

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2013-2014

Submitted by



Sarvodaya Kelavani Samaj managed

**SHREE MANIBHAI VIRANI AND SMT. NAVALBEN
VIRANI SCIENCE COLLEGE, RAJKOT**

Affiliated to Saurashtra University, Rajkot

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Track ID: GJCOGN13267

EC/66/RAR/046 dated 21-2-2014

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

(An Autonomous Institution of the University Grants Commission)

P.O. Box No. 1075, Nagarbhavi, Bangalore – 560 072, Karnataka

The Annual Quality Assurance Report (AQAR) of the IQAC

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

Part – A

1. Details of the Institution

1.1 Name of the Institution

Shree Manibhai Virani and Smt. Navalben Virani Science College

1.2 Address Line 1

“Yogidham Gurukul”,

Address Line 2

Kalawad Road,

City/Town

Rajkot

State

Gujarat

Pin Code

360005

Institution e-mail address

principal@vsc.edu.in

Contact Nos.

09824803333

Name of the Head of the Institution:

Dr. A. U. Patel

Tel. No. with STD Code:

0281-2562681

Mobile:

09825403388

Name of the IQAC Co-ordinator:

Dr. K. D. Ladva

Mobile:

09824803333

IQAC e-mail address:

kdladva@vsc.edu.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

GJCOGN 13267

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/66/RAR/046 dated 21-2-2014

1.5 Website address:

www.vsc.edu.in

Web-link of the AQAR:

http://vsc.edu.in/wp-content/uploads/bsk-pdf-manager/aqar-2013-14_10.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	'A'	-	2007	2012
2	2 nd Cycle	'A'	3.28	2014	2019
3	3 rd Cycle	Not Applicable			
4	4 th Cycle	Not Applicable			

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

06/08/2007

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

2013-14

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 _____ NA _____ (DD/MM/YYYY)
 ii. AQAR _____ (DD/MM/YYYY)
 iii. AQAR _____ (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 ☒

* UGC has granted academic autonomy in 2012-13 but Permission / NOC from affiliating Saurashtra University & Government of Gujarat is awaited, hence autonomy is not implemented.

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*)

Saurashtra University, Rajkot

1.13 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 (*Specify*)

UGC-COP Programmes

☒

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of Students

2.4 No. of Management representatives

2.5 No. of Alumni

2. 6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: Total 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

* Including scientific-R&D.

(ii) Themes

National Level Seminar/Symposium/Workshop:

- Emerging Trends in Biological Sciences
- Current Trends in Drug discovery
- Atmiya Scitech Utsav
- Maintenance of Opto- analytical Instruments
- Universal Human Values

Institute Level FDP/Workshop/Training:

- Opportunities and challenges in academic autonomy
- NLIST & Science Direct Training
- Research Funding – Writing Successful Proposals
- Emotional Intelligence
- Public speaking & Fluency in English

2.14 Significant Activities and contributions made by IQAC

- Curriculum revision of UGC-PG innovative program.
- DBT Star College learner centric activities.
- Enrichment in ICT enables T& L strategies implementation and examination reforms- internal assessment components only.
- Continuation of Bridge course and remedial coaching.
- Organisation National level events.
- Procurement of new Instrument/equipments.
- Gujarat State Biotechnology Mission Sponsored capacity building program.
- Organisation of various co & extracurricular activities within and beyond the academic calendar of affiliating Saurashtra University.
- Job placement through on & off campus interviews.
- Coaching for Competitive Examinations / Entrance Test .
 - Coaching for UGC NET/SLET/GATE.
 - KVPY (Central Exam) coaching classes.

- Sponsored research projects proposal submission.
- Consultancy generation- GPCB Environmental Audit and Soil Health Card program of Gujarat State Government.
- A Book on the Innovative & best Practices of the institution.
- AISHE DCS submission.

Compliance to recommendations for quality enhancement of the college; made by the NAAC peer team members.

1. **FDP** conducted on “**Opportunities and challenges in Academic Autonomy**” 16th and 17th March 2013.
2. To enrich existing research culture; the faculty members have been motivated to apply for research project proposals to various funding agencies.
 - **FDP** organised on “**Research Funding – Writing Successful Proposals**” on 18th September 2013.
 - Faculty members have been encouraged to participate in International & National level scientific events.
3. Introduction of Regional relevant, job potential vocational UG courses/programs:
Proposals for the introduction of following **B.Voc. Programs** submitted to UGC.
 - B. Voc. in Applied Chemical Technology (Chemical Science)
 - B. Voc. in Medical Laboratory and Molecular Diagnostic Technology (Life Science)
 - B. Voc. In Applied Computer Technology (Information Technology)

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
To organise National level events	National level seminar = 2 National level symposium = 1 National level workshop = 2
To organise institute level events	Institute level workshop/training = 3 Institute level FDP = 2
DBT Star college activities	Student projects = 50+ Industrial visits = 18 Invited Guest lecturers = 24 Exhibitions = 08 New practical introduced = 30+
To comply the recommendations received from NAAC peer team member during their visit.	The recommendations regarding autonomy, enrichment of research culture and job potential vocational courses have been complied.
Coaching for Competitive Examinations / Entrance Test (beyond college hours and without fees)	Total program conducted = 03 Coaching for NET/SLET/GATE/KVPY
GSBM – Nodal center activity	University level capacity building program conducted for UG students.
Compilation of institutional innovative & best Practices	A book on institutional innovative & best practices prepared.
Curriculum revision in PG innovative programs	PG semester - 3 & 4 syllabus revised and approved in BoS of Saurashtra University for M.Sc. Pharmaceutical Organic Chemistry.

Plan of Action	Achievements
Consultancy generation- GPCB Environmental audit and Soil Health Card program of Gujarat state government.	Revenue generation through consultancy –Earn while Learn Scheme: Soil Health Card program = Rs. 3,00,000/- GPCB Environment Audit = Rs. 4,99,150/-
Introduction of new UG programs	Proposals for the introduction of following B. Voc. Programs submitted to UGC. <ul style="list-style-type: none"> ○ B.Voc. in Applied Chemical Technology (Chemical Science) ○ B.Voc. in Medical Laboratory and Molecular Diagnostic Technology (Life Science) ○ B.Voc. in Applied Computer Technology (Information Technology)

The Academic Calendar of affiliating Saurashtra University, Rajkot please refer **Annexure 1**

2.16 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body ☐

Provide the details of the action taken

The college have started addressing recommendations made by NAAC peer team for quality enhancement in phased manner.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	04	--	--	--
PG	05	--	03	--
UG	08	--	04	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	1	--	--	1
Certificate	1	--	--	1
Others	--	--	--	--
Total	19	--	09	02
Interdisciplinary	--	--	--	--
Innovative	03	--	03	--

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	19
Trimester	--
Annual	--

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☒ Parents ☒ Employers ☒ Students ☒

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

Please refer Annexure 2

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

- As per the guideline of UGC for PG innovative program and curriculum structure of affiliating Saurashtra University, the curriculum revision made for the PG innovative M.Sc. Pharma. Organic Chemistry program.
- Amalgamation of pure and applied pharmaceutical technology/engineering.
- Skill based practical and compulsory dissertation.

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

NA

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
110	87	23	--	--

2.2 No. of permanent faculty with Ph.D.

29

pursuing Ph.D.

33

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
08	00	00	00	00	00	00	00	08	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

07

--

--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	6	30	3
Presented papers	1	9	4
Resource Persons	-	1	13

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

- Going beyond Curriculum
- Virtual Laboratory and Computer Simulation Studies
- Concept Mapping and mind chart
- Usage of ICT & Web 2.0 Tools
- Students as peers – peer teaching
- Hands on experiential trainings workshops
- Preadmission and Admission Counseling
- Doubt solving session – remedial coaching
- Bridge courses at both UG & PG level.
- Tutorials and learning commons.

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

As per affiliating Saurashtra University, **238** days including Internal & Semester End Examination & Assessment

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

Examination/ Evaluation Reforms are as per affiliating Saurashtra University regulations & Weightage for continuous internal : semester end examination is 30:70.

The college have introduced following reforms in internal evaluation only:

UG / PG	Examination / evaluation reform
UG	Open Book test
	Concept Mapping
	Display board activities
	Question bank preparation by students
	Minor project / Report preparation
	Model making
PG	Peer teaching
	Minor project / Review Report preparation
	Skill based assignment

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

25	06	06
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2.10 Average percentage of attendance of students

92%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BSc. Industrial Chemistry	58	6.90	50.00	12.07	0.00	0.00
BSc. Biotechnology	56	32.14	30.36	30.36	0.00	0.00
BCA	257	37.35	30.35	12.45	0.00	0.78
BSc. Computer Science & IT	247	37.65	35.63	8.50	0.00	0.40
BSc. Chemistry	77	15.58	50.65	7.79	0.00	0.00
BSc. Mathematics	91	58.24	30.77	0.00	0.00	0.00
BSc. Microbiology	78	15.38	60.26	16.67	0.00	0.00
BSc. Biochemistry	28	21.43	57.14	10.71	0.00	0.00
MSc. Biotechnology	30	56.67	60.00	3.33	0.00	0.00
MSc. Industrial Chemistry	34	23.53	58.82	5.88	0.00	0.00
MSc. IT & CA	58	98.28	1.72	0.00	0.00	0.00
MSc. Microbiology	18	38.89	44.44	0.00	0.00	0.00
M.Sc. Pharma. Organic Chemistry	32	1 st Batch 2012-2014 in progress				

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

IQAC has implemented realistic and attainable quality benchmarks for each of the academic activities including teaching, learning and evaluation process which is the basis of quality enhancement and sustenance of any institution:

IQAC Planning:

- Strict adherence to the academic calendar of Saurashtra University, Rajkot
- Lesson plans and teaching diary
- Teacher training and development programs
- Organization of Educational Visits, Seminars, Symposium Workshops
- Expert/Guest Talks
- Scientific Competitions/ Science Creativity
- Minor research projects and publication
- Earn while Learn Scheme through consultancy
- Bridge courses and remedial & special coaching
- Field visit, Industrial training and education tours

Monitoring & Evaluation:

- Mentor scheme
- Diagnosis of slow and fast learners
- Result analysis
- Feedback analysis
- Internal academic audit
- Need analysis of resources
- Monitoring through various committees

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	06
UGC – Faculty Improvement Programme	16
HRD programmes	03
Orientation programmes	04
Faculty exchange programme	--
Staff training conducted by the university	09
Staff training conducted by other institutions	09
Summer / Winter schools, Workshops, etc.	110
Others	
a) FDP	67
b) Environmental Auditing	05
c) Consultancy	20
d) Book Publication	03

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	12	00	--	--
Technical Staff	21	00	02	--

Criterion – III

3. Research, Consultancy and Extension

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

- Proactive Research Promotion Committee.
- Information literacy programs, e-resources like science direct, N-LIST.
- Faculty Development Programs & trainings in the use of sophisticated instruments.
- Seminar/ Workshop on “Research methodology” and “Scientific writing”
- Introduction of research projects at UG level and Publication.
- Encouragement to participate in Conference, Seminars, Summer / Winter schools etc.
- Expert talks & brain storming sessions with Scientists
- Organization of State/National level seminars, symposium and conferences
- Simple Resource procurement policy and Industrial consultancy.
- Transparent IPR policy.
- Best Researcher, Reader awards by the managing trust.

3.2 Details regarding Major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	04	01	--
Outlay in Rs. Lakhs	--	60.0	19.99	--

3.3 Details regarding Minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	04	08	--
Outlay in Rs. Lakhs	18.08	4.45	26.08	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	14	5	--
Non-Peer Review Journals	1	--	--
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	3 Years	UGC, DBT, GSBTM, GUJCOST	19.99 Lakh	19.99 Lakh
Minor Projects	2 Years	UGC	26.08 Lakh	15.38 Lakh
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	6 Months – 1 Year	Managing trust of the college	9.0 Lakh	9.0 Lakh
Students research projects (other than compulsory by the University)	6 Months – 1 Year	DBT, UGC	2.0 Lakh	2.0 Lakh
Any other(Specify)	--	--	--	--
Total	--	--	57.08 Lakh	57.08 Lakh

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

Level	International	National	State	University	College
Number	--	03	--	05	09
Sponsoring agencies	--	Managing trust, DBT/UGC	--	DBT	Managing trust, DBT/UGC

3.11 No. of conferences organized by the Institution

* Seminar, Symposium, Workshop etc.

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 (SKS)

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	--
International	Applied	02
	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
14	--	03	--	--	--	11

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	130
National level	24	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	08
National level	01	International level	--

3.25 No. of Extension activities organized

University forum	--	College forum	09		
NCC	05	NSS	02	Any other	--

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

- Science popularisation activity for schools located in rural and urban areas.
- School teacher training programs.
- Tree plantation and Blood donation camp.
- Health and hygiene awareness program at adopted village Vagudad, Dist: Rajkot.
- Lecture, talk and street plays on environmental issues.
- Fund raising drive for AFFDF-Highest contributing trust.
- Each one Teach one program in local slum areas.
- Free clinical testing camp.
- NSS units have contributed in voter awareness program.

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	23.5 acre	0	--	23.5 acre
Class rooms	28	0	--	28
Laboratories	55	1	Managing trust	56
Seminar Halls	2	3	--	5
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	60 (Previous year)	27	Managing trust	87
Value of the equipment purchased during the year (Rs. in Lakhs)	60.79	74.17	Managing trust	134.96
Others Special laboratories & other facilities	Central Instrumentation Laboratories-2 Genetic Engg. Lab-1 Plant Tissue Culture Lab-1 Bioinformatics Lab-1 Cold Room-1 Aseptic Room-5 Departmental Libarary-3 Central Library Reading Room Common Room-2 Primary health Centre Student Store-1 Canteen-2 Mess Gymnasium Hostel etc.	--	--	19

4.2 Computerization of administration and library

Administration:

1. Digitalised Admission Process
2. Student Management (SMS)
 - Online attendance
 - Time – Table
 - Leave submission
3. Digitalization of Feedback Collection and Analysis (Online)
4. Atmiya Academic Monitoring System (AAMS)
 - Class, Subject, Division & Batch Management
 - Subject Selection Procedure
 - Lecture & Actual Engagement Plan
 - Counselor / Coordinator
 - Department resource management

- Faculty – Course Management
- Duty Allocation
- 5. Digital financial account management
- 6. Staff leave management system
- 7. Online indent service
 - Maintenance
 - Transport
 - Stationery & teaching aids
 - Auditorium booking

Library:

1. Fully automated housing New Gen Lib OPAC | Open Access | DDC
2. Institutional Repository using D Space | Digital
3. N-LIST of UGC : 6000+ e-journals; 97,000+ e-books
4. E library-20 systems | Internet | 1000+ CDs and digital material
5. Shared e resources - Science Direct, ASME /ASTM, JGate, EBSCO, Prowess

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	19778	5260190	161	180880.4	19939	5441070.4
Reference Books	2520	3639260	138	404333.13	2658	4043593.13
e-Books	107807+	(Under N-List 5000)		Free	97000	5000
Journals	92	241920	84	115971	77	176754
e-Journals	5517+	(Under N-List 5000)		Free	6000	5000
Digital Database	Institutional Repository using DSpace - Digital Library of Student Project reports, Dissertations and Faculty Publications					
CD & Video	2476		134		2610	
Others (General Books)	2325	238050	877	10353.5	3202	248403.5
Special Collection (Gandian Study)	304	40560	No		304	40560

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	426	12	20 mbps	12	12	6	47	--
Added	19	1	10 mbps	1	1	4	14	--
Total	445	13	30 mbps	13	13	10	61	--

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

1. Network Switches : Existing : 14 Added : 1 Total : 15
2. Faculty Development Program:
 - a. Smart Tips on Smart board
 - b. Use of Smart Board
 - c. Online Maintenance of Teaching diary and Attendance
 - d. Digital Information Literacy Program
 - e. Training in the use of academic monitoring system for fresh recruiter
3. Student Development Program
 - a. Usage of email & internet
 - b. Use of NLIST & Science Direct

4.6 Amount spent on maintenance in lakhs :

i) ICT	3.97
ii) Campus Infrastructure and facilities	22.63
iii) Equipments	20.96
iv) Others	1080.59
Total :	1128.16

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Mentor scheme
- Training & Placement cell
- Departmental forums and committees
- Library and learning centre Bulletin boards and departmental notice board.
- College website updates.
- Alumni association activities.

5.2 Efforts made by the institution for tracking the progression

- Alumni association meet
- Parent teachers association
- Blogs and Social media
- Industry – Institute collaboration

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
2484	323	49	0

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

No	%
1471	52.40

Men

Women

No	%
1318	47.60

Last Year (2012-13)						This Year (2013-14)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2512	33	13	336	0	2894	2277	56	24	450	0	2807

Demand ratio UG 1:5 & PG 1:2 Dropout % < 0.1%

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

UG students:

- Coaching program for KVPY
- SCOPE – English proficiency certificate program-Cambridge University
- PG entrance test
- GSBTM capacity building program

PG student

- UGC NET/SLET/GATE

UG & PG

- Government competitive exams

No. of students beneficiaries

600

5.5 No. of students qualified in these examinations

NET	1	SET/SLET	--	GATE	1	CAT	--
IAS/IPS etc	--	State PSC	--	UPSC	--	Others	36

5.6 Details of student counselling and career guidance

The following counselling activities are carried out for the students:

1. **Preadmission counselling:** The admission committee along with departmental faculties chalks out a plan for counselling every year. The prospectus, flyers, banners, posters covering information related to program, structure of program, courses, special features, fees, scholarships & freeships, resources, future career, various schemes of the college/government etc. are prepared and placed on the campus.
2. **Academic counselling:** Academic counselling starts with the induction program for the new entrants and lasts till exit of the student. The equal weightage is dedicated to communication skill in English and domain specific core specialisation during induction program. And throughout the year through mentor scheme counselling is done. The parent meeting is also conducted.
3. **Personal counselling:** Need based and general counselling is catered through mentor scheme. The personality development trainings and workshops are also conducted. Students are free to attend weekly spiritual assembly where expert talks are delivered. The authorities are freely accessible for students including the president of the trust, who is a saint. The grievance redressal cell/anti ragging committee/women empowerment cell are also actively supporting the students. The Yog & Meditation, Health check up camps are also conducted.

Career counselling: The training and placement cell & Career Guidance Cell jointly conducts various student development programs related to preparation of CV, mock interview, soft skill, aptitude etc. The academic departments including NCC, NSS & Sports department organises special coaching / crash workshop for various competitive exams and entrance test for UG & PG students. The libraries on campus have subject wise collection of books & e-resources for the same.

No. of students benefitted: All UG & PG Students of the college

900+

5.7 Details of campus placement

On Campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
08	293	134	44

5.8 Details of gender sensitization programmes

- Empowerment of Girls (Smart Girls) programmes is organized for all the girls of the college.
- Atmiya Women's Association Knowledge Empowerment (AWAKE) organises various activities like guest talks, competitions, celebration of international women's day etc. for female faculties and girls students of the campus.
- Expert talks on various issues/challenges by lawyers, doctors, social activist etc.
- Single girl child schemes awareness programs.
- Audio-visual shows/films for creating awareness regarding women empowerment.
- Discussion/Debates on Women rights.
- Workshop on self-defence techniques.
- Theme based street plays, skit, mime etc.

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

Financial support	Number of students	Amount in Rs.
From Institution	15	1,35,349
From Government	27	4,13,353
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: **NA.**

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To be a premier Institution of Science, Technology and Human values, aiming at the holistic sustainable development of youth, society and mother earth, leading to excellence

Mission:

- To create, acquire and disseminate knowledge, fostering skills and global competence among the students, through the intellectual facilitators, teachers and mentors, the “Gurus”.
- To provide holistic science education through well structured relevant programmes, learner centric approaches, pedagogic innovations, along with the adoption of modern technologies and strategies.
- To provide dedicated qualified and competent faculty, state-of-art infrastructure and other support facilities to facilitate better learning and research activities.
- To motivate teachers and students to develop research culture and undertake scientific investigation to realize their scientific creativity, contributing to sustainable development as a means of better life and living.
- To inculcate lived values, culture, morality and spirituality in the heart of youths to foster universal brotherhood, patriotism, righteous living and selfless service through the practice of “ATMIYATA” and “Gurukul”.
- To protect and promote Indian culture, heritage, and respect Indian Constitution and global charter of human rights and environmental protection.
- To make youth self reliant and productive through proper employment or entrepreneurship, ultimately in the service of society and humanity.
- To establish linkages and collaborations for the betterment of the educational process and objectives.
- To promote strategies and activities towards the overall personality development of youth, through defined student support and welfare systems.
- To facilitate cultural, sports and community development activities involving all stakeholders, as a means of institutional social responsibility.
- To aim at innovations and adopt best practices to move towards excellence.

6.2 Does the Institution has a management Information System

Yes

- Student Management (SMS)
- Atmiya Academic Monitoring System (AAMS)

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

6.3.1 Curriculum Development

- Curriculum development is carried out as per affiliating Saurashtra University rules & regulations.
- The college contributes through its 25 BoS members and 6 science faculty members of the University.
- The curriculum of PG innovative programs is designed and developed by the college in collaboration with regional industry and subject experts as per UGC guideline adopting Universities structure and system and approved by the BoS of the University. The revision of the curriculum is done by BoS Saurashtra University.
- Similarly, the curriculum of COP's-Certificate & Diploma is developed by the college as per UGC's guideline.

6.3.2 Teaching and Learning

- Every year the college conducts program wise Orientation program and Bridge courses for the new entrants at UG & PG level.
- A teaching planner/diary is prepared in the beginning of every academic semester/year.
- Departmental pedagogy and development of virtual lab, simulation, mind chart, concept mapping, and assignments-advanced/skill based etc.
- Innovative learning methods like peer teaching, model making, sci-simulation, demonstrative sessions and learning commons etc are adopted.
- Remedial coaching, Hands on experiential training workshops etc. are conducted.
- The teaching & learning process is closely monitored by feedbacks, monthly departmental staff meeting and meeting of HoD's with the Principal.

6.3.3 Examination and Evaluation

- The college follows the examination calendar of affiliating Saurashtra University.
- The examination form filling, internal marks entry and degree registration is digitalised.
- The college has introduced innovative evaluation methods for internal components like open book test, concept mapping, display board activities, question bank preparation, minor project/report preparation, model making etc.
- The college maintains 100% transparency for internal evaluation, the evaluated assignments and answer scripts with comments are shown to the students and revaluation is also done, if needed.
- The college is conducting online entrance test for PG admission followed by personal interview.
- The examination committee executes the university semester end & supplementary examinations.

6.3.4 Research and Development

- The college has proactive Research Promotion Committee to strengthen research and development environment.
- The committee recommends active participation of faculty member in various level seminar/conference, summer/winter school etc.
- UG/ PG students are given industry defined or institute defined research / dissertation projects of innovative and interdisciplinary nature. UG & PG students are publishing their research work in journals or presents in the seminar / conference.
- Research facilities has been upgraded due to the generous support received from UGC, DBT, GSBTM, Govt. of Gujarat and managing trust of the college.
- The Students & faculties are trained for the use of existing / newly procured sophisticated instruments in phased manner.
- The college organises various information literacy programs like Research methodology and scientific writing, N-LIST.
- The college motivates students and teacher by awarding Best researcher and reader awards
- The library and learning centre of the college has the following collection to cater needs of R&D:
 - NLIST of UGC : 6000+ e-journals; 97,000+ e-books
 - Shared e resources - Science Direct, ASME /ASTM, Jgate, EBSCO, Prowess

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The Library committee of the college prepares a budget for every year for procuring latest reference/ text books, National/International Serials, magazines, journals etc.
- The Central Maintenance Cell on campus has two wings: 1. Physical Infrastructure 2. ICT& Instrument both the wings are actively looks after maintenance & purchase. The managing trust has appointed dedicated skilled manpower for the same and has made several AMCs.

6.3.6 Human Resource Management

- Qualified & competent teaching and non-teaching (technical, maintenance & support) staff members are recruited based on the requirement of the program and student teacher ratio.
- The staff members (management appointee) are given incentives and increments based on their performance appraisal.
- Staff welfare schemes like special leaves, loans & advances, sabbatical leaves, cooperative society etc. are made available.
- The HR department of the college facilitates smooth execution of policy of the managing trust and Government.

6.3.7 Faculty and Staff recruitment

- The staff members are recruited by the HR department based on the requirement of the program, student teacher ratio & as per the policy of the trust.
- The college follows affiliating University procedure for recruitment and gets approval from the parent University.
- In addition to the University procedure, the college has introduced selection through demo lecture, presentation / demonstration and also the feedback received from the student and faculty.

6.3.8 Industry Interaction / Collaboration

- The college has Training & Placement Cell and Career Counselling Cell where every departmental coordinator are members.
- The college has several MoU's, collaborations & linkages with regional industries, Universities, research organisations, GO's & NGO's.
- Objectives of the MoU's /collaborations / linkages are achieved by the co-ordinating academic department.
- The industry partners are involved in curriculum design & development of innovative & vocational programs.
- The linkages with the industry are further strengthened by mutual cooperation, consultancy and Environmental Audit Cell of the college.

6.3.9 Admission of Students

- The admission committee along with software & account section of the college monitors entire admission process.
- The admission committee along with departmental faculties chalks out a plan for counselling every year. The prospectus, flyers, banners, posters covering information related to program, structure of program, courses, special features, fees, scholarships & freeships, resources, future career, various schemes of the college/government etc. are prepared and placed on the campus.
- Admission of the students is done by merit/ entrance following the reservation policy of the Government.
- For post graduate students, admission is done through pre-test, cumulative marks in U.G. following a personal interview.

6.4 Welfare schemes for

a) Teacher

- Loans & Advances
- Leaves- Marriage, Maternity, Advance, Sabbatical
- Educational loans
- Bachelors quarters
- Admission priority/ reservation
- Free health check up
- Sponsorships
- Consultancy share
- Credit Cooperative Society membership
- Discounted Uniforms
- Medical Service assistance/ Emergency care
- Subsidised Mess/ Gym facility

b) Non-teaching

- Loans & Advances
- Leaves- Marriage, Maternity, Advance, Sabbatical
- Educational loans
- Admission priority/ reservation
- Free health check up
- Consultancy share
- Credit Cooperative Society
- Discounted Uniforms

- Medical Service assistance/ Emergency care
- Subsidised Mess/ Gym facility
- Education progression.

c) Students

- Freeships & Scholarship
- Free Thalassemia testing
- Educational loans
- Free health check up
- Health awareness program.
- Discounted Uniforms
- Medical Service assistance/ Emergency care
- Subsidised Gym facility
- Sponsorship & free sports uniform
- Cambridge University Certificate Program -SCOPE
- Earn while Learn

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	Knowledge Consortium of Gujarat, Ahmedabad	Yes	Managing trust & IQAC
Administrative	Yes		Yes	

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?

The college has been conferred Academic Autonomy by UGC but the approval/NOC from Gujarat Government & affiliating Saurashtra University is awaited. Hence, it is not applicable. As an affiliating college; examination reforms have been introduced additionally only in the internal component.

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

6.11 Activities and support from the Alumni Association

The alumni meet is organised annually at department & college level. The following activities and support are received from alumni.

- Feedback/suggestions on curriculum.
- Expert talks.
- Procurement of instruments/equipments.
- Admission & scholarships.
- Industrial visits / tour.
- Training & placement.
- Sponsorship.

6.12 Activities and support from the Parent – Teacher Association

The college organises parent meeting in the beginning of semester. Department wise need based meeting is conducted. The following activities & support are received from parents:

- Feedback on overall academic process.
- Procurement of resources.
- Scholarships & Freeships.
- Industrial visits / tour.
- Training & placement.
- Sponsorship.
- Participation in college functions, workshops, seminars etc.
- Extension activities.

6.13 Development programmes for support staff

The college regularly conducts training programs for support staff on various aspects such as digital processes, good laboratory practices, safety & hygiene, record maintenance & human values. The technical / admin staffs are encouraged to study further on part time/distance education mode. They are also attending the trainings conducted by the University & the Government.

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

Energy saving initiatives:

- Annual energy audit for electricity.
- Use of energy efficient instrument & equipments like UPS, power back-up & generators.
- Replacement of routine electric utilities like bulbs, tube lights etc. by CFLs & LEDs.
- Majority A/C computer labs are situated in lower base floors.
- Less power consuming Desktop systems.
- Roof Top Solar power generation.

Environmental protection initiatives:

- Paper recycling. (Better waste management by introducing separate waste bins (Green & Red) all over the campus. Green for recyclable paper waste and the other for non-recyclable waste)
- Rain Water harvesting.
- Plastic free campus.

- Neem tree plantation on campus.
- Fume hoods with wet scrubber (Air pollution control measure) for chemistry laboratories.
- Noise and Air pollution free power generators.

Towards paperless administration:

- Institutional mail ids for all the faculty members.
- All notices and communications are made through mail for faster delivery and better record keeping.
- Online test are also conducted in many subjects.
- Circulation of study materials in e-form through blogs and forums online.
- Online indent, maintenance call reports and other administrative work.
- The students are also sensitized and asked to work on projects which can be provided greener solutions to existing problems of Environment. The environment awareness messages is published the many walls of the college.

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.

1) External Academic and Administrative Audit (A-A-A)

The college is putting efforts on continuous quality enhancement in the form of academic & administrative audit, which leads to a positive growth and development as per goals & plans. The college conducts AAA at two levels:

- AAA by Knowledge Consortium of Gujarat, Commissionerate of Higher Education, Govt. of Gujarat in May-June, 2013.
- AAA by IQAC.

Apart from these, the reports of UGC Committee, DBT Star College Review Committee and Saurashtra University Local Inspection Committee also help in the process of quality sustenance and enhancement.

The audit conducted has the following impact on the functioning of the institution:

- Improvement in the standards.
- New quality initiatives
- New bench marks & goal
- Updating of the perspective plan.

2) Students as Peers

The college encourages specially PG students to do peer teaching to make UG students aware of the work they will have to perform in coming years. This also allows the continuation of the UG work under dual supervision - senior students and faculty. A junior student can freely interact with the seniors due to the degree of acquaintance freedom available. The process may involve a topic of theory or a practical or a demonstration or the dissertation work.

The peer teaching has the following impact on the functioning of the institution:

- PG students become more responsible.
- UG students complete their work in time and have clarity of fundamentals. The seniors work hard to prove their worth. Thus it has mutual benefits.
- Peer teaching gives opportunity of student –student interaction at different levels.

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

The ATR based on the plan of action in the beginning of the year is given as below:

Plan of Action	Action taken
To organise National level events	National events organised on the following theme <ul style="list-style-type: none"> ○ Emerging Trends in Biological Sciences ○ Current Trends in Drug discovery ○ Atmiya Scitech Utsav ○ Maintenance of Opto- analytical Instruments ○ Universal Human Values
To organise Institute level events	Institutional level events organised <ul style="list-style-type: none"> ○ Opportunities and challenges in academic autonomy ○ NLIST & Science Direct Training ○ Research Funding – Writing Successful Proposals ○ Emotional Intelligence ○ Public speaking & Fluency in English
To conduct Star college activities	Conducted various DBT Star interdisciplinary & innovative activities: <ul style="list-style-type: none"> ○ Student projects = 50 ○ Industrial visits = 18 ○ Invited Guest lecturers = 24 ○ Exhibitions = 08 ○ New practical introduced = 30
To arrange Coaching for Competitive Examinations / Entrance Test	Coaching classed for the Competitive Examinations / Entrance Test have been conducted (beyond college hours and without fees)
To conduct GSBTM – Nodal Center activity	Crash course for UG students of the college and other regional science college have been conducted. Total number of student benefited = 160
Compilation of institutional innovative & best Practices	A book on institutional innovative & best practices prepared in prescribed format of NAAC.
Curriculum revision in PG innovative programs	Curriculum revised for PG semester -3 & 4 M.Sc. Pharmaceutical Organic Chemistry. The syllabus has been approved by BoS of Saurashtra University.
Consultancy generation- GPCB Environmental audit and Soil Health Card program of Gujarat state government.	Revenue generation through consultancy –Earn while Learn Scheme: Soil Health Card program = Rs. 3,00,000/- GPCB Environment Audit = Rs. 4,99,150/-
Introduction of new UG programs	Proposals for the introduction of following B. Voc. Programs submitted to UGC. <ul style="list-style-type: none"> ○ B. Voc. in Applied Chemical Technology (Chemical Science) ○ B. Voc. in Medical Laboratory and Molecular Diagnostic Technology (Life Science) ○ B. Voc. In Applied Computer Technology (Comp. Science)

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

1) Title: Research Commons

Objectives:

To create conducive & sustainable Research environment through creating and sharing resources and services.

Context:

The practice is in place in order to avoid duplication of resources and also creating a common pool and networking of existing resources and expertise to frame policies, provide all types of assistance at every step of research and central platform to showcase and promote research on campus.

Practice:

The research commons is a practice that provides assistance and support for all steps of the research process: searching, writing, publishing, funding. The research commons is a place to collaborate and connect with fellow students and faculty on research projects. It is a place for workshop and presentation opportunities and a place to discover what your peers and colleagues are researching. This practice is through many ways to name a few:

- Research Proposal preparation and presentation
- Review article writing
- Awarding Students for best research proposals
- Research sharing through presentations and discussions
- Peer support through each one teach one
- Research Presentation / Data presentation to students and faculty before appearing for final viva
- Library Information Literacy programmes on Literature survey and review writing; searching online authentic research resources/ documents
- Awarding faculty and students from Library for good research publications in Journals and there are many such small and big initiatives taken to promote and nurture the curiosity and culture of research and discovery among young minds.

Evidence of Success:

The practice of making students write the research proposal and review article in particular has helped them in getting selected for PG and Ph.D. courses in Tier I & II Universities in the country as well as globally.

Problems encountered and resources required:

The Process time taken by funding agencies and governing bodies for reviewing the research proposals submitted by PG students is more and does not benefit their endeavour during their tenure in the institute as students. Research needs access to a host of resources specially access to current R & D articles, patents, grey literature, legal data and similar communications which the institute needs to subscribe to but involves a lot of funds or getting access through consortiums or networks which are not available largely for colleges unlike Universities.

2) Title : Earn While Learn Scheme

Objectives:

To provide financial support to the needy students of UG/PG programs
To create avenues of financial assistance for their higher educational progression

Context:

The important factor which contributes the student's constraint from the college or higher studies is their complete dependence on their parents for financial assistance. To support them, given an opportunity of training/working in various consultancy projects of the department to earn and enable to continue higher studies for further carrier developments.

Practice:

This practice is based on the participation of the identified UG / PG students in the consultancy project of the departments. The implementation of the policy varies with the nature of the consultancy project or collaborative agencies which are given as follows.

Department of Chemistry:

The department has embarked on the idea of having various consultancy projects where UG / PG students can contribute & hands on the research experiments. After successful tie up with the consultancy / collaborative agency, the department has identified a group of UG / PG students. The selected students were employed to complete the experimental and paper works required for consultancy / collaborative projects. After completion of the objective of the projects, the participated students were paid according to the number of samples being analyzed. By following the above mention procedure, the chemistry department has successfully completed seven Soil Analysis Projects from the **Government of Gujarat**.

Department of Biotechnology

The department has organized art exhibition cum sale day, which was provided students a platform to display their art & also earn along. Food stalls in the exhibition has also generated income to students. **'Best out of waste'** is the concept used by the students to make handicraft articles for display.

Department of Microbiology

1. Students are assisted in getting tuitions or assessment duties in schools.
2. Handicraft / Best out of waste preparation & selling.

Library Department

In the Library, this practice is followed in two areas to feed in day to day reports and records & library usage and secondly for documentation of newspaper, magazines and print journal articles. Students are asked to read and document different articles under the categories identified as crucial for future use. They are paid remuneration on hourly and record basis.

Resource Utilized and generated:

Grants received for projects and management funds where ever required. Many students get good experience and exposure and also are monetarily benefited.

Evidence of Success:

The UG / PG students of the college have been immensely benefited from earn while learn scheme. About 80+ B.Sc. students of the department have been employed in the Earn while Learn practice so far. All of them have perused their Master's program. This empowers them to not only for further studies but having experience in project work, helped compete with their contenders.

Problems Encountered and Resources Required:

The UG/PG students, who are living in private hostels, find difficulty to stay, due to private hostels rules & regulations, late in the evening for completion of targeted duty.

7.4 Contribution to environmental awareness / protection

In addition to initiatives taken for making the campus eco-friendly (*pl refer 6.14*); the college have included **Environmental Studies as compulsory course**. Tree plantation event is organized every year and eco trips/ camps and visit to ETP /STP have been organised

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

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

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8. Plans of institution for next year

- To introduce skill based Vocational UG Programs.
- To organise National level seminar/conferences/workshops for creating awareness regarding Universal Human Values, Recent development in Sciences.
- To give more numbers of UG students project of Interdisciplinary nature.
- Recruitment of staff required for the implementation of new programme.
- To organise FDP's/ Training program for improving faculty research aptitude and teaching creativity.
- To encourage faculties for major and minor sponsored research projects.
- To procure new infrastructures to meet demands of new programs.
- To upgrade facilities for Central Chemical Instrumentation, Separation Technology.
- To enrich library & Learning resources.
- To increase number of linkage/ collaboration/MoU's with industries/ academic institute/ organisations (GOs/NGOs).
- To get NOC for autonomy from parent Saurashtra University and the Government of Gujarat.
- To take up efforts to make campus more cleaner & greener.
- To make efforts for development of consciousness for English language proficiency.

Name: **Dr. K.D. Ladva**

Name: **Dr. A. U. Patel**

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Shree Manibhai Virani and Smt. Navalben Virani Science College, Rajkot
Track ID : GJCOGN13267

AQAR 2013-14
ACADEMIC CALENDAR of affiliating Saurashtra University, Rajkot (Gujarat)
AY 2013-14

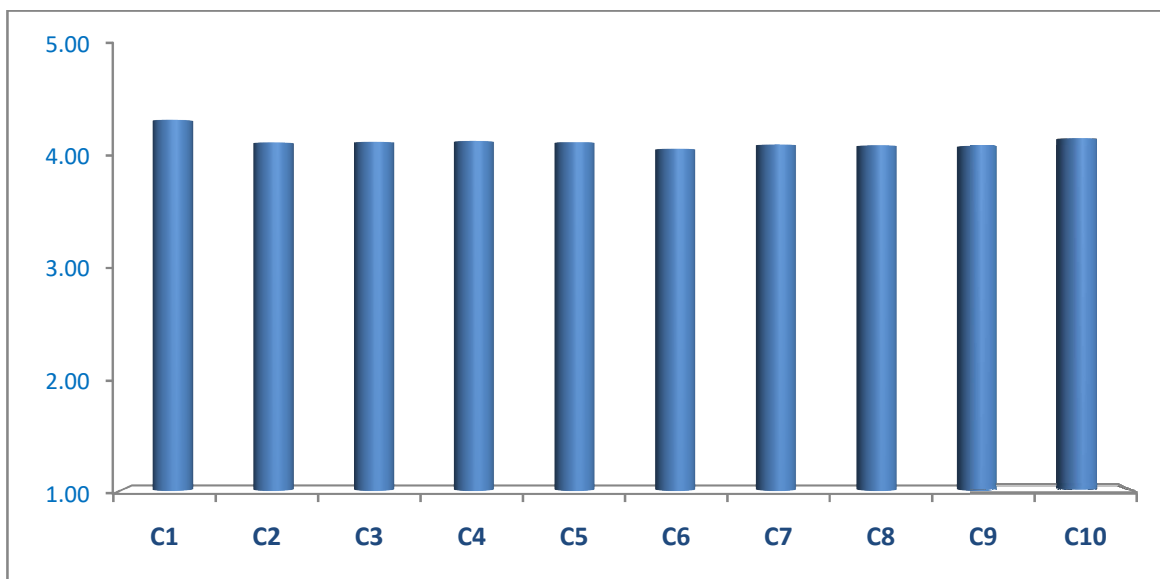
સૌ રાષ્ટ્ર યુનિવર્સિટી Re-Accredited Grade B by NAAC (CGPA 2.93)	
પરિપત્ર :: <p>આથી સૌરાષ્ટ્ર યુનિવર્સિટી સંલગ્ન સર્વે સંબંધિત કોલેજોના આચાર્યશ્રીઓ, યુનિવર્સિટી અનુસ્નાતક ભવનોના વડાઓ, યુનિવર્સિટી અનુસ્નાતક કેન્દ્રોના પ્રો.ઈન્ચાર્જશ્રીઓ તેમજ માન્ય સંસ્થાઓના વડાઓને સચિનય જણાવવાનું કે, અધ્યાપ્ત-૯૫ મુજબ માન.કુલપતિશ્રી ધ્વારા શૈક્ષણિક વર્ષ ૨૦૧૩-૨૦૧૪ ની શૈક્ષણિક સત્ર વ્યવસ્થા એકેડેમિક કાઉન્સિલ અને સિન્ડિકેટની બહાલીની અપેક્ષાએ નીચેની વિગતે મંજૂર કરવામાં આવેલ છે. તદ્દનુસાર સંબંધિત સર્વેના ધ્યાન પર લાવવા તથા તે મુજબ શૈક્ષણિક સત્ર વ્યવસ્થાનો અમલ કરવા વિનંતી છે.</p> <p align="center">શૈક્ષણિક સત્ર વ્યવસ્થા - ૨૦૧૩-૨૦૧૪</p> <p>પ્રથમ શૈક્ષણિક સત્ર :- (પ્રથમ સત્ર/ સેમેસ્ટર તા.૨૧-૦૬-૨૦૧૩ શુક્રવાર થી તા.૨૬-૧૦-૨૦૧૩ શનિવાર સુધી)</p> <ol style="list-style-type: none"> તા.૨૧-૦૬-૨૦૧૩ શુક્રવાર થી તા.૨૬-૧૦-૨૦૧૩ શનિવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) -સંલગ્ન કોલેજો માટે તા.૨૧-૦૬-૨૦૧૩ શુક્રવાર થી તા.૨૬-૧૦-૨૦૧૩ શનિવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) -યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત) તા.૨૮-૧૦-૨૦૧૩ સોમવાર થી તા.૨૩-૧૧-૨૦૧૩ શનિવાર Term End Break (ટિવાળી વેકેશન) -સંલગ્ન કોલેજો માટે તા.૨૮-૧૦-૨૦૧૩ સોમવાર થી તા.૨૩-૧૧-૨૦૧૩ શનિવાર Term End Break (ટિવાળી વેકેશન) -યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત) <p>દ્વિતીય શૈક્ષણિક સત્ર :- (દ્વિતીય સત્ર/ સેમેસ્ટર તા.૨૫-૧૧-૨૦૧૩ થી તા.૧૪-૦૬-૨૦૧૪ સુધી)</p> <ol style="list-style-type: none"> તા.૨૫-૧૧-૨૦૧૩ સોમવાર થી તા.૩૦-૦૪-૨૦૧૪ બુધવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) -સંલગ્ન કોલેજો માટે તા.૨૫-૧૧-૨૦૧૩ સોમવાર થી તા.૧૪-૦૫-૨૦૧૪ બુધવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) -યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત) તા.૦૧-૦૫-૨૦૧૪ શુક્રવાર થી તા.૧૪-૦૬-૨૦૧૪ શનિવાર Term End Break (ઉનાળું વેકેશન) -સંલગ્ન કોલેજો માટે તા.૧૫-૦૫-૨૦૧૪ શુક્રવાર થી તા.૧૪-૦૬-૨૦૧૪ શનિવાર Term End Break (ઉનાળું વેકેશન) -યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત) <p align="center">શૈક્ષણિક વર્ષ - ૨૦૧૪-૨૦૧૫</p> <p>પ્રથમ શૈક્ષણિક સત્રનો પ્રારંભ થશે :-</p> <ol style="list-style-type: none"> તા.૧૬-૦૬-૨૦૧૪ સોમવાર થી પ્રથમ શૈક્ષણિક સત્ર શરૂ થશે. <p>નોંધ : (૧) યુ.જી.સી. તથા રાજ્ય સરકારશ્રીના વખતો વખતના આ બાબત પરત્વેના ઠરાવોને ધ્યાને લઈ વિનયન, વિજ્ઞાન, વાણિજ્ય, હોમસાયન્સ, કાયદા અને જામવિદ્યા, બિઝનેસ મેનેજમેન્ટ, પરફોર્મિંગ આર્ટસ, વિદ્યાશાખા માટે ઉપર મુજબની સત્ર વ્યવસ્થા સૂચવેલ છે. જેનું ચુસ્તપણે પાલન કરવાનું રહેશે. જેની નોંધ લેવા વિનંતી.</p> <p>(૨) જે વિદ્યાશાખાઓમાં કેન્દ્રિય/રાજ્ય સરકારશ્રી પ્રવેશની જોગવાઈ કરે છે તેવા તબીબી, ઉચ્ચ, કીડીયોથેરાપી, ફાર્મસી, હોમિયોપેથી, ઈજનેરી, શિલ્પ, આર્કિટેક્ચર, બિઝનેસ મેનેજમેન્ટ વિદ્યાશાખા તેમજ અન્ય અભ્યાસક્રમો કે જે મધ્યસ્થ પ્રવેશ સમિતિને આધીન છે તેની સત્ર વ્યવસ્થા પ્રવેશ પ્રક્રિયા પૂર્ણ થયા બાદ યુ.જી.સી. તથા રાજ્ય સરકારશ્રીના વખતો વખતના આ બાબત પરત્વેના ઠરાવોને ધ્યાને લઈ જે તે વિદ્યાશાખાના કીનશ્રી સૂચવે તે મુજબ નિયત કરવા સૂચન છે. જેનું ચુસ્તપણે પાલન કરવાનું રહેશે.</p> <p align="right"> ૩-૬-૧૩ (ડૉ.જી.એન.ગજરા) I/c. એકેડેમિક ઓફિસર </p> <p> નં.એકે /ઓ-૯૫ / ૪૨૬ /૨૦૧૩ સૌરાષ્ટ્ર યુનિવર્સિટી કાર્યાલય, યુનિવર્સિટી કેમ્પસ, યુનિવર્સિટી રોડ, રાજકોટ-૫ તા. ૪-૬-૨૦૧૩ પ્રતિ, (૧) યુનિવર્સિટી સંલગ્ન કોલેજોના આચાર્યશ્રીઓ / યુનિવર્સિટી અનુસ્નાતક ભવનોના પ્રાધ્યાપક અને અધ્યાપકશ્રીઓ / માન્ય સંસ્થાઓના વડા તથા અનુસ્નાતક કેન્દ્રોના પ્રોફેસર ઈન્ચાર્જશ્રીઓ </p>	

Shree Manibhai Virani and Smt. Navalben Virani Science College, Rajkot

Track ID: GJCOGN13267

Analysis of Feedback – AQAR 2013-14

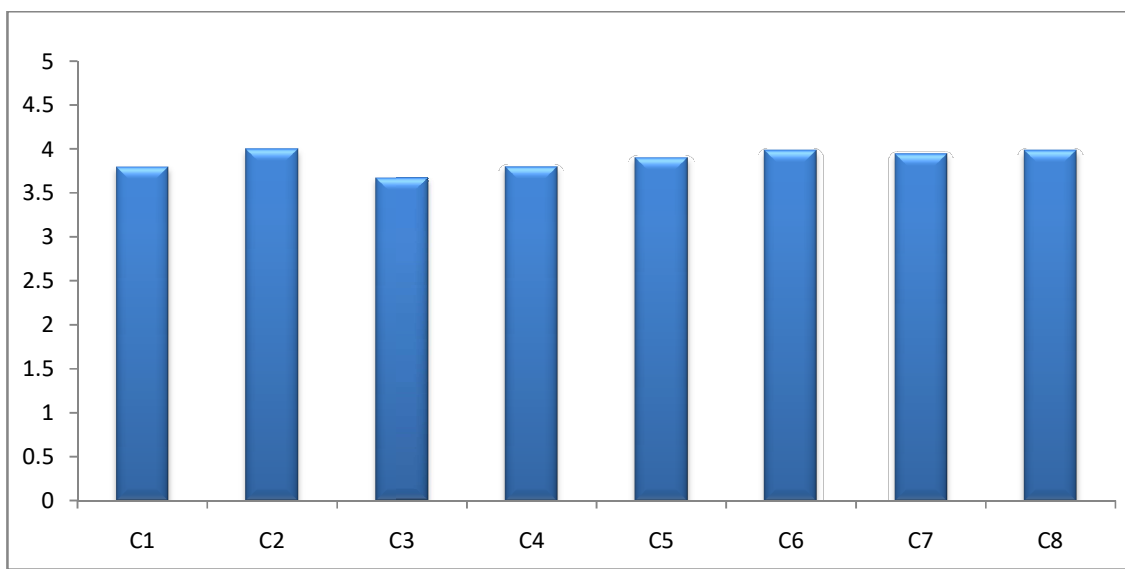
1. Feedback on Teachers



C1	Knowledge base of the teacher
C2	Communication Skills (in terms of articulation & comprehensibility)
C3	Sincerity / Commitment of the teacher
C4	Interest generated by the teacher
C5	Ability to integrate course material with environment/other issues, to provide a broader perspective
C6	Ability to integrate content with other courses
C7	Accessibility of the teacher in and out of the class (includes availability of the teacher to motivate further study and discussion outside class)
C8	Ability to design Quizzes/Tests/Assignment/Examinations and Projects to evaluate students understanding of the course
C9	Provision of sufficient time for feedback
C10	Overall rating

Analysis of Feedback – AQAR 2013-14

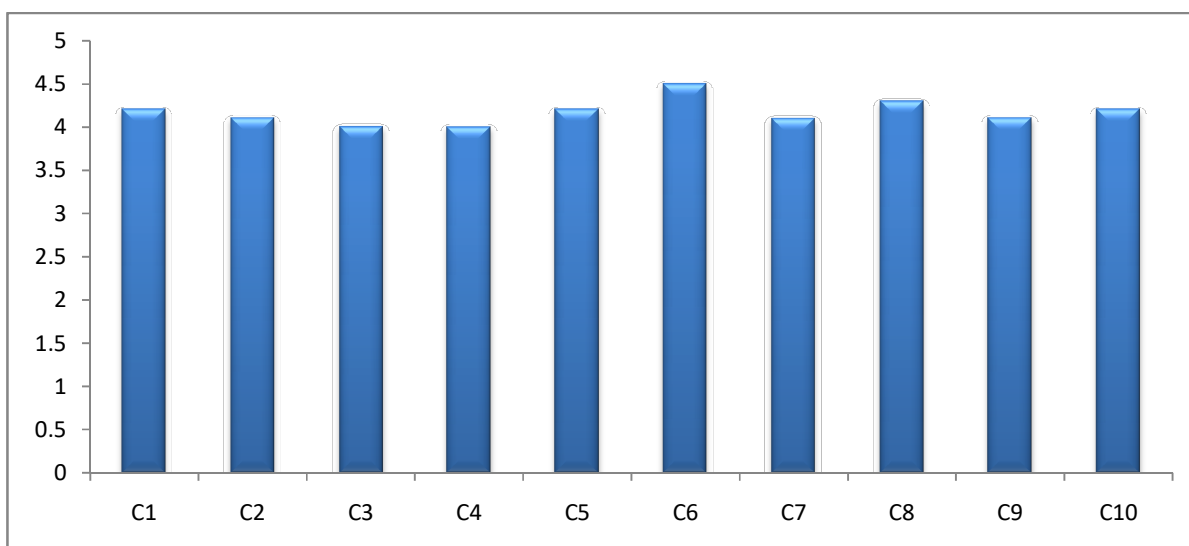
2. Feedback on Course



C1	Depth of the course content including project work if any
C2	Extent of coverage of course
C3	Applicability/relevance to real life situations
C4	Learning value (in terms of knowledge, concepts, manual skills, analytical abilities and broadening perspectives)
C5	Clarity and relevance of textual reading material
C6	Relevance of additional source material (Library)
C7	Extent of effort required by students
C8	Overall rating

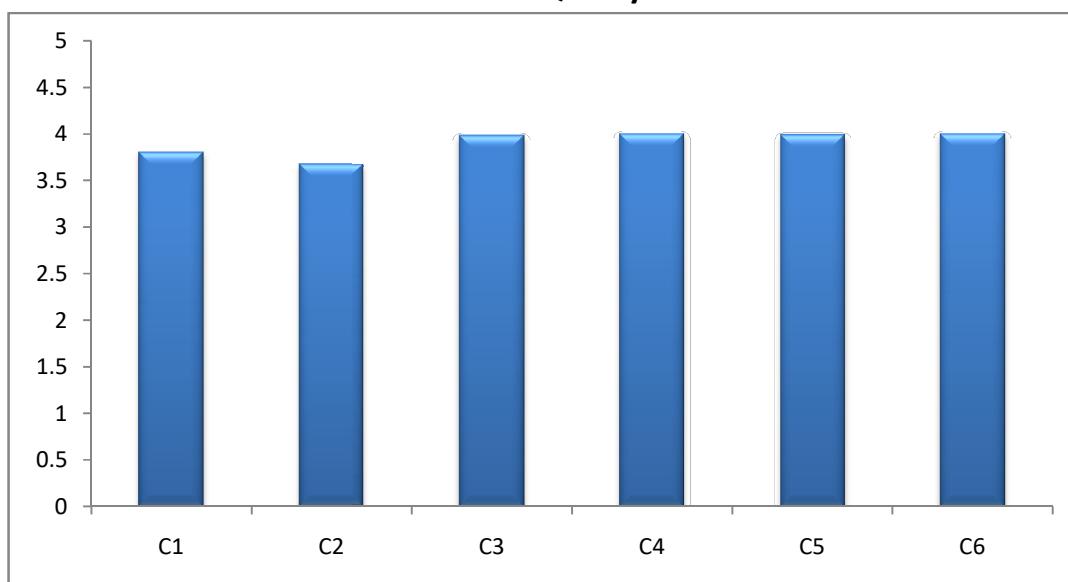
Analysis of Feedback – AQAR 2013-14

3. Parents Feedback



C1	Teaching Quality(શિક્ષણની ગુણવત્તા)
C2	Study & Discipline (અભ્યાસ અને શિસ્ત)
C3	Sports & Other activities (સ્પર્ત ગમત, સાંસ્કૃતિક, સેમીનાર જેવી અન્ય પ્રવૃત્તિ)
C4	Communication of Teachers (શિક્ષક સાથેનો સંપર્ક)
C5	Reporting of Students' attendance & progress (વિદ્યાર્થીની નિયમિતતા અને તેની પ્રગતિ અંગે જાણકારી)
C6	Infrastructure of College (કોલેજની માળખાકીય સુવિધા)
C7	Staff's Working (સ્ટફનો વ્યવહાર)
C8	College's Annual result (કોલેજનું વાર્ષિક પરિણામ)
C9	Follow-up Work & Reading Facility (અનુકાર્ય અને વાંચન સુવિધા)
C10	Other Facilities (કોલેજની અન્ય સુવિધાઓ)

4. Feedback on Students Quality from Interviewers



C1	Communication Skill
C2	Personality
C3	Level of Confidence
C4	Subject Content
C5	General Knowledge
C6	Clarity of Vision for career
C7	Any Other