Orientation/Short Term and Training programmes
- Timely placement and fixation of faculty members under Career Advancement Scheme (CAS)
- Relieving the teaching staff for attending conferences/seminars/workshops/symposia
- Organization of training programmes for non-teaching staff on Computer Literacy
- Organization of training programmes for teaching staff for incorporation of ICT in teaching-learning
- Free hand to the teaching staff for organization of academic activities in collaboration with other institutes
- Procurement of research based sophisticated instruments
- Interdepartmental mobility for utilization of instruments available
- Organized ICT base training programmes

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

- Regularly organized campus cleanliness programme through NSS volunteers
- Continued waste water management practice
- Vermicomposting activities using bio-degradable waste and leaf litter continued
- Organization of mass plantation program in collaboration with Social Forestry Department

- Strict ban on plastic usages in the campus continued
- Organization of student's awareness rallies on the eve of World Environment Day, Wild Life Week in collaboration with Forest Department
- Regular plantation of ornamental and shady plants in the free space of campus
- Cultivation of medicinal plants and plants for study material in Botanical Garden
- Observation of one day in a week as No Vehicle day
- Dumping of waste and hazardous chemicals separately
- Waste obtained from computers and accessories sold regularly as scrap to local vendors
- Regular maintenance of the toilets and lavatories

CRITERION – VII

INNOVATIONS AND BEST PRACTICES

7.1. Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Innovative Practices	Impact
Regular prayer and national anthem	Inculcation of national integrity
Reading of preamble of constitution	Creating awareness towards constitutional responsibilities among students
Reviewing of thoughts of Dr. Panjabrao alias Bhausheb Deshmukh on social aspects	Creating awareness towards social responsibilities
Enhancement in ICT based teaching	Economization of time, effective teaching through PPTs, videos and other links for quality delivery
Organization of essay competition	Creating awareness about current issues
Organization of allocation exhibition	Addressing burning issues at the national level
Organization of students social gathering	Holistic development by providing platform to the students for exhibition of their hidden assets
Organization of students seminars	Engaging students in participatory learning process
Organization of students group discussions	Platform for exchange of ideas on the topic
Circulation of study material	Enhancement in performance in university examination
Organization of guest lectures	Awareness regarding advances in the subjects
Organization of study tours	Practical and onsite experimental learning

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

Sr. No.	Agenda item	Action taken
1.	Extension of outreach activities	1. Organized 1. Training programme on Bee Keeping, 2. One day workshop for farmers at Golewadi, 3. Distributed 15 bee colonies to farmers at 50% subsidized amount shared by Bee the Change, Mumbai (Rs. 37500/-)
2.	Career Oriented Courses	One career oriented course in Botany completed, whereas other in Chemistry subject continued with 31 students
3.	Up-gradation in infrastructure	Construction work of two storied extension building initiated with the budget estimate of 1.6 crore
4.	Library enrichment	Added new titles of Text and Reference Books with expenditure of 43141/-
5.	Organization of conference	Organized UGC sponsored one day national level conference in Chemistry entitled "Impact of human activities on environment"

6.	Visit to industries/ Laboratories /Field visit	Organized plant excursion tour and field visits to sericulture center
7.	Circulation of notes	Circulated the printed format of self-prepared notes to the students for further enhancement in university results
	Guest lectures	Organized guest lectures in various subjects
	Effective teaching-learning process	Use of ICT tools in teaching-learning enhanced by the faculties
	Conduct of extra classes	Conducted extra classes for the early completion of syllabus
	Blood donation camp	Organized Blood Donation camp in and collected 60 bottles of blood
	Student's participation	Students were involved in various curricular and co-curricular activities
	Student's seminar	Organized student's classroom seminar and group discussion
	Social activities	07 days NSS camp with 50 units at Mangli village
	Incorporation of formal feedback system	IQAC collected and analyzed the feedback from students, parents, employer and alumni. Feedback analyzed and recommendations handed over to head of the institution for implementation

7.3. Give two Best Practices of the institution

Best Practice-1

1. Title of the practice:

‘PAWAN PATTERN FOR TEACHING-LEARNING’

2. Objective of the Practice:

The well-established best practice in the area of teaching-learning initiated by the institution was continued. It aimed at providing healthy environment and sound platform to the students of rural area for the overall development of their personality and to enhance their performance in the university level examination through various academic activities and participatory learning.

3. The Context:

Promotion of the academic talent among the average students of the rural area admitted to the college is the prime objective of the institution. The students belonging to both the sexes are encouraged to participate in various academic and extra-curricular activities for capacity building and to make them socially responsible personality. We attempt to enhance the academic excellence of the students through the meticulous monitoring, personal attention and continuous evaluation of their academic performance.

4. The Practice:

Following the reservation policies of the government, the students are admitted in the first year purely on merit basis through the scrutiny of the received applications by the admission committee. Newly admitted students along with their parents are invited for the Principal's address. The students and the parents are informed about the rules and regulations, discipline, student supporting facilities, schemes available in the institution as well as the evaluation process followed by the institution. Students and the parents are informed about the highlights and course content by heads of respective departments. Initial lectures are devoted to the refreshment of knowledge based on the previous year curriculum creating an interactive session.

At the beginning of the academic session, the students are made aware about the syllabus by the subject teachers. Every teachers provide the self-prepared notes and related study material to the students. Regular class wise attendance and submission of the reports on irregular students to the office of Principal is made mandatory for every teachers. Academic performance of the students is checked by continuous monitoring system (CMS) developed by the institution and named as "Pawan Pattern". It includes

- Identification of slow and advanced learner and personal guidance to them
- Regular conduct of unit test and surprise test after the completion of each unit
- Timely evaluation of answer sheets and returned it to the students with specific remarks
- Organization of student's classroom seminar and group discussion by distributing the topics from the syllabus and related with the subject
- Preparation and circulation of self-prepared notes and question banks in all subjects
- Distribution of topics for assignments and evaluation of assignments
- Organization of study tours and visits to industry and reputed laboratories
- Demonstration of practical by the teachers
- Conduct of test practical examination based on university practical examination, and special session for viva-voce and circulation of probable viva-voce questions

- Organization of extra classes and efforts for early completion of syllabus so as to provide the students ample time for preparation
- Conduct of college level annual terminal examination prior to university examination
- Focus on participatory teaching-learning method
- Encouragement to the students for active participation in academic and co-curricular activities
- Personal attention to the each and every students and solving their problems
- Felicitations of the students for their excellence in performance and other achievements

5. Evidence of Success:

Most of the students admitted to the first year are from rural backgrounds and are having average performance in the qualifying examination. Our continuous and hardworking efforts resulted in the improvement in successive manner and yielded 100% results in few subjects in the university examinations. The students acquired meritorious positions in the university examination, Particularly Mr. Manoj Warmbhe ranked 4th in with university merit list in physics subject. We have the excellent record of toppers in science stream from both Bhandara and Gondia districts. We have more number of students getting admitted in various institute for post-graduation and for other studies. Encouragement and guidance to the students have resulted in the achievements of students in various extra-curricular activities.

6. Problem Encountered and Resources Required:

Most of the students admitted are from rural area and from economically weaker families. Technological resources are not sufficiently available in most of the part of the region. English language is the main barrier in communication with the students. Inadequate transportation facilities hamper the student's efforts for spending extra time in the college. Few of the villages, particularly in forest areas are not having the network connectivity that created barrier in timely communication of the information. We have limited resources available being working in the remote area.

7. Notes (Optional):

The teaching-learning pattern developed and implemented by the institution has proved to be fruitful in academic improvement of the students. It also brought the name and fame to the institution to be one of the best institutions in the rural area. We are not only concerned with the academic development of the students but also looking after the personality development providing sound platform to them for the exhibition of their hidden assets. It received wide mouth publicity through the passed out students and that resulted in receiving more number of applications for the admission. The academic platform developed has also created healthy competition among the students and helping them to build their career.

Best Practice-2

1. Title of the Practice:

‘BEE WITH FARMERS’

2. Objective of the Practice:

The practice “Bee with Farmers” initiated by the institution with the following prime objectives

- The practice was strengthened following the vision of Dr. Panjabrao alias Bhausaheb Deshmukh, the first Agriculture Minister, Government of India and founder President of the parent organization
- Utilization of local rich agricultural and forest bio resources.
- Creating awareness among students and the farmers about organic farming and
- Providing financial support to the farmers through various government schemes
- Increasing agricultural production with minimum inputs by providing pollination services by beekeeping, and
- Creating employment opportunities for youth and farmers from rural area.

3. The Context:

The local area within the radius of about 50 km is rich in natural resources. The soil in the area is mostly black and fertile with abundance of water resource available from the Basin of Vainganga River and the big Gose dam constructed over the river. Most of the portion of area is covered by evergreen and deciduous forest type. However, the farmers are following the traditional farming practice and hence the agricultural production per hector is very low compared to the national average production. Similarly, there are no medium or large industry set up and hence, the youth from tribal and farmer’s families have migrated towards urban areas of the state as well as adjoining states in search of the employment opportunities due to low economic income and scarcity of employment opportunities.

Rapid industrialization, indiscriminate use of pesticides, monoculture, deforestation and the pollution agents viz. insects in general and bees in specific have been dramatically declined significantly that has affected the population of pollinating agents that consequently resulted in decrease in yield in several crops more specifically oil seeds, vegetable, horticultural and other fruit crops. The reasons for decline in agricultural production has been analyzed by the faculties from department of Zoology and Botany during the course of research on apiculture and melitopalynology. Similarly, it was observed that unused pollen and nectar resources can be commercialized by using value added products like honey, wax, pollen and propolis. The agro-climatic condition of the area found to be potentially suitable for beekeeping which would help not only in enhancing the agricultural production but also creating employment opportunities for the youth in the area. Thinking on technology transfer from lab to the field for the social cause, department of Zoology has taken an initiative to gather the farmers and the youth, to guide them on the potential benefits of beekeeping practices by organizing

workshops/seminars and other practical activities. With the activity undertaken by the institution we are connected with farmers and trying to pay towards the society in a constructive way. We named this activity as “**BEE WITH FARMERS**”.

4. The Practices:

The activity initiated by the institution initiated for the farmer's received overwhelming response from the farmers. Faculties are actively engaged in awareness, training and providing the financial support to the farmers in collaboration with government and NGOs. We have widen the spectrum of activity to the periphery of both Bhandra and Gondia districts. The practice involves following major aspects:

- **Organization of workshop:** The institution has organized training workshops on potential of honey bees in pollinating the crop plants and subsequent enhancement in agricultural production as well as creating employment opportunities for the youth.
- **Organization of Beekeeping Training Program:** Organized three and five days training workshop for farmers and youth on benefits of bee keeping, handling of bees and their successful rearing for the establishment of colonies.
- **Assistance for Beekeeping:** Sharing of scientific information, guidance and technical assistance to the farmers and youth regarding handling, maintenance of bee colonies and harvesting in the lab and on the field.

5. Evidence of Success:

The activity was appreciated by most of the farmers and other NGOs working on the same aspect. The practice is well appreciated by the farmers that resulted in continuous demand for the training workshops. After looking into the socio-economic impact of the activity, Be The Change NGO from Mumbai has extended their hands by providing financial support for the farmers. We obtained reports from the farmers in substantial enhancement in agricultural production without the application of hazardous chemical fertilizers. It was a positive steps towards the extension of organic farming and consequently minimizing the health issues in the society. The farmers developed the skill of raising the bee colonies and getting financial support by selling these colonies to the other farmers of the area. Few of the colonies were also established in the college campus and is used for training to the farmers, youth, students as well as academicians.

6. Problem Encountered and Resources Required:

- Financial problem of the farmers to purchase the bee colonies.
- Farmers require financial assistance from the reliable government and NGOS
- Institution has at initial stage of setting up the extension of the activities
- Skillful human resources are inadequate and need to be develop
- Due to social and educational backwardness, more time will require to the farmers to adopt to the new area of farming in place of traditional farming practices

- Urgent need of establishment of beekeeping based industry in the area
- Immediate need of acknowledgment by the government and provision for the financial support.

6. Important to Note (Optional):

Faculties from Botany and Zoology departments have submitted major research project proposal to UGC for initiation and financial support on the aspects of honey bee. Two research students are working on the related aspects under the guidance of two faculties from Botany and Zoology department. Scientific findings of the research shared with farmers for their welfare. We plan to extend the activity at large scale to make it a mass public movement and also try to procure financial assistance from the government sector. We also planned to have strong linkage and MOU with KVIC for organization of awareness and training programme and to strengthen the activity. We are also thinking on collaborative work with NGOs within and outside the state to create job opportunities for the students and the youth of the area.

7.4 Contribution to environmental awareness /protection

- Fencing of entire campus completed
- Mass tree plantation in the available space
- Conducted campus cleanliness programme through NSS volunteers
- Waste water management practice continued
- Active vermicomposting practices using bio-degradable waste and leaf litter
- Plastic usage in the campus strictly prohibited
- Organization of student's awareness rallies on the eve of World Environment Day, Wild Life Week in collaboration with Forest Department
- Conservation of medicinal plants and plants in Botanical Garden
- Observation of one day in a week as No Vehicle day
- Dumping of waste and hazardous chemicals separately
- Waste obtained from computers and accessories sold regularly as scrap to local vendors
- Organized guest lectures on water conservation, biodiversity, environmental pollution, global warming and sustainable development

7.5. Whether environmental audit was conducted? Yes

No

Received audit report from the committee constituted for environmental audit. The committee of the faculty members of the institution have made few recommendations. The survey report submitted by the committee was analyzed for the recommendations on maintaining eco-friendly campus. Following steps were taken.

- **Green campus:**

Removed the unwanted grass and weeds from the campus ground after the monsoon is over and dumped in vermicomposting pits. Mass tree plantation programme organized in collaboration with government and non-government organizations. Greenery in the campus maintained. Number of ornamental plants in pots in the corridor and the spaces available was enhanced. Seasonal vegetables grown in the space available in the campus. Medicinal plants grown in Botanical garden

➤ **Power:**

Class rooms with provisions for sufficient natural light and aeration. Laboratories with proper ventilations and exhaust fans. Tube lights and old bulbs replaced with LED bulbs and light.

➤ **Water:**

Waste water managed properly. Rain water is stored in tank connected with the water drainage. Stored water used for watering plants. Provision for percolation of water to enhance ground table of water

➤ **Waste disposal:**

Usages of plastics and plastic products in the campus is strictly banned. Waste material disposed and dumped regularly. Requested the local Nagar Palika authorities for the daily collection of waste material. Leaf litters and other waste used for vermicomposting practices.

7.6. Any other relevant information the institution wishes to add.

Continued the good and healthy practices in the college. Few of them listed below:

- Massive tree plantation programme organized
- Cleanliness awareness program undertaken. Every year campus cleanliness programme conducted on 2nd October, on the eve of Mahatma Gandhi Jayanti, by participation of NSS volunteers and other students.
- Save energy concept practiced by faculties and students.
- Students were sensitized on minimization of power consumption.
- Energy campaign day is celebrated by NSS unit.
- Replacement of old bulbs and tube lights with LED lights to save power consumption.
- Strict ban on usage of plastics in the campus
- Waste material collected daily and disposed regularly through buyback policy with the local vendors.
- Vermicomposting activities extended.
- Outreach activities enhanced
- E-waste is disposed regularly through buyback schemes.

SWOC ANALYSIS

Strengths

- Location of the institution in pollution free and eco-friendly atmosphere, away from the residential area
- Thrust to the holistic development of students
- Focused on overall personality development of the students
- Being undergraduate institution, teaching is our priority
- Maximum number of teaching faculty (more than 95%) with Ph.D. as highest qualification
- Excellence in performance of the students
- Performance and result oriented teaching-learning system established
- Establishment of work culture with proper coordination among the staff
- Teacher-students relationship enabling the teacher to act as a mentor and guide of the students in solving academic and personal problems of the students.

Weaknesses

- Being serving in remote area least facilities are available
- Unavailability of infrastructure for active research
- Insufficient scope for industry collaboration
- Library space needs to be enhanced
- Recruitment of faculties centralized with parent organization
- Auditorium in the campus is insufficient to meet the requirements of the college for organization of academic events
- Non-availability of the women staff in the college
- Playground for sports activities is insufficient
- Shortage of Journals and Reference books in few departments
- Laboratories are not recognized for doing active research
- Research students to be enrolled in collaboration with other recognized institutions
- Majority of the students are from poor and farmer's family and cannot afford the fees for self-financing courses

Opportunities

- Opportunity for initiation of PG and other skill based courses
- Recognition of research laboratories
- Scope for initiation of junior wing in science stream with different combinations of subjects
- Tremendous scope for extension activities for farmers and youth of the area
- Opportunity for the inculcation of value based education
- Scope for initiation of skill based courses for employability generation
- Opportunity for procuring support from alumni, well-wishers and philanthropists

- Scope for developing linkages with industries and other academic institutes

Challenges

- Majority of the students from economically, socially and educationally backward class
- English is the language barrier
- Enhancement in infrastructure facility
- Challenge of enhancing students strength
- Being focused primarily on teaching and completion of syllabus before university examinations, difficult for students and the teachers to manage time for extracurricular activities.
- Big challenge of enhancing the performance of the average students in the university examinations
- Little scope for collaborative research with industries
- Challenge for enhancement in active research at the institution level

8. Plans of institution for next year

The IQAC in its meeting held on **28th April, 2015** discussed and finalized the perspective action plan for the academic session 2015-2016.

► IQAC:

- Strengthening of IQAC for the development of a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution,
- Reconstitution of IQAC by the incorporation of representatives from different stakeholders as per the recent guidelines provided by NAAC
- Documentation of various activities for the preparation of AQAR

► Up-gradation of infrastructure facilities:

- Preparation of budget estimation for the extension of infrastructure facilities,
- Seeking for the financial support and the approval from the parent organization.

► Library enrichment:

- Purchase of new titles of Text and Reference books in the library as per the requirement received from different departments.
- Subscription of different journals related to the subjects offered
- Purchase of library software

► Fund generation:

- Preparation and submission of project proposals to different funding agencies for the generation of funds

- Approaching to the alumni and philanthropists for the financial support and other kind of services,

► **Academic improvement:**

- Effective measures to be taken for the improvement of results
- Motivation to the students for active participation in various academic activities
- Enrichment in publication of books and research articles by the faculty members
- Enrichment in research activities under the guidance of registered Ph.D. supervisors,
- Collection and analysis of feedback from students, alumni, parents and employer

► **Teaching-learning process:**

- Optimization and integration of modern methods of teaching and learning
- Organization of guest lectures and student's seminar, group discussion and other academic activities,
- Organization of excursion tours, industry visits and field survey

► **Enrichment of outreach activities:**

- Organize various farmer oriented training programmes on sustainable agriculture
- 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 issues,

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