

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

AQAR for the year (for example 2013-14)

2014-15

I. Details of the Institution

1.1 Name of the Institution

Sheth R. A. College of Science

1.2 Address Line 1

Vidyagauri Nilkanth Marg

Address Line 2

Khanpur

City/Town

Ahmedabad

State

Gujarat

Pin Code

380001

Institution e-mail address

brasc_abd@yahoo.com

Contact Nos.

079-25600311

Name of the Head of the Institution:

Dr. H. M. Patel

Tel. No. with STD Code:

079-25600311

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 18879)

OR

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2014-15.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.09	2008	2008-2013
2	2 nd Cycle	B	2.28	2015	April 30, 2020
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC : DD/MM/YYYY

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 - 2008-09 submitted to NAAC 28/10/2009
- ii. AQAR - 2009-10 submitted to NAAC 24/12/2012
- iii. AQAR - 2010-11 submitted to NAAC 24/12/2012
- iv. AQAR - 2011-12 submitted to NAAC 17/01/2013
- v. AQAR - 2012-13 submitted to NAAC 27/06/2014 (Online)
- vi. AQAR - 2013-14 submitted to **NAAC**

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)

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1.11 Name of the Affiliating University (for the Colleges)

Gujarat University, Ahmedabad

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

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

2. IQAC Composition and Activities

2.1 No. of Teachers	6
2.2 No. of Administrative/Technical staff	2
2.3 No. of students	2
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2.6 No. of any other stakeholder and community representatives	2
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	0
2.9 Total No. of members	15
2.10 No. of IQAC meetings held	

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

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- 2014-15

Plan of Action	Achievements
To take green initiatives to contribute environment quality	Ground water recharge well, Rain water harvesting tank & waste segregation system (put into practice)

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

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	1 (M. Sc)	-	-	-
UG	1 (B. Sc)	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	2	-	-	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	-
Annual	-

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: **Please see Annexure-1**

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

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

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Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	28	11	16	-	01

2.2 No. of permanent faculty with Ph.D.	19
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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
	06	05	-	-	-	-	02	01	08	06

2.4 No. of Guest and Visiting faculty and Temporary faculty	02	02	04
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	3	0
Presented papers	11	5	0
Resource Persons	0	0	0

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

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2.7 Total No. of actual teaching days during this academic year	186
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple-Choice Questions)	-
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2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop	2	3	-
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2.10 Average percentage of attendance of students	70%
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2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Sem-I	225	5.33	15.11	28.44	5.33	54.22
Sem-II	224	5.36	16.07	32.14	7.14	60.71
Sem-III	554	1.81	7.94	26.17	7.94	43.86
Sem-IV	539	6.86	16.33	25.60	9.09	57.88
Sem-V	315	3.49	13.33	41.59	6.35	64.76
Sem-VI	308	3.90	14.61	40.58	6.82	65.91

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

IQAC contribute teaching /learning by passing valuable and relevant information like regarding seminar/workshop/refresher course at local, regional, national, international level in view to keep close contact with the frontier with the subject to faculties and students.

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	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	04
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	01	06	-	07
Technical Staff	11	15	-	02

Criterion – III

3. Research, Consultancy and Extension

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

IQAC encourage faculties to engage and carry out research activities and put it at various National and International platform, also develop collaboration with scientists and provide necessary facility for the same

3.2 Details regarding major projects

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

3.3 Details regarding minor projects

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

3.4 Details on research publications

	International	National	Others
Peer Review Journals	14	-	-
Non-Peer Review Journals	-	-	-
e-Journals	02	-	-
Conference proceedings	02	-	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

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

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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	-	-	-	-	-
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

5

4

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

Nil

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

- Blood donation camp was organized where in 50 bottles of blood were collected.
- Our students appeared in tests organized by SCOPE & BULAT
- Organized popular lecture on Stress management & AIDS and Thalasamia, Toxicology & Histotechnology
- College participated in INT drama competition
- Drama workshop was organized on 30/12/2015 wherein renowned persons delivered lectures.
- Seminar under 'Suraksha setu' organised by Shahpur police station and large number of girl students were participated.
- Placement programme was organised by Sharda Trust-3 students were selected
- In the premise Percolating well is built to recharge ground water & other rain water storage tank in built with capacity of 25000 litre for laboratory use.
- Solid waste disposal management system has been put to practice.
- College got accreditation of NAAC (cycle-2) and AAA (KCG)
- 20 girls students participated in Rifle training workshop

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	4110.65 Sq.mt	-	Donation from society	4110.65 Sq.mt
Class rooms	17	-	Do	17

Laboratories	9	-	Do	9
Seminar Halls	1	-	Do	1
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	1	-	UGC	-
Value of the equipment purchased during the year (Rs. in Lakhs)	160000	-	-	160000
Others	-	-	-	-

4.2 Computerization of administration and library

SOUL- Library
TALLY- Administration, MATLAB-Mathematics

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books & Reference Books	19712		123	7485	19835	
e-Books	N-list	5000/year				
Journals	13	8700	-	-	13	8700
e-Journals	N-list	5000/year				
Digital Database	-	-	-	-	-	-
CD & Video	115		BISAG-107	2675	222	2675
Others (Magazine and news letter)	24	8614	-	-	24	8614

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	14	-	8	1	-	-	-	-
Added	-	-	-	-	-	-	-	-
Total	14	-	8	1	-	-	-	-

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

NA

4.6 Amount spent on maintenance in lakhs :

i) ICT	0.3805
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ii) Campus Infrastructure and facilities	3.37107
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iii) Equipments	0.03825
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iv) Others	0.52437
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Total :	4.31419
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Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC encourages faculty to organize more placement interviews. Organize popular lectures and seminars of various subjects.

5.2 Efforts made by the institution for tracking the progression

Institute ensures that more numbers of students participate in placement
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5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1106	38	-	-

(b) No. of students outside the state

-

(c) No. of international students

Men	No	%	Women	No	%
	762	66.60		382	33.39

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1151	70	18	115	-	1354	656	141	32	315	-	1144

Demand ratio-5.21:1 (Bhavan's preference 1200/admitted in sem I-230) Dropout %- <1

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

No. of students beneficiaries

5.5 No. of students qualified in these examinations

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

5.6 Details of student counselling and career guidance

No. of students benefitted

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
10	314	45	10

5.8 Details of gender sensitization programmes

NIL

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	-	-
Financial support from government	242	802130
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: Bhavan's Sheth R. A. College of Science is a valued and vital educational centre and ethical partner striving to enrich our expanding society and prepare our students to live and work in a scientifically challenging and demanding global environment.

MISSION: To provide quality higher education in basic (pure) sciences, which is accessible, affordable, learner centered institution dedicated to student success, serving the interior city area of Ahmedabad and beyond.

6.2 Does the Institution has a management Information System

Yes- through coordinator Bharatiya Vidya Bhavan's Ahmedabad kendra

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

6.3.1 Curriculum Development

NIL

6.3.2 Teaching and Learning

Audio visual technology, e-books, Internet,
Educational CDs of BISAG

6.3.3 Examination and Evaluation

As per Gujarat University guide lines

6.3.4 Research and Development

-

6.3.5 Library, ICT and physical infrastructure / instrumentation

Reference books and laboratory equipments were
purchased as per demand.

6.3.6 Human Resource Management

-

6.3.7 Faculty and Staff recruitment

6 Adhyapak sahayaks (3 chemistry, 1 physics, 1 botany, 1 mathematics) are appointed

6.3.8 Industry Interaction / Collaboration

-

6.3.9 Admission of Students

As per Gujarat University guide lines

6.4 Welfare schemes for

Teaching	-
Non teaching	-
Students	-

6.5 Total corpus fund generated

NIL

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	KCG	Yes	KCG
Administrative	Yes	KCG	Yes	KCG

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?

NA

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

NIL

6.11 Activities and support from the Alumni Association

Alumni asso. Offer student's Awards during farewell (B.Sc I, II, V, M.Sc I, III

6.12 Activities and support from the Parent – Teacher Association

NIL

6.13 Development programmes for support staff

NIL

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

Several dustbins were kept in building and campus at easily accessible locations and biodegradable wastes are assorted and send separately

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.

NIL

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

Percolating well and Rain water harvesting tank is built-up, waste segregation system is put in practice

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

As Mentioned in 7.2

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

7.4 Contribution to environmental awareness / protection

Ground water recharge well, Rain water harvesting tank, waste segregation and disposal system are put in to practice.

7.5 Whether environmental audit was conducted? Yes No

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

8. Plans of institution for next year

- Motivate Students for participation in seminar/ workshop/camp/hands on training/study tour
- Organize seminar/workshop/colloquium, Blood donation camp
- Strengthen alumni association by motivating final year students to join

Name : *Dr. Kiran Prajapati*

Name : *Prin. (i/c) Dr H. M. Patel*

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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Annexure I

FEEDBACK ANALYSIS- 2015




