



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	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

2. Institutional Status																			
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. R. S. Tank																
Phone no/Alternate Phone no.			02812562681																
Mobile no.			9825114015																
Registered Email			rstank@vsc.edu.in																
Alternate Email			ravistank@gmail.com																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://vsc.edu.in/wp-content/uploads/bsk-pdf-manager/aqar-2017-18_14.pdf																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://vsc.edu.in/wp-content/uploads/2021/12/MNVSC-A-Academic-Calnder-2018-19.pdf																
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.28</td> <td>2014</td> <td>21-Feb-2014</td> <td>31-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.28	2014	21-Feb-2014	31-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	A	3.28	2014	21-Feb-2014	31-Dec-2021														
6. Date of Establishment of IQAC			06-Aug-2007																
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td colspan="3"> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries								
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Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries																	

IQAC		
International Workshop on Internationalization & Nanoparticles & Proteomics in Therapeutic Application	26-Nov-2018 2	150
National Symposium :	21-Feb-2019 1	481
FDP on Traditional to Transformative Education: Outcome based education	21-Jan-2019 3	111
Faculty Improvement program on Research Improvement	20-Dec-2018 1	35
FDP on All about Research Publication	13-Aug-2018 1	30
FDP on Basics of Good Laboratory Practice	19-Jul-2018 1	8
FDP on Introduction to Nanotechnology	18-Aug-2018 1	20
PG-N-BT-CBC GSBTM Crash Workshop for Phase I PG/M.Phil/ Research scholar/ Faculties [Competitive Exam Preparation]	02-Jun-2018 6	46
GSBTM 2nd Crash Workshop on Preparation of M.Sc Biotechnology & Applied Subject	27-Aug-2018 6	112
PG-N-BT-CBC GSBTM Crash Workshop for PG Students/ Research Scholar (Phase II)	01-Dec-2018 6	20
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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	DBT Star College Scheme	MST-DBT	2009 1825	36
Shri M. & N. Virani Science College	Potential for Excellence	UGC	2010 730	100
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
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
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	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	300000
Year	2014

12. Significant contributions made by IQAC during the current year(maximum five bullets)

- The IQAC have successfully conducted the visit of UGC Expert Committee for grant of extension of autonomous status to the college. The HoD council have prepared UGC proforma for the evaluation by the expert committee substantiated with authentic and verified document records. The IQAC have arranged for local hospitality and detailed schedule of the visit and procedures.
- Have successfully implemented various state government schemes like, NAMO eTab, NAMO WiFi, Finishing school and SSIP. Have successfully implemented academic calendar and announce the results of SEE followed by submission to parent affiliating Saurashtra University for awarding degree by the CoE office of the college.
- Have successfully made presentation before Saurashtra University authorities for getting equivalence and approval for vocational programs - B.Voc. programs under DDUKK. Procurement of new Instrument/Equipments/Books as per requirement of New CBCS curriculum under UGC's academic autonomy.
- Meetings of Statutory (GB/AC/RPB/BoS) and Non Statutory committees as per UGC Guidelines. Continuation of consultancy earnings GPCB Environmental Audit and Soil Health Card program of Gujarat State Government. Gujarat State Biotechnology Mission Sponsored Capacity

Building Program. • AISHE DCF, NIRF DCS, GSIRF data submission. Digitalization of all processes of CoE.

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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

Plan of Action	Achivements/Outcomes
• Organizing international workshop • Organizing national Symposium	Conducted successfully
The AY 201819 is being special as it is the golden jubilee year of the college. Activities aiming at holistic development of stakeholders have been planned and executed. Besides general learning experiences, learning of all stakeholders happened through • 55 events conducted • Broadly under 4 categories containing 7 subcategories. The categories and sub categories were: A. Capacity Building I. Faculty members II. Support staff B. Student Initiatives I. Academic trainings II. Academic presentations III. Competitions C. Outreach Social Activities D. Exhibitions General activities I. Exhibitions II. Celebrations	All the planned activities have been successfully accomplished throughout the year with desired outcome. A booklet of the activities along with outcome and photographs have been published. The celebration was concluded by grand Alumni meet on 24/02/2019.
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Management	19-Nov-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

02-May-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2018

Date of Submission

31-Dec-2018

17. Does the Institution have Management Information System ?	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 day-to-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.</p>

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	16U	BT	05/05/2018
BSc	16U	IC	05/05/2018
BSc	16U	IT	05/05/2018
BSc	16U	CH	05/05/2018
BSc	16U	MB	05/05/2018

BSc	16U	MT	05/05/2018
BSc	16U	BC	05/05/2018
MSc	16P	BT	05/05/2018
MSc	16P	MB	05/05/2018
MSc	16P	IC	05/05/2018
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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	22/04/2016	16UICCC101	22/04/2016
BSc	IC	22/04/2016	16UICCC102	22/04/2016
BSc	IC	22/04/2016	16UICCC202	22/04/2016
BSc	IC	22/04/2016	16UICCC201	22/04/2016
BSc	IC	22/04/2016	16UICCC301	22/04/2016
BSc	IC	22/04/2016	16UICCC302	22/04/2016
BSc	IC	22/04/2016	16UICCC303	22/04/2016
BSc	IC	22/04/2016	16UICCC401	22/04/2016
BSc	IC	22/04/2016	16UICCC402	22/04/2016
BSc	IC	22/04/2016	16UICCC403	22/04/2016
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	CT	27/05/2017
BVoc	AC	27/05/2017
BVoc	ML	27/05/2017
BSc	BC	05/05/2018
BSc	MT	05/05/2018
BSc	MB	05/05/2018
BSc	CH	05/05/2018
BSc	IT	05/05/2018
BSc	IC	05/05/2018
BSc	BT	05/05/2018
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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	BT	05/05/2018

BSc	IC	05/05/2018
BSc	IT	05/05/2018
BCA	CA	05/05/2018
BVoc	ML	05/05/2018
BVoc	AC	05/05/2018
BVoc	CT	05/05/2018
BVoc	PA	05/05/2018
Integrated(UG)	IMB	05/05/2018
Integrated(UG)	IMT	05/05/2018
Integrated(UG)	ICH	05/05/2018
MSc	BT	05/05/2018
MSc	MB	05/05/2018
MSc	IC	05/05/2018
MSc	IT	05/05/2018
MSc	PO	05/05/2018
MSc	CH	05/05/2018
MSc	MT	05/05/2018
BSc	CH	05/05/2018
MVoc	CT	05/05/2018
MVoc	PAQA	05/05/2018
BSc	MB	05/05/2018
BSc	MT	05/05/2018
BSc	BC	05/05/2018

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	22/04/2016	23
E-learning tools	22/04/2016	9
Desktop Data Publishing	22/04/2016	5
Mushroom Cultivation	22/04/2016	8
Wealth from Waste	22/04/2016	27
Financial Literacy Taxation	22/04/2016	78
Vedic mathematics	22/04/2016	45
Food Adulteration	22/04/2016	29
Repair Maintenance of House hold Appliances	22/04/2016	4
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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	556
Integrated (UG)	All	127
MSc	All	258
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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
<p>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.</p>

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	270	59
BSc	Chemistry	60	656	59
BSc	Mathematics	60	211	60
BSc	Microbiology	60	669	58
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers
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	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2018	240	Nil	70	41	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
111	111	712	50	3	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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
2338	111	1:21

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
111	111	25	11	42

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
2018	Dr. Mousumi Das	Assistant Professor	Recognition for completion of Sakura Exchange

			Programme in Science A Japan-Asia Youth Exchange Programme in Science titled "Japanese Support system to inspire encourage young women researchers in medical sciences for better health QoL in India" ,
2018	Dr. Satishkumar D. Tala	Assistant Professor	Prominent Faculty Award-2018
2018	Dr. Pratik A. Ambasana	Assistant Professor	Prominent Faculty Award-2018
2018	Dr. Anilkumar S. Patel	Assistant Professor	Prominent Faculty Award-2018
2018	Dr. Mahesh M. Savant	Assistant Professor	Prominent Faculty Award-2018
2018	Dr. Pankajkumar B. Nariya	Assistant Professor	National Award for Best research Article
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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
BSc	16UCH	VI	20/04/2019	10/05/2019
BSc	16UIT	VI	16/04/2019	10/05/2019
BSc	16UMB	VI	16/04/2019	10/05/2019
BSc	16UBT	VI	20/04/2019	10/05/2019
BSc	16UIC	VI	20/04/2019	10/05/2019
BSc	16UMT	VI	20/04/2019	10/05/2019
BSc	16UBC	VI	16/04/2019	10/05/2019
MSc	16PIT	IV	05/04/2019	27/05/2019
MSc	16PMB	IV	15/04/2019	27/05/2019
MSc	16PBT	IV	15/04/2020	27/05/2019
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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
Nill	1103	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)

[NA](#)

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
16PBT	MSc	Biotechnology	24	24	100.00
16PMB	MSc	Microbiology	56	55	98.21
16PIT	MSc	Information Technology & Computer Application	29	29	100.00
16UBC	BSc	Biochemistry	49	48	97.96
16UMT	BSc	Mathematics	53	49	90.74
16UIC	BSc	Industrial Chemistry	91	74	81.32
16UBT	BSc	Biotechnology	100	97	97.00
16UMB	BSc	Microbiology	40	40	100.00
16UIT	BSc	Information Technology	94	83	98.30
16UCH	BSc	Chemistry	53	52	98.11

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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/>

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

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

Type	Name of the teacher	Name of the award	Date of award	Awarding agency
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	awarded the fellowship			
International	Dr. Mousumi Das	Recognition for completion of Sakura Exchange Programme in Science A Japan-Asia Youth Exchange Programme in Science titled "Japanese Support system to inspire encourage young women researchers in medical sciences for better health QQL in India" ,	16/10/2018	JST University of Miyazaki, Japan
National	Dr. Satishkumar D. Tala	Prominent Faculty Award-2018	23/02/2019	Sarvoday Kelavani Samaj
National	Dr. Pratik A. Ambasana	Prominent Faculty Award-2018	23/02/2019	Sarvoday Kelavani Samaj
National	Dr. Anilkumar S. Patel	Prominent Faculty Award-2018	23/02/2019	Sarvoday Kelavani Samaj
National	Dr. Mahesh M. Savant	Prominent Faculty Award-2018	23/02/2019	Sarvoday Kelavani Samaj
International	Dr. Satishkumar D. Tala	Best oral Presentation in NCRIS-2019	18/01/2019	RK University
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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	3764000
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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
Workshop on IPR: Practical Approach and current trend in Patenting	Biotechnology	07/12/2018
A One Day State Level Hands-on Workshop on Advanced Analytical Techniques for Materials Characterization (A2TMC-2018) on 23.12.2018	Industrial Chemistry	23/12/2018
FDP on All about Research Publication (Dr. Datta Madamvar)	Microbiology	13/08/2018
FDP on e-Resource and Research Access tools (Science Direct - Mr. Anurag, Mr. Somshekher, Mr. Arun Dixit)	Microbiology	08/12/2018
Review Article Writing in Mathematics	Mathematics	05/07/2018
International Workshop on Internationalization Nanoparticles Proteomics in Therapeutic Application	Biotechnology	26/11/2018
Workshop on "Advance Molecular Techniques"	Biotechnology	06/12/2018
National Level Seminar on "Innovative Approaches in Plant Tissue Culture"	Biotechnology	21/02/2019
Hands on Training in Instrumental Analysis	Chemistry	23/08/2018
Online Patent Searching and Overview of IPR Tools	Chemistry	02/03/2018
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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
Medical Science	Dr.Mousumi Das	JST University of Miyazaki, Japan	16/10/2018	International
Research	Dr. Satishkumar D. Tala	Sarvoday Kelavani Samaj	23/02/2019	National
Research	Dr. Pratik A. Ambasana	Sarvoday Kelavani Samaj	23/02/2019	National
Research	Dr. Anilkumar S. Patel	Sarvoday Kelavani Samaj	23/02/2019	National

Research	Dr. Mahesh M. Savant	Sarvoday Kelavani Samaj	23/02/2019	National
Research	Dr. Satishkumar D. Tala	RK University	18/01/2019	International
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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	NA	NA	NA	NA	Nil
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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	1
Industrial Chemistry	1
Microbiology	1
Biotechnology	1
Mathematics	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	1	3
International	Microbiology	2	3
International	Biochemistry	2	3
International	Mathematics	1	3
International	Computer Science IT	1	3
International	Chemistry	19	5
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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	19
Biochemistry	2
Microbiology	2
Computer Science IT	10
Mathematics	10
Industrial Chemistry	3
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
0	Nil	0	Nil
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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
Variability of fractal dimension of solar radio flux	Bhatt, Hitaishi Sharma, Som Kumar Trivedi, Rupal Vats, Hari Om	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018	2	Shree M N Virani Science College, Rajkot	2
Facile synthesis of highly functionalized novel pyrazolopyridones using oxoketene dithioacetal and their anti-HIV activity	Savant, Mahesh M. Ladva, Kartik D. Pandit, Archana B.	SYNTHETIC COMMUNICATIONS	2018	3	Shree M N Virani Science College, Rajkot	3
An Efficient One-Pot Synthesis of Highly Substituted Pyridone Derivatives and Their Anti microbial and Antifungal Activity	Pandit, Archana B. Savant, Mahesh M. Ladva, Kartik D.	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	3	Shree M N Virani Science College, Rajkot	3
Isolation, characterization and exploring biotechnological potential	Singh, Aparna Singh, Anil Kumar	3 BIOTECH	2018	7	Shree M N Virani Science College, Rajkot	7

of halophilic archaea from salterns of western India						
Characterization and partial purification of an anti bacterial agent from halophilic actinomyces Kocuria sp. strain rsk4	Kumar, Ravi Ranjan Jadeja, Vasantba J.	BIOIMPACTS	2018	9	Shree M N Virani Science College, Rajkot	9
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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
Characterization and partial purification of an anti bacterial agent from halophilic actinomyces Kocuria sp. strain rsk4	Kumar, Ravi Ranjan Jadeja, Vasantba J.	BIOIMPACTS	2018	3	9	Shree M N Virani Science College, Rajkot
Isolation, characterization and exploring biotechnological potential of halophilic archaea from salterns of western	Singh, Aparna Singh, Anil Kumar	3 BIOTECH	2018	3	7	Shree M N Virani Science College, Rajkot

India						
An Efficient One-Pot Synthesis of Highly Substituted Pyridone Derivatives and Their Anti microbial and Antifungal Activity	Pandit, Archana B. Savant, Mahesh M. Ladva, Kartik D.	JOURNAL OF HETEROCYCLIC CHEMISTRY	2018	3	3	Shree M N Virani Science College, Rajkot
Facile synthesis of highly functionalized novel pyrazolopyridones using oxoketene dithioacetal and their anti-HIV activity	Savant, Mahesh M. Ladva, Kartik D. Pandit, Archana B.	SYNTHETIC COMMUNICATIONS	2018	3	3	Shree M N Virani Science College, Rajkot
Variability of fractal dimension of solar radio flux	Bhatt, Hitaishi Sharma, Som Kumar Trivedi, Rupal Vats, Hari Om	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018	3	2	Shree M N Virani Science College, Rajkot
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	2	3	7	18
Presented papers	5	2	Nill	Nill
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Chemistry	Analytical Synthetic Service	SKS	157000

Environmental Audit Cell	Environmental Audit Monitoring (Schedule-1) Audit	GPCB	2951000
No file uploaded.			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
0	0	0	0	0
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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
Sujalam Sukhlam Yojana	NSS	3	14
Tree Plantation at vaghudad	NSS	2	38
Safai Abhiyan Plastic Compaign	NSS	4	90
Introduction of NSS to freshers -sem 1 students	NSS	5	120
UHV class-Sem 3	NSS	2	120
ENVIRONMENT AWRENESS - SAVE THE ENVIRONMENT	NCC	4	215
TRAFFIC CONTROL RULES AND REGULATION	NCC	5	144
TREE PLNTATION AT NEW RACE COURSE	NCC	3	145
TREE PLANTATION - NEAR BY HOME	NCC	5	205
INTERNATIONAL YOGA DAY	NCC	3	197
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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	Government of Gujarat	412

	Directorate of Sainik Welfare Resettlement, Gujarat State		
Adopted Village Vagudad - Social Activity	Adopted village	Gram Panchayat	35
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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	Tree Plantation at vaghudad	2	38
NSS	NSS	Safai Abhiyan Plastic Campaign	4	90
NSS	NSS	matdan jagruti Abhiyaan	3	89
NSS	NSS	Blood Donation Camp	3	94
NSS	NSS	Prabhat Feri and Swachhta Abhiyan	2	28
NCC	NCC	ENVIRONMENT AWARENESS - SAVE THE ENVIRONMENT	4	215
NCC	NCC	TRAFFIC CONTROL RULES AND REGULATION	5	144
NCC	NCC	CLEANLINESS DRIVE	3	210
NCC	NCC	HIV-AIDS AWARENESS	4	90
NCC	NCC	WOW BUS AWARENESS ON RURAL DEVELOPMENT	3	75
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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
Recognition for completion of Sakura Exchange Programme in	Dr. Mousumi Das	Sarvodaya Kelavani Samaj, Rajkot	10

Science A Japan-Asia Youth Exchange Programme in Science titled "Japanese Support system to inspire encourage young women researchers in medical sciences for better health QOL in India" ,			
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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

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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
NeuGen	23/02/2019	Placement and Training	2
Infinity	23/02/2019	Placement and Training	3
Cadila	23/02/2019	Placement and Training	3
SSIP, Govt. of Gujarat	24/12/2018	Training	2

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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
35	35.24

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
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 patially)	Version	Year of automation
NewGenLib	Fully	3.1.1	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	22196	7849993	247	199311	22443	8049304
Reference Books	3117	5223666	146	78363	3263	5302029
e-Books	97000	5750	3038000	6000	3135000	11750
Journals	77	176754	59	108392	136	285146
e-Books	6013	5750	224	6000	6237	11750
CD & Video	3020	Nill	39	Nill	3059	Nill
Others(s pecify)	4101	376183	49	18973	4150	395156
Others(s pecify)	304	40560	Nill	Nill	304	40560
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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
NA	NA	NA	Nill
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
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	Computers	Lab		Centers	Centers		Antennas	Bandwidth (MBPS/GBPS)	
Existing	630	15	2	1	2	17	10	50	0
Added	51	0	0	0	0	0	0	0	0
Total	681	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
ZERO	NA

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
548	547.36	16	15.93

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)

<p>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 dead-stock-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.</p> <p>http://vsc.edu.in/learning-resources-physical-infrastructure/</p>
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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
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Financial Support from institution	Sarvodaya Kelavani Samaj, Rajkot	82	817525
Financial Support from Other Sources			
a) National	Digital Gujarat MYSY	462	0
b) International	NSP Inspire	12	0
No file uploaded.			

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	01/02/2019	206	SCOPE (Society of Creation of Opportunities through Proficiency in English)
Language Lab	01/09/2018	1328	SCOPE (Society of Creation of Opportunities through Proficiency in English)
Finishing School - Life Skills	14/11/2018	85	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT
Finishing School - Employability Skill	26/11/2018	85	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT
Finishing School - English Func. Skills	26/11/2018	85	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT
Finishing School - English Func. Skills	10/10/2018	30	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT
Finishing School - English Func. Skills	27/11/2018	30	KNOWLEDGE CONSORTIUM OF GUJARAT, EDUCATION DEPARTMENT, GOVERNMENT OF GUJARAT

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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
2018	Quantitative aptitude and logical reasoning for government and bank exam	78	78	1	1

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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
Reliance Industries Ltd., Jamnagar	11	11	Tata Rallis Ltd.	6	6

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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
2018	55	B.Sc.	Chemistry	Shri M N Virani Science College	M.Sc.

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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
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Any Other	1
Any Other	1
Any Other	2
Any Other	1
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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	97
No file uploaded.		

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
2018	REPUBLIC DAY CAMP - NEW DELHI	National	Nill	1	GJ17SDA3 06741	VAGHELA JAYVIRISNH DHARMENDRA SINH
2018	THAL SENA CAMP - NEW DELHI	National	Nill	1	GJ17SWA3 06666	DHARMISH THA MAHESHBHAI VALA
2018	THAL SENA CAMP - NEW DELHI	National	Nill	1	GJ17SWA3 06722	ARTI DUR LABHJIBHAI SOLANKI
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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) :

100000

5.4.4 – Meetings/activities organized by Alumni Association :

1

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)

Decentralisation 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
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.
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.
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 UGC 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.
Curriculum Development	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.

Teaching and Learning

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.

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.

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.

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"> o Marks entry of all CIE components in software by teacher handling course. o Hall Ticket Generation o Appointment of examiners, Question Paper (QP) o Submission is digitalized. ? Create o 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. ? o Create Send Appointment letters of Practical Examination, Central Valuation, Revaluation and Moderation in registered email-ID by software. o Examiners accept invitation online. o Barcoding Decoding of Answer books o SEE Theory Practical Marks Entry o Declaration of web result o Online 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.
Planning and Development	<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 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 day-to-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)</p>

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 day-to-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 day-to-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 day-to-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
2018	Milan Ranchhodbhai Pipariya	SSIP	SSIP	5960
No file uploaded.				

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)
2018	NA	NA	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
23rd rashtriya sammelan of jeevan vidya at gujarat vidyapeeth, ahmedabad	6	15/11/2018	17/11/2018	3
8-days advanced jeevan vidya shivir at AGI	400	04/06/2018	11/06/2018	8
8-days residential jeevan vidya parichay shivir at MCVK, indore	20	10/05/2018	17/05/2018	8
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
11	Nil	4	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Loans Advances Leaves- Marriage, Maternity, Advance, Sabbatical Educational loans Admission priority/ reservation Free health check up Consultancy share Credit Cooperative Society Discounted/free Uniforms Medical Service assistance/ Emergency care Subsidised Mess/ Gym facility Education progression. 	<ul style="list-style-type: none"> Vocational courses NaMo e-Tab scheme of the State Government 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 NAMO WiFi SSIP Finishing School

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
-	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
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	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
2018	Implementation of new curriculum at 3rd year level for all UG Integrated programs	01/06/2018	01/01/2018	31/12/2020	111
2018	ICAR sponsored three residential workshops (five days) for farmers of the	01/06/2018	10/03/2018	14/03/2018	150

	region for the promotion of Cow based zero budget agriculture-natural farming under the aegis of Dindayal Upadhyay Unnat Krushi Yojna				
2018	Improvement and upgradation of digitalization CoE activities	01/06/2018	01/01/2017	31/12/2018	5
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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	08/03/2018	08/03/2018	369	178

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
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	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	advantages and disadvantages	and contribute to local community					
2018	1	1	10/03/2018	5	ICAR sponsored residential workshops for farmers of the region for the promotion of Cow based zero budget agriculture-natural farming under the aegis of DDU Krushi Yojna	Soil health and productivity	150
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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Chetna Vikas Mulya Shiksha	23/08/2018	Gujarati translation of book entitled Chetna Vikas Mulya Shiksha for standard 1 to 3 and distributed in primary schools. The translation was done by the coordinator of UHV cell of the college

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Student workshop	14/06/2018	16/06/2018	200
Adhyan Shibir	05/12/2018	15/12/2018	5

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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-

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 form a 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/>

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 time table, 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/>

8.Future Plans of Actions for Next Academic Year

- To implement OBE system at PG level from 2019-20
- To prepare academic calendar and implement academic and administrative activities.
- To conduct

meetings of various Statutory Non statutory committee meetings with ATR • To organise National level seminar/symposium/workshops and FDP's/ Training program.

- To implement or continue various Govt. schemes like SSIP, Finishing School etc.
- To give more numbers of UG students project of Interdisciplinary/multidisciplinary nature.
- To encourage faculties for research and consultancy and also for sponsored research projects.
- To upgrade facilities for Central Instrumentation and 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 and activities aiming at sustainable development.
- To prepare and submit data for survey/ranking rating i.e. AISHE, NIRF GSIRF.