

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2015-2016

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-2015-16_12.pdf

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 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)

2015-16

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 2013-14 submitted to NAAC on 21/12/2018
 ii. AQAR 2014-15 submitted to NAAC on 24/12/2018
 iii. AQAR _____ NA _____ (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 ☒

*The college has received NOC from affiliating Saurashtra University & Government of Gujarat in Nov. 2015, hence autonomy will be implemented from 2016-2017 & onwards..

(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: 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

* 1University Level

(ii) Themes

International Level Conference:

- Universal Human Values

National Level Seminar/Symposium:

- Advancement in Science & Technology

State level Workshop:

- Basic Molecular Biology Techniques

University Level Workshop

- Syllabus Review & Revision Workshop UG & PG Industrial Chemistry

Institute Level FDP/Workshop:

- Implementation of autonomy
- Bloom's Taxonomy
- Writing good patent application
- Minor Electro analytical Instrument-Calibration & Maintenance
- Demonstrative Training on Agilent FTIR & Expert Talk on Scope and Applications of LCMS
- Introduction to Geogebra
- Patent and Patent search Methodology

Institute Level SDP:

- Chem Bio Draw Ultra
- Soil Analysis
- Protective & Decorative Electroplating Techniques

2.14 Significant Activities and contributions made by IQAC

- CPE & DBT Star College learner centric activities.
- Design, Development & Implementation of new programs.
- Functional linkages, collaboration, MoU's with other reputed industries/institutes.
- 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.

- Consultancy generation- GPCB Environmental Audit and Soil Health Card program of Gujarat State Government.
- Job placement through on & off campus interviews.
- Gujarat State Biotechnology Mission Sponsored capacity building program.
- Organisation of various co & extracurricular activities within and beyond the academic calendar of affiliating Saurashtra University.
- Coaching for Competitive Examinations / Entrance Test.
 - Coaching for UGC NET/SLET/GATE.
 - KVPY (Central Exam) coaching classes.
- AISHE DCF submission.
- NIRF DCS submission.

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 seminar/workshop/FDP	International Level Conference = 1 National level seminar = 2 State level workshop =1 University level workshop =1 Institute level seminar/workshop = 7 Institute level student Development Program/Training = 3
CPE & DBT Star activities	Student projects = 70+ Industrial/Educational visits = 23 Invited Guest lecturers = 32 Exhibitions = 07 New practical introduced = 40+
Implementation of Autonomy	<ul style="list-style-type: none"> • Conducted workshops /FDP • Prepared conceptual framework, regulations, and syllabus for all programs under autonomy.
Enhancing results	Brainstorming meetings of teachers teaching were organized and preparation strategies were drawn for enhancing the results
Enhancing Value based education programme	Value based education programmes/activities are organized by dedicated faculty team members of the campus. Organization of various programs for staff as well as students.

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

2.15 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 external audit team for quality enhancement in phased manner.
- The college have also complied the plan of action of previous year AQAR report.

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	05	--	01	--
PG	05	--	05	--
UG	10	02	04	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	1	--	1	1
Certificate	2	--	2	2
Others	--	--	--	--
Total	23	--	13	3
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	23
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, the curriculum revision made for the UG & PG curriculum of the following program :
 - Industrial Chemistry.
 - Biotechnology
- 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	00	00

2.2 No. of permanent faculty with Ph.D.

45

25* pursuing Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
--	--	--	--	--	--	--	--	--	--

2.4 No. of Guest and Visiting faculty and Temporary faculty

06

--

--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	16	52	12
Presented papers	5	13	4
Resource Persons	-	2	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, **227 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

41

06

06

2.10 Average percentage of attendance of students

93%

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. IC	86	3.49	38.37	18.60	0.00	0.00
BSc. BT	104	33.65	48.08	6.73	0.00	0.00
BCA	136	33.82	35.29	6.62	0.00	2.21
BSc. IT	141	40.43	43.97	7.09	0.00	0.71
BSc. Chemistry	75	28.00	34.67	9.33	0.00	0.00
BSc. Mathematics	77	66.23	22.08	0.00	0.00	0.00
BSc. Microbiology	57	29.82	52.63	3.51	0.00	0.00
BSc. Biochemistry	26	34.62	42.31	11.54	0.00	0.00
MSc. BT	13	23.08	30.77	30.77	0.00	0.00
MSc. IC	33	30.30	51.52	9.09	0.00	0.00
MSc. IT	65	46.15	29.23	4.62	0.00	0.00
MSc. Microbiology	10	30.00	30.00	20.00	0.00	0.00
MSc. POC	31	54.84	41.94	3.23	0.00	0.00

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	01
UGC – Faculty Improvement Programme	15
HRD programmes	22
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	11
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	110
Others	3

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	14	00	02	00
Technical Staff	18	00	05	00

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	--	01	01	--
Outlay in Rs. Lakhs	--	19.99	37.64	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	--	--	--
Outlay in Rs. Lakhs	15.38	--	--	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	6	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings		29 (24 Students Abstract Publication, 4 Faculty Abstract Publication, 1 Faculty Research Publication)	

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	37,64,000	26,85,800
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	6 Months – 1Year	Managing trust of the college	9,00,000	9,00,000
Students research projects <i>(other than compulsory by the University)</i>	-	DBT (STAR), Managing Trust	2,00,000	2,00,000
Any other(Specify)	-	-	-	-
SAPTDHARA Prkalp	--	Government of Gujarat	2,40,000	60,000
UDISHA Prkalp	--	Government of Gujarat	10,000	5,000
Total			48,74,000	48,69,000

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

Rs. 9,71,251/-

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	--	01	--	05	15
Sponsoring agencies	--	GUJCOST	--	DBT	DBT, UGC

3.12 No. of faculty served as experts, chairpersons or resource persons

13

3.13 No. of collaborations

International

--

National

5

Any other

--

3.14 No. of linkages created during this year

6

3.15 Total budget for research for current year in lakhs :

From Funding agency

Rs. 40.0 Lakhs

From Management of University/College

Rs. 9.0 Lakhs

Total

Rs. 49.0 Lakhs

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
13	--	--	--	5	--	8

3.18 No. of faculty from the Institution

who are Ph. D. Guides

08

and students registered under them

46

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

04

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

JRF

01

SRF

--

Project Fellows

--

Any other

-

3.21 No. of students Participated in NSS events:

University level	16	State level	01
National level	--	International level	--

3.22 No. of students participated in NCC events:

University level	--	State level	155
National level	20	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	09
National level	02	International level	--

3.25 No. of Extension activities organized

University forum	--	College forum	06		
NCC	07	NSS	01	Any other	03

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

- Participation in mission for cleanness to raise awareness among the masses by NCC students
- Participation of NCC students in the celebration of international Yoga Day.
- NSS Students Participated in the awareness rally for International AIDS Day.
- NSS volunteers participated in the Road Security Awareness Fortnight Programme.
- 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.
- Soil Health Card Program of Gujarat Government.
- Shibir on “Manav Vyavhar Darshan”

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	--	--	23.5 acre
Class rooms	29	--	--	29
Laboratories	61	--	--	61
Seminar Halls	6	--	--	6
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	94 (Previous year)	01	Managing trust	95
Value of the equipment purchased during the year (Rs. in Lakhs)	181.19	11.07	Managing trust	192.026
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 Library-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:

- Digitalised Admission Process
- Student Management (SMS)
 - Online attendance
 - Time – Table
 - Leave submission
- Digitalization of Feedback Collection and Analysis (Online)
- 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	20249	5732993.09	103	97966	20352	5830959.09
Reference Books	2725	4388771.22	132	240140.6	2857	4628911.82
e-Books	97000	5000		Free	97000	5000
Journals	77	176754	76	127919	77	176754
e-Journals	6000	5000		Free	6000	5000
Digital Database	Institutional Repository using DSpace - Digital Library of Student Project reports, Dissertations and Faculty Publications					
CD & Video	2700		174		2874	
Others (General Books)	3356	266671.5	272	42357.5	3628	309029
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	445	13	30 mbps	13	13	13	69	--
Added	0	0	20 mbps	0	0	3 upgrade	6	--
Total	445	13	50 mbps	13	13	13	75	--

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

1. Network Switches : Existing : 16 Added : 1 Total : 17
2. Faculty Development Program on the following:
 - a. Microwave Plasma - Atomic Emission Spectroscopy
 - b. Training in the use of Sophisticated Instruments – III - Flash Chromatography
 - c. GC & GCMS
 - d. H-Cube Mini Hydrogenator & Lyophilizer
 - e. Advanced Molecular Instruments
 - f. Implementation of Autonomy
3. Summer School
 - a. Sterilization of Pharmaceutical Products
 - b. Sterility Testing of Pharmaceutical Products
 - c. Biochemical Calculations
 - d. Biochemical & Microbial Analysis of Milk
4. Student Development Program
 - a. Preparation of Solutions & Standardization
 - b. Soil Analysis
 - c. Paper Recycling Process

4.6 Amount spent on maintenance in lakhs :

i) ICT	2.73
ii) Campus Infrastructure and facilities	26.20
iii) Equipments	28.10
iv) Others	1285.92
Total :	1342.96

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
1351	310	46	0

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

Men	No	%	Women	No	%
	1356	50.96		1305	49.04

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2135	48	24	442	0	2649	2074	62	16	509	0	2661

Demand ratio 1:6

Dropout % less than 0.5%

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
- SUCEAT exam conducted by the CCDC of affiliating Saurashtra University, Rajkot

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	--	SET/SLET	--	GATE	--	CAT	--
IAS/IPS etc	--	State PSC	01	UPSC	--	Others	04

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

<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	202	124	17

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

	Number of students	Amount in Rs.
Financial support from institution	34	4,69,485/-
Financial support from government	23	5,10,240/-
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: 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)

6.3.1 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 organizes 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 AMC's.

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 organizations, 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	No	--	Yes	Managing Trust of the College
Administrative	No	--	Yes	Managing Trust of the College

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes ☐ No ☒

For PG Programmes Yes ☐ No ☒

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

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) **Central Instrumentation Facility**

The college has developed Centralized instrumentation Facility (CIF) on the campus keeping in mind the interdisciplinary and multidisciplinary nature of Research work and common requirement of the same sophisticated lab instruments to conduct major and minor research work. The objectives of the central instrumentation facility is as below:

- To provide the best possible configuration of Laboratory equipment best suited for multiple research work
- To create a central pool of resources for better accessibility and sharing of resources with best maintenance and required controlled and monitored environment.

The Central Instrumentation Facility, equipped with high value sophisticated instruments, has been created in order to cater to the needs of different departments and for maximum utilization of instruments. The facilities are extensively used by Post Graduate Students, Doctoral Research

Scholars and Sponsored Projects for Advanced Research. This facility is also extended to External Organizations, mainly academic institutions of the region on nominal chargeable basis.

CIF facilities include:

- FTIR Spectrophotometer
- Microwave Synthesizer
- Ultraviolet – Visible Spectroscope
- PCR
- Gel documentation
- Electrophoresis
- Ultra low refrigerator (-80 °C)
- Phase contrast microscope with image analysis
- Orbital Shaking incubators
- Karl-Fischer auto titration
- Millipore water purification system
- HPLC with fractional collector
- Bright field and inverted microscopes
- Biosafety cabinets

The impact of the CIF laboratory is as below:

With this facility being made available the students and faculty are able to take many high ends & challenging research work in-house and thereby reduction in the hiring services cost. Many researchers other academic institution are also being benefited.

2) **AWAKE (Atmiya Women Association for Knowledge Empowerment)**

Women are identified as seriously under-represented in the certain field of science and technology. They are an under-utilized pool of talent and resource as they comprise more than half of the population of any society and could contribute immensely towards the social and economic development of societies through participation in science and technology programs.

The objective of the AWAKE are as below:

- Find ways of changing the situation such that women can make an impact in field of science and technology. Producing a critical mass of scientifically skilled women.
- To educate women towards legal rights and laws.

- To contribute to the eradication of poverty, fighting diseases, stemming environmental degradation and improving global economic competitiveness through the application and development of science and technology.

Following are the activities conducted:

- Promotion of gender awareness through lectures and talks
- Lessons on health and nutrition.
- Integration of technical, entrepreneurial, cultural and communal aspects.
- Information and lessons on legal rights and laws; and Provision of planning and thinking skills
- Invited talks by spiritual saints / motivational speakers for spiritual and moral empowerment.
- Strengthening of self confidence through teaching certain defence techniques to protect themselves.

The impact of the practices are very remarkable:

- Increase in number of research projects and publication by ladies faculty.
- Responsibility towards role of women in up-liftment of society increased.
- Awakening of Cultural, legal, and Spiritual values.
- Networking and Sharing of expertise between girls students and ladies faculty of different departments.

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

Plan of Action	Action taken
To organise National /State level events	International Level Conference: <ul style="list-style-type: none"> ○ Universal Human Values National level Seminar <ul style="list-style-type: none"> ○ Advancement in Science & Technology ○ Universal Human Values State level Workshop <ul style="list-style-type: none"> ○ Basic Molecular Biology Techniques
To organise University/Institute level events	University Level Workshop <ul style="list-style-type: none"> ○ Syllabus Review & Revision Workshop UG & PG Industrial Chemistry Institute Level FDP/Workshop: <ul style="list-style-type: none"> ○ Implementation of autonomy ○ Bloom's Taxonomy ○ Writing good patent application ○ Minor Electro analytical Instrument–Calibration & Maintenance ○ Demonstrative Training on Agilent FTIR & Expert Talk on Scope and Applications of LCMS ○ Introduction to Geogebra ○ Patent and Patent search Methodology Institute Level SDP: <ul style="list-style-type: none"> ○ Chem Bio Draw Ultra ○ Soil Analysis ○ Protective & Decorative Electroplating Techniques

Plan of Action	Action taken
To conduct Star college activities	Student projects = 70+ Industrial/Educational visits = 23 Invited Guest lecturers = 32 Exhibitions = 07 New practical introduced = 40+
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 = 200+
Curriculum design for vocational courses	Curriculum design for below mentioned vocational courses. <ul style="list-style-type: none"> o B. Voc. in Chemical Technology o B. Voc. In Pharmaceutical Analysis & Quality Assurance 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. 6,42,600/- GPCB Environment Audit = Rs. 3,28,651/-
Introduction of new UG programs	The following B. Voc. Programs introduced . <ul style="list-style-type: none"> o B.Voc. in Chemical Technology o B.Voc. in Pharmaceutical Analysis & Quality Assurance
Enhancing Value based education programme	Conducted 3Days & 8 Days Shibir for students as well as staff member of the college.

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

1) Title: Computerized Library Services and E-Learning Resources

Goal:

The main objective of this service was to make the resources available in the Library accessible and also provide a multi-user facility.

Context:

It is not only important that we procure the resources but it is also equally important that we make them accessible to the users by providing a user friendly online interface to search and browse the collection and know the status and also the document type. E-Learning is another unavoidable option today as more and more users find it easy to use the e-resources as they can be easily redistributed, used and converted from one form to another.

Practice:

NewGenLib – a web based multilingual Integrated Library Management software was purchased for the LLC. The Cataloguing of Library Documents is done as and when the documents enter the library and are made accessible through the Web-OPAC. The Web-OPAC provides the following facilities to the users: Search Options -Free Text search, Basic , Advanced, Expert; View Special Collections; See your circulation data; Reserve item on loan; Cancel reservations; Request renewal of loan; See list of new arrivals; Request addition of new publication; Statistics; Messages; Holidays; Change password; Define SDI Profile; and many more of such features. The users can search through different search modes and the results of the search are displayed into different formats namely – brief record, full record, subjects/content, Marc tags etc. the user get all the bibliographic details of the document along with the holdings and status of availability data. Based on which he/she can also reserve the document online too. All the messages are sent

to the user automatically by scheduled tasks in the software. Thus the user is updated on in time. There are many other features users are educated to use the Web-OPAC through a lecture.

A E-library with around 20 machines is made available to the users with Internet connectivity and access to most commonly needed software tools installed. E-Learning Resources are procured and subscribed through various sources in the form of Ebooks, Ejournals, Databases, Multimedia (CD/DVD) collection etc. Institutional Repository of Student Project Reports and Dissertations are also created with access to full text. Question papers are also made available through the repository. Video Lectures from NPTEL, and other online resources are downloaded to support the teaching fraternity with blended learning experience.

Evidence of Success:

The User is able to search for the required document in the library by just a click; it saves a lot of their time and also helps the Library staff to trace the documents. E-learning resources has created a huge demand for the use of E-library.

Problems encountered and resources required:

A good amount of survey was needed to be done to finalize the software which would cater to not only basic and current needs but also help us in the days to come and integrate all contemporary issues and also have a team to support. E-Learning resources usage needed that we educate our users continuously and also encourage their usage in the E-library. You need to install the feasible and the best configurations and also not only look for present needs but also keep an eye on future requirements as per standards.

Notes (optional):

The software follows all international standards like the LOC Web OPAC.

2) Title: E-Magazine

Goal:

To record and communicate to the community on the campus about the college happenings, subject insights, departmental activities and a platform to bring out creativity in the young minds in the e-format for easy and cost effective distribution and communication.

Context:

E-magazine was created in order to document, record and create awareness among the campus and its stakeholders and that to in the most creative, cost effective and timely method.

Practice:

The E-magazine has been designed keeping in mind the type of courses offered and also type of publication to be considered. Initially there was a wall magazine concept where all the departments had a display area. To make this in to broad perspective principal along with senior staff members decided to start C³ corner editing responsibility of C³ was handed to Microbiology department; on the same line this E-magazine has been designed. The magazine is divided primarily into 3 major sections namely – physical sciences, Chemical Sciences, Biological sciences & Computer sciences. Each of the departments under this sections submit informatory articles related to the subject, activities during the 6 months by the department, future announcements of activities, creative writings of the students in the form of poetry, essay etc. and also some educating games, quizzes, crosswords etc.

Evidence of Success:

This magazine has been enthusiastically contributed by all the department faculty and students.

Problems encountered and resources required:

No major problems have been encountered so far and magazine is designed using Free and Open software applications. The designing of the magazine is also done with the inputs of the creative club members.

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 Under the Mission of **Swaccha Bharat Mission NSS, NCC and various forums have organized different competitions/activities like-** Campus Cleaning, Painting/Scitoon Making/ Slogan Writing/Spot Photography Competition/Elocution/Quiz. **Mahatma Gandhi Nirvan Din:** The day was observed along with **cleanliness drive**. A pledge was taken by all **staff and students** on cleanliness. 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)

NIL

8. Plans of institution for next year

- To introduce new integrated programs.
- To organise National level seminar/symposium/workshops.
- To give more numbers of UG students project of Interdisciplinary/multidisciplinary nature.
- Recruitment of staff required for the implementation of new programme.
- To organise FDP's/ Training program for autonomy implementation.
- 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.
- To enrich library & Learning resources.
- To take up efforts to make campus cleaner & greener.
- To make efforts towards successful implementation of UGC's Autonomy from next AY 2016-17.
- To prepare and submit data for NIRF & AISHE.

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 2015-16
ACADEMIC CALENDAR of affiliating Saurashtra University, Rajkot (Gujarat)
AY 2015-16

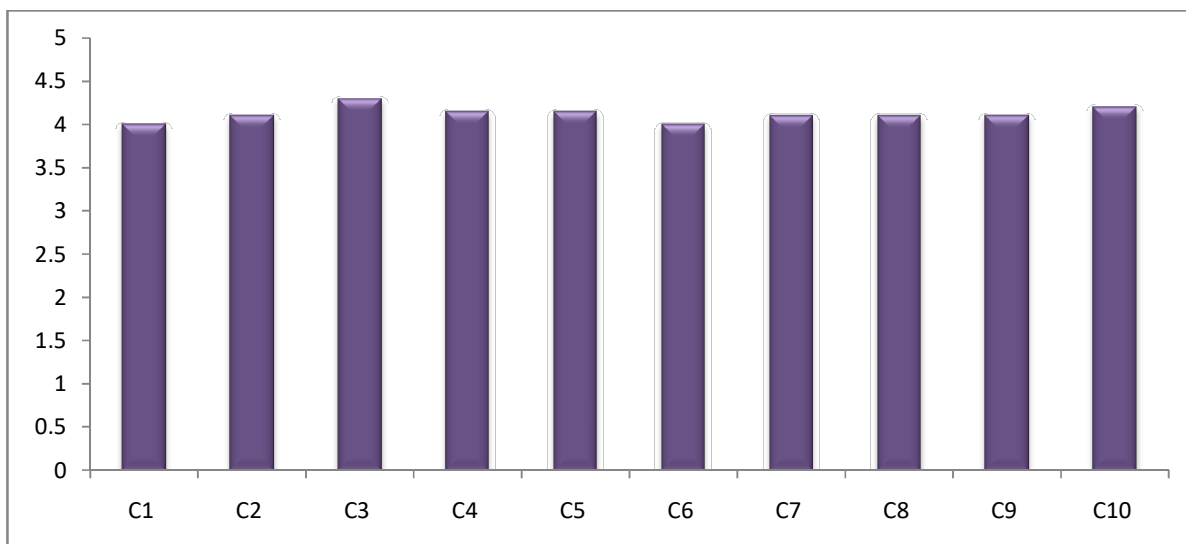
સૌરાષ્ટ્ર યુનિવર્સિટી Accredited Grade A by NAAC	
Ordi.-95/205	
પરિપત્ર :: આથી સૌરાષ્ટ્ર યુનિવર્સિટી સંલગ્ન સર્વે સંબંધિત કોલેજોના આચાર્યશ્રીઓ, યુનિવર્સિટી અનુસ્નાતક ભવનોના વડાઓ, યુનિવર્સિટી અનુસ્નાતક કેન્દ્રોના પ્રો.ઈન્ચાર્જશ્રીઓ તેમજ માન્ય સંસ્થાઓના વડાઓને સવિનય જણાવવાનું કે, અધ્યાદેશ-૮૫ તથા ૨૦૫ મુજબ માન.કુલપતિશ્રી દ્વારા શૈક્ષણિક વર્ષ ૨૦૧૫-૨૦૧૬ ની શૈક્ષણિક સત્ર વ્યવસ્થા એકેડેમિક કાઉન્સિલ અને સિન્ડિકેટની બહાલીની અપેક્ષાએ મંજૂર કરવામાં આવેલ છે. તે અનુસાર પ્રથમ શૈક્ષણિક સત્ર તા.૧૮-૬-૨૦૧૫ ને શુક્રવારથી શરૂ થનાર હતું તે આંતરરાષ્ટ્રીય યોગ દિવસ તા.૨૧-૬-૨૦૧૫ના કાર્યક્રમોની તૈયારીના ભાગરૂપે હવે તા.૧૫-૬-૨૦૧૫ ને સોમવારથી શરૂ થશે અને શૈક્ષણિક સત્ર વ્યવસ્થા નીચે મુજબ રહેશે. તદ્દઅનુસાર સંબંધિત સર્વેના ધ્યાન પર લાવવા તથા તે મુજબ શૈક્ષણિક સત્ર વ્યવસ્થાનો અમલ કરવા વિનંતી છે. શૈક્ષણિક સત્ર વ્યવસ્થા - ૨૦૧૫-૨૦૧૬	
પ્રથમ શૈક્ષણિક સત્રનો પ્રારંભ :- તા.૧૫-૦૬-૨૦૧૫ને સોમવારથી થશે.	
૧.	તા.૧૫-૬-૨૦૧૫ સોમવાર થી તા.૬-૧૧-૨૦૧૫ શુક્રવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) —સંલગ્ન કોલેજો માટે તા.૧૫-૬-૨૦૧૫ સોમવાર થી તા.૬-૧૧-૨૦૧૫ શુક્રવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) —યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત)
૨.	તા.૭-૧૧-૨૦૧૫ શનિવાર થી તા.૬-૧૨-૨૦૧૫ રવિવાર Term End Break (દિવાળી વેકેશન) —સંલગ્ન કોલેજો માટે તા.૭-૧૧-૨૦૧૫ શનિવાર થી તા.૬-૧૨-૨૦૧૫ રવિવાર Term End Break (દિવાળી વેકેશન) —યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત)
દ્વિતીય શૈક્ષણિક સત્રનો પ્રારંભ :- તા.૭-૧૨-૨૦૧૫ને સોમવારથી થશે.	
૧.	તા.૭-૧૨-૨૦૧૫ સોમવાર થી તા.૩૦-૪-૨૦૧૬ શનિવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) —સંલગ્ન કોલેજો માટે તા.૭-૧૨-૨૦૧૫ સોમવાર થી તા.૧૪-૫-૨૦૧૬ શનિવાર (કલાસરૂમ ટીચીંગ, પરીક્ષા મુલ્યાંકન સહિત) —યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત)
૨.	તા.૦૧-૦૫-૨૦૧૬ રવિવાર થી તા.૧૫-૬-૨૦૧૬ બુધવાર Term End Break (ઉનાળું વેકેશન) —સંલગ્ન કોલેજો માટે તા.૧૫-૦૫-૨૦૧૬ રવિવાર થી તા.૧૫-૬-૨૦૧૬ બુધવાર Term End Break (ઉનાળું વેકેશન) —યુનિવર્સિટી ભવનો / કેન્દ્રો માટે (માન્ય સંસ્થાઓ સહિત)
શૈક્ષણિક વર્ષ - ૨૦૧૬-૨૦૧૭	
પ્રથમ શૈક્ષણિક સત્રનો પ્રારંભ :- તા.૧૬-૦૬-૨૦૧૬ને શુક્રવાર થી થશે. (UG / PG બન્ને માટે)	
નોંધ : (૧) યુ.જી.સી. તથા રાજ્ય સરકારશ્રીના વખતો વખતના આ બાબત પરત્વેના કરાવોને ધ્યાને લઈ વિનયન, વિજ્ઞાન, શિક્ષણ, વાણિજ્ય, હોમસાયન્સ, કાયદા અને ગ્રામવિદ્યા, બિઝનેસ મેનેજમેન્ટ, પારફોર્મિંગ આર્ટ્સ, વિદ્યારાખા માટે ઉપર મુજબનું સત્ર વ્યવસ્થા સુચવેલ છે. જેનું સુસ્તપણે પાલન કરવાનું રહેશે. જેની નોંધ લેવા વિનંતી. (૨) જે વિદ્યારાખાઓમાં કેન્દ્રિય/રાજ્ય સરકારશ્રી પ્રવેશની જોગવાઈ કરે છે તેવા તબીબી, ડેન્ટલ, કીડીયોલોજી, નર્સિંગ, ડામ્સી, હોમિયોપેથી, આર્કિટેક્ચર, બિઝનેસ મેનેજમેન્ટ વિદ્યારાખાના એમ.બી.એ. તથા વિજ્ઞાન વિદ્યારાખાના એમ.સી.એ. તેમજ અન્ય અભ્યાસક્રમો કે જે મધ્યસ્થ પ્રવેશ સમિતિને આધીન છે તેની સત્ર વ્યવસ્થા પ્રવેશ પ્રક્રિયા થયા બાદ યુ.જી.સી. તથા રાજ્ય સરકારશ્રીના વખતો વખતના આ બાબત પરત્વેના કરાવોને ધ્યાને લઈ જે તે વિદ્યારાખાના પ્રિનશ્રી સુચવે તે મુજબ નિયત કરવામાં આવશે અને તેનું સુસ્તપણે પાલન કરવાનું રહેશે.	
નં એકે / એ-૮૫/એ-૨૦૫/ ૩૮૨ /૨૦૧૫ સૌરાષ્ટ્ર યુનિવર્સિટી કાર્યાલય, યુનિવર્સિટી કેમ્પસ, યુનિવર્સિટી રોડ, રાજકોટ-૫ તા. ૬ -૫ -૨૦૧૫ પ્રતિ, (૧) યુનિવર્સિટી સંલગ્ન કોલેજોના આચાર્યશ્રીઓ / યુનિવર્સિટી અનુસ્નાતક ભવનોના પ્રાધ્યાપક અને અધ્યક્ષશ્રીઓ / માન્ય સંસ્થાઓના વડા તથા અનુસ્નાતક કેન્દ્રોના પ્રોફેસર ઈન્ચાર્જશ્રીઓ તરફ.....	
નકલ સહરૂર રવાના :- ૧. કુલપતિશ્રી / કુલસચિવશ્રી ના એન્ટ સચિવશ્રી ૨. પરીક્ષા નિયામકશ્રી (ટ નકલ) ૩. સર્વે વિભાગના વડાઓ ૪. નિયામકશ્રી, નોલેજ કોન્સોટરીયમ, ગુજરાત, અમદાવાદ ૫. નિયામકશ્રી, આઈ.કયુ.એ.સી., સૌરાષ્ટ્ર યુનિવર્સિટી, રાજકોટ ૬. ઉચ્ચ શિક્ષણ કમિશનરશ્રી, ઉ.શિ.કમિશનરશ્રીની કચેરી, ગુજરાત રાજ્ય, ગાંધીનગર, ૭. નિયામકશ્રી, કોમ્પ્યુટર સેન્ટર, સૌરાષ્ટ્ર યુનિવર્સિટી, વેબસાઈટ ઉપર પ્રસિધ્ધ કરવા અર્થે (સૌરી સ્થાવર), ૮. સર્વ વિદ્યારાખાના પ્રિનશ્રીઓ તરફ.	
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Shree Manibhai Virani and Smt. Navalben Virani Science College, Rajkot

Track ID: GJCOGN13267

Analysis of Feedback – AQAR 2015-16

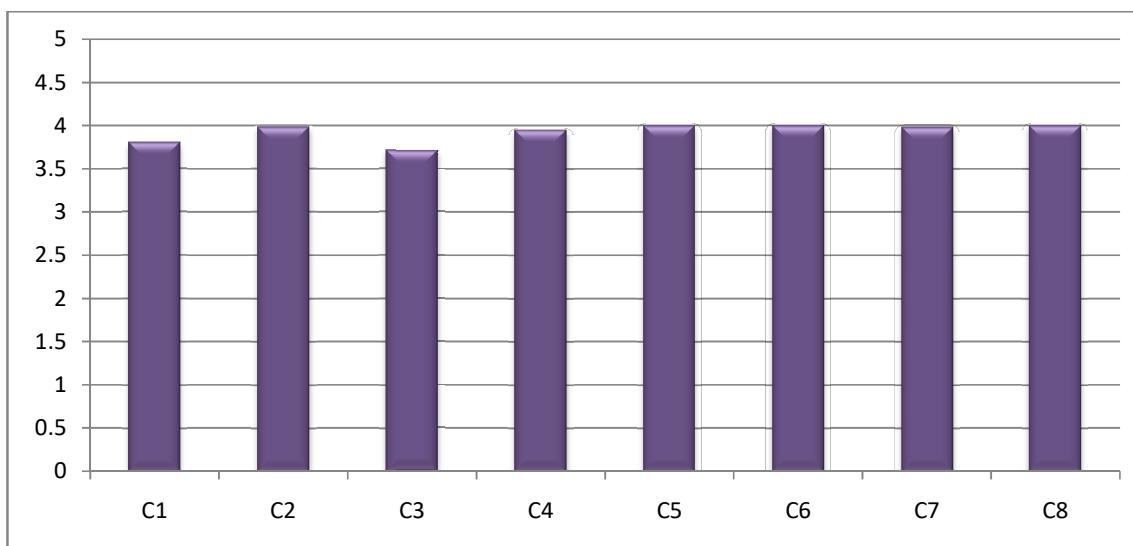
1. Feedback on Teachers



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 2015-16

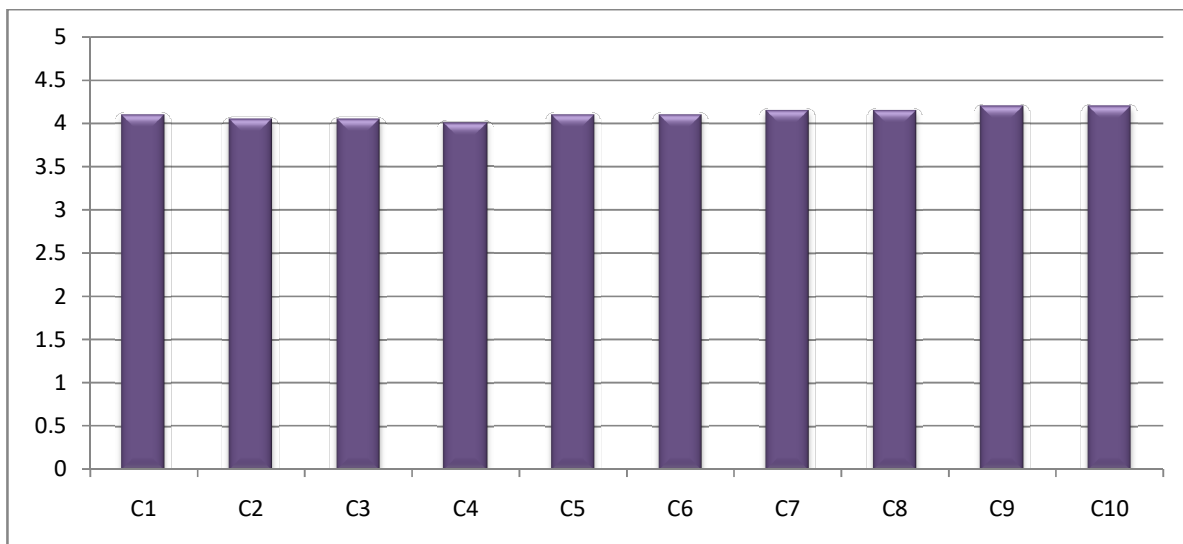
2. Feedback on Course



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

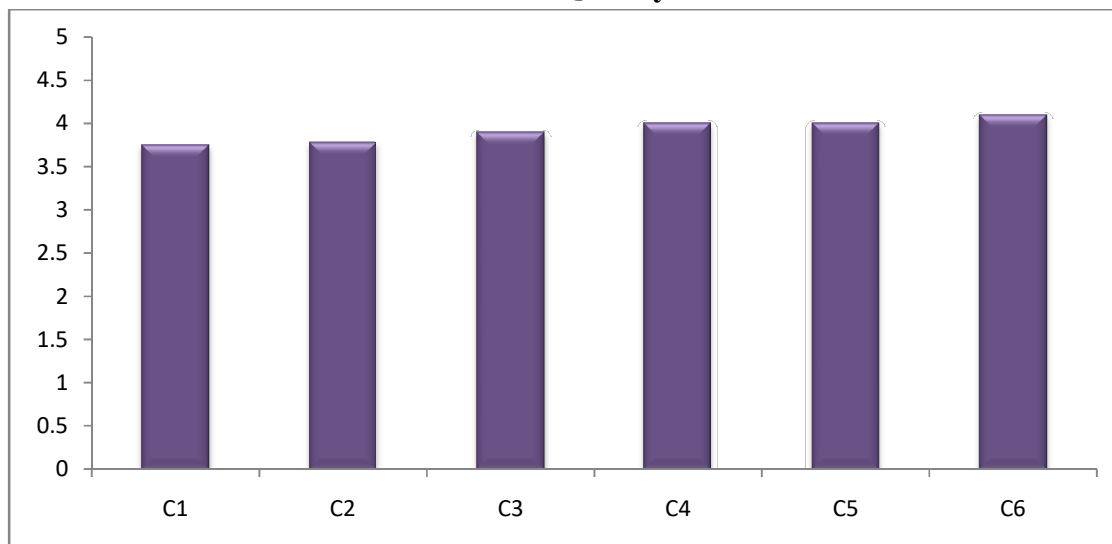
Analysis of Feedback – AQAR 2015-16

3. Parents Feedback



C1	Teaching Quality(શિક્ષણની ગુણવત્તા)
C2	Study & Discipline (અભ્યાસ અને શિસ્ત)
C3	Sports & Other activities (સ્મત 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
C7	Any Other
