

# The Annual Quality Assurance Report (AQAR) of the IQAC

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:

Dr. A. D. Rangari

Mobile:

09423649958

IQAC e-mail address:

biyani\_college@yahoo.com

**1.3 NAAC Track ID** (For ex. MHCOGN 18879)    **MHCOGN 11652**

1.4 Website address:

<http://www.biyanicollege.com>

Web-link of the AQAR:

<http://www.biyanicollege.com/AQAR&SSR>

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	2.71	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*)

2015-2016

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 2010-11 submitted on 22.03.2012 (DD/MM/YYYY)
- ii. AQAR 2011-12 submitted on 24.09.2012 (DD/MM/YYYY) online
- iii. AQAR 2012-13 submitted on 09.10.2013 (DD/MM/YYYY) online
- iv. AQAR 2013-14 submitted on 21.07.2014 online (through e-mail) (DD/MM/YYYY)
- v. AQAR 2014-15 submitted on 06.08.2015 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	<input type="text" value="No"/>		
University with Potential for Excellence	<input type="text" value="No"/>	UGC-CPE	<input type="text" value="No"/>
DST Star Scheme	<input type="text" value="No"/>	UGC-CE	<input type="text" value="No"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text" value="No"/>
UGC-Innovative PG programmes	<input type="text" value="Yes"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text" value="Yes"/>		

## 2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="06"/>												
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>												
2.3 No. of students	<input type="text" value="Nil"/>												
2.4 No. of Management representatives	<input type="text" value="03"/>												
2.5 No. of Alumni	<input type="text" value="Nil"/>												
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="Nil"/>												
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>												
2.8 No. of other External Experts	<input type="text" value="Nil"/>												
2.9 Total No. of members	<input type="text" value="11"/>												
2.10 No. of IQAC meetings held	<input type="text" value="02"/>												
2.11 No. of meetings with various stakeholders:	<table> <tr> <td>No.</td> <td><input type="text"/></td> <td>Faculty</td> <td><input type="text" value="02"/></td> </tr> <tr> <td>Non-Teaching Staff</td> <td><input type="text" value="Nil"/></td> <td>Students</td> <td><input type="text"/></td> </tr> <tr> <td>Alumni</td> <td><input type="text" value="Nil"/></td> <td>Others</td> <td><input type="text"/></td> </tr> </table>	No.	<input type="text"/>	Faculty	<input type="text" value="02"/>	Non-Teaching Staff	<input type="text" value="Nil"/>	Students	<input type="text"/>	Alumni	<input type="text" value="Nil"/>	Others	<input type="text"/>
No.	<input type="text"/>	Faculty	<input type="text" value="02"/>										
Non-Teaching Staff	<input type="text" value="Nil"/>	Students	<input type="text"/>										
Alumni	<input type="text" value="Nil"/>	Others	<input type="text"/>										

2.12 Has IQAC received any funding from UGC during the year? Yes ☒ No ☐

If yes, mention the amount

Rs. 300000/- for 12<sup>th</sup> Plan

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

One teacher one skill

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 2015-2016</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>4) Each department shall organize at least one Guest lecture per class covering any topic from syllabus.</p>	<p>Continued</p> <p>Organized by faculty members for each class.</p> <p>Could not done.</p> <p>Physics, Chemistry, Statistics, Electronics, Computer Science, Maths, Botany, Zoology, Biotechnology, B.B.A., B.Com. &amp; B.C.A.</p>

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. Librarian shall maintain a suggestion cum complaint box in the library.	Yes.
d. Librarian shall arrange a book exhibition in the college for the students and the staff every year.	No.
e. Librarian shall collect yearly feed back from the staff and students.	Yes.
f. Books-Bank facility be continued for the students.	Yes.
g. 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 'Internet' to remaining teaching and non-teaching staff members.	Yes
9) At the time of medical checkup 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 2015-16 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 2015-16. 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 2015-16.	
i. Analytical Chemistry - I/c Dr. S. N. Gupta	Continued, 5 students admitted.
ii. Biotechnology - I/c Ms. S. G. Dhakite	Not continued, No students admitted.
iii. Information & Computer Technology - I/c Mr.K.M.Supatkar	Continued. 20 students admitted.
15) Earn While You Learn Scheme and campus beautification programme should be continued for the year 2015-16.	Continued. 12 students took advantage.
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 come under purview of Management may be proposed to the Management.	

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

*\* 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.B.A , B.C.A. & B.Com.

##### (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.

Yes, following are the subjects for which syllabi are revised.		
Statistics – B.Sc. I – Sem-II,	Botany – B.Sc. I – Sem-I,	Chemistry – B.Sc. III – Sem –V/VI
Mathematics – B.Sc. I – Sem-I & II	Zoology – Dissections deleted	B.Com. I - Economics, English

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

Nil
-----

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	22	09	10	02	01

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
	-	14	-	-	-	01	-	-	-	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	14	11	-
Presented papers	17	07	
Resource Persons	02	01	

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

Innovative process adopted by the institution in Teaching and Learning are the use of:
<ul style="list-style-type: none"> <li>➤ Multimedia Methods</li> <li>➤ Z-A Method</li> <li>➤ Mind Map</li> <li>➤ Sense of Humour</li> <li>➤ Role playing and scenario analysis based teaching methods</li> <li>➤ Video Lectures (from OERs)</li> <li>➤ Experimental learning</li> <li>➤ Chart and Models</li> <li>➤ Interactions with industrial experts</li> </ul>

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 Test
--	-----------------

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop	0	0	8
---	---	---	---

## 2.10 Average percentage of attendance of students

80% 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)	259	09.34	49.53	41.12	0.0	41.31
B. Sc. I (Sem-II)	155	15.48	48.38	34.19	01.93	60.78
B. Sc. II (Sem-III)	234	18.51	68.51	12.96	0.0	46.15
B. Sc. II (Sem-IV)	118	21.18	69.49	9.32	0.0	50.21
B. Sc. III (Sem-V)	184	8.69	70.65	20.62	0.0	50.00
B. Sc. III (Sem-VI)	183	14.92	50.00	24.62	10.44	73.22
BCA I (Sem-I)	130	2.70	62.16	37.84	0.0	28.46
BCA I (Sem-II)	131	3.70	66.67	25.93	3.70	21.36
BCA II (Sem-III)	89	0	60.00	40.00	0.0	28.08
BCA II (Sem-IV)	88	0	70.83	29.17	0.0	30.68
BCA III (Sem-V)	63	0	80.95	14.81	0.0	50.79
BCA III (Sem-VI)	64	2.63	89.47	7.89	0.0	59.38
BBA -I	84	6.67	53.33	40.00	0.0	17.86
BBA- II	51	0	72.73	27.27	0.0	43.14
BBA-III	25	0	50.00	50.00	0.0	16.00
B. Com I	132	8.51	68.09	23.40	0.0	35.88
B. Com II	111	13.04	65.22	21.74	0.0	62.16
B. Com III	87	9.08	54.09	35.03	0.0	58.62
M. Sc. I (ELECTRONICS)	15	0.0	100	0.0	0.0	43.75
M. Sc. I (sem-II) (ELECTRONICS)	16	26.66	73.33	0.0	0.0	93.75
M. Sc. II (Sem-III) (ELECTRONICS)	22	26.66	73.33	0.0	0.0	68.18
M. Sc. II (Sem-IV) (ELECTRONICS)	22	6.66	93.33	0.0	0.0	68.18
M. Sc. I (sem-I) (BOTANY)	13	15.38	84.61	0.0	0.0	65.00
M. Sc. I (sem-II) (BOTANY)	14	14.28	85.71	0.0	0.0	73.68
PGDM (Sem-I) (ELECTRONICS)	05	0.0	100	0.0	0.0	100
PGDM (Sem-II) (ELECTRONICS)	05	100	0.0	0.0	0.0	100
PGDBME (Sem-I) (ELECTRONICS)	07	0.0	57.14	0.0	0.0	57.14
PGDBME (Sem-II) (ELECTRONICS)	07	0.0	0.0	100	0.0	100

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

### **Contribution of IQAC in the Teaching & Learning Process:**

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 last one student's seminar per class for students.
- II. Each department shall organize at last one Guest Lecture Per class.
- III. Each teacher shall deliver at last 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 help under "Earn While You Learn" scheme.
- VI. Under activities such as Nature club, Science club, Sahitya, Kala and Sanskriti Munch at least one speech of expert person be organized.
- VII. Motivates to the teacher execute teaching plan with innovative ideas.
- VIII. Motivates the teachers to organize a well as participates in seminars, conference, workshops to keep pace with new knowledge and technology.
- IX. Directs the teacher to guide the students for active participation in seminars, group discussion, and various collegiate and inter collegiate activates 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 benchmark for academic activities & examinations results though Academic committee by,

- Discussion on the performance of the students in Unit tests/ Pre-semester examinations
- Academic diaries.
- Class teacher meetings (Monthly feedback from students)
- Teachers assessment by students (Yearly feedback from students)
- Departmental report
- Activity report

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

IQAC advices the management to make necessary teaching learning infrastructural faculty available whenever essential.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programmes	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	01
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	09	03	Nil	06
Technical Staff	31	15	Nil	06

## Criterion – III

### 3. Research, Consultancy and Extension

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

IQAC via Research Cell promote the teachers for submission of Research Projects to different agencies.

#### 3.2 Details regarding major projects – Nil.

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

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	04	09
Outlay in Rs. Lakhs	--	--	9.5	19.88

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	13	09	
Non-Peer Review Journals	--	--	
e-Journals	--	--	
Conference proceedings	05	01	

#### 3.5 Details on Impact factor of publications:

Range -- Average 1-3 h-index 04 Nos. in SCOPUS 51

#### 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	2015-2017	UGC	9,50,000	Nil
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

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	--	--	--	--	--

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	
	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

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  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   
NCC  NSS  Any other

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

- Muktangan.
- Popularization of Eco-friendly Clay Ganesh Idols.
- Ambadevi Pujan on Dasera Festival in the college premises.



## 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.	---	---	7.2 Acr.
Class rooms	20	---	--	20
Laboratories	11	02 Renovated	From Management	11
Seminar Halls	01	---	---	01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	--	07	From UGC	07
Value of the equipment purchased during the year (Rs. in Lakhs)	--	4.9	From UGC	--
Others	--	--	--	--

#### 4.2 Computerization of administration and library

- ❖ Office work is partially computerized.
- ❖ Library is fully computerized.
- ❖ Automation of Library with Bar Code System and other daily work.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	16394	35.24	568	2.01	16962	37.25
Reference Books	646	3.10	19	0.14	658	3.24
e-Books	--	--	--	--	--	--
Journals	43	0.49	--	--	43	0.49
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	218	--	82	--	300	--
Others (specify)	2897	03.29	13	0.05	2910	3.34

#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	197	03	02	03	03	--	--	--
Added	05	--	--	--	--	--	--	05
Total	202	03	02	03	03	--	--	05

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

1. The Computer department provided the facility to access internet to prepare Projects and Seminars.
2. Teachers use the internet facility in the Campus.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	0.26
ii) Campus Infrastructure and facilities	12.87
iii) Equipments	4.58
iv) Others	0.55
<b>Total :</b>	18.21

## 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
1477	59	10	13

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

Nil

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

Nil

Men	No	%	Women	No	%
	740	47.47		819	52.53

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
577	94	13	627	02	1313	458	129	14	958	nil	1559

Demand ratio 1:4

Dropout %

#### 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, 32 lectures were arranged for MPSC and Banking exams. Library facility and reading facility was also provided to the students. Employment opportunities published in the newspapers were displayed on the notice board during the year.
- ❖ Aptitude test was conducted for screening of students for entry in coaching classes.

No. of students beneficiaries

50

### 5.5 No. of students qualified in these examinations

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

### 5.6 Details of student counselling and career guidance

1. Molecular Orbital Theory – Dr. P.R. Mandlik
2. Phenol – Dr. S.S. Aswale
3. NMR Spectroscopy – Dr. P.R. Rajput
4. Conservation of Biodiversity – Dr. C.K. Deshmukh
5. Aquatic Ecosystem – Dr. G.A.Wagh
6. Gene Regulation in Prokaryotes and Eukaryotes – Dr. PrashantGawande
7. Income Tax and Form No. 16- CA Prakash Wrdhe
8. On the Fast Track of Success – Hemant Bhanghe
9. Effective Public Speaking – Dr. Sagar
10. MISA Entrance & Banking Sector – Mr. Madhur Karwa
11. Skill Development – Mrs. Kaushal Sarda
12. Change Begin with me – Dr. Pallavi Mandavgade
13. Career Planning – Mr. Prathamesh Trivedi
14. MBA & its Future Aspects – Dr. Lalana Sangolkar
15. Applications of Statistics in Research – Prof. Dr. R.G.Kedia
16. Advanced Courses after UG – Prof. Gopal Shankar
17. Career Guidance and Information about MCA-CET – Prof. Rajiv Gaggad
18. Cyber Crime and IT 2008 Law – Prof Neeta Khobragade
19. Career Opportunity using Computer Science at Public Sector – Mr. Digambar Ghodam
20. Workshop on Big Data Technology – Dr. Sagar Jambhorkar
21. Applications of Biostatistics – Dr. V.S.Zade
22. Cell Cycle and Cancer – Dr. Dinesh Khedkar
23. Scenario in Plant Tissue Culture – Prof. Shrikant Patil
24. Mathematics in Nature – Mr. M.D. Netneskar
25. Embedded Systems and Robotics – Mr. M.D.Bharti
26. New Trends in Bio- Medical Electronics – Mr. Bhuvanesh Kulkarni, Pune.

### 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
Nil	Nil	Nil	10

## 5.8 Details of gender sensitization programmes

1. Health Check-up Camp for girls.
2. Guest lecture “Healthy Blossoming” by a gynecologist for girls.
3. Rubella Vaccination Camp.
4. One Day Women Empowerment Workshop for girls of this college and other colleges of the University.

## 5.9 Students Activities

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

State/ University level 134 National level 03 International level 01

No. of students participated in cultural events

State/ University level 36 National level 02 International level Nil

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

Sports : State/ University level 00 National level 01 International level 01

Cultural: State/ University level 4 National level Nil International level Nil

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	344	10,33,000
Financial support from government	433	26,05,267
Financial support from other sources	01 (Barti Scholarship)	3,00,000
Number of students who received International/ National recognitions		

### 5.11 Student organised / initiatives

Fairs : State/ University level 00 National level 00 International level 00

Exhibition: State/ University level 00 National level 00 International level 00

5.12 No. of social initiatives undertaken by the students 06

5.13 Major grievances of students (if any) redressed: 02

## 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.

### 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 assessment.

### 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 project allotment to students.
- ❖ Patent publication.
- ❖ 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

---

- ❖ 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 adequate faculty on clock hour basis. Management provides on managements financial liability despite of permission from state Government to fill full time appointments.

### 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.5,69,222/-

#### 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.

#### 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.

Innovation introduced the year 2015-16 which created a positive impact on the functioning of the institution are enlisted below: -

**A) Academic Innovations:**

Department of Mathematics, Computer science, Biotechnology, Electronics, Zoology and Chemistry have imparted this curriculum through modern teaching techniques. They provided unsolved problems to students for better understanding. Online and offline audio-video clips were made available for students. Structural models of some organic compounds were demonstrated for chemistry students.

**B) Administrative Innovations:**

Computerized Accounting was done for office accounts. Use of advanced software for office administration. Department of Electronics have tie-up for almost 03 industries. Library work is fully computerized with bar codes.

**C) Extracurricular and Co-curricular innovations:**

Commerce and management department organized mini- bazaars, court visits and industrial visit. Computer, Chemistry, Electronics and Zoology guided students for various intra collegiate and inter collegiate seminars and quiz competitions.

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

- ❖ The Dress code be continued for staff and uniform be prescribed for students.
- ❖ Students seminar organized by faculty members for each class.
- ❖ Each staff member had delivered atleast one lecture using LCD.
- ❖ Final year students were allowed to keep library books till their examinations are over.
- ❖ M.Sc., B.Sc., B.C.A., B.B.A. and B.Com. Final years students were given open access of library.
- ❖ Book-bank facility was continued.
- ❖ Student feedback was taken for all concerning staff and principal, also for Librarian, Physical Education and Office staff.
- ❖ Medical checkup and Hb measurement for girls was done with necessary measures.
- ❖ Computers and printers are provided to every department.
- ❖ The Add-on course of Information Technology and Analytical Chemistry are continued.
- ❖ 'Earn While You Learn Scheme' is continued.
- ❖ Tour of the teaching staff was organized.
- ❖ An activity of Birth Day Celebration of the faculty members was continued.
- ❖ Equal Opportunity Center is functioning.
- ❖ Remedial Coaching Classes for Minority Students are continued.
- ❖ Coaching Classes for Minority students for Entry in the Public Services.
- ❖ A Career and Counseling Cell is functioning.
- ❖ Study tours for students are organized.

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

1. Muktangan	Annexure-iii
2. Pan Card Camp organized.	Annexure-iv
3. Haemoglobin Detection for girls.	Annexure-v

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

7.4 Contribution to environmental awareness / protection

In-campus and Off-campus tree plantation was organized by NSS, NCC and Dept. of Commerce and Management.

Nature clubs in the college is functional and conducted bird watching camp on 14<sup>th</sup> February 2016. It also organized guest lecture on importance of medicinal plants on 23<sup>rd</sup> February 2016. Garden waste is used for vermicomposting instead of burning.

Rain water harvesting is a regular practice which makes our institution self reliant in water requirements. Check dam was constructed by NSS students in the adopted village "Manikgram Dhotra".

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 / Courses.
- ❖ 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.

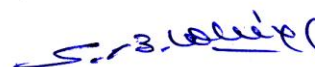
### Proposed Plan for the year 2016-2017

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 students 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.
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 BBA, B.Com., B.C.A. & 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 2006-2007 and Diploma Courses started in 2007-2008 under Career Oriented Programme in the subject should be continued during 2016-17.  
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 should be continued for the year 2016-17.
9. To clarify the students on the basis of the basis of their interest and aptitude, Aptitude Test should be continued and the result be informed to the students.
10. It is decided to set up NCC Unit for boys of the college.
11. A Career and Counseling Cell for the students of the college be continued in the college.
12. It is decided to established Examination Reform Center 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 center by established in the college.



**Dr. A. D. Rangari**  
Signature of the Co-ordinator, IQAC



**Dr. S. B. Lohiya**  
Signature of the Chairperson, IQAC

**ACADEMIC CALENDAR 2015-16****1st Session : 15-06-2015 to 31-10-2015****2nd Session : 23-11-2015 to 30-04-2016**

SN	Month	Programms	Date
1	June'15	a) Admission by Admission Committee b) Opening of College and Principal's Address to the students c) College Council Meeting d) Selection of Class Teachers and Distribution of Activities e) Admission of Students f) Submission of Proposed Academic Plan by Teachers. g) Commencement of Teaching work h) Counselling of Passed-out-students i) Teachers popular lectures	15th     29th
2.	July'15	a) Admissions b) Admission Counselling c) Nature Club Activities-Plantation etc. d) First meeting of Class Teachers with students. e) Registration of NSS Students / NCC students. f) Teachers popular lectures	
3.	Aug'15	a) Last Date of Admission b) Formation of students council c) Inauguration of "Muktangan" d) Independence Day Celebration e) Meeting of Class Teachers with students f) First Academic Committee Meeting g) Processing of applications for different scholarships h) Constitution of Committees of Science Club / Health Club / Cultural Organization i) College Council Meeting j) Guest Lectures / Teachers popular lectures	3rd   15th
4	Sept'15	a) Teacher's Day Celebration by students b) LMC Meeting c) Games and Sport Activities of first phase d) Programme of Science Club / Health Club / Cultural organization e) Class Teacher's meeting with students f) Academic Committee Meeting g) Brijlalji Biyani Punya Tithi h) Preparation for participation in Youth Festival i) Guest Lectures / Teachers popular lectures j) Meeting of Research cell. k) Educational tours (Botanical Excurssion, Industrial Visits, Environmental Study Tour etc.) for Sem-I, III & V l) Unit Test of B.Sc. / B.C.A. (Sem-I, III & V)	5th       27th   21-26th
5.	Oct'15	a) Games and Sport Activities-intercollegiate Tournaments etc b) Class Teachers meeting with students c) Academic Committee Meeting d) Departmental Extension Activities e) Submission of Home Assignment / Project Assignment for B.Sc. / B.C.A. (Sem-I, III & V) f) Pre-semester Examination for B.Sc./ B.C.A. (Sem-I, III & V) First Terminal Examination for B.B.A. & B.Com. g) University Practical Examination of B.Sc. & B.C.A. (Sem-I, III & V)	    15th  24th-29th

6. Nov'15	Diwali Vacation : 1st Nov. 2015 to 22nd Nov. 2015. Winter placement programme for students College Council Meeting	23rd
7. Dec'15	a) Brijlalji Biyani Jayanti b) Dr. Shreemali Smruti Programme c) NSS Camp of Students d) Medical Examination of Students & Remedial Measures e) Programme of Health Club / Science Club / Cultural Organization f) Class Teachers Meeting with students g) Annual Social Gathering h) Guest Lectures / Teachers popular lectures	6th 9th     29-31st
8. Jan'16	a) Academic Committee Meeting b) Programme of Health Club / Science Club / Cultural Organization c) Class Teachers Meeting with students d) Farewell to "Muktangan" participants e) Republic Day Celebration f) Physical Efficiency Test g) LMC Meeting h) Guest Lectures / Teachers popular lectures i) Campus Interviews for Placements	26th
9. Feb'16	a) Evaluation of Teachers and Principal by Students BBA/B.Com. b) Send-off to B.B.A. & B.Com. Final year Students c) Second Terminal Examination for B.B.A. / B.Com. d) Unit Test Examination B.Sc. / B.C.A (Sem-II, IV & VI) e) Science Day Celebration f) Guest Lectures / Teachers popular lectures	15-20th 15-20th 28th
10. Mar'16	a) Academic Committee Meeting b) University Practical Examination of B.Com.- I, II & III c) University Theory Examination d) Participation of Teachers in University Examination work. e) Submission of Home Assignment / Project Assignment for B.Sc. / B.C.A. (Sem-II, IV & VI)	21-26th
11. Apr'16	a) Pre-Semester Examination of B.Sc. / B.C.A. (Sem-II, IV & VI) b) University Practical Examination of B.Sc / BCA (Sem-II, IV & VI) c) College council Meeting d) Participation of Teachers in University Evaluation Work e) Meeting of Research cell. f) Evaluation of Teachers and Principal by Students B.Sc./B.C.A g) Computation of Feedback Report of Teachers	
12. May'16	a) Maharashtra Day Celebration b) Student's Feedback about the college. Summer Vacation : <b>01-05-2016 to 12-06-2016</b> Summer Placement Programme for B.Sc./ BCA / BBA students	1st

#### Number of Days (6 days a week pattern)

Teaching & Learning Process	-	180
Admissions/ Examinations	-	60
Vacation	-	54
Public Holidays	-	18

**Muktangan-Year 2015-16**  
**(Transforming Lives of Slum Children)**

**Title of the Practice:** Muktangan is an informal school for the children in slum area.

**Goal:** To help the children of nearby slum to develop awareness for education, opportunities of creativity, sense of social behavior, good food and cleanliness habits along with the overall development of their personality and living standards.

**The Context :**

The slum area adjacent to the college has a population of about 500. The families living in this area are mostly workers and all of them are migrated from different areas of the state and adjacent state. Their economic level is hard to mouth and literacy level below the level. They do not understand the importance of education. Once they are out of the house, their children are inculcating bad habits. Poverty forced many parents to send their children for work and earn livelihood. The management of the college wanted to execute their social responsibility to educate the children from this slum area.

**The Practice :**

Since 2001 this activity was going on successfully till date. in it as a social responsibility. Muktangan executes their programmes with support from the management, college principal, teachers, and students of the college,.

Children under the project are being trained on vital aspects of personality development like behavior and etiquette, hygiene, cleanliness, health, good values and habits, social concerns. They are also being given training on art, craft, dance and drama through workshops and cultural programmes.

**Functioning of Muktangan:**

1. This year the volunteers enrolled in the Earn while you learn Scheme” were selected under the guidance of in-charge of Muktangan. Initially they visit the slum area and enroll the children for Muktangan.
2. Every sunday the enrolled children from the slum area are called at 8.00 am within the college campus for the informal school.
3. They are taught subjects like English, Maths and Science.
4. Selected volunteers work as their teachers.
5. Classes are taken from 8.00 am to 10.30 pm only on Sundays.
6. To enhance their personality and overall development, the children are guided through different activities like games, various competitions etc. The students are made aware about health and hygiene, cleanliness, environment etc.
7. Every student is given books /pen by the institution.



**Various activities/competitions carried by Muktangan during last year:-**

- Tanha Pola (Bullock decoration)
- Handwriting competition
- Drawing competition
- Health and Hygiene
- Sports
- At the end of session in the social gathering: Dance, Drama, Song, etc.

**Number of Beneficiaries:****Enrollment of Students in “Muktangan” during last year:**

Year	Month	Class wise no. of students					Fare well function
		1 to 4	5 to 7	8 to 10	Total students	Total Teachers	Date
2015-16		26	20	6	52	11	27/3/16

**Officer Incharge, Enrollment of Teachers in “Muktangan” during last year and teachers awarded:**

Year	Officer In-charge	Head Mister/Mistress and Assistant Head Mister	Best teachers awarded
2015-16	Dr. R.R.Laharia	Ku.Shraddha R.Bawner Ku. Roshni D. Kale	Ku. Simran S. Haramkar Ku. Mrunali R. Thakare

**Special Focus & Objectives:**

1. To create awareness about the education among the parents from the socio-economically weaker section of the society.
2. To educate the children about good habits, health, hygiene and cleanliness.
3. To provide the platform for creativity and responsibility.

**Muktangan Library:**

In order to inculcate the habit of reading among these students, a separate library was there. Muktangan library is the most important activity as it reflects the interest of students towards reading. The library has approximately 200 to 300 books. The student in-charge is nominated for the distribution of books to the children.

**Gathering and Farewell function:**

At the end of the session social gathering and farewell function is organized.

The students of Muktangan take part in various cultural activities like dance, singing song, drama etc.

**Sources for resources:**

a) The management always provides necessary funds for this noble cause and in addition to this.

1. Books, Pens and other contingency, class rooms, chalk , duster etc and teaching materials are provided by the college.
2. Every Sunday energetic eatables are given to the Muktangans students.

b) Faculties attached with Muktangans from many years sponsored best student prizes for the winners along with refreshment last year also. Teachers of the Muktangans were also honoured.

### **Problems Faced:**

During the initial phase of Muktangans various observations were made by the teachers and volunteers.

- Lack of awareness for education was observed among the slum dwellers.
- Addiction of alcohol/liquor prohibited the parents from future planning of their children.
- Misbehavior of liquor consumers was the major hindrance for the volunteer during initial survey.
- Poverty forced the parents to send their children for earning wages instead of attending school.

### **Benefits of Muktangans:**

#### **A) Children of slum area:**

- It helped them to improve their hand writing and grammar.
- It made them aware regarding cleanliness, health and hygiene
- It helped them to remove the fear of English, Science and Maths, and increased their interest within the subject.
- It increased the confidence and developed their personality through various competitions.

#### **B) volunteers of Earn while you learn scheme:**

- Those students who were working as teachers of muktangans learned the skill of teaching and increased their ability to work with inclusive programs.
- It increased the Social awareness among the students.
- The students of college got good opportunity through muktangans to give their service to the society and also it helped them to earn while getting education.

Thus, the Muktangans scheme has benefited the children of the slum as well as the college students.

### **Number of beneficiaries in last years –**

Students who received education: 52

College students who learnt the importance of responsibility: 11

### **Evidences of success**

- The number of students participating in Muktangans increased.
- Results of the participating student's improved in their respective classes.

“Muktangan” is thus catering the education supporting mechanism to the children of nearby slum area. From this year the Muktangans was separated N.S.S. as suggested by the NAAC committee.

### **PREPARATION OF PAN CARDS.**

Since last 5 years the department is arranging the activity of preparing Pan Cards of the students of B.Com II and B.B.A. II year. The second year students study taxation and as a part of curriculum enrichment Mrs. S. P. Nibjiya arranged this activity and 47 students got their Pan cards prepared.

The main object of undertaking this activity is to make the students aware about the importance of Pan card and also to explain that part of the curriculum through this activity. Apart from this pan card is a necessary document which is required at many times and while filing the returns. In the academic session 2015-16 47 students got their pan cards prepared during this drive. This activity commenced on 9th October 2015 in the college. The students submitted the required documents and the required fees and filled up the form for the pan card. They received their pan card within a month or two.

**Best Practices :**

Title of the **Practice-** Women Health Camp (Haemoglobin (g/dl) and blood groups of girls)

**Goal:**

To create awareness regarding hygiene and cleanliness among the students

**The Context:**

Anemia poses a major threat to girls of age group 15 to 25. It contributes lowered resistance to infection, poor cognitive development, fatigue and skin paleness, shortness of breath, fast irregular heartbeat, low blood pressure, headache, poor memory, and difficulty in thinking, cold hands and feet and decreased work productivity. To combat with this burning problem in the girls, Iron<sup>+</sup> initiative program was initiated as a pilot program for newly admitted girls in Brijlal Biyani Science College, Amravati from the year 2010-11.

**The Practice:**

In the year 2015-16 also the, Iron<sup>+</sup> initiative program was carried out. The newly admitted girls of the college were advised to carry out blood tests especially for the blood group and the Hb content to know their anemic status as hemoglobin concentration is a widely used as measure of anemia. The blood analysis is carried out by the faculty and the results were analyzed. There are 274 girl students of B.Sc. and B.Com I year in our college out of which number of students analysed for Hb gm % are around 154 and 154 for blood grouping.

**Hb and Blood Group Analysis:**

**Materials and Methods:** Hb count of B.Sc I year and B.Com I year girl students was done by a standard method of Sahli's method and blood grouping was done by using Standard anticera. All the precautions which must be taken at the time of dealing with blood experiments were taken. Only disposable pricking needles were used for every individuals. A camp was organised to guide these students under the proper guidance of a medical practioner. For this a form consisting of all the details of that particular student including cleanliness, menstruation details and health problems were collected before the camp for the pre-information of Dr. Mrs. Manjushree Boob.

The girls are taught about the importance of hemoglobin content and knowing their blood group. After the initial warm up lectures the girls voluntarily participate in the program and get their blood analyzed.

During the camp they were given the guidance regarding the importance of haemoglobin and free medicines which included one tablet of Abendazol (wormicide) which was taken by the students on the spot and bottles of Syrup Tonoferol along Iron tables and medical prescription given by the doctor. The students were guided how to keep their Hb gm% normal by eating nutritional food and importance of other vitamins and even calcium

to stay healthy. They were also asked to maintain their cleanliness especially to keep their nail clean.

The results indicate that out of 154 students, 62 students were found to be severely anaemic. 53 students took the benefit of free medication. After the camp, these students were again tested for their Hb gm% content after two months and it was found that 43 students out of 49 showed elevated Hb. While 6 showed no change. The blood groups of the students were found to be in the order B+ve > O+ve > A+ve > AB+ve and two student each of O-ve and B-ve where as one each of AB-ve, A-ve, blood group.

#### **Number of Beneficiaries:**

#### **Social Activity:**

<b>S. No</b>	<b>Year</b>	<b>Total number of girls of B.Sc. I,II And III year in college</b>	<b>Total number of girls analyzed for their Hb gm%</b>	<b>Total number of girls analyzed for their Blood groups</b>	<b>Total number of girls found Anaemic</b>	<b>Total number of girls attended camp and took the benefit of medication</b>	<b>Total number of girls showing increase in their Hb gm % after 2-3 months of medication (camp)</b>
1.	2015-16	274	154	154	62	53	43 out of 49

During the process other details about their eating habits other inquiries were made It is found that girls are generally unaware about the cause of lack of concentration, weakness and fatigue as well many of the don't know their blood group. Even they had a habit of eating the junk food rather than the nutritional one. During the camp the guidance regarding importance of healthy eating habits and importance of health benefits is given.

From all the above observations it was found that there is a need of creating more awareness about the eating habits among the girl students, as they are

#### **Evidence of Success:**

It is Concluded that 40.25% girl students were severely anaemic which might result into less score in the examination as they get exhausted at early and cannot devote much time on studies. It was personally observed that they cannot attend the classes with much concentration and energy.

The post interaction with the students indicates that the students are well aware about the importance of haemoglobin in life and how keeping haemoglobin normal is essential for concentration in studies and to do well in life. It was found that 43 out of 49 students should increase in their Hb gm % count. All the girls are benefitted by the camp and thus the iron+ initiative program started by the college is found to be of great benefit for the girls. No correlation was seen between the weight and haemoglobin content.

The students were asked whether, they have stopped eating fast food, whether, they are feeling better in the class room or during studies, Whether, they have taken the syrup and tablets regularly as per prescription or not? To all these questions, they replied "yes".

**Problems Encounter:**

Students were not much aware about anaemia and were afraid to get tested before the camp.

**Resources required:**

- a. Sahli's Haemocytometer
- b. Standard anticera.\
- c. Disposable pricking needles
- d. Proper guidance of a medical practioner.
- e. Support from the EOC and college

**Sources for sources :**

Funding from Equal Opportunity Centre and medication guidance from a Medical expert Dr. Manjushree Boob was taken. College provided all the needed support to carry the activity smoothly.

**Suggestions:**

Next year the same activity will be repeated to know the Hb contents in the blood of new students of B.Sc. I year of the college in order to create awareness among the newcomers in college and initiate the Iron+ initiative program among them.