

## 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	C.U. SHAH SCIENCE COLLEGE
1.2 Address Line 1	NR. GUJARAT VIDYAPEETH,
Address Line 2	ASHRAM ROAD
City/Town	AHMEDABAD
State	GUJARAT
Pin Code	380014
Institution e-mail address	info@cushahsciencecollege.org
Contact Nos.	079-65120924
Name of the Head of the Institution:	Dr. ANITA H. GHAREKHAN
Tel. No. with STD Code:	079-65120922
Mobile:	+91 9825407878

Name of the IQAC Co-ordinator:

BHAVINKUMAR M. PANDYA

Mobile:

+91 9825493034

IQAC e-mail address:

Bhavin1118@yahoo.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

6053 dt.22/04/2007

1.4 NAAC Executive Committee No. & Date:

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

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

EC/45/A & A/07

1.5 Website address:

www.cushahsciencecollege.org

Web-link of the AQAR:

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.09	2008	5
2	2 <sup>nd</sup> Cycle	--	--	--	--
3	3 <sup>rd</sup> Cycle	--	--	--	--
4	4 <sup>th</sup> Cycle	--	--	--	--

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

04/08/2008

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

2011-12

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR \_\_\_\_\_ AQAR 2007-08 submitted to NAAC on 04/08/2008 \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ AQAR 2009-10 submitted to NAAC on 10/09/2010 \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ AQAR 2010-11 submitted to NAAC on /06/2014 \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.10 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

-----

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

GUJARAT UNIVERSITY

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

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

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

2.1 No. of Teachers	<input type="text" value="3"/>		
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>		
2.3 No. of students	<input type="text" value="--"/>		
2.4 No. of Management representatives	<input type="text" value="1"/>		
2.5 No. of Alumni	<input type="text" value="2"/>		
2.6 No. of any other stakeholder and community representatives	<input type="text" value="--"/>		
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>		
2.8 No. of other External Experts	<input type="text"/>		
2.9 Total No. of members	<input type="text" value="8"/>		
2.10 No. of IQAC meetings held	---		
2.11 No. of meetings with various stakeholders:	No.	<input type="text" value="---"/>	Faculty <input type="text" value="2"/>
	Non-Teaching Staff	<input type="text" value="1"/>	Students <input type="text"/>
	Alumni	<input type="text" value="---"/>	Others <input type="text"/>

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 \*

Plan of Action	Achievements
Improvement in the teaching aids and methodology, Faculty encouragement towards up-gradation of their qualification to Ph.D.	Teaching with Multimedia is implemented. Faculties applied for minor research project under science research development. Faculties' planning to register their Ph.D. Some faculties have been awarded PhD guide ship.

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

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

**Part – B**  
**Criterion – I**

**I. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	--	--	--	--
PG	--	--	--	--
UG	B. Sc.	--	--	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
<b>Total</b>	01	--	--	--
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

Pattern	Number of programmes
Semester	Semester system is implemented at first year BSc.
Trimester	--
Annual	Annual pattern (3 yrs) is continued

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*

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

Yes, Sem-I and Sem-II syllabi is implemented as per guideline of Gujarat University

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

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	43	9	30	--	4

2.2 No. of permanent faculty with Ph.D. 13

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
	9	9	30	--	--	--	4	--	43	9

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	8	40	44
Presented papers	7	5	0
Resource Persons	0	0	0

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

--

2.7 Total No. of actual teaching days during this academic year 208

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions) No

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 02

2.10 Average percentage of attendance of students 81%

2.11 Course/Programme wise  
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Total Pass %
Sem-II	378	7.6	17.19	27.77	2.9	55.55
S.Y. B.Sc.	406	--	18.7	46.55	12.8	78.07
T.Y. B.Sc.	313	--	21.08	57.51	12.78	91.37

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

Suggestions for the betterment of the institute, students and staff received.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes(Participation by faculty at state/National level)</i>	<i>Number of faculty benefitted</i>
Refresher courses	0
UGC – Faculty Improvement Programme	5
HRD programmes	0
Orientation programmes	0
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	16
Others	8

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	6	5	--	--
Technical Staff	9	6	--	--



## Criterion – III

### 3. Research, Consultancy and Extension

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

-Grant of duty leave for research presentation, Laboratory flexibility for Research  
-Encouragement towards Minor and Major Research Project

#### 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	9	10	0
Non-Peer Review Journals	0	0	0
e-Journals	1	0	0
Conference proceedings	5	0	0

#### 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

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

- One Blood donation camp organised

### 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	5000 sq.yards	--	--	--
Class rooms	1160 sq. met.	--	--	--
Laboratories	997.28 sq.met	--	--	--
Seminar Halls	--	--	--	--
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	--	--	--	--
Value of the equipment purchased during the year (Rs. in Lakhs)	--	--	--	--
Others	--	--	--	--

4.2 Computerization of administration and library

Inflibnet programme is already implemented in library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	3302	204091	6	420	3308	204511
Reference Books	13130	1107224	83	8606	13213	1115830
e-Books	--	--				
Journals	458	78651	17	28013	475	106664
e-Journals	--	--				
Digital Database	--	--				
CD & Video	51	---	--	--	51	--
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	32	1	17	3	--	3	8	2
Added	--	--	--	--	--	--	--	--
Total	32	1	17	3	--	3	8	2

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

---

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

i) ICT	0.05800
ii) Campus Infrastructure and facilities	--
iii) Equipments	0.31113
iv) Others	
<b>Total :</b>	0.36913

### Criterion – V

## 5. Student Support and Progression

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

College encouraging students for their job prospective and improvisation of placement cell.

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

---

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1097			

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	654	59.62		443	40.37

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
801	86	16	174	24	1101	795	86	22	194	--	1097

Demand ratio -- Dropout 0.36%

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

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	80	45	-----

5.8 Details of gender sensitization programmes

## 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 (Rs.)
Financial support from institution	--	--
Financial support from government	--	480054
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

BE THE BEST: Nothing short of numero uno slot satisfies our institute. So we want to be one of the best science colleges.  
GOOD EDUCATION: To help students achieve maximum from our institute with the help of seminars and lectures.

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

As per guideline from Gujarat University  
Semester system is implemented in First year BSc.

6.3.2 Teaching and Learning

As per guideline from Gujarat University

6.3.3 Examination and Evaluation

As per guideline from Gujarat University

6.3.4 Research and Development

Flexibility towards duty leave grant, Laboratory facilities for faculties for research work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Increasing no. of computers for students and faculties with today's equipped internet facilities.

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students



6.4 Welfare schemes for	Teaching	--
	Non teaching	---
	Students	--

6.5 Total corpus fund generated

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	Director of Higher Education(Govt.)	--	--
Administrative	Yes	Rajendra N. Shah & Co.	--	--

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?

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

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

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

## 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.

Improvisation in the teaching method. Faculty research has improved quality of students interest in research area.

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

Attention towards improvement in the students' results at university level.  
Faculty encouragement towards research area and major research projects.

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

---

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

- 7.4 Contribution to environmental awareness / protection

---

- 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

Implementation of Semester system as per guideline of university  
Faculty encouragement towards research, minor and major research project.  
Extension/Improvisation of students' Placement cell

Name: **Mr. Bhavinkumar M. Pandya**

Name: **Dr. Anita H. Gharekhan**

Signature of the Coordinator, IQAC

I/c Principal,  
C. U. Shah Science College, Ahmedabad  
Signature of the Chairperson, IQAC

\*\*\*

**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.

Improvisation in the teaching method. Faculty research has improved quality of students interest in research area.

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

Attention towards improvement in the students' results at university level.  
Faculty encouragement towards research area and major research projects.

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

---

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

7.4 Contribution to environmental awareness / protection

---

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**

Implementation of Semester system as per guideline of university  
Faculty encouragement towards research, minor and major research project.  
Extension/Improvisation of students' Placement cell

Name MR. BHAVIN M. PANDYA

Name DR. ANITA H. GHAREKHAN

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC



**I/C. PRINCIPAL  
C. U. SHAH SCIENCE COLLEGE  
ASHRAM ROAD, AHMEDABAD-14.**

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

\*\*\*\*\*