



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	SHREE MANIBHAI VIRANI AND SMT. NAVALBEN VIRANI SCIENCE COLLEGE
Name of the head of the Institution	Dr. K. D. Ladva
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02812562681
Mobile no.	9824803333
Registered Email	principal@vsc.edu.in
Alternate Email	admin@vsc.edu.in
Address	Yogidham Gurukul Kalawad Road
City/Town	Rajkot
State/UT	Gujarat
Pincode	360005

<b>2. Institutional Status</b>					
Autonomous Status (Provide date of Conformant of Autonomous Status)			16-Jan-2013		
Type of Institution			Co-education		
Location			Urban		
Financial Status			Self financed and grant-in-aid		
Name of the IQAC co-ordinator/Director			Er. Ravi S Tank		
Phone no/Alternate Phone no.			02812562681		
Mobile no.			9825114015		
Registered Email			rstank@vsc.edu.in		
Alternate Email			ravistank@gmail.com		
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)			<a href="http://vsc.edu.in/wp-content/uploads/bsk-pdf-manager/AQAR_Report_2018-19_32.pdf">http://vsc.edu.in/wp-content/uploads/bsk-pdf-manager/AQAR_Report_2018-19_32.pdf</a>		
<b>4. Whether Academic Calendar prepared during the year</b>			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			<a href="http://vsc.edu.in/wp-content/uploads/2021/12/MNVSC-A-Academic-Calnder-2018-19.pdf">http://vsc.edu.in/wp-content/uploads/2021/12/MNVSC-A-Academic-Calnder-2018-19.pdf</a>		
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.28	2014	24-Feb-2014	31-Dec-2021
<b>6. Date of Establishment of IQAC</b>			06-Aug-2007		
<b>7. Internal Quality Assurance System</b>					
Quality initiatives by IQAC during the year for promoting quality culture					

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
FDP on Introduction to CMS	15-Jun-2019 1	90
FDP on Learning Outcome Based Learning methods and tools (Dr. Ajay Jain)	13-Sep-2019 1	105
FDP on Facilitative Learning Methods (Dr. Sheela Ramchandran)	20-Dec-2019 1	108
Expert Talk on Global change and demand from industries and societies with regard to higher education ( Dr. V. Kovaichelan)	21-Jan-2020 1	102
Training for Entrepreneurship : Kalpesh Padariya	09-Feb-2020 1	150
<a href="#">View File</a>		

**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Shri M. & N. Virani Science College	DIST FIST	MST-DBT	2012 365	28
Shri M. & N. Virani Science College	UGC-CPE	MST	2014 1825	102
Shri M. & N. Virani Science College	DBT Star College Status	MST-DBT	2014 730	66
Shri M. & N. Virani Science College	DBT Star College Scheme	MST-DBT	2016 1095	47
Shri M. & N. Virani Science College	DBT Star College Scheme	MST-DBT	2009 1825	36
Shri M. & N. Virani Science College	Potential for Excellence	UGC	2010 730	100
<a href="#">View File</a>				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	1
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	300000
Year	2014
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
<ul style="list-style-type: none"> <li>• Procurement of new Instrument/equipments/Books as per requirement of new curriculum.</li> <li>• Meetings of Statutory and Non Statutory committees as per UGC Guidelines</li> <li>• Continuation of consultancy earnings GPCB Environmental Audit and Soil Health Card program of Gujarat State Government.</li> <li>• Gujarat State Biotechnology Mission Sponsored capacity building program.</li> <li>• AISHE DCF, NIRF DCS, GSIRF data submission</li> </ul>	
<a href="#">View File</a>	
<b>13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year</b>	
Plan of Action	Achievements/Outcomes
To conduct following activities : A. Capacity Building I. Faculty members II. Support staff B. Student Initiatives I. Academic presentations II. Competitions C. Outreach & Social Activities D. Exhibitions & General activities I. Exhibitions II. Celebrations E. Science Popularization activities F. Research/ Patent Awareness programs G. Organizing Seminar/Workshop/Conference	All the planned activities have been successfully accomplished with desired outcome.
<a href="#">View File</a>	
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes

Name of Statutory Body	Meeting Date
Management	20-Apr-2019
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	02-May-2019
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	31-Dec-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>A Management Information System or MIS is a central data repository capable of not only gathering, organizing, and storing student data but also processing and analyzing it and generating various reports from it. This is MIS in a broader sense. We are using CMS (Campus Management System ) to monitor the performance of education programs offered by the institute and manages the distribution and allocation of educational resources. It manages, plans, and strategize to implement work processes to execute the education system smoothly. Of course, in the field of education, education MIS has specific roles to help an educational institution grow. Student behavior can be largely tracked through the CMS. CMS stores crucial student data such as personal data, exam records, and even hostel and library details. Additionally, it keeps track of the daytoday progress of students. For Instance, the system can suggest the regions that attract the majority of students, the gender ratio, mode of registration (social media/website) which could help the institution further optimize online admission campaigns. These insights can be eventually used to analyze and monitor the improvements. Main Module: (1)</p>

Admission (2) Academic (3) Exam (4)  
Finance Account (5) Hr Payroll (6)  
Alumni (7) Procurement Inventory (8)  
Hostel Management.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	19U	IC	05/06/2019
BSc	19U	CH	05/06/2019
BSc	19U	MB	05/06/2019
BSc	19U	MT	05/06/2019
BSc	19U	BC	05/06/2019
MSc	19P	CH	05/06/2019
MSc	19P	MB	05/06/2019
MSc	19P	IC	05/06/2019

[View File](#)

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BSc	IC	05/06/2019	19UICCC101	05/06/2019
BSc	IC	05/06/2019	19UICCC102	05/06/2019
BSc	IC	05/06/2019	19UICCC202	05/06/2019
BSc	IC	05/06/2019	19UICCC201	05/06/2019
BSc	IC	05/06/2019	19UICCC301	05/06/2019
BSc	IC	05/06/2019	19UICCC302	05/06/2019
BSc	IC	05/06/2019	19UICCC303	05/06/2019
BSc	IC	05/06/2019	19UICCC401	05/06/2019
BSc	IC	05/06/2019	19UICCC402	05/06/2019
BSc	IC	05/06/2019	19UICCC403	05/06/2019

[View File](#)

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	IC	05/06/2019
MSc	MT	05/06/2019
MSc	MB	05/06/2019
MSc	CH	05/06/2019

MSc	IC	05/06/2019
BSc	BC	05/06/2019
BSc	MT	05/06/2019
BSc	MB	05/06/2019
BSc	CH	05/06/2019
<a href="#">View File</a>		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	CH	05/06/2019
BSc	MT	05/06/2019
BSc	BC	05/06/2019
BSc	BT	05/06/2019
BSc	IC	05/06/2019
MSc	MT	05/06/2019

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Formulation of Detergents Toiletries	05/06/2019	47
Financial Literacy Taxation	05/06/2019	72
Vedic mathematics	05/06/2019	30
Food Adulteration	05/06/2019	29
Regional medicinal plants and herbal remedies	05/06/2019	46
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	All	548
Integrated(UG)	All	134
<a href="#">View File</a>		

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents

Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Career Guidance, Anti-Ragging and Sexual Harassment Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues. The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. Feedback from industrial management, R D establishments and professionals is obtained through college website's feedback blog. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Biochemistry	60	135	59
BSc	Chemistry	60	458	57
BSc	Mathematics	60	179	58
BSc	Microbiology	60	453	60
BSc	Industrial Chemistry	60	140	52
MSc	Microbiology	40	68	40
MSc	Industrial Chemistry	40	41	30
MSc	Chemistry	40	111	39
MSc	Mathematics	30	28	16

[View File](#)

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	286	125	75	39	12

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-



learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
114	114	712	50	3	5
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Student Mentoring is done at various levels: 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. 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. 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.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1530	114	1:13

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
114	114	25	8	43

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	NA	Nil	NA
No file uploaded.			

## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

Integrated(UG)	16UIMB	VI	30/07/2020	09/08/2020
Integrated(UG)	16UICH	VI	31/07/2020	09/08/2020
BSc	16UPH	VI	31/07/2020	09/08/2020
BSc	16UBC	VI	30/07/2020	09/08/2020
BSc	16UMT	VI	31/07/2020	09/08/2020
BSc	16UIC	VI	31/07/2020	09/08/2020
BSc	16UBT	VI	31/07/2020	09/08/2020
BSc	16UBT	VI	30/07/2020	09/08/2020
BSc	16UIT	VI	30/07/2021	09/08/2020
BSc	16UCH	VI	31/07/2021	09/08/2020
<a href="#">View File</a>				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	883	0

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://vsc.edu.in/wp-content/uploads/2022/02/PO-PSO-CO.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
16UIMB	Integrated (UG)	Microbiology	47	46	97.87
16UICH	Integrated (UG)	Chemistry	50	49	98
16UPH	BSc	Physics	21	20	95.24
16UBC	BSc	Biochemistry	57	56	98.25
16UMT	BSc	Mathematics	54	54	100
16UIC	BSc	Industrial Chemistry	103	97	94.17
16UBT	BSc	Biotechnology	85	81	95.29
16UMB	BSc	Microbiology	48	48	100
16UIT	BSc	Information	111	100	90.09

		Technology			
16UCH	BSc	Chemistry	52	52	100
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://vsc.edu.in/feedback.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	NA	NA	Nil	NA
No file uploaded.				

### 3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	DBT	37.64	0
Minor Projects	0	NA	0	0
Interdisciplinary Projects	0	NA	0	0
Industry sponsored Projects	0	NA	0	0
Projects sponsored by the University	0	NA	0	0
Students Research Projects (Other than compulsory by the University)	0	NA	0	0
International Projects	0	NA	0	0
Any Other (Specify)	0	NA	0	0
<b>Total</b>	<b>1095</b>	<b>NA</b>	<b>37.64</b>	<b>0</b>

[View File](#)

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

### 3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Mathematics Quiz Competition	Mathematics	05/09/2019
Celebration of National Mathematics Day-2019	Mathematics	21/12/2019
Cyber Crime Seminar	Computer Science and IT	19/06/2019
Train the trainers, Smart Girls Training Program by BJS	Computer Science and IT	26/07/2019
FDP on Learning Outcome Based Learning methods and tools (Dr. Ajay Jain)	Microbiology	13/09/2019
FDP on Facilitative Learning Methods(Dr. Sheela Ramchandran)	Microbiology	20/12/2019
Seminar on Introduction to SCILAB	Mathematics	03/07/2019
FDP on Introduction to CMS (Kiran Madam - AITS)	Microbiology	15/06/2019
Review Article Writing in Mathematics	Mathematics	18/07/2019

[View File](#)

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
0	0	0	Null	0

No file uploaded.

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	0	0	Null

No file uploaded.

### 3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Chemistry	3
IC	1

Microbiology	2
Biotechnology	1
Computer Science and IT	3
English	1

#### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Industrial Chemistry	2	3
International	Microbiology	1	3
International	Biochemistry	1	3
International	Mathematics	3	3
International	Computer Science and IT	2	3
International	Chemistry	8	5
<a href="#">View File</a>			

#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	11
Biochemistry	1
Microbiology	1
Computer Science and IT	5
Mathematics	6
Industrial Chemistry	4
<a href="#">View File</a>	

#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
0	Null	0	Null
No file uploaded.			

#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Stability and Thermo dynamic Attributes of Starch Hydrolyzin g alpha-	Kikani, Bhavtosh A. Kourien, Susen Rathod, Upasna	STARCH-STARKE	2020	8	Shree M and N Virani Science College, Rajkot	8

Amylase of Anoxybacillus rupiensis TS-4						
<a href="#">View File</a>						

### 3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Stability and Thermo dynamic Attributes of Starch Hydrolyzing alpha-Amylase of Anoxybacillus rupiensis TS-4	Kikani, Bhavtosh A. Kourien, Susen Rathod, Upasna	STARCH-STARKE	2020	1	8	Shree M and N Virani Science College, Rajkot
<a href="#">View File</a>						

### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	1	1	2
Presented papers	1	Nil	Nil	Nil
Resource persons	Nil	1	Nil	Nil
<a href="#">View File</a>				

## 3.5 – Consultancy

### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Chemistry	Analytical Synthetic Service	SKS	33000
Environmental Audit Cell	Environmental Audit Monitoring (Schedule-1) Audit	GPCB	1684000
<a href="#">View File</a>			

### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees

0	0	0	0	0
No file uploaded.				

### 3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
healthy Life styles and Yoga fo healthy Lifestyle	NSS	5	126
Swachh Bharat Abhiyan	NSS	5	126
Workshop on First Aid	NSS	5	126
Participation in yuavti Sabha	NSS	3	36
Visit to Mentally Handicapped School	NSS	4	89
ONLINE CONTENT DEVELOPMENT FOR DG NCC ONLINE TRAINING APP	NCC	5	60
NO TOBACCO AWARENWSS	NCC	3	76
STATUE CLEANING	NCC	5	115
CYCLOTHONE	NCC	4	130
REGISTRATION ON GALLANTARYY AWARD PORTAL	NCC	4	166
<a href="#">View File</a>			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Sainik Din fund raising	“Highest Contributory Trust” for the year 2010-11 by the Directorate of Sainik Welfare Resettlement, Gujarat State	Government of Gujarat	369
Adopted Village Vagudad - Social Activity	Adopted village	Gram Panchayat	18
<a href="#">View File</a>			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government

Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	NSS	Swachh Bharat Abhiyan	5	126
NSS	NSS	Workshop on First Aid	5	126
NSS	NSS	Participation in yuavti Sabha	3	36
NSS	NSS	Visit to Mentally Handicapped School	4	89
NSS	NSS	International Youth Convention	1	18
NCC	NCC	ONLINE YOGA DAY CELEBRATION	5	200
NCC	NCC	UNICEF YUWAHH INITIATIVE	5	101
NCC	NCC	AATMA NIRBHAR BHARAT ONLINE SHAPATH AND AWARENESS ACTIVITY	5	160
NCC	NCC	VACCINATION AWARENESS	4	165
NCC	NCC	HIV-AIDS AWARENESS	5	215
<a href="#">View File</a>				

### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
0	0	0	0
No file uploaded.			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
0	0	0	Nil	Nil	0
No file uploaded.					



3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
College of Computer, Science and IT, Junagadh	18/09/2019	To enhance the overall quality of the mentee institutions	3
Shri V. J. Modha College, Porbandar	18/09/2019	To enhance the overall quality of the mentee institutions	3
Harivandana College, Rajkot	18/09/2019	To enhance the overall quality of the mentee institutions	3
Shri M. J. Gajera B.Ed. Mahila College, Amreli	18/09/2019	To enhance the overall quality of the mentee institutions	3
Arpit College, Rajkot	18/09/2019	To enhance the overall quality of the mentee institutions	3
<a href="#">View File</a>			

**CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

**4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
20.5	20.72

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing

Campus Area	Existing
No file uploaded.	

#### 4.2 – Library as a Learning Resource

##### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
NewGenLib	Fully	3.1.1	2008

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	22443	8049304	11	4020	22454
Reference Books	3263	5302029	48	33693	3311	5335722
e-Books	313500	6000	Nill	Nill	313500	6000
Journals	59	108392	58	106585	117	214977
e-Journals	6237	5750	Nill	Nill	6237	5750
CD & Video	3059	Nill	Nill	Nill	3059	Nill
Others(s pecify)	4101	376183	9	310	4110	376493
Others(s pecify)	304	40560	Nill	Nill	304	40560

[View File](#)

##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
0	0	0	Nill

No file uploaded.

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	630	15	2	1	2	17	10	50	0
Added	0	0	0	0	0	0	0	0	0
Total	630	15	2	1	2	17	10	50	0

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

#### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
0	<a href="#">0</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
252	251.4	38.5	38.08

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The institution has well defined academic administration resource utilization main mechanism. It has a provision of dedicated 'Chidakas'-maintenance cell with well trained staff ETRP's. for: IT, Inter/Intranet, WiFi and lane cable, Civil furniture fixture and Instrument. The managing trust has created centralized digital process for maintenance utilization of Infrastructure and all other required facilities. Housekeeping: A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping. Laboratories: laboratory has one teacher as lab-in-charge, a Lab-Assistant and for maintaining-upgrading the laboratory equipment along with maintaining deadstock- register and record of utilization. Library: Librarian with supporting staff maintains central library availability and utilization of instructional material in teaching and learning process. Sport complex/ground/equipments: Physical Instructor of the institute looks after the sports facilities, the activities, issue, repair, and procurement of new equipment. Electrical, Drinking water coolers, Lift etc.: Institute has employed technicians (electrician and plumber) for up keeping and maintenance of electrical and water drinking facility. Institute has also appointed housekeeping staff to maintain the gardens. CCTV in-charge does the CCTV surveillance. External agency is given contract for security. Security staff including ladies guards under a security supervisor is employed to safe guard the whole premises.

<http://vsc.edu.in/learning-resources-physical-infrastructure.pdf>

#### CRITERION V – STUDENT SUPPORT AND PROGRESSION

##### 5.1 – Student Support

##### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Sarvoday Kelavani Samaj, Rajkot	18	228450
Financial Support from Other Sources			
a) National	Digital Gujarat MYSY	274	0
b) International	NSP Inspire	17	0

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language Lab	01/02/2020	3	SCOPE (Society of Creation of Opportunities through Proficiency in English)
Language Lab	01/09/2019	286	SCOPE (Society of Creation of Opportunities through Proficiency in English)
Finishing School - Life Skills	04/03/2020	45	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT
Finishing School - Employability Skill	02/12/2019	86	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT
Finishing School - Life Skills	25/11/2019	41	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT

[View File](#)

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Quantitative aptitude and logical reasoning for government and bank exam	2	2	Nil	Nil

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
R P Pharma, Rajkot	1	1	Cadila Pharma, Ahmedabad	3	3
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	40	B.Sc.	Chemistry	Atmiya University	Shri M and N Virani Science College
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	Nil
SET	Nil
SLET	Nil
GATE	Nil
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
Any Other	2
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Inter college swimming tournament	inter college	89
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	REPUBLIC DAY CAMP - NEW DELHI	National	Nil	1	GUJ/18/S W/A/306658	DRASHTI PANSURIYA

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Alumni Representation Students can play important role in alumni commit Bos), placement, financial aid to poor students etc. Class Representatives All programs have classwise/yearwise class representative student who directly reports to class coordinator teacher for addressing teaching and learning progress. Cultural and Sports Committees Students have strong representations in all cultural and sports and games committees and help in organization and management of events. Hostel and Mess Administration Students play a vital role in the administration and management of hostel and mess affairs. Organization of Special Events Students organize, and celebrate various days like the National Teachers Day, Independence Day, Republic Day, Science Day, Swachhata Divas, National Flag Day and various NSS/NCC and social service activities.. Weekly Spiritual Assembly Student who are inclined towards spiritual upliftment are motivated to attend weekly spiritual assembly. The activities carried out in weekly spiritual assembly enhance their harmony at all four levels: Self, Family, Society Universe. The activities also improve communication skills, management skills, leadership skills, team-work, time-management, resource management skills and builds confidence in each student.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralization and participative management in the institute is carried out by developing unique organizational structure and enabling structure well documented in a pictorial chart form. The Principal with the help of various

sections like admin office, the IQAC, various Committee, Cells/ Forums. The Principal allots duties and responsibilities to these bodies for effective administration. The IQAC is an advisory committee that helps the Principal in his academic and administrative functions. The College grooms the leadership at all levels of administration, among teaching, non- teaching staff and the students. Based on seniority cum expertise, staff members are made as chairpersons / conveners of committee, forums, seminars, workshops and extension activities. The Controller of examinations also has operational autonomy in respect of examinations.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Human Resource Management	Recruitment of staff is on merit and competency basis, staff enrichment programs for teaching and non- teaching staff, performance appraisal by the staff, appraisal by the students of the staff, model teaching by the senior staff, recruitment of the staff on consolidated payment in the government posts that are not filled so far are planned and executed. Staff welfare schemes and incentives are part of HRM.
Admission of Students	The Admission process of the institution is as per the norms regulations of affiliating University and the state government. The college follows reservation policy of state government. The process of admission is fully computerized. On-line admission forms for PG Programmes are available on college website. The institution advertises the same in news papers on website. Systematic pre-admission counselling for prospective students and parents is made department wise by the faculty members before and during the process of admission of the college. The admission committee ensures full transparency by daily updates, publication of important notices and merit lists.
Industry Interaction / Collaboration	Being a science college offering UG - PG - Research programs in interdisciplinary / applied / professional subjects, the management has always emphasized the need for having institution - industry interface to accomplish skill based training and industrial exposure. The college has a good industry-institute partnership policy which caters to this issue the

prospective employers are on the board of studies to address the gap between Academia-Industries. Emphasis on industrial visits/ work/ training as well as special lectures by alumni, industrialists and entrepreneurs emphasis the motivation towards entrepreneurship.

Library, ICT and Physical Infrastructure / Instrumentation

In the institution of science, the basic requirements are of laboratory facilities, equipments of relevance, updated library and resources, latest ICT facilities and networking, apart from learning spaces. The concept and practice of an institutional library has undergone a paradigm shift in the 21st Century, with the advent of electronics, computer applications and ICT. ICT enabled digitalized library with e books and journals, e information retrieval, classification, Universal / global networking, ICT tools have reduced the required days of reference to seconds. The institution realizes the importance of ICT as teaching - learning tool as well as service tool.

Research and Development

The Research Promotion Committee and Research Commons of the Institute persuades and inspires its teachers to take up research projects and to cultivate a philosophy of research among the students and the staff. The committee provides help to plan and prepare proposals. The committee is also involved in synchronizing and facilitating research activities carried out by the members of the faculty by providing access to significant information regarding, inter alias, funding agencies. The college has proactive Research Promotion Committee to strengthen research facilities and outcome. The committee recommends active participation of faculty member in various level seminar/conference, summer/winter school etc.

Examination and Evaluation

The conduct of examinations and declaration of results is one of the important activities of Autonomous Institute. The functioning of the CoE undergoes according to the Academic Calendar. The examination system of the college is fair, efficient, reliable and transparent and follows the rules and regulations given as per UGG



	<p>guidelines for Autonomous College. The Office of CoE strives hard towards these goals to achieve credibility. The institute has taken several initiatives to ensure better standards and improve precision, efficiency and transparency in the various steps involved in the examination and evaluation process.</p>
Teaching and Learning	<p>To promote value-based quality science education provide technology based education in order to promote global competency and to stand at par with world class institutes bridge the gap between the world of study and the world of work through experiential learning. To provide ICT enabled teaching learning Interactive teaching learning Programmes that enfold social, humanitarian and environmental dimensions leading to holistic development.</p>
Curriculum Development	<p>The curriculum of PG courses is upgraded once in 3 years and UG courses are upgraded once in 5 years by the parent university. Senior teachers are involved in framing of Regulations and designing of Syllabi as members of BOS, BOE and Senate. Teachers have participated in curriculum development / workshops especially on Outcome Based Education (OBE), Assessment Tools and subject syllabi revision.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Examination	<p>DIGITIZATION OF EXAMINATION PROCESS</p> <ul style="list-style-type: none"> <li>o Marks entry of all CIE components in software by teacher handling course.</li> <li>o Hall Ticket Generation</li> <li>o Appointment of examiners, Question Paper (QP) Submission is digitalized. ? Create Send Appointment letters of Paper setter in registered email-ID by software. Paper setter can accept invitation online and upload Question Paper in Software. After successfully submission of Question Paper Software sends Acknowledgement Receipt automatically in registered email-ID. ? Create Send Appointment letters of Practical Examination, Central Valuation, Revaluation and Moderation in registered email-ID by software. Examiners accept invitation online.</li> <li>o Barcoding Decoding of Answer books</li> <li>o SEE Theory Practical Marks Entry</li> <li>o Declaration of web result</li> <li>o Online</li> </ul>

application for Reassessment o Online Application for Supplementary Examination o Student Result Summary (History) o Student Exam Summary (History) ? 100 confidentiality and secrecy is maintained in printing and distribution of Question Paper.

**Examination**

A Management Information System or MIS is a central data repository capable of not only gathering, organizing, and storing student data but also processing and analyzing it and generating various reports from it. This is MIS in a broader sense. We are using CMS (Campus Management System ) to monitors the performance of education programs offered by the institute and manages the distribution and allocation of educational resources. It manages, plans, and strategize to implement work processes to execute the education system smoothly. Student behaviour can be largely tracked through the CMS. CMS stores crucial student data such as personal data, exam records, and even hostel and library details. Additionally, it keeps track of the dayto- day progress of students. For Instance, the system can suggest the regions that attract the majority of students, the gender ratio, mode of registration (social media/website) which could help the institution further optimize online admission campaigns. These insights can be eventually used to analyze and monitor the improvements. Main Module: (1) Admission (2) Academic (3) Exam (4) Finance Account (5) Hr Payroll (6) Alumni (7) Procurement Inventory (8) Hostel Management.

**Administration**

A Management Information System or MIS is a central data repository capable of not only gathering, organizing, and storing student data but also processing and analyzing it and generating various reports from it. This is MIS in a broader sense. We are using CMS (Campus Management System ) to monitors the performance of education programs offered by the institute and manages the distribution and allocation of educational resources. It manages, plans, and strategize to implement work processes to execute the education system

smoothly. Student behaviour can be largely tracked through the CMS. CMS stores crucial student data such as personal data, exam records, and even hostel and library details. Additionally, it keeps track of the dayto- day progress of students. For Instance, the system can suggest the regions that attract the majority of students, the gender ratio, mode of registration (social media/website) which could help the institution further optimize online admission campaigns. These insights can be eventually used to analyze and monitor the improvements. Main Module: (1) Admission (2) Academic (3) Exam (4) Finance Account (5) Hr Payroll (6) Alumni (7) Procurement Inventory (8) Hostel Management.

Finance and Accounts

A Management Information System or MIS is a central data repository capable of not only gathering, organizing, and storing student data but also processing and analyzing it and generating various reports from it. This is MIS in a broader sense. We are using CMS (Campus Management System ) to monitors the performance of education programs offered by the institute and manages the distribution and allocation of educational resources. It manages, plans, and strategize to implement work processes to execute the education system smoothly. Student behaviour can be largely tracked through the CMS. CMS stores crucial student data such as personal data, exam records, and even hostel and library details. Additionally, it keeps track of the dayto- day progress of students. For Instance, the system can suggest the regions that attract the majority of students, the gender ratio, mode of registration (social media/website) which could help the institution further optimize online admission campaigns. These insights can be eventually used to analyze and monitor the improvements. Main Module: (1) Admission (2) Academic (3) Exam (4) Finance Account (5) Hr Payroll (6) Alumni (7) Procurement Inventory (8) Hostel Management.

Student Admission and Support

A Management Information System or MIS is a central data repository

capable of not only gathering, organizing, and storing student data but also processing and analyzing it and generating various reports from it. This is MIS in a broader sense. We are using CMS (Campus Management System ) to monitors the performance of education programs offered by the institute and manages the distribution and allocation of educational resources. It manages, plans, and strategize to implement work processes to execute the education system smoothly. Student behaviour can be largely tracked through the CMS. CMS stores crucial student data such as personal data, exam records, and even hostel and library details. Additionally, it keeps track of the dayto- day progress of students. For Instance, the system can suggest the regions that attract the majority of students, the gender ratio, mode of registration (social media/website) which could help the institution further optimize online admission campaigns. These insights can be eventually used to analyze and monitor the improvements. Main Module: (1) Admission (2) Academic (3) Exam (4) Finance Account (5) Hr Payroll (6) Alumni (7) Procurement Inventory (8) Hostel Management.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. N. D. Pandhi and Dr. P. G. Bhandari	Bisag	Bisag	2250
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Nil	Nil	Nil	Nil	Nil	Nil

No file uploaded.

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
24th rashtriya sammelan at Amarkantak	4	18/10/2019	20/10/2019	3
advanced level FDP on vikalp and adhyayan bindu at sokhda	80	17/11/2019	24/11/2019	8
participate in 8th international conference of UHV in IIT BHU	1	01/03/2019	03/03/2019	3
seminar on humanization of education at AGI	260	02/04/2019	02/04/2019	1
AICTE sponsored FDP on UHV at AGI	51	03/06/2019	05/06/2019	3
AICTE sponsored FDP on UHV at AGI	48	10/06/2019	12/06/2019	3
FDP on Jeevan Vidya at Nikora	65	29/09/2019	02/10/2019	8
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
8	Nil	3	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Loans Advances</li> <li>• Leaves- Marriage, Maternity, Advance, Sabbatical</li> <li>• Educational loans</li> <li>• Bachelors quarters</li> <li>• Admission priority/ reservation</li> <li>• Free health check up</li> <li>• Sponsorships</li> </ul>	<ul style="list-style-type: none"> <li>• Loans Advances</li> <li>• Leaves- Marriage, Maternity, Advance, Sabbatical</li> <li>• Educational loans</li> <li>• Admission priority/ reservation</li> <li>• Free health check up</li> <li>• Consultancy share</li> <li>• Credit Cooperative</li> </ul>	<ul style="list-style-type: none"> <li>• Vocational courses</li> <li>• NaMo e-Tab scheme of the State Government</li> <li>• Freeships Scholarship</li> <li>• Free Thalassemia testing</li> <li>• Educational loans</li> <li>• Free health check up</li> <li>• Health awareness program</li> <li>• Discounted Uniforms</li> </ul>

<ul style="list-style-type: none"> <li>• Consultancy share</li> <li>• Credit Cooperative</li> <li>• Society membership</li> <li>• Discounted Uniforms</li> <li>• Medical Service assistance/ Emergency care</li> <li>• Subsidised Mess/ Gym facility</li> </ul>	<ul style="list-style-type: none"> <li>• Society</li> <li>• Discounted/free Uniforms</li> <li>• Medical Service assistance/ Emergency care</li> <li>• Subsidised Mess/ Gym facility</li> <li>• Education progression.</li> </ul>	<ul style="list-style-type: none"> <li>• Medical Service assistance/ Emergency care</li> <li>• Subsidised Gym facility</li> <li>• Sponsorship free sports uniform</li> <li>• Cambridge University Certificate Program</li> <li>• -SCOPE</li> <li>• Earn while Learn</li> <li>• NAMO WiFi</li> <li>• SSIP</li> <li>• Finishing School</li> </ul>
---	--	---

#### 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. State government/AG office audit, internal managing trust audit, Commissionerate of Higher Education audit, affiliating Saurashtra University audit Internal audit is conducted half yearly by the internal financial committee of the institution. External audit is conducted once in every year by external members. The mechanisms used to monitor effective and efficient use of financial resources are as below:

- Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management.
- College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses.
- The expenses will be monitored by the accounts department as per the budget allocated by the management.
- The depreciation costs of various things purchased in the preceding years are also worked out.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Null	0	0
No file uploaded.		

6.4.3 – Total corpus fund generated

0
---

#### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	GSIRF(Gujarat State Institutional Rating Framework)	Yes	Internal Audit Committee
Administrative	Yes	GSIRF(Gujarat State Institutional Rating Framework)	Yes	Internal Audit Committee

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

(1) Orientation / Induction program at entry level (2) Department wise Parent-Mentor meetings - academic progress / attendance / co-curricular activities (3) Parent counseling and undertaking for NCC, NSS and extra-curricular activities

6.5.3 – Development programmes for support staff (at least three)

Demonstrative Trainings/workshops: 1. Use of fire extinguisher 2. New menu / features added in digitalized CMS portal of the college 3. Use of online digital portals of Government and University 4. Minor instruments utilization and maintenance 5. Operation of paper recycling unit

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Implementation of UGC's Academic Autonomy Introduction of skill based vocational programs at UG level Participation in National Institutional Ranking Framework (NIRF) Gujarat State Institutional Rating Framework (GSIRF)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Implementation of OBE in PG programs	01/06/2019	01/01/2019	31/12/2020	114

[View File](#)

**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women empowerment program on the occasion of International Womens Day	08/03/2019	08/03/2019	217	160

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Percentage of power requirement of the institute met by the renewable energy sources 30 percentage of electricity requirement of the college is made available by roof top solar power.

## 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Rest Rooms	Yes	2

## 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	15/01/2019	5	ICAR sponsored three residential workshops (five days) for farmers of the region for the promotion of Cow based zero budget agriculture natural farming under the aegis of Dindayal Upadhyay Unnat Krushi Yojna	Soil health and productivity	90
<a href="#">View File</a>							

## 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
-	Nil	-

## 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
participate in 8th international conference of UHV in IIT BHU	01/03/2019	03/03/2019	1



seminar on humanization of education at AGI	02/04/2019	02/04/2019	260
AICTE sponsored FDP on UHV at AGI	03/06/2019	05/06/2019	51
AICTE sponsored FDP on UHV at AGI	10/06/2019	12/06/2019	48
FDP on Jeevan Vidya at Nikora	25/09/2019	02/10/2019	65
24th rashtriya sammelan at Amarkantak	18/10/2019	20/10/2019	4
advanced level FDP on vikalp and adhyayan bindu at sokhda	17/11/2019	24/11/2019	80
<a href="#">View File</a>			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The institution gives emphasis to the protection of environment and ecology. Environmental Protection works out the activities of the institution to protect environment, paper recycling unit, rain water harvesting, solar power, AHU, wet scrubber, partial digitalization, fully automated library, create an eco friendly campus, purchase equipments with 5 star ratings to save energy, need for rain water harvesting, usage of energy saving illumination systems, concept of wealth from wastes, soil analysis Environmental Audit Monitoring of Schedule-I industries allotted by GPCB, Gandhinagar.

## 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**Practice 1: Institutional Repository using D Space Context:** The Open access movement was started world over by different developed countries to support the developing countries. In this movement all the institutes were urged to make their Institutional repository available in the Open Access for better and increased use. Process: Dspace-software to build Institutional repositories used world over and developed by MIT, USA Hp Labs is a open source software. Training was attended by the team members of how to implement the same and then with the help of the Computer faculty was installed and was decided to forma Institutional-Repository of Faculty Publications, Student Publications, Project reports Seminar Reports of the students. **Practice 2: Digitalization of CoE**  
**Goal: To digitalize CoE** Process: Digitization of examination-process: Marks entry of all CIE components in software by teacher handling course, Hall Ticket Generation, Appointment of examiners, Question Paper (QP) Submission is digitalized. Create Send Appointment letters of Paper setter in registered email-ID by software. Paper setter can accept invitation online and upload Question Paper in Software. After successfully submission of Question Paper Software sends Acknowledgement Receipt automatically in registered email-ID.  
 Barcoding-Decoding of Answer-books, Declaration of web-result, Online application for Reassessment/Supplementary Examination

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://vsc.edu.in/best-practices.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Our institute organizes regular inspirational talks of various saints. Annual International Youth Convention is being organized by Yogi Divine Society. The institute also organises Shibirs like Women Youth Convention. Besides this, every week we have regular spiritual assemblies as per the setting of the timetable, where we discuss about the moral values and Indian Culture. The restoration of this spirit and its practice in the field of education at all levels is the pressing need of the hour. The institute believes in GURU SHISHYA PARAMPARA since it has nurtured a dream of moulding the future citizens of our motherland by equipping them with the latest and the best knowledge in the ambience of GURUKUL. The institute is evolving an effective and universally acceptable methodology for introducing Value Education in the present curricula of technical and professional institutes. Thus, it is in response to a long felt and urgent need to integrate value education with technical and professional skills in the present-day education system. This involves discovery of the inherent harmony and co-existence in Existence through Self Exploration. The right understanding forms the basis of Universal Human Values and facilitates transformation toward a holistic worldview or the 'Human Consciousness'

Provide the weblink of the institution

<http://vsc.edu.in/universal-human-value-education-cell.pdf>

### 8.Future Plans of Actions for Next Academic Year

- To organise National level seminar/symposium/workshops.
- To give more numbers of UG students project of Interdisciplinary/multidisciplinary nature.
- To organise FDP's/ Training program.
- To encourage faculties for major and minor sponsored research projects.
- To upgrade facilities for Central Chemical Instrumentation.
- To enrich library Learning resources.
- To increase number of linkage/ collaboration/MoU's with industries/ academic institute/ organisations (GOs/NGOs).
- To take up efforts to make campus cleaner greener.
- To make efforts for development of consciousness for Values Education.
- To prepare and submit data for NIRF, GSIRF AISHE.
- To submit proposal for financial support from Gujarat Government for Student Start Up Innovation Project (college has nominated co-ordinator for SSIP to Knowledge Consortium of Gujarat)