

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

I. 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. N. G. Belsare
Tel. No. with STD Code:	[O] 0721-2677011
Mobile:	9422949550

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.bbscamt.com>

Web-link of the AQAR:

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

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	--	2004	Upto 2009
2	2 nd Cycle	B	2.71	2015	Upto 15 th Nov. 2020
3	3 rd Cycle				
4	4 th Cycle				

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

22-11-2004

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

2016-2017

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)
- ii. AQAR **2014-15 submitted on 06.08.2015** online (through e-mail) (DD/MM/YYYY)
- iii. AQAR 2015-16 **submitted on 30.08.2016** 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	<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" value="No"/>	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:	No. <input type="text" value="10"/> Faculty <input type="text" value="02"/>						
Non-Teaching Staff	<input type="text" value="01"/>	Students	<input type="text" value="02"/>	Alumni	<input type="text" value="03"/>	Others	<input type="text" value="02"/>

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. Encouragement to research activity and submission of Research Projects.
2. Designing and implementation of Bridge Courses for B.Com. I and B.Sc. I
3. Prizes to Meritorious students at subject / department level.
4. Awareness regarding CBCS implemented by University.

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 style="text-align: center;">Proposed Plan for the year 2016-2017</p> <p>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> <ol style="list-style-type: none"> 1) The Dress code be continued for staff and uniform be prescribed for students. 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. 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. 4) Each department shall organize at least one Guest lecture per class covering any topic from syllabus. 	<p>Continued</p> <p>Organized by faculty members for each class.</p> <p>Partially done.</p> <p>Physics, Chemistry, Statistics, Electronics, Computer Science, Maths, Botany, Zoology, Biotechnology, B.B.A., B.Com. & 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. b. M.Sc. Electronics, B.Sc. & B.B.A. Final year students shall be provided open access to the Library. c. Librarian shall maintain a suggestion cum complaint box in the library. d. Librarian shall arrange a book exhibition in the college for the students and the staff every year. e. Librarian shall collect yearly feed back from the staff and students. f. Books-Bank facility be continued for the students. g. One extension activity shall be organized by the library.	Continued. Continued Yes. Yes. Yes. Yes. Yes.
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. b. IQAC suggests to continue assessment of the Principal's work by feedback method. c. IQAC suggests to introduce assessment of Librarian, DPE, Office staff and other key staff members by the students by feedback method. d. IQAC suggests the assessment of teachers by other teachers (peer review).	Done. Done Done Yes.
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 2016-17 with previous three years.	Yes.
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 2016-17. If possible, appointment of PRO is recommended so that more number of best companies come for the campus interview.	20 college students have received placements’.
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 2016-17.	
i. Analytical Chemistry - I/c Dr. S. N. Gupta	Continued, 15 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 2016-17.	Continued. 12 students benefitted.
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.	On the basis of their propensities students are shortlisted for various co-curricular, extracurricular and sports activities.
17) It is decided that following activities which come under purview of Management may be proposed to the Management.	

a) Renovation of Zoology Laboratory	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 has Noted.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	03	--	03	--
PG	02	01	03	--
UG	04	--	03	--
PG Diploma	02	--	01	--
Advanced Diploma	03	--	03	03
Diploma	03	--	03	03
Certificate	03	--	03	03
Others	--	--	--	--
Total	20	01	19	09
Interdisciplinary	--	--	--	--
Innovative	02	--	02	--

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. & M.Com.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	07
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, Change in syllabus only in Mathematics - B.Sc. II

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

Additional PG program M.Com. and Additional Section of B.Sc. I, started on non-grant in aid basis.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	23	06	14	02	01Principal

2.2 No. of permanent faculty with Ph.D.

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
	01	14	Nil	Nil	Nil	Nil	Nil	Nil	00	15

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	02	15	--
Presented papers	07	16	--
Resource Persons	01	05	--

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

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

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

2.10 Average percentage of attendance of students

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)	321	10.88	48.29	40.81	-	45.49
B. Sc. I (Sem-II)	310	11.29	34.19	33.54	11.90	61.29
B. Sc. II (Sem-III)	243	18.75	61.25	20.00	-	32.92
B. Sc. II (Sem-IV)	242	7.44	29.33	36.36	14.04	87.19
B. Sc. III (Sem-V)	194	16.81	63.71	19.47	-	58.25
B. Sc. III (Sem-VI)	193	22.53	61.26	16.19	-	73.58
BCA I (Sem-I)	127	-	62.85	37.14	-	27.56
BCA I (Sem-II)	118	-	67.64	32.35	-	28.81
BCA II (Sem-III)	82	1.22	76.19	19.05	-	25.61
BCA II (Sem-IV)	82	-	47.05	50.00	1.22	48.78
BCA III (Sem-V)	71	-	63.04	36.95	-	64.79
BCA III (Sem-VI)	71	-	74.46	25.53	-	66.20
BBA -I	119	-	75.00	25.00	-	16.80
BBA- II	48	7.14	71.48	21.42	-	29.17
BBA-III	39	-	70.83	29.16	-	61.54
B. Com I	129	17.78	72.22	10.00	--	69.77
B. Com II	113	8.10	86.32	5.40		32.74
B. Com III	92	19.60	74.50	5.88		55.43
M. Com. I	29	--	17.24	3.45	--	20.69
M. Sc. I (Sem-I) (ELECTRONICS)	21	14.28	38.09	9.52	-	61.89
M. Sc. I (sem-II) (ELECTRONICS)	17	33.33	50.00	16.16	-	35.29
M. Sc. II (Sem-III) (ELECTRONICS)	20	69.23	30.76	-	-	94.23
M. Sc. II (Sem-IV) (ELECTRONICS)	19	26.31	73.68	-	-	84.21
M. Sc. I (sem-I) (BOTANY)	19	21.05	31.57	10.52	26.31	52.63
M. Sc. I (sem-II) (BOTANY)	19	29.41	47.05	17.64	5.88	82.35
M. Sc. II (sem-III) (BOTANY)	17	35.29	58.82	5.88	-	88.24
M. Sc. II (sem-IV) (BOTANY)	17	47.05	52.94	-	-	88.24
PGDM (Sem-I) (ELECTRONICS)	06	100	0	0	0	16.66
PGDM (Sem-II) (ELECTRONICS)	05	100	--	--	--	100.00
PGDBME (Sem-I) (ELECTRONICS)	06	20	80	0	0	83.44
PGDBME (Sem-II) (ELECTRONICS)	06	100	-	-	-	100.00

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 advices 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.	03
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	06	03	Nil	03
Technical Staff	13	18	Nil	18

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 appeal teachers for applying to University for guide recognition and Laboratory recognition.

Motivated for utilization of research laboratory fees for the upgradation of laboratory facilities.

3.2 Details regarding major projects –

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	--	--
Outlay in Rs. Lakhs	--	46,78,150	--	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	04	09
Outlay in Rs. Lakhs	--	--	9,50,000	

3.4 Details on research publications

	International	National	Others
Peer Reviewed Journals	15	03	
Non-Peer Review Journals	--	--	
e-Journals	--	--	
Conference proceedings	--	--	

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	2016-2018	DST	46,78,150	39,42,150
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	--	--	56,28,150	39,42,150

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	--	--	--

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

06

11

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

04

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

JRF

SRF

01

Project Fellows

Any other

3.21 No. of students Participated in NSS events:

University level

74

State level

02

National level

International level

3.22 No. of students participated in NCC events:

University level

37

State level

04

National level

02

International level

3.23 No. of Awards won in NSS:

University level

--

State level

01

National level

--

International level

--

3.24 No. of Awards won in NCC:

University level

--

State level

01

National level

--

International level

--

3.25 No. of Extension activities organized

University forum

--

College forum

04

NCC

05

NSS

11

Any other

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

- Muktangan.
- Generous contribution of Rs.51,000/- has been made by the management to Sainik Kalyan Nidhi
- Ganesh Festival Clay 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	---	--	11
Seminar Halls	01	---	---	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	--	01	From UGC	01
Value of the equipment purchased during the year (Rs. in Lakhs)	--	6.75	From UGC / Management	--
Others	--	Renovation	From Management	--

4.2 Computerization of administration and library

- ❖ Office work is mostly computerized.
- ❖ Office has separate Internet Facility.
- ❖ Library is fully computerized.
- ❖ Automation of Library with Bar Code System and other daily work.
- ❖ Library has separate Internet Facility.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	16962	37.25	528	2.19	1749	39.44
Reference Books	665	3.25	09	0.24	674	3.48
e-Books	--	--	--	--	--	--
Journals	43	0.49	--	--	43	0.49
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	300	--	18	--	318	--
Others (specify)	2900	03.34	57	0.8	2967	3.45

4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	202	123	02	03	03	--	--	05
Added	05	04	01	--	--	--	01	06
Total	207	127	03	03	03	--	01	11

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

1. Each Department has Internet Facility.
2. Each Department provide Internet facility to the students to prepare seminar and develop project.
3. Teachers used the Internet facility to upgrade the knowledge and prepare presentation for lectures.

4.6 Amount spent on maintenance in lakhs :

i) ICT	0.60
ii) Campus Infrastructure and facilities	13.65
iii) Equipments	6.75
iv) Others	0.75
Total :	21.75

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
1606	108	11	13

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

	No	%		No	%
Men	810	46.63	Women	927	53.37

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
458	129	14	958	nil	1559	530	151	20	1036	nil	1737

Demand ratio 2.3 : 1

Dropout % Varied between 25% & 33%

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

- ❖ One weak program for training students to appear for Service Selection Board (SSB) Interviews.
- ❖ Coaching Classes for Entry in Services were organized under UGC grant.
- ❖ During the coaching, 08 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

No. of students beneficiaries

58

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	03

5.6 Details of student counselling and career guidance

1. Youth Power and Personality Development - Dr. P.R.Rajput
2. Bee Keeping as a small scale Industry – Dr. Varsha Zade
3. Plastic Hatwa Jiwan Wachwa – Mr. Milind Pagare
4. Software Engineering – Prof. Rajesh D. Bhojar
5. Career Opportunities in the field of Computer Science - Prof. R. D. Bhojar
6. Computer Networking and Hardware – Mr. Mohd. Ashraf H. Mujawar
7. Company Secretary Course and its future prospects – C.A. Ashish Agrawal
8. Dare to Dream - Ms. Asra Mirza
9. Inspiration – Ms. Ritu Kedia
10. Requirement to be Successful Entrepreneur – Mrs. Smita Landge
11. Solutions on issues of Budding Age – Dr. Mohana Kulkarni

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	20

5.8 Details of gender sensitization programmes

1. Health Check-up Camp for girls.
2. Guest lecture on “Spread Your Wings and Fly” by Dr. Anuradha Totey for girls.
3. One Day Women Empowerment Workshop for girls of this college.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution *	543	1629000
Financial support from government	456	2461972
Financial support from other sources	04	172000
Number of students who received International/ National recognitions		

* In the shape of concessions in fees to meritorious, poor and needy students in un-aided and self finance courses.

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:

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 have a management Information System

Yes

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.
- ❖ Attending workshops at University Level for curriculum development.

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,
- ❖ Internal Tests, Remedial coaching, Counselling,
- ❖ Visit to Industries.

6.3.3 Examination and Evaluation

- ❖ Involvement in central valuation programme of affiliating University of College faculty members.
- ❖ Reforms in Internal assessment system.

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.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- ❖ Excellent Library infrastructure.
- ❖ Network Resource Center.
- ❖ Open access in Library.
- ❖ Technology adoption.
- ❖ Enhancement of Library hours.

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.

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 on managements financial liability despite of permission from State Government to overcome gap of full time teachers appointments.

6.3.8 Industry Interaction / Collaboration

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

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

6.5 Total corpus fund generated

Rs. 5,97,647/-

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 declare results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

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

- Online question papers delivery system
- On Screen Evaluation.
- Semester pattern introduced in commerce faculty.

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.
- ❖ Support in the form of Guest faculty.
- ❖ Support for research programme.

6.12 Activities and support from the Parent – Teacher Association

- ❖ Organization of Parents' Meetings for suggestions and feedback.
- ❖ Genuine suggestions of parents are acknowledged and implemented.

6.13 Development programmes for support staff

Such programs are informally conducted at departmental level.

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

- ❖ Tree Plantation at institutional level.
- ❖ Efforts to reduce solid / liquid 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 2016-17 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
2. Haemoglobin Detection.

**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 club in the college is functional and conducted bird watching camp on 14th February 2017. It also organized guest lecture on importance of medicinal plants on 23rd February 2017. Garden waste is used for vormicomposting 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.
- ❖ Optimum utilization of infrastructure.
- ❖ Open access of library for Ex-students.

Weakness

- ❖ Student teacher ratio not fully satisfactory.
- ❖ Fully furnished AV Theatre is wanting.
- ❖ Absence of centralized Generator facilities.

Opportunity

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

Threats

- ❖ Despite strong desire, inability to pay handsome salary to temporary staff.
- ❖ Governments lack of concern for recruiting required staff.
- ❖ Non availability of non salary grants to Institution.
- ❖ In ordinate delays by University in declaration of results.


Proposed Plan for the year 2017-2018

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.

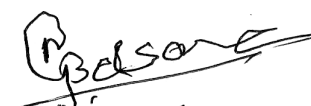
1. Each staff member of every department shall organize at least one students seminar per semester. The topic for the same shall be decided by the teacher concerned. Use of audio and visual aids is expected.
2. Every teacher shall organize at least one programme under extension services or community 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 a 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 feedback 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 2017-18.

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 2017-18.

9. To identify the students on 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 Counselling 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 be established in the college.
14. Renovation of Statistics, Botany, Chemistry, Mechatronics Laboratories be undertaken.
15. Continuation of UGC Innovative PG Programs on Self Finance and Management support basis.
16. With the financial support from the Management, continuation of UGC approved schemes viz Coaching Classes in Entry in Services, Remedial Coaching Classes, Equal Opportunity Center be continued.
17. Efforts to made for creating Shaded parking for students and staff vehicles for two wheelers and four wheelers.
18. To organize one day workshop on Quality Enhancement Initiative.



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



Dr. N. G. Belsare
Signature of the Chairperson, IQAC

6. Nov'16	Diwali Vacation : 23 rd Oct. 2016 to 13 th Nov. 2016. Winter placement programme for students College Council Meeting	23rd
7. Dec'16	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'17	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'17	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'17	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 21-26th B.Sc. / B.C.A. (Sem-II, IV & VI)	
11. Apr'17	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'17	a) Maharashtra Day Celebration b) Student's Feedback about the college. Summer Vacation : 30-04-2017 to 11-06-2017 c) 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

Best Practices:

Muktangan- Year 2016-17
(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 hand 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 going 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 am 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)
- Hand wring 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	Class wise no. of students			Total Students	Teachers	Fare well function Date
	1 to 4	5 to 7	8 to 10			
2016-17	41	45	27	113	08	05/03/2017

Office In-charge, Enrollment of Teachers in “Muktangan” during last year

and teachers awarded:

Year	Office In-charge	Head Mister/Mistress and Assistant Head Mister	Best teachers awarded
2016-17	Dr. S.J.Ishwarkar	Ku. Mrunali Thakare Ku. Nikita Pande	Ku. Mrunali Thakare Ku. Nikita Pande

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:

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

Problems Faced:

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

- Lack of awareness for education was observed among 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 Muktangan:

A) Children of slum area:

- It helped them to improve their 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 muktangan 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 muktangan to give their service to the society and also it helped them to earn while getting education.

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

Number of beneficiaries in last years:

Students who received education:	113
College students who learnt the importance o responsibility:	08

Evidences of success

- The number of students participating in Muktangan increased.
 - Results of the participating student's improved in their respective classes.
- “Muktangan” is thus catering the education supporting mechanism to the children of nearly slum area. From this year the Muktangan was separated N.S.S. as suggested by the NAAC committee.

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⁺ 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 2016-17 also the, Iron⁺ 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 148 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 78 and 61 for blood grouping.

Hb and Blood Group Analysis:

Materials and Methods: Materials and Methods: Hb count of B.Sc I year girl students was done by a standard Haemo Rapid Test Kit provided by the former Honorable Principal Dr. S.B. Lohiya B.B.Sc. College 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. A camp was organised out of 34 **anemic** student, around 30 were present for the camp and 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. Dr. R. R. Laharia and Dr. P. R. Agrawal guided the students 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 82 students, 34 students were found to be severely anaemic. 30 students took the benefit of free medication. After the camp, these students were again tested for their Hb gm% content after a month and it was found that 19 students out of 21 showed elevated Hb. While 2 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 O-ve > B-ve > A-ve, blood group, where as none AB-ve, blood group

Number of Beneficiaries:

S. No	Year	Total number of girls of B.Sc. I,II And III year in college	Total number of girls analyzed for their Hb gm%	Total number of girls analyzed for their Blood groups	Total number of girls found Anaemic	Total number of girls attended camp and took the benefit of medication	Total number of girls showing increase in their Hb gm % after 2-3 months of medication (camp)
1.	2016-17	148	82	61	34	30	19 out of 21 and 2 with no change

Social Activity:

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 them 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 41.46% 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. 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 having a habit of eating the junk food rather than the nutritional one. 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. 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.