



Sudam Shikshan Prasarak Mandal's

## **Matoshri Nanibai Gharphalkar Science College, Babhulgaon, District Yavatmal (Maharashtra)**

Affiliated to

Sant Gadge Baba Amravati University, Amravati (M.S.)

UGC 2(F) & 12(B) Recognised

NAAC Accredited With Grade 'B'



**AQAR Form 2017-2018**

**NAAC TRACK ID : MHCOGN22761**

Principal

Matoshri Nanibai Gharphalkar Science College,  
Babhulgaon, District-Yavatmal (M.S.)

Website: [www.mngsciencecollege.ac.in](http://www.mngsciencecollege.ac.in)

Email: [mng.babhulgaon@gmail.com](mailto:mng.babhulgaon@gmail.com)

## NAAC

### VISION

*To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.*

### MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

### Value Framework

To promote the following core values among the HEIs of the country:

- Contributing to National Development*
- Fostering Global Competencies among Students*
- Inculcating a Value System among Students*
- Promoting the Use of Technology*
- Quest for Excellence*

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*Document revised by: Dr. Ganesh Hegde, Deputy Adviser and B. S. Ponmudiraj, Deputy Adviser, NAAC*

Part – A

**I. Details of the Institution**

1.1 Name of the Institution

Matoshri Nanibai Gharphalkar Science College Babhulgaon

1.2 Address Line 1

Babhulgaon

Address Line 2

Dist. Yavatmal

City/Town

Babhulgaon

State

Maharashtra

Pin Code

445101

Institution e-mail address

Mng.babhulgaon@gmail.com

Contact Nos.

07203-270250

Name of the Head of the Institution:

Principal Dr. A. P. Deshpande

Tel. No. with STD Code:

07203-270250

Mobile:

9404848496

Name of the IQAC Co-ordinator:

Prof. O.K.Kapse

Mobile:

9595540877

IQAC e-mail address:

Kapseomkar88@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN22761

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC(SC)/19/A&A/33.1

1.5 Website address:

mngsciencecollege.ac.in

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.16	2016	2021
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

05/07/2014

1.8 AQAR for the year (for example 2010-11)

2017-2018

1.9 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 \_\_\_\_\_ Nil \_\_\_\_\_ (DD/MM/YYYY)4

ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)

iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)

iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.10 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

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Sant Gadge Baba Amaravati University  
Amaravati

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

Nil

University with Potential for Excellence	Nil	UGC-CPE	Nil
DST Star Scheme	Nil	UGC-CE	Nil
UGC-Special Assistance Programme	Nil	DST-FIST	Nil
UGC-Innovative PG programmes	Nil	Any other ( <i>Specify</i> )	Nil
UGC-COP Programmes	Nil		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	07		
2.2 No. of Administrative/Technical staff	01		
2.3 No. of students	01		
2.4 No. of Management representatives	01		
2.5 No. of Alumni	01		
2.6 No. of any other stakeholder and community representatives	01		
2.7 No. of Employers/ Industrialists	01		
2.8 No. of other External Experts	Nil		
2.9 Total No. of members	13		
2.10 No. of IQAC meetings held	02		
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

As per the University guidelines & norms students seminar reports and demos were conducted

2.14 Significant Activities and contributions made by IQAC

Organized NSS camp at Village

Medical camp

Organized Parent-teacher meeting

Cleanliness awareness programmed under Swaccha Bharat Abhiyan

Organized biodiversity conservation program.

Guest lecture and workshop on Edible Mushroom Cultivation

Organized Self Defense training program for Women

Celebration of Independence Day, International Yoga Day, Nutrition day, Forest conservation day, Hindi Diwas, Republic Day, National Science Day etc.

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
To Reconstitute of IQAC committee as per requirement	The IQAC is reconstituted which includes Teachers, Administrative Staff, Technical staff, Stakeholder, Management Representatives, External Experts, Alumni, Student Representatives etc.
To encourage all departments to conduct Conference / Seminars / Workshops/Guest Lecture of Eminent Personalities	Department of Computer science Organized Gueest Lecture on "Cyber Ethic" Department of Physics Organized the Construction of Parrabolic Solar Cell & Working Demo Department of Physics organized Guest Lecture on Dielectrics By Dr. M. P. Lokhande Department of Chemistry Organized Guest Lecture. Department of Computer Organized
To encourage faculty members and students to participate various conferences and seminars	Faculty members and students participated in various international, national and state-level conferences/ seminars/ workshops Faculty members and students participated in various international, national and state-level conferences/ seminars/ workshops
To encourage students to participate in college, university and national level sports	Students actively participated in college, university and national level.
To Conduct Academic Audit	Academic Audit conducted by IQAC.
To arrange Parent Teacher Meet	The Parent - Teacher Meet was arranged and a feedback was taken.
To take feedback from students	Feedback collected from students at the end of session

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

Part – B

Criterion – I

**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				
PG				
UG	01		01	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	01		01	
Interdisciplinary				
Innovative				

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

**Nil**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	01
Trimester	
Annual	

1.3 Feedback from stakeholders\* (On all aspects) Alumni  Parents  Employers  Students

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

\*Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Department Of Botany
Department of Environment Science
Department of Zoology

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
08	07	00	01	00

2.2 No. of permanent faculty with Ph.D.

03

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
05	12	Nil	Nil	01	Nil	Nil	Nil	05	12

2.4 No. of Guest and Visiting faculty and Temporary faculty

02      09

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	02	01	02
Presented papers	02		
Resource Persons			

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

- Students Seminars are organized by all the departments.
- Teacher Mentor scheme for students
- Study materials are shared with students.
- Teaching faculty and students are encouraged to use latest technology such as LCD,
- Internet etc., in the teaching learning process

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

192
-----

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

Unit Test, Assignments, Assessment by Internal Examination, Seminars, Tutorials, Group Discussions, Group Assignments, Projects, Debates, Surprise Test, Quiz Competition on Syllabi etc.
---

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

Nil	Nil	Nil
-----	-----	-----

2.10 Average percentage of attendance of students

76%
-----

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc. – I Sem - II	99					66.66%
B.Sc. – II Sem - IV	70					11.43%
B.Sc. – III Sem - VI	68		04	16		79.41%

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

- Internal Academic Audit is conducted at the end of every semesters for the assessment of progress of Teaching & Learning processes
- Support is given to arrange Guest lectures / Conferences / Seminars/ Workshops / ISR for Teachers and Students in the College.
- Learning facilities are enhanced in the form of ICT support, Reference Books, Equipments etc.
- Result analysis is discussed in IQAC meetings, College Council's meeting and Local Management Committee's meeting
- Regular visit to the departments to monitor the functioning of the departments.
- Yearly Assessment of every teacher is conducted through Self Appraisal- Academic Performance Indicators. (API) for evaluation of Teaching activities, Extension Activities and Research.
- Parent-Teacher Meet are arranged to discuss the academic progress of the students
- Feedback from student on Teaching are collected, Analyzed and communicated to the respective teacher for improvement.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	01
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent	Number of Vacant	Number of permanent	Number of positions filled
----------	---------------------	------------------	---------------------	----------------------------

	Employees	Positions	positions filled during the Year	temporarily
Administrative Staff	07	00	00	00
Technical Staff	06	00	00	00

### Criterion – III

### 3. Research, Consultancy and Extension

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

- Newly appointed teaching staff as well as graduate students are encouraged to participate in various National and International conferences, seminars, similarly for guiding students for their projects at Under Graduate level such as „Avishkar“ organized by SGBAU,
- Students are encouraged to participate in research activities like Avishkar organized by SGBAU,
- Display of notices with respect to conferences, seminars, workshops, training programmes for Teaching staff & ug Students.
- Interaction of the students with the scientists from various industries and institutes. Visits are arranged for students to various research organizations.
- U.G. students are encouraged and motivated to take part and perform experiments in small research projects.
- Provide infrastructure for in-house and inter-departmental research projects.
- U.G. students are encouraged and motivated to take part and perform experiments in university Experimental Competition

#### 3.2 Details regarding major projects. Nil

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

#### 3.3 Details regarding minor projects Nil

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

#### 3.4 Details on research publications : Yes

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

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 organisations **Nil**

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

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 : **Nil**

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 **Nil**

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons **02**

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year **Nil**

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 : **Nil**

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

01
02

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	<input style="width: 50px; height: 20px;" type="text"/>	SRF	<input style="width: 50px; height: 20px;" type="text"/>	Project Fellows	<input style="width: 50px; height: 20px;" type="text"/>	Any other	<input style="width: 50px; height: 20px;" type="text"/>
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3.21 No. of students Participated in NSS events: **50**

University level	<input checked="" type="checkbox"/>	State level	<input style="width: 50px; height: 20px;" type="text"/>
National level	<input style="width: 50px; height: 20px;" type="text"/>	International level	<input style="width: 50px; height: 20px;" type="text"/>

3.22 No. of students participated in NCC events: **Nil**

University level	<input style="width: 50px; height: 20px;" type="text"/>	State level	<input style="width: 50px; height: 20px;" type="text"/>
National level	<input style="width: 50px; height: 20px;" type="text"/>	International level	<input style="width: 50px; height: 20px;" type="text"/>

3.23 No. of Awards won in NSS: **Nil**

University level	<input style="width: 50px; height: 20px;" type="text"/>	State level	<input style="width: 50px; height: 20px;" type="text"/>
National level	<input style="width: 50px; height: 20px;" type="text"/>	International level	<input style="width: 50px; height: 20px;" type="text"/>

3.24 No. of Awards won in NCC: **Nil**

University level	<input style="width: 50px; height: 20px;" type="text"/>	State level	<input style="width: 50px; height: 20px;" type="text"/>
National level	<input style="width: 50px; height: 20px;" type="text"/>	International level	<input style="width: 50px; height: 20px;" type="text"/>

3.25 No. of Extension activities organized

University forum	<input style="width: 50px; height: 20px;" type="text"/>	College forum	<input style="width: 50px; height: 20px;" type="text"/>
NCC	<input style="width: 50px; height: 20px;" type="text"/>	NSS	<input checked="" type="checkbox"/>
		Any other	<input style="width: 50px; height: 20px;" type="text"/>

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

- National Disaster Management
- Self Defence Program for Women
- Cleanliness Drive

- Road Safety Driving Awareness Program
- Felicitation of eminent ex Teachers on the Occasion of “Teachers Day”
- Poster Presentation on the occasion of “National Science Day”

### Criterion – IV

#### 4. Infrastructure and Learning Resources

##### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	7 Acres	00	Nil	7 Acres
Class rooms	06	03		09
Laboratories	04	03		07
Seminar Halls	01	00		01
No. of important equipments purchased ( $\geq 1-0$ lakh) during the current year.	04	03		
Value of the equipment purchased during the year (Rs. in Lakhs)	18.36	1.54		19.90
Others				

##### 4.2 Computerization of administration and library

LibSoft Library Management Software
LibSoft Office Automation Software

##### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	721	25225	230	10400	951	35625
Reference Books	2197	176007	170	50000	2367	226007
e-Books						
Journals	21	21850			21	21850
e-Journals						
Digital Database	01	5900			01	5900
CD & Video	50	-			50	-
Others (specify)	01	-			01	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	24	17	24	-		04	02	01
Added	-	-	-	-	-	-	-	-
Total	24	17	24	-	-	04	02	01

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

- Every department has been provided with computers, and internet system.
- Expansion of e-technology has enhanced the use of computers in curriculum development, teaching-learning, evaluation and research and LCD facility to departments.
- Students are encouraged to make use of computers for Power Point Presentations of their seminars and projects.
- Broadband internet connectivity is given to all the departments. Internet browsing is available for teachers and students at the Computer Laboratory free of cost during the working hours of the department.
- Computer Access Centre is established for non computer students.
- All faculties are having the self learning sufficient experience of internet, laptop, tablet & multimedia technology.

4.6 Amount spent on maintenance in lakhs :

i) ICT	0.35
ii) Campus Infrastructure and facilities	1.10
iii) Equipments	1.54
iv) Others	0.5 Lakhs
<b>Total :</b>	<b>3.49</b>

## Criterion – V

### 5. Student Support and Progression

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

- The institution publishes its updated prospectus and handbooks annually.
- The information content is disseminated to students at the beginning of every academic year.
- The Heads of Department explain the course material and question pattern.
- The students responses are collected through questionnaire, designed by IQAC.
- The NRC provides the internet and computer facilities, Xerox facility are available with the Cooperative store for students needs.
- College website is updated regularly.
- Academic Calendar and Information published through Notice Board.
- CCTV surveillance facility is updated.
- E- communication of students related activities.

#### 5.2 Efforts made by the institution for tracking the progression

- The Alumni Association maintains consistent correspondence with alumni.
- Tutors in the Tutor-Ward system and Counselors provide necessary guidance to students in the choice of their career.
- The Dept. of Faculty guide / helps students in personality development.
- Add-on courses help students get employment opportunities.
- Every department maintains a register for recording the progress of students.
- Remedial coaching, extra classes, guest lectures, internal unit tests and assignment.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
262	-	-	-

(b) No. of students outside the state

0

(c) No. of international students

0

Men	No	%	Women	No	%
	156	59.55		106	40.45

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
58	43	34	127	0	262	76	56	35	143	0	310

**Demand ratio 01:01**

**Dropout : 2.5%**

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

Competitive examination guidance centre is established in the college which conducts regular programmes on every Saturday. Guidance from experts is provided from time to time.

No. of students beneficiaries

55

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text"/>

5.6 Details of student counselling and career guidance

The special lectures for the communication skill & Career Guidance were delivered by Dr. Harshlata Petkar & Mr. Ravikiran Bhojane. Students' response to these classes was also very good. Also conducted lectures on general science covering fundamental science part from the syllabus. Scientific movies covering general concept like origin of earth, Gravity, Interstellar, Cyber Law, Evolution of life, Galaxies, etc have been displayed.

No. of students benefitted

90

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.8 Details of gender sensitization programmes

The birth anniversary of "Savitribai Phule Jayanti", is celebrated as strengthening women power.

The workshop on "**Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013**", was organized in which Lecture was delivered by Adv. Dindilata Kamble on women rights.

5.9 Students Activities

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

State/ University level

11

National level

International level

No. of students participated in cultural events

State/ University level

15

National level

International level

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

00

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	<b>Nil</b>	<b>Nil</b>
Financial support from government	84	5,93880 /-
Financial support from other sources	<b>Nil</b>	<b>Nil</b>
Number of students who received International/ National recognitions	<b>Nil</b>	<b>Nil</b>

5.11 Student organised / 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: Nil



## Criterion – VI

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

**Vision :**

- To start courses in Geology, Biochemistry and Statistics.
- To start Post Graduate course in all Branches.
- Starting research activities in pure as well as applied field.
- To start constructive activities that are helpful to society at large.

**Mission :**

- Providing best science education in rural area to meet the scientific challenges and contributing scientific research of the country.

#### 6.2 Does the Institution has a management Information System

Yes, Administrative procedures including

1. Finance and Audit
2. Teachers Diaries
3. CDC Meetings

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

##### 6.3.1 Curriculum Development

- The curriculum prepared by the University is implemented by the college.
- The syllabi are modified and revised by the university from time to time

##### 6.3.2 Teaching and Learning

- ICT-enabled teaching-learning process has made students active participants in the classroom.
- Apart from classroom interaction, the following methods are used.
- Learning is initiated through group discussion, seminars, debates, quiz, viva, etc.
- Inquiry-based learning is provided through industrial visit and fieldwork.
- Multimedia/ ICT mode of Teaching, Simulations and animations
- To promote practical based learning seminars are conducted for the students.
- Advance learners are given assignment of designing and developing new experiments based on theory.

#### 6.3.3 Examination and Evaluation

- The examination is conducted as per the University norms.
- The exam conducted at the College level like sessional and unit test are evaluated at the college level and result is communicated to the students
- Semester system with Continuous Internal Assessment (CIA) is followed.
- The Principal and the Heads of Department monitor the performance of the students by making an analysis after every internal test and external examination.

#### 6.3.4 Research and Development

- The students and Teachers are encouraged to participate in Avishkar, University level Seminars and Experimental Competition.
- The teachers are supported with some financial support to attend the conferences / seminars / workshops etc.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Use of advanced technology is encouraged to make library services more effective and convenient.
- All the required equipments as per the syllabus are purchased and made available to the students.
- In addition to the instruments prescribed by University, advanced equipment are purchased for promoting research

#### 6.3.6 Human Resource Management

- The state Govt. rules, regulations and reservation policies are strictly adhered for the recruitment of teaching and nonteaching staff.

6.3.7 Faculty and Staff recruitment

- Regulations and norms of UGC, Govt. of Maharashtra and SGBAU are followed for staff recruitment.
- Classroom demonstration is conducted in addition to the formal interview.
- Preference is given to those fulfilling basic requirements but also have additional qualifications.

6.3.8 Industry Interaction / Collaboration

- College has MOU with two Industries to establish collaboration with industry for exchange of information research and training to the students.
- Students visit the industries every year

6.3.9 Admission of Students

- The College students admission as per the university Norms. Since last year the college admissions are online.
- Use of technology for making admission process effective, transparent and convenient to the student through online admissions.
- College has used LibSoft Office Automation software.

6.4 Welfare schemes for : **Nil**

Teaching	
Non teaching	
Students	

6.5 Total corpus fund generated

3400 /-

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	yes	Parent Management	yes	IQAC
Administrative	yes	Parent Management	yes	Parent Management

6.8 Does the University/ Autonomous College declares 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?

Not applicable

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

Last two year the University has authorized the colleges to conduct the examination, valuation of the answer books and declaring results of Sem – I and Sem –II at the college level.

6.11 Activities and support from the Alumni Association

Alumni interact with the stakeholders namely teachers, non teaching staff and present students every year.

6.12 Activities and support from the Parent – Teacher Association

The College arranges Parent-Teacher meetings in order to make them aware about the facilities and activities of the college and their wards Based on feedback of the parents possible actions are initiated.

6.13 Development programmes for support staff

Meetings of Lab assistants and lab attendants are conducted for giving guidance on laboratory safety. Training activities like campus safety, use of fire extinguisher, lab safeties etc are conducted for their development. The support staffs are trained according to the needs of their specific departments.

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

- NSS unit of our college implemented some activities in the college and in the adopted village, and the college campus.
- Organized lecture of experts on this topic in NSS special camp and in college.
- Prepared and displayed posters / banners on this subject in NSS
- The Department of Computer Science donates the old versions of computers to the schools of our organization.
- The faculty members and students of Department of electronics and computer science of the college are working on different aspects of e-waste management.
- The college has full functional Rain Water Harvesting
- Use of renewable energy is promoted
- The college organized tree plantation program on occasion of National Environment Day in Campus.

**Criterion – VII**

**7. 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.

- The college has developed an innovative Centre for Teaching, Learning and Evaluation to strengthen the teaching learning activities.
- The college has Subscribed e-resources like N-list, and old books, various question papers and project report is in process.
- Use of OPAC is implemented

➤ **Use of ICT:**

The World is increasingly revolving on technological axis. To access internet via computer, Smart phone is fundamental, not just for individual for personal communication and creativity, but also for educational institution. In College, we are focusing on use of ICT. We are using digital technology for education and other services, and focus is on creating Best Digital Citizens. We have,

- Digital Classroom
- Advanced laboratories
- Use of ICT in the classrooms

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

All the plans chalked out during the beginning of the year as mentioned in 2.15 as in Part A, were completed successfully

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Soil and Water Testing for farmer

1) Title: **Soil Analysis:**

**Goal:**

Considering the need of our the Chemistry and Physics departments have taken an initiative to carry out soil analysis of agricultural land of different villages.

2) Title : **Solar Cooker Construction and demonstration**

**Goal :**

To promote the use of non polluted and alternate Energy sources for preservation and conservation of environment.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Environmental education course is conducted at the second year of all graduation as compulsory subject.
- The study material for the said course is prepared by the College for the benefit of students.
- Students are encouraged to undertake the projects on various issues of environment studies.
- Students are also constructed and demonstrated the eco-friendly solar cookers.
- Visits of the students are arrange as per the syllabus.

7.5 Whether environmental audit was conducted?      Yes                  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**8. Plans of institution for next year**

- The college plans for the Workshops in the following disciplines
- a) Epiculture
- b) Mushroom Cultivation
- c) Solar cookers
- d) Food Adulteration
- e) Acaustic Boards.
- The skilled oriented courses will be started shortly.
- The college planned to organize NET / SET classes.

Name: Prof. Omkar K. Kapse



Signature of the Coordinator, IQAC

Name :Principal Dr. Achyut P. Deshpande



Signature of the Chairperson, IQAC

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**Annexure I**

**[calendar 2017 2018-converted.pdf](#)**

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing



SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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