

# The Annual Quality Assurance Report (AQAR) of the IQAC 2014-15 MHCOGN11652-Brijlal Biyani Science College, Amravati Maharashtra.

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

## Part – A

### 1. Details of the Institution

1.1 Name of the Institution	Brijlal Biyani Science College
1.2 Address Line 1	Biyani Educational Campus
Address Line 2	Dasera Maidan Road, Amravati.
City/Town	Amravati
State	Maharashtra
Pin Code	444605
Institution e-mail address	biyani_college@yahoo.com
Contact Nos.	0721-2677011
Name of the Head of the Institution:	Dr. S. B. Lohiya
Tel. No. with STD Code:	[O] 0721-2677011, [R] 0721-2660834
Mobile:	9422856858

Name of the IQAC Co-ordinator:

Prof. R. Y. Narkhede

Mobile:

09423126357

IQAC e-mail address:

biyani\_college@yahoo.com  
rynarkhede@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879) **MHCOGN11652**

1.4 Website address:

biyanicollege.com

Web-link of the AQAR:

biyanicollege.com/Notice Board

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+	--	2004	Upto 2009
2	2 <sup>nd</sup> Cycle	B	2.64	2015	Upto 30 <sup>th</sup> April 2020
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

22-11-2004

1.7 AQAR for the year (*for example 2010-11*)

2014-2015

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 2013-14 submitted on -- 21.07.2014** online (through e-mail) (DD/MM/YYYY)

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 (*for the Colleges*)

Sant Gadge Baba Amravati University,  
Amravati

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

Autonomy by State/Central Govt. / University

No

University with Potential for Excellence	No	UGC-CPE	No
DST Star Scheme	No	UGC-CE	No
UGC-Special Assistance Programme		DST-FIST	No
UGC-Innovative PG programmes	Yes	Any other ( <i>Specify</i> )	
UGC-COP Programmes	Yes		

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

2.1 No. of Teachers	06		
2.2 No. of Administrative/Technical staff	01		
2.3 No. of students	Nil		
2.4 No. of Management representatives	03		
2.5 No. of Alumni	Nil		
2.6 No. of any other stakeholder and community representatives	Nil		
2.7 No. of Employers/ Industrialists	01		
2.8 No. of other External Experts	Nil		
2.9 Total No. of members	11		
2.10 No. of IQAC meetings held	03		
2.11 No. of meetings with various stakeholders:	No.		Faculty 04
Non-Teaching Staff	Nil	Students	
	Alumni	Nil	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

2.14 Significant Activities and contributions made by IQAC

1. Organized workshop on theme "One Teacher One Skill".
2. Encouragement to research activity and submission of Minor Research Projects.
3. Designing and implementation of Bridge Courses for B.Com. I and B.Sc. I
4. Prizes to Meritorious students at subject / department level.

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
<p><b>Proposed Plan for the year 2014-2015</b> It is proposed that all activities reported earlier should be continued with new idea and approach. IQAC expects improvement in the performance in all activities.</p> <p>1) The Dress code be continued for staff and uniform be prescribed for students.</p> <p>2) Each staff member of every department shall organize at least one student seminar per class / per semester for the students. The topic for the same shall be decided by the teacher concerned. Use of audio and visual aids is expected.</p> <p>3) Every teacher shall organize at least one programme under extension services or community services. The nature of the activity shall be decided by teacher concerned. The principal may be contacted for clarification.</p>	<p>Continued</p> <p>Organized by faculty members for each class.</p> <p>Could not done.</p>

4) Each department shall organize at least one Guest lecture per class covering any topic from syllabus.	Some departments have organized.
5) Each staff member shall deliver at least one lecture per class by using LCD projector and power point presentation to the students.	Done
6) a. All B.Sc. Final and B.B.A. Final students shall be allowed to keep the library books with them till their annual examination is over.	Continued.
b. M.Sc. Electronics, B.Sc. & B.B.A. Final year students shall be provided open access to the Library.	Continued
c. Computerization of the stock of the Library should finish in the year 2014-15.	Completed
d. Librarian shall maintain a suggestion cum complaint box in the library.	Yes.
e. Librarian shall arrange a book exhibition in the college for the students and the staff every year.	Not done.
f. Librarian shall collect yearly feed back from the staff and students.	Yes.
g. Books-Bank facility be continued for the students.	Yes.
c. One extension activity shall be organized by the library.	No.
7) a. As per IQAC's suggestion the assessment of teachers by the students by feed back method shall be continued. After analysis and comparison with last year's assessment, report shall be submitted to the Principal for suitable action.	Done.
b. IQAC suggests to continue assessment of the Principal's work by feedback method.	Done
c. IQAC suggests to introduce assessment of Librarian, DPE, Office staff and other key staff members by the students by feedback method.	Done
d. IQAC suggests the assessment of teachers by other teachers (peer review).	No.
8) Computer department shall arrange at least one training programme to introduce 'Net' to remaining teaching and non-teaching staff members.	No

9) At the time of medical check-up of the students, Blood Group and "Hb" counting shall be performed by the Zoology Department.	Yes
10) a. Games and Sports Department shall make comparative study of the performance of the department in the year 2013-14 with previous three years.	No.
b. Additional playfield facilities should be taken on rent as per need.	Yes.
c. Addition to the infrastructure shall be separately informed to the IQAC.	Yes
d. Department shall endeavour to improve the number of colour holders and performance of students in different events.	Yes
11) Each Department shall be provided with a Computer.	Yes.
12) Internet facility shall be provided separately in a separate lab / room so that it can be made available during all working hours.	Yes
13) Summer and Winter placement cell for B.B.A. and B.Sc. students shall be made dynamic and active to provide more employment opportunity to the students of the College. As the strength of the College is increasing, selection of number of students in campus interviews should increase as compared to the number of students selected in 2013-14. If possible, appointment of PRO is recommended so that more number of best companies come for the campus interview.	Number is not enhanced.
14) The certificate courses started in 2006-07 and Diploma Courses started in 2007-08 under Career Oriented Programme in the subjects should be continued during 2014-15.	
i. Analytical Chemistry - I/c Dr. S. N. Gupta	Continued.
ii. Biotechnology - I/c Ms. S. G. Dhakite	Not continued
iii. Information & Computer Technology - I/c Mr. K. M. Supatkar	Continued.
15) Earn While You Learn Scheme and campus beatification programme should be continued for the year 2014-15.	Continued.
16) To classify the students on the basis of their interest and aptitude, Aptitude Test should be continued and the result informed to the students.	Not organized.
17) It is decided that following activities which	

<p>come under purview of Management may be proposed to the Management.</p> <p>a) A canteen should be restarted for Staff and Students.</p> <p>b) Maintenance of Building &amp; premises.</p> <p>18) IQAC decided that a tour of teaching and non-teaching members be organized. About 50% fund shall be given by the College.</p> <p>19) It is decided that some healthy practices such as Birth Day Celebration, Environmental Science related activities be continued.</p> <p>20) It is decided to set up NCC unit for boys of the college.</p> <p>21) It is decided to establish Equal Opportunity Centre in the college for which UGC has sanctioned grants.</p> <p>22) Remedial Coaching for ST/SC/OBC and Minorities be enhanced through UGC grants and it should be made a weekly activity.</p> <p>23) A centre for coaching ST/SC/OBC &amp; Minority students for entry in services be established through UGC grants.</p> <p>1) Aptitude test for students be conducted.</p> <p>2) Weekly coaching classes / training programme be arranged.</p> <p>24) A Career and Counselling Cell for the students of the college be established in the College.</p> <p>25) It is decided to establish Enhancement of initiative capacity building in our college.</p> <p>26) It is decided to establish Examination Reform Centre for the college students in the college.</p> <p>27) In order to accommodate innovative proposals to influence teaching, research, academic excellence and social growth, an Educational Innovation centre be established in the college.</p> <p>28) Field work / study tours be arranged for the students through UGC grants.</p>	<p>done.</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Not done.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Not conducted.</p> <p>Yes.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Not done.</p> <p>Yes.</p>
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*\* Attach the Academic Calendar of the year as Annexure-I*



2.15 Whether the AQAR was placed in statutory body    Yes     No

Management     Syndicate     Any other body

Provide the details of the action taken

Management Noted.

## Part – B

### Criterion – I

#### 1. 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	03	--	--	--
PG	02	--	02	--
UG	04	--	03	--
PG Diploma	02	--	02	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	03	--	--	--
Others	--	--	--	--
<b>Total</b>	14	--	07	--
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

- 1) CBCS for M.Sc.
- 2) Elective option for B.Sc.
- 3) All core -- B.Com., B.B.A. and B.C.A.

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	06
Trimester	--
Annual	02

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students

*(On all aspects)*

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

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

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

No

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

Central Instrumentation Laboratory-continued in 2014-15

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	24	10	10	03	01Principal

2.2 No. of permanent faculty with Ph.D. 15

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
	03	15	Nil	Nil	Nil	Nil	60 CHB+ Adhoc	Nil	63	15

2.4 No. of Guest and Visiting faculty and Temporary faculty 12 [Ad-hoc] 48 [CHB]

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	09	10	01
Presented papers	10	08	
Resource Persons	--	03	03

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

Innovative processes adopted by the institution in Teaching and Learning are the use of ;

- Multimedia Methods
- Z-A Method
- Mind Map
- Sense of Humour
- Role playing and scenario analysis based teaching methods
- Video Lectures (from OERs)
- Experiential learning
- Charts and Models
- Interactions with industrial experts

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, Online Multiple Choice Questions)

**Class-Room tests**

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

02	--	
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2.10 Average percentage of attendance of students

75% and above

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. I	249	5.22	26.90	12.05	Nil	42.17
B.Sc. I Sem. II	Not declared					
B.Sc. II Sem. III	197	7.11	30.48	6.10	Nil	43.65
B.Sc. II Sem. IV	Not declared					
B.Sc. III Sem. V	134	5.22	31.34	8.21	Nil	44.78
B.Sc. III Sem. VI	135	22.22	43.70	10.37	Nil	76.30
B.C.A. I Sem. I	104	Nil	18.27	7.69	Nil	25.96
B.C.A. I Sem. II	104	1.92	14.42	2.88	Nil	19.23
B.C.A. II Sem. III	70	2.76	13.00	5.00	Nil	28.57
B.C.A. II Sem. IV	66	4.55	33.33	7.58	Nil	45.45
B.C.A. III Sem. V	68	Nil	25.53	1.47	Nil	25.00
B.C.A. III Sem. VI	66	3.03	27.00	6.06	Nil	50
BBA- I	75	Nil	16	2.67	Nil	18.67
BBA- II	36	Nil	22.22	13.89	Nil	36.11
BBA- III	33	Nil	39.40	27.27	Nil	66.67
B.Com.- I	117	1.71	23.08	15.38	Nil	40.17
B.Com.- II	Not declared					
B.Com.- III	62	8.06	48.39	11.29	Nil	67.74
M.Sc. I Sem. I	12	8.3	50	Nil	Nil	58.33
M.Sc. I Sem. II	11	9.1	36.36	Nil	Nil	45.45
M.Sc. II Sem. III	21	Nil	33.33	9.5	Nil	42.86
M.Sc. II Sem. IV	21	14.28	38.1	Nil	86.96	52.38

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
P.G.Diploma in Biomedical Electronics	Sem.I 11	27.27	63.63	Nil	Nil	90.90
	Sem.II 10	Not declared				
P.G.Diploma in Mechatronics	Sem.I 08	37.5	25	Nil	Nil	62.50
	Sem.II 06	Not declared				
ADD ON- Courses:						
Certificate Course	Nil	Nil	Nil	Nil	Nil	Nil
Analytical Chemistry	Nil	Nil	Nil	Nil	Nil	Nil
Information & Computer technology	Nil	Nil	Nil	Nil	Nil	Nil
Biotechnology	Nil	Nil	Nil	Nil	Nil	Nil

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

**Contribution of IQAC in the Teaching & Learning processes:**

IQAC sets up the plan for the next academic session along with the benchmarks for the departments and the teachers for the best outcomes of teaching and learning. Few of the benchmarks are;

- I. Each teacher of every department shall organize at least one students' seminar per class for students.
- II. Each department shall organize at least one Guest lecture per class.
- III. Each teacher shall deliver at least one lecture per class by using LCD projector and power point presentation
- IV. Each department shall organize at least one study / industrial / excursion tour apart from individual departmental tours.
- V. At least 10 students be helped under 'Earn while you learn' scheme.
- VI. Under activities such as Nature club, Science club, Sahitya ,kala and Sanskriti Munch atleast one speech of expert person be organised.

In Addition to above , the IQAC-

- VII. Motivates to the teachers to execute teaching plan with innovative ideas.
- VIII. Motivates the teachers to organize as well as participate in seminars, conferences, workshops to keep pace with new knowledge and technology.
- IX. Directs the teachers to guide the students for active participation in seminars, group discussions, and various collegiate and inter collegiate activities and competitions.
- X. Motivates teachers to provide Experiential and participatory learning.
- XI. Motivates teachers for the utilization of OERs for teaching.

### Monitoring and Evaluation:

IQAC monitors the benchmarks for academic activities & examinations results through Academic committee by,

- Discussion on the performance of the students in unit tests/class tests/pre-semester examinations
- Academic diaries
- Class teacher meetings (Monthly feedback from students)
- Teachers assessment by students(Yearly feedback from students)
- Departmental reports
- Activity reports

In August of the next session the IQAC checks the outcome of the plan of previous year and suggests modifications / improvements and reports the matter to LMC (Local managing committee).

IQAC advises the management to make necessary teaching learning infrastructural facility available whenever essential.

#### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
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.	2 (short term workshops)
Others	-

#### 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	<b>09</b>	<b>03</b>	<b>Nil</b>	<b>06</b>
Technical Staff	<b>31</b>	<b>15</b>	<b>Nil</b>	<b>06</b>

## Criterion – III

### 3. Research, Consultancy and Extension

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

- 1) IQAC support to register the names of Ph.D. students in college.
- 2) Faculty members are motivated to publish research papers, 25 Research papers are published in National, International Journals, 18 in proceedings of conferences, Faculty members attended 13 conference and 7 workshops.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	01
Outlay in Rs. Lakhs	--	--	--	12.5

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01		02	06
Outlay in Rs. Lakhs	1.45		5.40	22.60

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	23	02	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	10	08	--

#### 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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	--	--	--	--
Minor Projects	2 yrs	UGC	5,40,000	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--
<b>Total</b>	--	--	<b>5,40,000</b>	--

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	--	01	--	--	--
Sponsoring agencies	--	UGC DST	--	--	--

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

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 :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent	Number	
National	Applied	
	Granted	
International	Applied	01 (Sanctioned)
	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
--	01	--	--	--	--	--



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

08
17

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

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

JRF	01	SRF		Project Fellows		Any other	
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3.21 No. of students Participated in NSS events:

University level	150	State level	
National level		International level	

3.22 No. of students participated in NCC events:

University level	--	State level	--
National level	49	International level	

3.23 No. of Awards won in NSS:

University level	--	State level	--
National level	--	International level	--

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	--	College forum	06		
NCC	--	NSS	01	Any other	

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

- Muktangan
- Ambadevi Pujan on Dasera Festival in the college premises.
- College Forum
  - Chemistry Department -
    - 1) Water sample analysis
    - 2) Milk sample analysis
    - 3) Body fat analysis
  - Zoology Department -
    - 1) Vermicompost
    - 2) Blood group and Hb checkup of Girls students .
  - Electronics Department -
    - 1) E-waste management.

## 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	7.2 Acr.	---		7.2Acr.
Class rooms	16	04	From Management	20
Laboratories	10	01	From Management	11
Seminar Halls	--	01	From Management	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	--	19	From UGC	19
Value of the equipment purchased during the year (Rs. in Lakhs)	--	20.58	--	--
Others	--	--	--	--

#### 4.2 Computerization of administration and library

- ❖ Bar Coding of Books, Internet Facility to students and Staff
- ❖ Computerised books issue system.
- ❖ Up gradation of Software and Hardware as per requirement in Administration Office.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	2862	899782	667	214090	3629	1113872
Reference Books	471	62925	23	11764	494	74687
e-Books						
Journals	39	42575	04	6045	43	48600
e-Journals						
Digital Database						
CD & Video	218				218	Complementary

Others (specify)	590	75000	20	8611	610	83011
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#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	161	02	02	02	02	--	---	--
Added	40	01	00	00	01	--	---	--
Total	201	02	02	02	03	--	---	--

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

<ul style="list-style-type: none"> <li>• We provide our infrastructure for: <ol style="list-style-type: none"> <li>1. Conduct online examinations of HSC for subject Information Technology.</li> <li>2. Conduct online examinations of YCMOU for B.Sc. (I.S.) &amp; Diploma in (I.S.)</li> <li>3. Conduct Training Program of teachers for online submission of payroll to the competent authority.</li> </ol> </li> </ul>
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#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	0.51
ii) Campus Infrastructure and facilities	10.00
iii) Equipments	0.20
iv) Others	1.45
<b>Total :</b>	<b>12.16</b>

## Criterion – V

### 5. Student Support and Progression

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

- ❖ Regular meetings are conducted.
- ❖ Required financial support is provided on demand.
- ❖ Periodic monitoring is done.

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

- ❖ We implement class-teachers' scheme in which the Guardian teachers keeps updated information about the overall progress of concerned students for three years.
- ❖ The progression of the students is communicated to the parent by sending them letters or by phone.

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

UG	PG	Ph. D.	Others
1227	84	19	97

#### (b) No. of students outside the state

Nil

#### (c) No. of international students

Nil

Men

No	%

Women

No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
506	78	16	548	02	1148	577	94	13	627	02	1313

Demand ratio 1.28:1

Dropout % -- 2.76%

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

- ❖ Coaching Classes for Entry in Services were organized under UGC grant.
- ❖ During the coaching for MPSC, 26 lectures were arranged & for banking exams, 12 lecturers were arranged. Library facility & Reading facility were also provided to students. Employment opportunities published in news papers (employment news) were displayed on notice board during the year.
- ❖ Aptitude test was conducted for screening of students for entry in coaching classes.

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

The following lectures were organised-

1. 'Behaviour modification ' Prof. Ninad Gawande
2. 'Workshop' Mr.Mayur Joshi, Ms Pratiksha Kalmegh
3. 'Experience sharing ' Mr.Ashish Rathi
4. 'Personality development' Mrs.Suhasini Seth
5. 'Soft Skill Development' Mrs.Smeeta Landge
6. 'Career Guidance' Mr.Pranaya Rathi

No. of students benefited

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
05	39	04	04

5.8 Details of gender sensitization programmes

1. Health check-up Camp for girls.
2. Poster Competition on Female Foetisizion, dowry system, domestic violence , self defence, woman empowerment under 'Jagar Janivancha'
3. Flash Mob on ' Nari-shakti' at various places in the city on 'Savitribai Fule Jayanti'

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	330	1190900/-
Financial support from government	331 GOI Scholarship 36 Freeship	1679395/- 114645/-
Financial support from other sources-UGC Sponsored sports scholarship	03	90662/-
Number of students who received International/ National recognitions	Nil	Nil

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: : 01

## Criterion – VI

### 6. Governance, Leadership and Management

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

**Vision:**

We aim at giving our students a sound education which while training them for academic career, will also make self reliant , keen cooperative and incorruptible citizens.

We believe in the supremacy of spiritual and moral values, in the importance of sound education over mere instructions, in the training of character, through regulated freedom and personal guidance.

We want our student to develop uprightness of character, loyalty to authority, devotion to duty, friendly comradeship and spirit of social service.

**The Mission :**

The college shall endeavour:

To provide secular, disciplined, caring and ethical environment that encourages the student and staff to be at their best.

To develop entrepreneurship qualities in the students and ultimately mould them to become humble human beings.

To develop, implement and continually improve teaching – learning process by adopting progressively new technologies, to educate the students and to quench their thirst to knowledge.

To strengthen the Institute-Society relationship.

To provide talent for the upliftment of the society and to help the Nation in character building.

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

No

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

##### 6.3.1 Curriculum Development

- ❖ Faculty involvement into design of curriculum of university by memberships on Board of Studies.
- ❖ A meet for curriculum development and including PGDBME & PGDM courses in CBCS was organized by Electronics Deptt.



### 6.3.2 Teaching and Learning

- ❖ Supplementing teaching learning process with Audio-visual aids.
- ❖ Distributing subject notes,
- ❖ Arranging Guest lectures of eminent personalities and teachers from other Institutions.
- ❖ Organizing student seminars,
- ❖ Class teacher scheme,
- ❖ Remedial coaching, Counselling,
- ❖ Visit to Industries.
- ❖ On Job Training

### 6.3.3 Examination and Evaluation

- ❖ Internal tests, College examinations, Assignments, Home Assignments, etc.
- ❖ Involvement in central valuation programme of affiliating University of College faculty members.
- ❖ Reforms in Internal assessment system.
- ❖ Quiz Competition for assesment

### 6.3.4 Research and Development

- ❖ Funds from management for infrastructural needs and other unforeseen requirements for research.
- ❖ Promoting and Encouragement for submitting major & minor Research Projects to funding agencies such as U.G.C.,D.S.T. etc.
- ❖ Focus on increasing number of research guides.
- ❖ Minor projects allotment to students.
- ❖ R & D Cell activities.
- ❖ Encouraging paper publication.
- ❖ Encouraging employees to attend seminars/conferences/workshops for getting acquainted with advanced research developments.
- ❖ Supporting facilities for presentation of research papers and its publications in reputed journals.
- ❖ Procuring sophisticated instruments and improve infrastructural facilities for research and investigatory projects.
- ❖ Involving students participation by delegating them individual/group projects.
- ❖ Organizing study tour of students and faculty to research institutes, University departments.
- ❖ Signing MoU,s with Industries.

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

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- ❖ Excellent Library infrastructure.
- ❖ Network Resource Center.
- ❖ Open access.
- ❖ Technology adoption.
- ❖ Enhancement of Library hours.
- ❖ Study Room for 7.00 am to 9.00 pm

### 6.3.6 Human Resource Management

- ❖ Promoting qualified faculties to higher positions on merit basis.
- ❖ Encouraging faculties to participate in-
  - ◆ Orientation Courses
  - ◆ Refresher Course
  - ◆ Professional Development Courses.
  - ◆ Subject conferences, workshops, trainings etc.
  - ◆ Training Courses for Non Teaching Staff.
  - ◆ Appointment of additional staff as required.

### 6.3.7 Faculty and Staff recruitment

- ❖ Recruitment of faculties on merit basis by strictly following the norms laid down by UGC, State Government, and University.
- ❖ Recruitment of additional faculty on clock hour basis. Management provides funds from its own sources for additional appointments so that teaching should suffer.

### 6.3.8 Industry Interaction / Collaboration

- ❖ Visits of students to industries.
- ❖ Inviting eminent persons from industries as visiting lectures.
- ❖ Providing consultancy.

### 6.3.9 Admission of Students

- ❖ Scholarships to bright students.
- ❖ Career and counselling services.
- ❖ Providing amenities such as common rooms, reading room, N.C.C, etc.
- ❖ Felicitation of meritorious students

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>❖ Loans on low interest through Credit Co-operative society.</li> <li>❖ Medical help, Help for education of employees children is provided through Govt. Schemes and Schemes sponsored by the Management.</li> </ul>
Non teaching	<ul style="list-style-type: none"> <li>❖ Loans on low interest rate through Credit Co-operative societies.</li> <li>❖ Medical help, Help for education of employees children is provided through Govt. Schemes and Schemes sponsored by the Management.</li> </ul>
Students	<ul style="list-style-type: none"> <li>❖ Scholarships,</li> <li>❖ Earn while learn scheme,</li> <li>❖ Remedial Coaching.</li> </ul>

6.5 Total corpus fund generated

Rs.2,96,372/-

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	No		Yes	L.M.C.
Administrative	No		Yes	L.M.C.

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?

Not Applicable

#### 6.11 Activities and support from the Alumni Association

- ❖ Signing Memorandum of Understanding.
- ❖ As a guest faculty.
- ❖ Support for research programme.
- ❖ Support for On Job Training.

#### 6.12 Activities and support from the Parent – Teacher Association

- ❖ Organization of Parent Meetings.
- ❖ Suggestions of parents supports for up gradation.

#### 6.13 Development programmes for support staff

Motivation towards participation in Development programmes

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

- ❖ Tree Plantation at massive level.
- ❖ No Vehicle Day.
- ❖ Reduce in waste.
- ❖ Water Management (Harvesting and Disposal)
- ❖ E-waste collection center.

## 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.

Innovations during the academic year 2014-15 that created a positive impact on the functioning of the institution are enlisted under different heads:		
Sr.No.	Functioning head	Innovations
1	Academic cell/ committee	Subject wise societies carried out departmental events and activities
2	Administrative cell	Installation of CCTV cameras

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

<ul style="list-style-type: none"><li>❖ The Dress code be continued for staff and uniform be prescribed for students.</li><li>❖ Students seminar organized by faculty members for each class.</li><li>❖ Each staff member had delivered atleast one lecture using LCD.</li><li>❖ Final year students were allowed to keep library books till their examinations are over.</li><li>❖ M.Sc., B.Sc., B.CA. BBA and B.Com. final years students were given open access of library.</li><li>❖ Book-bank facility was continued.</li><li>❖ Student feedback was taken for all concerning staff and principal, also for Librarian, Physical Education and Office staff.</li><li>❖ Medical checkup and Hb measurement for girls was done with necessary measures.</li><li>❖ Computers and printers are provided to every department.</li><li>❖ The Add-on course of Information Technology and Analytical Chemistry are continued.</li><li>❖ 'Earn While You Learn Scheme' is continued.</li><li>❖ Tour of the teaching staff was organized.</li><li>❖ An activity of Birth Day Celebration of the faculty members was continued.</li><li>❖ Equal Opportunity Center is functioning.</li><li>❖ Remedial Coaching Classes for Minority Students are continued.</li><li>❖ Coaching Classes for Minority students for Entry in the Public Services.</li><li>❖ A Career and Counseling Cell is functioning.</li><li>❖ Study tours for students are organized.</li></ul>
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7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

- ❖ Muktangan
- ❖ Earn while you learn
- ❖ Prizes by staff

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

7.4 Contribution to environmental awareness / protection

- ❖ Students had initiated practices to minimize the carbon emission and carbon level in the college campus. Fifth day of every month is “**The No Vehicle Day**”.
- ❖ Rainwater harvesting – institution has its own water management system. It is very unique and of its own type as it has **zero input and zero discharge**. It has its own harvesting mechanism to percolate the water to increase the water table. Considerable amount of water was harvested and percolated this year.
- ❖ To create environmental awareness and energy conservation, lectures were conducted for the students of B Sc II.
- ❖ Newly constructed buildings minimize the use of electricity due to large airy windows.
- ❖ Recycling of paper- **Old stationary** from the office, library and various departments were sent for recycling through proper agencies.

7.5 Whether environmental audit was conducted?    Yes     No

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

**Strengths**

- ❖ Security guards at the entrance made the college campus safe and secure.
- ❖ Ladies hostel made the out station girls stay comfortable.
- ❖ Centralised research instrumentation laboratory for the staff.
- ❖ Open access of library for Ex-students.

**Weakness**

- ❖ Student teacher ratio not maintained.
- ❖ Lack of AV theatre.
- ❖ Combined laboratory for junior and senior college.

**Opportunity**

- ❖ Enhanced UG/PG seats.
- ❖ Expand departmental services to people.
- ❖ Many faculty have expertise ability to secure grant/funding for MRP.

**Threats**

- ❖ Lack of centralised GENSET.
- ❖ Low salary of temporary staff.
- ❖ Non sanctioning of the vacant post by State Government.

## **8. Plan of institution for next year**

### **Proposed Plan for the year 2015-2016**

It is proposed that all activities reported earlier should be continued with new idea and approach. IQAC expects improvement in the performance in all activities.

- 1) Each staff member of every department shall organize at least one student seminar per class / per semester using LCD, for the students. The topic for the same shall be decided by the teacher concerned. Use of audio and visual aids is expected.
- 2) Every teacher shall organize at least one programme under extension services or community services. The nature of the activity shall be decided by teacher concerned. The principal may be contacted for clarification.
- 3) Each department shall organize at least one Guest lecture per class covering any topic from syllabus.
- 4) a. Librarian shall maintain a suggestion cum complaint box in the library.  
b. Librarian shall arrange a book exhibition in the college for the students and the staff every year.
- 5) As per IQAC's suggestion the assessment of teachers, librarian, DPE, Principal, Office staff and other by the students by feed back method shall be continued. After analysis and comparison with last year's assessment, report shall be submitted to the Principal for suitable action.
- 6) Summer and Winter placement cell for B.B.A., B.Com., B.C.A. and B.Sc. students shall be made dynamic and active to provide more employment opportunity to the students of the College.
- 7) The certificate courses started in 2006-07 and Diploma Courses started in 2007-08 under Career Oriented Programme in the subjects should be continued during 2015-16.

Analytical Chemistry - I/c Dr. S. N. Gupta

Biotechnology - I/c Ms. S. G. Dhakite

Information & Computer Technology - I/c Mr. K. M. Supatkar

- 8) Earn While You Learn Scheme and campus beatification programme should be continued for the year 2015-16.
- 9) To classify the students on the basis of their interest and aptitude, Aptitude Test should be continued and the result informed to the students.
- 10) It is decided to set up NCC unit for boys of the college.
- 11) A Career and Counselling Cell for the students of the college be continued in the College.
- 12) It is decided to establish Examination Reform Centre for the college students in the college.
- 13) In order to accommodate innovative proposals to influence teaching, research, academic excellence and social growth, an Educational Innovation centre be established in the college.

Name **Prof. R. Y. Narkhede**



Signature of the Coordinator, IQAC

Name **Dr. S. B. Lohiya**



Signature of the Chairperson, IQAC

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