



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	VITTHALBHAI PATEL & RAJRATNA P.T. PATEL SCIENCE COLLEGE
Name of the head of the Institution	Bhavesh Patel
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02692-230011
Mobile no.	9586442019
Registered Email	vprptpsc@vpsscience.org
Alternate Email	bhavesh1968@rediffmail.com
Address	Vitthalbhai Patel & Rajratna P T Patel Science College
City/Town	Vallabh Vidyanagar, Anand
State/UT	Gujarat
Pincode	388120

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Dr Nikunj Bhatt			
Phone no/Alternate Phone no.		02692230011			
Mobile no.		9825293238			
Registered Email		drnikunjhatt@vpscience.org			
Alternate Email		drnikunjhatt@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		http://www.vpscience.org/portfolio/AQAR/AQAR2016-17.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		http://www.vpscience.org/images/Calendar_2018.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	80.10	2007	31-Mar-2007	31-Mar-2013
2	A	3.12	2013	23-Mar-2013	23-Mar-2018
3	A	3.14	2020	14-Feb-2020	14-Feb-2025
6. Date of Establishment of IQAC			28-Feb-2008		
7. Internal Quality Assurance System					

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
Acculturation Programme for New faculty	01-Aug-2019 1	20
FDP	19-Nov-2019 3	12
Academic and Administrative Audit	18-Feb-2019 2	52
Syllabus Review Committees for all Subjects	11-Jun-2018 1	52
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8. Provide the list of funds 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
pls see attached file	0	pls see attached file	2019 0	0
View File				

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?

No

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

1, Preparation for NAAC 2, Academic and Administrative Audit by KCG [SLQAC] received A Grade with 3.28 CGPA 3, MoU with Holkar Science College, Indore. MP 4, Parents and Teachers feed back 5, Initiated Syllabus review committee 6, Exit meeting of Last semester students 7, Applied for NIRF, GSIRF and AISHE

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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
> Planning for NAAC and AAA re accreditation for third cycle, >NAAC sponsored Seminar >	> A grade by KCG [SLQAC] > Applied
View File	

14. Whether AQAR was placed before statutory body ?

No

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

Yes

Date of Visit

19-Feb-2019

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

23-Jan-2019

17. Does the Institution have Management Information System ?

No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Our college is an affiliated college hence; the curriculum is provided by the University and deployed as follows: The college time table committee plans the schedule for teaching process according to UGC and State Government Resolutions. Work allotments: The Heads of Departments allot teaching duties as per 16 hrs per teacher initially. In case the workload is more, then the responsibility is shared as per availability e in the department. Teachers have to maintain a teachers' diary and if on leave, the concerned faculty has to mention adjustment in the leave report. In some instances, where the government has sanctioned no posts, the management has generously appointed Ad Hoc teachers. For example, the departments of Industrial Chemistry, Mathematics & Statistics, and English Ad Hoc teachers have been appointed by the management. Academic Calendar: Academic Calendar is prepared according to the schedule provided by Sardar Patel University and the programs planned for the year.

Calendar is provided to each student, faculty and stakeholder for their information. The same is also uploaded on the institutional website. Teachers' dairy: All the teachers are provided a Teacher's Dairy for their teaching plans and the record of their co and extra-curricular activities. Deployment of Curriculum: Most of the teachers teach with the help of ICT facility along with the traditional method. In the semester I and II study materials are provided for easy familiarization of students in the college and later students are motivated to use our rich library. From the second year onwards learning is also done through seminar and presentations Our special book bank facility is very useful to students in which NAAC for Quality and Excellence in Higher Education students are allowed to use books for all two semesters with nominal wear & tear Charges.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Science	11/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	111	0

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
2	11/06/2018	24
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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	Industrial Chemistry	46
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes

Employers	
Alumni	
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>Feedback is obtained from Students is filled online through Google form by UG Students on their last examination day in the college each student has to login first, Feedback is received on varied aspects of the college including location, office, canteen, laboratory, library, administration and academics. The points are calculated according to the grades given by the students in various criteria. The grades are given as A, B, C, D, The Average and percentage of various criteria are calculated. on the basis of grades mentioned by the students feedback is summarized and and graphics are generated. Feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that are organised by each and every department of the college. Suggestions and comments given by the guardians are also taken into account for future development. same as Feedback is also collected from the teachers. The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed in GB of the college for necessary action. Strengths of the college are also taken into consideration for further up gradation.</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	Science	900	2001	909
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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 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
2018	909	0	67	0	67

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	Numberof smart classrooms	E-resources and techniques used
67	67	24	13	1	11

[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)

The college has since last several years practiced a system of mentoring called the Teacher-ward system, whereby a Teacher was provided to every ward to look after his/her academic and psychological well being and also monitor class attendance and performance. The same system has now been restructured and named Mentor system. Under the Mentor system, the full-time teachers of the college have been engaged as mentors of each class. Students of each class in the college are having a full-time teacher as their mentor. The classes, where there are huge numbers of students, have been assigned more than one mentor. At the beginning of the academic session, the class-wise names of the mentors are displayed on the college website. The mentors are responsible for academic progress and psychological wellbeing of their mentees. They are also entrusted with the task of monitoring the attendance and academic progress of the students. They also provide primary psychological counselling to those who need them and refer them for more professional counselling, if required. At the beginning of the academic session, the mentors conduct orientation programmes for the mentees, whereby they are acquainted with the institution, its goals and mission, the facilities available and the regulations of the affiliating university. The mentors maintain the biographic details of each individual mentee including educational background and socio-economic status. They also maintain record of their class attendance, class-performance and academic progress. The mentors use both formal and informal means of mentoring. The mentor system, apart from its formal part, also exists as a robust informal mechanism to boost inclusiveness, gender sensitivity and social responsibility of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1785	67	1:27

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
20	20	0	20	2

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 Nikunj Bhatt	IQAC / CIQA coordinator	IBC Most Telented Teacher
2018	Dr Nikunj Bhatt	IQAC / CIQA coordinator	"PEARL Foundation Most Innovative Technology Award in Teaching" from PEARL foundation, Madurai, Tamilnadu.
2018	Dr Nikunj Bhatt	IQAC / CIQA coordinator	Gujarat Science Academy Best Teacher in Biological Sciences
2018	Dr Bhavesh Patel	Principal	Gaurav Purakar by hands off District Collector
2018	Dr Nikunj Bhatt	IQAC / CIQA coordinator	Gaurav Purakar by hands off District Collector
2019	Dr Bhavesh Patel	Principal	Gaurav Purakar by

			hands off Amruta ben
2019	Dr Nikunj Bhatt	IQAC / CIQA coordinator	Gaurav Purakar by hands off Amruta ben
2019	Dr Charudutt Gurjar	Associate Professor	Gaurav Purakar by hands off Amruta ben
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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	BSc	Semester	20/04/2019	01/04/2019
BSc	BSc	Semester	03/10/2018	01/01/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college conducts one internal evaluation every semester for both theory and practicals. We used to have unit wise monthly assessments for semester V and VI students'. However due to paucity of adequate number of permanent teachers, it was very challenging to timely evaluate the papers. There for we started giving the students' assignments, unit wise presentation tasks, and seminars presentations tasks along with a traditional question papers as part of internal evaluation. And for first year students' assignments are given. Remedial coaching: Remedial classes are organized every week for each class in each paper. Teachers are conducting problem solving sessions in it, as well as re- explanations of difficult topics. Absentees are also called to attend the classes to cover the topics which they missed.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The committee consisting of Principal and ex officio of Academic calendar committee prepares the academic calendar well in advance before the commencement of the semester. The calendar outlines the semester class work schedule, internal examination schedule and external examination schedule, and other extracurricular schedules. This academic calendar distributed to each student and faculty members before the commencement of the semester. By and large we do follow the calendar and whatever minor changes occur are if examination schedule change by the university. Time table committee prepares the curriculum time table by keeping calendar in mind. Faculty members prepare and plan their lecture schedule according to the academic calendar.

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://www.vpscience.org/RAR_DOCS/261ProgOutcome.aspx

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
US06CABC01-06	BSc	Science	487	453	93.02
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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://www.vpscience.org/RAR_DOCS/SSSurvey.aspx

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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
Minor Projects	365	Sardar Patel University	50000	50000
Minor Projects	365	Sardar Patel University	57000	57000
Major Projects	1095	DST-SERB	1937636	1937636
Minor Projects	365	Sardar Patel University	72000	72000
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3.2 – Innovation Ecosystem

3.2.1 – 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
One day workshop on condensed matter Physics	Physics Department	13/08/2018
National Conference on medicinal Chemistry at the Interface of @1st Century: An Indian Perspective	Chemistry Department	28/01/2019

3.2.2 – 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
No Data Entered/Not Applicable !!!				
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3.2.3 – 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
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
3	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electronics	8	1.7
International	Biology	12	0
International	Industrial Chemistry	1	0
International	BCA	1	0

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

Department	Number of Publication
Electronics	4
Chemistry	5
Botany and Zoology	2
Physics	2

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3.3.5 – 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
No Data Entered/Not Applicable !!!						

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3.3.6 – 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
No Data Entered/Not Applicable !!!						

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
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Attended/Seminars/Workshops	0	28	1	0
Presented papers	2	17	0	0
Resource persons	1	1	4	1
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3.4 – Extension Activities

3.4.1 – 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
No Data Entered/Not Applicable !!!			
View File			

3.4.2 – 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
CATC CAMP, THAMNA	Master of Ceremony	NCC	1
CATC CAMP, THAMNA	BEST CADET COMPETITION BEST CADET COMPETITION	NCC	1
CATC CAMP, THAMNA	BEST CADET COMPETITION BEST CADET COMPETITION	NCC	1
CATC CAMP, THAMNA	BEST CADET COMPETITION	NCC	2
CATC CAMP, THAMNA	VOLLYBALL COMPETITION	NCC	1
NATIONAL INTEGRATION CAMP	Participation	NSS	2
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3.4.3 – 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
NSSScheme	ROTARY Club	Blood donation	3	150
NSSScheme	Gujarat University	NSS DAY CELEBRATION	3	2
NSSScheme	YHAI	Distribution of medicines of swine flu	1	2
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research collaboration	Dr. AparnaSastri	DST-SERB [15]	3
Research collaboration	Dr. ChetanLimbachiya	DST-SERB	3
View File			

3.5.2 – 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
No Data Entered/Not Applicable !!!					
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
GovT Holkar Science College	12/11/2018	Student activities	0
View File			

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
13017236.66	13017236.66

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

during the current year	
Classrooms with Wi-Fi OR LAN	Newly Added
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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
SOUL	Fully	2	2017

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!			
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	260	173	50	10	6	5	21	100	0
Added	0	0	0	0	0	0	0	0	0
Total	260	173	50	10	6	5	21	100	0

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

100 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
No Data Entered/Not Applicable !!!	

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
3461599.66	3461599.66	7979737	7979737

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, provide link)

The college ensures optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received the college as per the requirements in the interest of students. Laboratory: Record of maintenance account is maintained by lab technicians, Lab Assistant and supervised by HODs of the concerned departments. Maintenance of laboratories are as follows:- The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of AMC. Library:- 1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal. 2. Suggestion box is installed to take students' feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. 3. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. 4. Other issues such as weeding out of old titles, schedule of issue/return of books etc. are chalked out / resolved by the library committee. 5. software with KIOSK using RFID is used in Library. Sports: - Regarding the maintenance of sports equipment the college sports Physical Instructor deputed. GYM is also looked after by Physical Instructor. Computers: - 1. Centralized computer laboratory established to enrich the students. 2. Each Department having appropriate computer for their requirements. 3. Internet and WIFI Enabled campus. 4. Open access journals facilities are available. Classrooms: - 1. The college has various committees for maintenance and upkeep of infrastructure. At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and other. 2. Administrative officers will take in charge for student's academic requirements. Additionally:- 1. There is a lab assistant in every department, who maintains the stock register by physically verifying the items round the year. 2. Department wise annual stock verification is done by concerned Head of the Department. 3. Regular maintenance of Computer Laboratory equipment's are done by Laboratory Assistant along with Laboratory attendant and they are headed by the faculty in charge. 4. Regular cleaning of water tanks, proper garbage disposal, pest control, landscaping and maintenance of lawns is done by Institute concern Employees. 5. College campus maintenance is monitored through regular inspection. 6. Upkeep all facilities and cleanliness of environment in men's and women's hostel is maintained through Hostel monitoring committee. 7. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, internet facilities including Wi-Fi and broadband. 8. Updating of software's is done by Trust. 9. Outsourcing is done for the maintenance of wooden, furniture, electrification, and plumbing. 10. Regular maintenance of the water cooler and water purifier is done regularly. The maintenance of the reading room and stock verification of library books is done regularly by library staff.

http://www.vpscience.org/RAR_DOCS/442Policies.aspx

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	0	0	0
Financial Support			

from Other Sources			
a) National	Post Metric Scholarship	395	1765539
b) International	0	0	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
Personal counselling	11/06/2018	1960	college
IAS Coaching for entry in services	11/06/2018	139	college
Personality Development Programme	11/06/2018	1960	Imaginations Softech Solutions Pvt. Ltd.
Remedial Coaching Classes	11/06/2018	809	college
Entrepreneurship Development Programme	11/06/2018	30	EDI
University Approved ADD on courses	11/06/2018	111	College
Remedial Coaching	11/06/2018	809	college
Cambridge Placement	11/06/2018	451	SCOPE gandhinagar
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
2018	IAS Coaching for entry in services	139	30	0	5
2019	Placement Cell	0	25	0	5
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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
5	5	7

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
3	75	5		0	0
View File					

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
No Data Entered/Not Applicable !!!					
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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
Any Other	0
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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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)

Student Council is a great way for the students to perform leadership roles, promote the voice of the students, solve their problems and it reflects positive impact on his/her mind and simultaneously the same is reflected in the community. Student Council actively works with teachers and college development committee to promote a better teaching learning environment. Previously, the college forms Students Council for every academic year. The selection of the students as the members of the Student Council was as per the UGC and Sardar Patel University Guidelines the Student Council was formed at the college level in this academic year and students are enrolled in various committees. Selection of these students is based on their merit. Chairman of the Student Council is the Principal of the college, one of the senior faculty is appointed as a Vice President of the Student council and members of council are NSS Programme Officer, Director of Physical Education, and ex officio of the

various clubs one student from each class is selected based on his/her academic performance in the last examination, one student showing outstanding performance in each activity like Sports, NSS, NCC, and Cultural Activities and nominated by the principal, two female students nominated by the principal . The secretary of the respective Student Council is elected by the other members of Student Council. The activities and functions of the Student Council: The members of the Student Council monitor various academic and socio-cultural events in the college. They maintain overall discipline on the campus regularly. These members are key facilitators between the students and college. They coordinate all extracurricular activities and annual festival of the college. They also participate in social activities like Pollution Free, Pollution Free Diwali Campaign, Antiaddiction Campaign, Anti-addiction Rally, Awareness about Constitution, Gender Sensitisation programmes, etc. The Student Council make students aware about social responsibility. The members of the Student Council play a significant role as volunteers in all the conferences, workshops, sports events and other functions. Members of Student Council are given the representation in the working committees of the college. Students' role in academic and administrative bodies: The students' representation and participation have been an integral part of the academics. Students' representation are there in various important committees like Antiragging Committee, Internal Complaints Committee, Internal Quality Assurance Cell, Programme organizing committees for seminars, conferences, and workshops organized by the college, annual festivals organized by the students of NSS Committee, sports Committee, Cultural Committee, Library Committee, Magazine Committee etc. The Student Council helps the students to share their ideas, interests and concerns with teachers. Members of the Student Council offer their contribution in various college activities including social events, community projects, and college reform policies. The college has taken an initiative by offering the students representation as members in the college working committees. It has fruitful results. The student representative played an active role in the activities and the decisions taken by different committees of the college. It helps to improve leadership qualities, confidence, sense of responsibility and active participation.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

Alumni Association of the college will registered in near future. still, the alumni association has been functional in shaping policies and overall development of the college. The registration has taken a step ahead in strengthening the relationship between the college and alumni. The members of the association are representatives of diverse alumni and are from different streams. The common alumni meet is organized every year. During these meets, alumni discuss present situation of the college, achievements, progress, and future plans of the college. The alumni used to suggest some improvements required. Oral feedback is also taken form alumni which are considered while preparing the future plans. Some management members and some of the faculties of the college are members of alumni association who have contributed significantly to the development of the college. Therefore, the institute has maintained a close and intimate bond with the former students. Every year they are invited as guests of honor on various occasions in the institute. Non financial means of contribution The alumni contribute in policy making by their representation in the statutory and academic committees such as IQAC, Local Management Committee or College Development Committee etc. Some of the alumni are expertise in their respective fields. They are invited to deliver academic lectures in the campus. The alumni, associated with the social reforms, are invited in the NSS camps to encourage the volunteers to do social service.

Their experience and participation encourage the volunteers positively. Many alumni have helped the college by delivering lectures as a resource person in various courses, programs workshops etc. Some of the alumni Their experience has developed the confidence among the students. Some of the alumni are working in the field of mass media and communication help in preparing audiovisual news and provide feedback on the development of college by sharing their views and opinions which improves the image of the college in society. Some of the alumni are public representatives who help us whenever there are some local problems.They also participate in the governance of the college. Their feedback is valuable for the administrative and academic development of the college. The college website and other social media are the best means to have a fruitful communication with the alumni and former faculties scattered all over the Gujarat. Some of the alumni who had formed and run NGO successfully and are working jointly with college through MoU. Such MoU are functional through various activities.

5.4.2 – No. of enrolled Alumni:

1900

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

3763514

5.4.4 – Meetings/activities organized by Alumni Association :

2

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)

1, Knowledge Repository: The MHRD has been very proactive in trying to develop E-Content in all areas of higher education through NME-ICT because e learning facilitates access of best teaching- learning resources to students studying in far flung areas who can only dream of studying under best faculties. Our practice therefore complements this mission. It is rare to find Grant in- aid colleges to have such a practice. This is even more in and around our college. We can say that it our idea to start this practice to be in tune with the changing times. Theteacher uploads the PPTs, Videos and notes related to the topic he/she is teaching. The students are informed about the same. Over the past few years we have able to create a repository with more than 300 PPTs, videos, Video links of NME-ICT, and documents. All these are uploaded on the college website. 2. StudentsCounselling: 1) The new students/ first year students are most vulnerable. So we start focusing on them first. For every 30 students, we have a teacher counselor. The list of counselors is ready on the first day of the collegewhenthestudentsandtheirparentscometocollegefortheorientationprogrammeandthecollege ensures that the first Counseling meet is held on that day so that the parents also meet their wards' counselors. 2) Students are counseled about examination system, college rules, scholarship schemes, extra-curricular activities, importance of Parent-Teachers Meet, attendance. 3) All students are made to fill a form detailing their essential information. 4)The teachers meets the students every Saturday at a time allotted in the Time-table. The teacher is able to keep a tab over the students and in a friendly way reach out to them. If a student has not been showing up, then the counselors contact the students through others or phone the parents/ guardians and try tofind out the reason. 5) Over the years, we teachers observed that now more and more students are becoming islands in themselves. By personally intervening, it is possible to allow them to open up slowly get over the

difficulties or find a way around. 6) In these second year of the college, the students are allotted the subjects and hence they now identify themselves with those departments. Here, the respective departments take over. From then the counselors change. Now, each department is the counselor. 7) By the third year the departmental faculties the groups become smaller and faculties now observe the students more closely and mentor, guide, chide the students as and when the situation demands. The students, who felt so new and nervous in the first year, opens up and become close to their teachers in the second and third years. The teachers are able to identify the potential of each student and so are able to guide them about their career too. The affinity becomes so strong that even after the graduation they maintain a good contact with the teachers.

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

Partial

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
Research and Development	The management and the principal are very keen in developing research culture among the faculty and student. Research pool in the College is given a strong thrust since the last reaccreditation cycle. 16
Examination and Evaluation	The College has effective mechanisms in place to ensure transparency in examination and evaluation process. The Evaluation processes consist of Continuous Assessment and Semester Examinations. The management takes care of smooth conduct of examinations and appropriate evaluation of students' performance. All the basic facilities and amenities are availed by the management. It effectively works as bridge between the university and examination committee of college.
Teaching and Learning	Faculties are encouraged to update their knowledge by participating and sharing their views in workshops, conferences, seminars, refresher, orientation and shorter term courses. The college provides study leaves and monetary assistance, as and when necessary. Promoting innovative teaching methodologies, Constant review of testing and evaluation patterns encourages creativity and analytical thinking. Faculty members are motivated to design contemporary, skill based courses. The financial assistance is given by the management for adoption of innovative practice in teaching learning and evaluation processes.
Curriculum Development	The college is affiliated with the

	University and therefore the general courses designed for affiliated Institution are common in nature. In integrating institution goals and objectives with the university curriculum, the academic programs are designed in the form of calendar and accordingly it is going to be executed.
Library, ICT and Physical Infrastructure / Instrumentation	our well maintained college library is equipped with soul 2 softwere and RFID system. besides ten computers are installed with internet connectivity in the reading room.
Industry Interaction / Collaboration	our college has signed MoUs with Industries for students training
Admission of Students	The college is well known in this region, so students take pride in taking admission in our college. besides the university has made online admission system compulsory.

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

E-governace area	Details
Administration	Partial E-governance system is implimented
Student Admission and Support	Online admission process initiated and implemented by the University students feedback is taken online.
Finance and Accounts	Financial data are managed by Telly software

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
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College 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	What every teacher should	nil	18/11/2019	21/11/2019	18	0

know for bringing out the best from their students at IRMA, Anand during 19-21, November 2018.

[View File](#)

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
What every teacher should know for bringing out the best from their students	12	19/11/2019	21/11/2019	3

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	19	0	11

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Residential Quarter, health center	Residential Quarter, health center	hostels, mess, health center

6.4 – Financial Management and Resource Mobilization

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

Yes, Internal Audit by Charutar Vidya Mandal External Audit by Charter Accountants and Accountant General of Audit.

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
Deficit and Development Funds	11211176.66	salary and Buidings

[View File](#)

6.4.3 – Total corpus fund generated

11869678.55

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	AAA	Yes	CVM
Administrative	Yes	AAA	Yes	CVM

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

N/A

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

N/A

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

<p>Add on courses, Smart Classes, additional girls room RFID in Library CCTV in campus and class rooms customized audio communication system Wi-Fi campus with increased band width MoUs with Academic Institutions and Industries registered Alumni Association Online Feedback system FDP:What every teacher should know for bringing out the best from their students</p>
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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	No

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	Academic and Administrative Audit	18/02/2019	18/02/2019	19/02/2019	52
2019	FDP	19/11/2019	19/11/2019	21/11/2019	12
2018	Syllabus Review Committee for all Subjects	11/06/2018	11/06/2018	20/04/2019	52
2019	Acculturation Programme for New faculty	01/08/2019	01/08/2018	01/08/2018	20
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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	Period from	Period To	Number of Participants
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programme				
			Female	Male
Gender Championship	19/08/2019	19/08/2019	1	1

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
solar panels are installed for garden lights LED tube lights are replaced to Chalked tube lights

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0

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
No Data Entered/Not Applicable !!!							
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	10/06/2019	http://vpsscience.org/images/cchb-min.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Science and Spirituality	11/06/2018	24/04/2019	51
View File			

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

Plastic Free Campus: Plastic garbage takes decades to degrade, and there is increasing concern about the toxins they release into the environment. But in our modern lives, plastic has become essentially. Students are discouraged to use non-reusable plastic bags and to keeping them out of the campus. Our NSS volunteers always counsel other students to make environment plastic free.

Paper Less Office and teaching methods: As earlier mentioned our campus is fully Wi-Fi campus and all the students are connected through it. Our college has initiated e-Governance administration to reduce use of papers. The need for paper is reduced by using online communications and LAN systems, letters and notices are sent through email, bulk SMS, E-notice board and in Whats App group. Reference books can be accessed through N-List, power point presentation and essential notes can be see or download from "Knowledge repository"

Green Landscaping with trees and plants: Our college has a largest lush green campus in this area. Our entire campus area measures 16300 sq mt.[4.03acre], out of which 4480.14 sq mts[1.10 acre]is constructed area and rest of 2.93 area is

covered with more than 180 different species of plants[including botanical garden]and more than 55 big trees are providing oxygen, shade, and cooling to the campus. These trees are also home to many birds Free Students' Transport Initiative By Trust: Our Trust has introduced free transport for students studying at CVM's Managed institutes.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Knowledge Repository: The MHRD has been very proactive in trying to develop E-Content in all areas of higher education through NME-ICT because e learning facilitates access of best teaching- learning resources to students studying in far flung areas who can only dream of studying under best faculties. Our practice therefore complements this mission. It is rare to find Grant in- aid colleges to have such a practice. This is even more in and around our college. We can say that it our idea to start this practice to be in tune with the changing times. The teacher uploads the PPTs, Videos and notes related to the topic he/she is teaching. The students are informed about the same. Over the past few years we have able to create a repository with more than 300 PPTs, videos, Video links of NME-ICT, and documents. All these are uploaded on the college website. 2. Students' Counseling: 1) The new students/ first year students are most vulnerable. So we start focusing on them first. For every 30 students, we have a teacher counselor. The list of counselors is ready on the first day of the college when the students and their parents come to college for the orientation programme and the college ensures that the first Counseling meet is held on that day so that the parents also meet their wards' counselors. 2) Students are counseled about examination system, college rules, scholarship schemes, extra- curricular activities, importance of Parent-Teachers Meet, attendance. 3) All students are made to fill a form detailing their essential information. 4) The teachers meets the students every Saturday at a time allotted in the Time-table. The teacher is able to keep a tab over the students and in a friendly way reach out to them. If a student has not been showing up, then the counselors contact the students through others or phone the parents/ guardians and try to find out the reason. 5) Over the years, we teachers observed that now more and more students are becoming islands in themselves. By personally intervening, it is possible to allow them to open up slowly get over the difficulties or find a way around. 6) In the second year of the college, the students are allotted the subjects and hence they now are identified themselves with those departments. Here, the respective departments take over. From then the counselors change .Now, each department is the counselor. 7) By the third year the departmental faculties the groups become smaller and faculties now observe the students more closely and mentor, guide, chide the students as and when the situation demands. The students, who felt so new and nervous in the first year, opens up and become close to their teachers in the second and third years. The teachers are able to identify the potential of each student and so are able to guide them about their career too.The affinity becomes so strong that even after the graduation they maintain a good cotact with the teachers.

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

http://www.vpscience.org/RAR_DOCS/721Bestpractice.aspx

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

Students Empowerment strategies (StEpS). This includes - 1.Creation of

Effective Learning Environment: As mentioned earlier that the effective implementation of innovation requires creation of learning environment. We at our end emphasize on discipline at both teachers and students end. For this, we have developed various policies namely- Attendance ,Anti ragging ,Code of conduct Women empowerment ,Tours and summer training policy etc. These policies are implemented through various committees, Creating clear guidelines for various purposes help and facilitate day to day working. The policies are discussed and distributed on the very first day of the college during orientation program. 2.Bonding We have seen that the bonding among three pillars of higher education i.e. Student, Faculty, and Parent are weakening. In order to strengthen the bond (which is again essential to have effective implementation of innovation), we have set up very effective Counseling and Parent cell. The function of this cell is to appoint counselors at all the levels. As a policy, we appoint teacher counselor for every 25-30 students. The name of counselor is declared on the very first day and immediately after orientation of newly admitted students, the student and their parents are to meet counselor for exchanging contact number for future communication. The role of counselor is to counsel the student at a regular intervals. Apart from this we have an effective Parent interaction through written communication, oral communication, and through parent teacher meetings. 3.ICT (Information and Communication Technology) in education - With the help of UGC (CPE grant) we have equipped ourselves with ICT facility. Majority of our lecture theaters are now fitted with multimedia projectors and few with smart boards. After an initial phase, now majority of our faculty are using them. The new method of delivering is not only effective but fast in transferring knowledge. In time we are planning to have such facility in our labs where practical demonstration will be made easy, effective and time saving. 4.Techno Savvy Environment Internet, these days is a must for both teaching and learning. We, have developed an internet lab with 30 terminals apart from 10 terminals in the library reading room. The college campus is now completely Wi- Fi with a bandwidth 200 mbps. The college has about 240 computers with latest configuration and licensed software. 5.Virtual Teaching SANDHAN is the initiative of Gujarat higher education for enabling all the students of higher education in Gujarat to have access to lectures delivered by eminent academicians from across the state, nation and from abroad all at once by leveraging technology optimally. The initiative has broad objectives like- 1. To facilitate virtual teaching and discussion of various subjects by well known experts of that particular field of knowledge. 2. To provide a platform for communicating with all colleges, students and teachers simultaneously to disseminate ideas, information training relevant to higher education. The College has developed a facility for the students and faculties to take advantage of this initiative. We have created knowledge repository where lectures delivered by

Provide the weblink of the institution

http://www.vpscience.org/RAR_DOCS/731.aspx

8.Future Plans of Actions for Next Academic Year

1. Apeal with NAAC Bangaluru regarding Re accreditation 2. Demonstration Workshop for our Students 3. AISHE,NIRF, GSIRF applications 4. Preparing AQAR 5. Create Lerner centric environment 6. Strengthen knowledge repository 7. Sign MoUs 8. Motivate faculty members to attend more Seminar /Conferences 9. To Publish more Research Papers 10. Organize state level science festivals 11. Get a centre for Entrepreneurship development centre 12. Motivate faculty members to apply for Projects and science academy awards 13. Encourage more students to join NSS, NCC and Sports activites