



SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

PRAMUKH SWAMI SCIENCE AND H. D. PATEL ARTS COLLEGE

SARVA VIDYALAYA CAMPUS, BEHIND RAILWAY STATION, KADI DIST.

MEHSANA

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Engaged in the pursuit of contributing to the noble cause of education with a motto of ‘ *Do Good, Good will come back to you* ’, the Trust-‘ Sarva Vidyalaya Kelvani Mandal’, a 100-years philanthropic organization, nurtured and managed by its wide alumni, caters to the educational needs of the society.

- **Mahatma Gandhi** visited our campus in 1929 and applauded the education provided here to parents as “Send your children here for good education; they will receive good education here.....it is better that this organization does not have money, the society will nurture it”
- Renowned astronaut **Sunita Williams** is a daughter of this soil. Her father is an alumnus of this Trust. Sunita visited this campus on September 21, 2007 and expressed her indebtedness as , “I would not have been whatever I am today if this institution had not parented and nurtured my father after he lost his parents in childhood.”

Pramukh Swami Science and H. D. Patel Arts College is the first higher education institute of the Trust. Established in the year 1965 as a science college, it was upgraded to Science and Arts College in the year 1992. This college is affiliated to Hemachandracharya North Gujarat University, Patan. College offers various Under-Graduate, Post-Graduate and Ph.D. level programs in Science, Arts and Vocational stream.

The college is

- Re- accredited with grade ‘A’ by NAAC in 2014 with CGPA 3.20
- College with potential for excellence- UGC (2010 to 2019)
- AAA Rank-1 by Govt. of Gujarat.

College is having

- Regional Centre for ‘Biotechnology Capacity Building Cell’ by GSBTM, DST, Govt. of Gujarat
- Zonal Research Center by “Raman Science and Technology Foundation” of Bhabha National Research Academy, Gujarat , India
- Learn Chemistry by Royal Society of Chemistry ,UK
- Centre for SCOPE by Govt.of Gujarat
- Centre for Soil Testing for “Soil Health Card Project” by Govt. of Gujarat under Rashtriya Kishan Vikas Yojna , Govt. of India

In June 2018, college has been selected by UGC for ‘ DDU KAUSHAL Kendra’ to offer B.Voc and M.Voc in six service sectors pharmaceutical, Agriculture, Ceramic ,Textile , IT and Tourism.

Vision

“To keep pace with global advances in education, by providing value based knowledge and nurturing professional skills in the areas of Science, Arts and Vocation, with special emphasis on societal elevation through rural development”

Mission

1. To achieve the status of “Centre of Excellence” after being recognized as ‘College with Potential for Excellence’.
2. To make students more employable through Vocation Education
3. To raise self-employability through Students’ Start Ups and Innovations.
4. To strengthen Industry-Academia linkages for advance curriculum design, training and placement.
5. To develop new Teaching – Learning Pedagogy to stimulate “Digital Educational Youth”
6. To cultivate research attitude and soft skills among the students.
7. To instill enthusiasm for preservation of languages, art and cultural heritage.
8. To create state of the art infrastructure to facilitate teaching, research and sports.
9. To promote the teachers for consultancy and patent generation.
10. To contribute to societal elevation by empowering women through Value based education.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- 100 years old Philanthropic Trust with rich educational heritage
- Commitment to industry need-based and value based education
- Vocational UG - PG Degree, Advance Diploma and Diploma Programs with high rate employability through DDU KAUSHAL Kendra
- More than 35 Academic-Industrial MoUs for curriculum design, training, evaluation and placement.
- SSIP for entrepreneurship aptitude development
- Finishing School and SCOPE for Soft skill development
- Soil Health Card Project by Govt. of Gujarat to promote *Earning with Learning and Learning with Earning*
- More than 65% teachers are Ph.D. holders, 20% teachers Ph.D. supervisors and have plethora of publication, presentations and books.
- 54 % teachers are members of university statutory bodies
- Rich Scholarship and Free-ship schemes from the Trust and the College
- Transparent and efficient Administration.
- State-of-the-art infrastructure with science labs, Computer Centre, Language Lab, Central Research lab, Advanced Plant Tissue culture lab and Workshops for Vocational programs
- 22 ICT based Classrooms including 4 smart classrooms, 4 Seminar Halls
- Access to College library advance facilities from 7:30 a.m. to 10:30 p.m. and online access 24X7
- Wi-Fi Campus with 100 mbps Internet Connectivity to all teachers and students
- separate Boys – Girls Hostel
- Campus Health Centre
- Separate Boys – Girls Gymnasium
- Excellent Multipurpose Indoor Sports Complex
- Eco-friendly campus with water-harvesting and electricity-saving

- Secure and Safe environment on campus through more than 1400 CCTV surveillance and 23 security guards
- A robust Mentor –mentee system
- Students’ representation in college Committees/Sapta-Dhara/Department Club/ NSS/ NCC/ SNC/UBA/SBSI activities to raise Human Value and Ethic
- WDC and WEC organizes activities to strengthen women’s self-reliance and entrepreneurship aptitude
- An active IQAC since 2007 and regular quarterly meetings with 3 departmental presentations for healthy academic competition
- Active Anti-ragging/ICC/ST/SC/OBC/Minority/Grievances Redressal and WDC Cells provide a gender, caste, creed and religion bias free environment
- Healthy Feedback analysis system
- Active support of the Alumni Association

Institutional Weakness

- Limited modes of conveyance restrict the students from maximum use of college resources after regular working hours.
- No government recruitments of Teaching – Non-teaching staff against vacant posts
- Student – teacher ratio imbalanced
- Due to vernacular education, most of the students lag behind in effective access of higher education and research
- Excess clerical and administrative work of teachers, with the introduction of semester system, has affected the qualitative use of time with the students.
- Over enthusiasm of the Higher Education Policy and its implementation at various levels hinder the smooth functioning of the college.

Institutional Opportunity

- Upgrade to Centre of Excellence
- Inter disciplinary research and innovation
- Patent generation and Consultancy
- Attract various research projects to help industry and society with creation of knowledge
- More innovation and participative – collaborative learning methods through available enormous ICT-based infrastructure
- Active Alumni participation and introduction of international chapters
- Scope for establishing collaborations with national and international level institutions.
- Potential to use more e-learning facilities.
- Research extension and publication opportunities
- The RUSA 2.0 grant sanctioned to create infrastructure for improving the quality teaching, learning and research oriented environment

Institutional Challenge

- To utilize the full potential of Alumni for student-centric educational progression
- To develop Faculty-Exchange, Student-Exchange and Resource Sharing programs with internationally

reputed institutes.

- To inspire PG students towards research centric learning, publication and competitive exams
- To develop an entrepreneurial hub for cultivation and endorsement of entrepreneurship among the students

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- The college is permanently affiliated to Hemchandracharya North Gujarat University, Patan
- For Arts and Science stream programs, the college scrupulously follows the curricula prescribed by the University whereas for the Vocational Programs, college has organized four Industry –Academia meets to have inputs from industry representatives in curriculum development and finally the curriculum is approved by the university.
- The college offers 22 academic and research programmes in Arts, Science and vocational stream.
- All programmes follow the CBCS/elective curriculum.
- 19 teachers are in various bodies like BoS/Academic Council/syndicate of the university.
- The college has introduced 15 new certificate/ diploma programs during last 5 years.
- The college offers 28 Short Term/Value added Courses to impart transferable life skills among the students.
- For the effective transmission and delivery of curricula, with more than 35 functional MoUs with Industries, college regularly organizes industrial visits-trainings, Projects-fieldworks and internships for the students to give them exposure to actual work environment to enhance their knowledge and skill.
- IQAC conducts seminars/workshops/symposium, guest lectures, faculty orientation programs, Industry-Academia Interactive programs etc. for curriculum enrichment and enhancement.
- Effective integration of cross-cutting issues relevant to Gender, Environment, Human Values, and Professional Ethics into the curriculum.

- Apart from University curriculum, college organizes various activities like ‘Sarva Netrutva- A unique leadership program’, Sapt-dhara, Environment Conservation activities, NSS, NCC and Women Development Cell activities to integrate Human Values and Moral Ethics.

- Feedback from all the stakeholders on the curriculum are collected and analyzed. The Action taken report is communicated to respective authorities for valuable modifications in the curriculum.

Teaching-learning and Evaluation

- The college admission procedure is online and centralized through university in PG and strictly according to merit basis in UG as per Government Reservation Norms. The average percentage of enrollment is more than 90% against sanctioned seats.
- After admission, one week bridge courses are designed for new students. Students are evaluated and then categorized into advanced and slow learners. Remedial lectures are conducted for slow learners. For advanced learners, capacities building training programs are organized.
- Effective mentorship program is implemented.
- Various student centric learning methodologies like Industrial Training, Earn While Learn Scheme, Study Tours and Field Projects are implemented to enhance teaching-learning processes.

- All teachers exercise ICT for effective teaching.
- For innovation and creativity in teaching various schemes and facilities are provided like NPTEL online courses, e-resources, SCOPE, Finishing School, Learn Chemistry Project, Virtual Lab, Project based Learning and Digital library for remote access of e-resources.
- Teachers are encouraged to acquire higher qualifications. More than 65% faculties are with Ph.D.
- College sets the learning outcomes for all programs and is communicated to the teachers and students and is uploaded on the college website.
- The college strictly adheres to the academic calendar for conducting the Continuous Internal Evaluation(CIE) by regular Weekly tests, Assignments, Quizzes, Assessment through Skill Cards, seminars, projects, Mid-semester examination etc.
- The college has a transparent, time-bound and efficient mechanism to deal with examination related grievances.
- IQAC reviews the academic performance of each department.

Research, Innovations and Extension

- The college has centre of 'Student Startup and Innovation Policy' (SSIP) from Government of Gujarat in which students are encouraged and sensitized for innovations.
- Availability of Physical Infrastructure for Research and Innovation like Advanced Plant Tissue Culture Laboratory, Central Instrumentation Laboratory, Incubation centre for SSIP, Soil-Testing Laboratory and library facility.
- 6 teachers are recognized as research guides by the H.N.G. University, Patan and 15 scholars have completed Ph.D. under their guidance during last 5 years.
- 68 workshops/seminars are organized on Intellectual Property Rights (IPR) and Industry-Academia Innovations.
- 24 faculty members have been awarded Ph. D. degree. The college has research centers for M.Phil. and Ph. D.
- The college has anti-plagiarism policy and the code of ethics for research.
- Incentives are given to the teacher who receives State, National and International recognition/ awards.
- The college has NSS and NCC units through which we undertake extension activities in the neighborhood community and help in the holistic development of students and the vicinity.
- The college has conducted extension and outreach programs in the collaboration with various Stakeholders of the society.
- Participation in *Unnat Bharat Abhiyan*, *Swachh Bharat Summer Internship*, AIDS Awareness, Blood Donation Camps, Gender Parity activities etc.
- 38 Functional MoUs and 68 linkages for field trips, on-the-job training, placements, resource exchanges etc.

Infrastructure and Learning Resources

- The college has state-of-the-art infrastructural facilities for teaching and learning which includes: ICT enabled 22 classrooms (including 4 Smart classrooms) and 4 seminar halls including Virtual Hall equipped with 360 degree PTZ camera, ICT tools, smart-board and People link software for two way communication interaction.
- **Laboratories:** 7 laboratories for chemistry and pharmaceutical chemistry program, 3 physics laboratories, 2 Biology laboratories, 3 Biotechnology laboratories, 2 Computer Laboratories, each one

for Mathematics and Vocational Program and 1 Language Laboratory.

- **Central Research laboratory** equipped with highly sophisticated equipments like Gas Chromatography (GC), High-Performance liquid chromatography (HPLC), Ultra-pressure liquid chromatography (UPLC), UV-visible spectrophotometer, FT-IR, PCR machine, Cooling Centrifuge etc.
- A separate **Advanced Plant Tissue culture laboratory**
- **Textile And Ginning Technology Workshop** equipped with 6 Double roller Ginning Machines, Lathe Machine, Milling Machine, Drilling Machine and Welding Machine (Gas+ Arc) and Electrical Equipments.
- **Ceramic workshop** equipped with Drying, Glazing, Casting, molding and chemical testing equipment.
- **College library** fully computerized, easy access system with a collection of 28225 reference books and textbooks, more than 31,35,000 e-books and 6,000+ e-journals, 80 periodicals and journals and 623 CD's/Videos.
- A wide repository of books, journals, CDs, educational videos, films, newspapers, rare books, manuscripts, e-resources, etc
- **Air conditioned Reading Hall** in Library with 100+ seating capacity.
- **Integrated Library Management system** available including facility for the remote access of e-resources.
- The entire campus is under CCTV surveillance.
- Air-Conditioned Indoor sports complex
- Well equipped **Gymnasium Facility** Separately for Boys and Girls.
- Facilities for differently-abled students.
- On campus **Bank and ATM services, Health Centre, Stationery Store and Canteen** are available.
- A separate hall is provided for regular Yoga training centre for students as well as staff.
- Three types of Internet connectivity including leased line with 100 mbps bandwidth internet services.
- **SOFTWARE AND TOOLS are available like** Quant mol N Software , Nova Software, Chemskech Builder 603, ERP, Matlab and Open source software like PYTHON, Scilab, Linux, LibreOffice, GChemPaint etc

Student Support and Progression

- The college has established mechanism for the financial assistance through scholarship and fellowship by Government as well as by Management.
- More than 60% of the students have been benefitted by the scholarships and Freeships provided by the Government and Non-Government agencies during last 5 years.
- Various capability enhancement and development schemes are available including Regional Centre for 'Biotechnology Capacity Building Cell' by GSBTM, Department of Science and Technology, Government of Gujarat.
- The college has an effective system to provide support to students for skill development, career Counseling, competitive examination guidance, placement and entrepreneurship development.
- Strong Industry-Academic collaboration for students' training and placement.
- Students are benefitted in vocational education through skill based vocational programs offered by UGC.
- The college has effective mechanism for timely redressal of student grievances.
- Students play active role in academic, administrative and research progression.
- Students have received awards/medals in State/National/International level tournaments in various Sports and cultural events.

- The college has a functional Alumni Association which has contributed Rs.6,38,000/- during last five years for college Development.

Governance, Leadership and Management

- The vision and mission of the college correlate with the national policies of higher education and mainly emphasis on skill based education, self employment of students through start-up and innovation and digital education of the youth.
- The college has decentralized and participative management by involvement of all its stakeholders in college management.
- The administrative setup comprises of College Governing Body (CGB) with representatives from the Management, Industry, Municipality, the Principal, Director /Principal of the campus institutions and Alumni.
- To assist the Principal in administrative, academic and financial matters, the Management has appointed Vice-principal, two Faculty In-charges from Arts and Science and a Nodal officer in Vocational program.
- The College has implemented e-governance in administration, finance, accounts, student admissions and examinations.
- The college has effective welfare measures for teaching and non-teaching staff.
- Faculties are provided financial assistant to attend seminars, conferences and workshops.
- The college regularly organizes Faculty Development programs and administrative training programs for teaching and non teaching staff members.
- The performance of the teaching and non-teaching staff is assessed through the Annual Performance Appraisal System.
- The accounts are audited regularly and strictly through the two-tier system.
- Fund of more than Rs.80 lakh has been received from industry, Non-government bodies, philanthropers or individuals during last 5 years.
- College mobilizes fund from UGC, State government and other resources like Research projects/ Alumni Support.
- The College has been receiving funds from various UGC Schemes like General Development Grant, Research Grant, College with Potential for Excellence and funds for skill-based Vocational Programs like B.Voc. M.Voc. and Community college under DDU KAUSHAL Kendra.
- IQAC plays a crucial role in ensuring quality of academic planning, teaching and learning. Research and students progression.
- The college organizes seminars, workshops, training programs, competitions, executive development programs, students' development programs for the 360 degree career growth of students.

Institutional Values and Best Practices

- The Women's Development Cell regularly organizes gender equality promotion programs, emphasizing Women Empowerment like skill development programs, self-defense training programs, seminars for health and hygiene and felicitation programs.
- For safety and security and compliances of students' grievances, the college has Security Guards, CCTV Monitoring, Grievance Redressal Committee, Anti-ragging Committee, Internal Complain Committee, SC/ST/OBC/Minority Cell etc.
- The girls' common rooms are provided with First Aid Box, Sanitary Napkin Vending Machine and

Incinerator facility.

- About 63 % of the annual lighting power requirement is met through LED lamps. The LED lamps are manufactured by the college students.
- The college has installed 'Bio-gas plant' at campus Gaushala.
- The college has established 'Rain Water Harvesting- Borewell recharge plant' in the campus.
- Separate area is allotted in the corner of a 42 acre campus for parking. No vehicles are allowed in the campus.
- For differently abled students, the college has all basic amenities such as ramps, elevator, common room, restroom, Braille, wheelchair etc.
- The college conducts Green Audit, Carbon Sequestration Audit, Safety Audit etc.
- The college maintains complete transparency in its financial, academic and auxiliary functions.
- Skill based programs like Bachelor of Vocation and Community college programs have been started for the contribution to local community. The college shares its physical infrastructure to carry out different social needs such as community welfare programs for the benefit of social development.
- Core values of the college relate with the motto of the trust and the education mission of the Nation.
- The college has been selected for 'UNNAT BHARAT ABHIYAN' and organize activities such as Swachh Bharat Summer Internship, International women's day, Blood donation camps etc. for the promotion of universal values, human values, and national integration.
- The best practices of the institute reflect all round development of the students, monetary support for the continuance of higher education to needy students, Earn while Learn promotion through Soil Health Card project and entrepreneurship development through SSIP.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PRAMUKH SWAMI SCIENCE AND H. D. PATEL ARTS COLLEGE
Address	Sarva Vidyalaya Campus, Behind Railway Station, Kadi Dist. Mehsana
City	Kadi
State	Gujarat
Pin	382715
Website	www.psshda.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Ajay S.gor	2764-262634	9426766703	2764-244381	ajaysgor@gmail.com
IQAC / CIQA coordinator	Anand Vyas	2764-244382	9426767214	02764-244382	anandvyas@psshda.org

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	01-01-1965

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Gujarat	Hemchandracharya North Gujarat University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	19-10-2006	View Document
12B of UGC	19-10-2006	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	31-03-2014
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Knowledge Consortium of Gujarat Government of Gujarat
Date of recognition	11-05-2013

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Sarva Vidyalaya Campus, Behind Railway Station, Kadi Dist. Mehsana	Semi-urban	42.1	6370.85

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Chemistry	36	plus two	Gujarati	100	96
UG	BSc,Physics	36	plus two	Gujarati	26	26
UG	BSc,Mathematics	36	plus two	English	34	34
UG	BSc,Biotechnology	36	plus two	English	60	60
UG	BA,Gujarati	36	plus two	Gujarati	55	55
UG	BA,Sanskrit	36	plus two	Gujarati	52	52
UG	BA,History	36	plus two	Gujarati	53	53
UG	BA,English	36	plus two	English	90	82
UG	BVoc,Pharmaceutical Chemistry	36	plus two	English	30	20
UG	BVoc,Textile And Ginning Technology	36	plus two	Gujarati	30	26
PG	MSc,Chemistry	24	UG	Gujarati	40	40
PG	MSc,Mathematics	24	UG	English	10	7

PG	MA,Gujarati	24	UG	Gujarati	30	29
PG	MA,Sanskrit	24	UG	Gujarati	20	0
PG	MA,History	24	UG	Gujarati	25	11
PG	MVoc,Pharmaceutical Chemistry	24	UG	English	5	1
Doctoral (Ph.D)	PhD or DPhil,Chemistry	36	PG	English	1	1
Doctoral (Ph.D)	PhD or DPhil,Mathematics	36	PG	English	1	1
Doctoral (Ph.D)	PhD or DPhil,Gujarati	36	PG	Gujarati	1	1
Doctoral (Ph.D)	PhD or DPhil,Sanskrit	36	PG	Gujarati	1	1
Doctoral (Ph.D)	PhD or DPhil,History	36	PG	Gujarati	1	1

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	1				17				7			
Recruited	1	0	0	1	16	1	0	17	4	0	0	4
Yet to Recruit	0				0				3			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				13			
Recruited	0	0	0	0	0	0	0	0	7	6	0	13
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				13
Recruited	11	0	0	11
Yet to Recruit				2
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	7	0	0	7
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				7
Recruited	6	0	0	6
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				2
Recruited	2	0	0	2
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	12	1	0	6	4	0	24
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	4	0	0	1	1	0	6
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	3	1	0	4
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	0	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	0	0	1
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		17	6	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	296	4	0	0	300
	Female	204	0	0	0	204
	Others	0	0	0	0	0
PG	Male	37	0	0	0	37
	Female	50	0	0	0	50
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Diploma	Male	45	0	0	0	45
	Female	7	0	0	0	7
	Others	0	0	0	0	0
Certificate / Awareness	Male	281	0	0	0	281
	Female	513	0	0	0	513
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	16	38	34	45
	Female	24	26	30	25
	Others	0	0	0	0
ST	Male	4	14	8	7
	Female	8	14	12	7
	Others	0	0	0	0
OBC	Male	112	166	151	169
	Female	85	79	77	98
	Others	0	0	0	0
General	Male	112	204	220	191
	Female	232	206	184	142
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		593	747	716	684

Extended Profile

1 Program

1.1

Number of courses offered by the institution across all programs during the last five years

Response: 365

File Description	Document
Institutional Data in Prescribed Format	View Document

1.2

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
22	22	22	21	16

2 Students

2.1

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1519	1678	1707	1779	1741

File Description	Document
Institutional Data in Prescribed Format	View Document

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
358	385	385	368	309

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
478	585	528	611	526
File Description		Document		
Institutional Data in Prescribed Format		View Document		

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
34	34	34	32	31
File Description		Document		
Institutional Data in Prescribed Format		View Document		

3.2

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
37	36	36	35	33
File Description		Document		
Institutional data in prescribed format		View Document		

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 26

4.2

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
87.56	123.33	99.84	138.99	107.69

4.3

Number of computers

Response: 206

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

The institution is affiliated to Hemchandracharya North Gujarat University (HNG University), Patan, Gujarat. As an affiliated college, teachers of the college play a decisive role in designing a dynamic curriculum by participating as members of the Board of Studies, Academic Council, Faculty Council and the University Syndicate.

In the academic year 2011-12, HNG University switched over to the Choice Based Credit Semester system (CBCS) for the undergraduate programs. The PG programs adopted the same in 2010-11.

The College offers vocational Education through UGC approved B.Voc and Community College in four service sectors, - Agriculture, Pharma, Textile and Ceramic.

The College ensures effective curriculum delivery through a well planned and documented process. The IQAC prepares the academic calendar of the college. Each department also prepares its departmental academic calendar. The academic calendar carries significant academic and other activity details also. The faculty members are briefed the same during the first meeting of the commencement of every academic year.

The timetable committee prepares a general time-table and each HoD prepares individual departmental timetable. The HoDs arrange departmental meetings to distribute and assign the syllabus and workload.

Each teacher prepares an academic diary containing timetable, workload, Annual/Semester teaching plan, actual teaching units, daily teaching plan, and academic and administrative committee responsibilities. HoDs and the Principal take care of the same.

IQAC meets quarterly to review the academic progress and to make improvement in the academic and administrative activities.

Feedback from all stakeholders is collected on a regular basis, which are analyzed and necessary remedial measures are taken by the college IQAC.

A one week timetable for Bridge Course is held in the beginning of new session.

For the effective transmission and delivery of curricula, with more than 35 functional MoUs with Industries, college regularly organizes industrial visits-trainings, Projects-fieldworks and internships for the students to give them expose to actual work environment and to enhance their knowledge and skill. For the up gradation of subject-related knowledge, college organizes seminars, conferences and Workshops, Science fair, Lit-fest and involving students in SSIP(Student Start-up and innovation Policy Cell- approved

by Government of Gujarat).

For the effective curriculum delivery, teachers use participative, problem solving and student-centric learning methods. Faculties effectively and creatively use PPTs, video lectures, models, charts, various educational softwares. The college organizes expert lectures of eminent academicians and industrialists for the effective curriculum delivery.

Special attention is given to competitive examinations like Civil Services, State level exams like TAT/TET/SCOPE and National Level PG Entrance examinations through DST, State Government approved Capacity Building Cell.

Library provides INFLIBNET, e-journals, Database, Shodhganga, OPEC, Book Bank facility etc. The college provides 100 Mbps internet connectivity with campus Wi-Fi facility to the students and teachers for effective teaching-learning. Teachers provide study material to the students through LMS.

Seven Bands of Sapta-Dhara – Knowledge, Theatre, Fine Arts, Music & Dance, Creative Expression, Social Service, Sports & Yoga, along with 8 Departmental clubs aim to promote extracurricular activities. College also provides special guidance to the slow learners under the Scheme of remedial coaching.

File Description	Document
Any additional information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 15

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	6	9

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 103.03

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	0	9	8	10

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 72.33

1.2.1.1 How many new courses are introduced within the last five years

Response: 264

File Description	Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

Response: 22

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 31.08

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
450	735	337	109	977

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum.

As an affiliated college, the college meticulously follows the curriculum prescribed by the university. The university integrates cross-cutting issues relevant to Gender, Environment and sustainability, Human values and Professional Ethics into curriculum; for example,

Program	Semester	Paper	Area Worked upon
B.A. & B.Sc.	Sem: II	Environmental Studies, Indian Geography	Environment & Sustainability

B.A. & B.Sc.	Sem: III	Value Oriented Education, Disaster Management & Environment Science	Professional Ethics & Human Values & Environment & Sustainability
B.A. & B.Sc.	Sem:IV	Indian Constitution	Professional Ethics & Human Values
B.A. & B.Sc.	Sem: V	Human Rights, Indian History(Modern Era)	Human Values
B.A. & B.Sc.	Sem: VI	Naturopathy, Personality Development	Human Values
B.A.	Sem: I	CC-101 Ancient History of India (ancient age to 3 B.C.):	Professional Ethics
B.A.	Sem: I	CC – 102: Social Psychology: An Introduction	Human Values
B.A.	Sem: I	SE – 105: Psychology & Effective Behaviour	Professional Ethics
B.A.	Sem: II	SE – 114: Contemporary Issues of Social Psychology	Human Values & Professional Ethics
B.A.	Sem: II	SE – 115 Applied Psychology Unit:3 Psychology & Marriage Life	Human Values & Professional Ethics
B.A.	Sem: VI	CC – 610 The Constitution of the Republic India – II	Human Values
M.A.	Sem: IV	CC – 402 Some Personalities of Modern Indian History	Gender Issues & Human Values
M.A.	Sem: IV	CC – 404	Gender Issues & Human Values

		Social and Religious Movement in India	
M.A.	Sem: IV	CC – 405 : Indian Culture	Human Values
B.Sc.	Sem: II	CC – Zoo 122: Unit-IV Ecology & Wild Life Biology	Environment & Sustainability
B.Sc.	Sem: II	CC BOT-122 Unit-III Plants & Human Welfare	Environment & Sustainability
B.Sc.	Sem: III	CC BOT-212 Unit-II Plant Ecology	Environment & Sustainability

The college also makes the students aware of the cross cutting issues through various activities such as:

Sarva Netrutva Training : A well-designed five-days residential training program is conducted regularly by the Management appointed professional trainers with special emphasis on Human values and Ethics, Environmental conservation and Gender issues. Students undertake projects like, Right to Food, pollution free Diwali, Keep Smiling, I Can, Multiple Life- Organ Donation Program, Service of Love, Thanks Giving to Labourers, Chhoti Chhoti Khusiyan etc.

Saptdhara(Seven Bands) Activities : Through various cultural Competitions e.g. (Essay Writing, Debate, Elocution, Street Plays, Rangoli, Cartoon, Patriotic Song, Collage etc), the college tries to touch upon Gender, Environment and Sustainability, Human Values and Professional Ethical issues and makes the students healthy human being for a healthy society.

NSS, NCC and WDC Activities: College also addresses the cross-cutting issues through NSS, NCC and WDC activities :

Gender issue: Women Education & Strengthening, Self-defense workshops, Beti Bachao, Participation in Sports, Cultural activities, Vocational Education training

Environment Conservation: Save water rally, Tree Plantation, Campus Cleanliness drive.

Human Values and Professional Ethics: Voters' Awareness, E-banking Awareness, celebration of National Festivals at Public Places e.g. City Bus Depot, Police Station, Teacher's Day, Guru Purnima Yoga Day, National Leaders' Birth Anniversaries, Natural Calamity Relief Campaign, Blood Donation and Medical Camps, Anti addiction theme-based rallies.

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 23

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 23

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 80.18

1.3.3.1 Number of students undertaking field projects or internships

Response: 1218

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

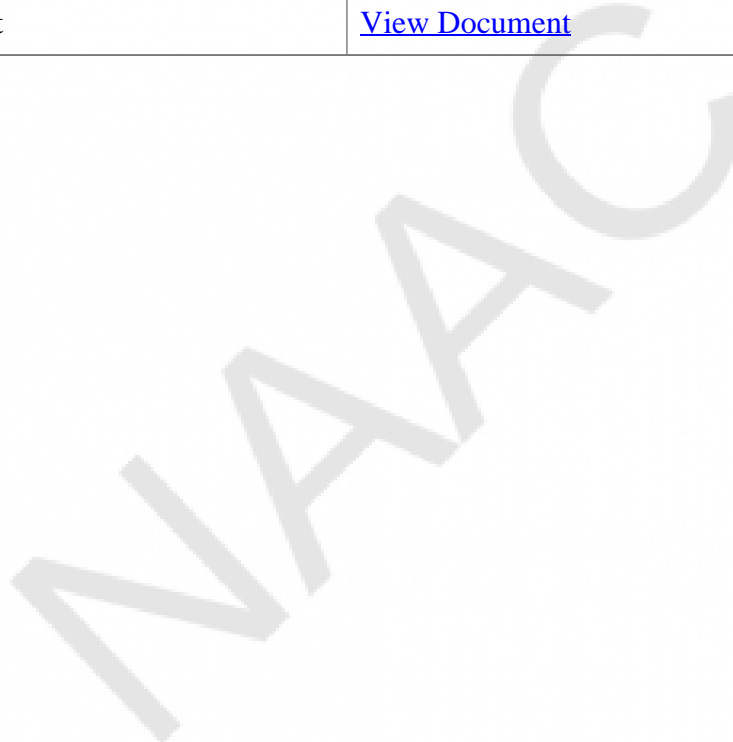
Response: A.Any 4 of the above

File Description	Document
Any additional information	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document



Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 91.45

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
643	684	716	747	593

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
755	785	785	750	630

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 85.24

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
293	351	312	337	249

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

The institute takes various quality measures to enhance the overall academic performance of the students. In the beginning of every academic year, college starts with an orientation program for the newly admitted students. In these sessions, students are informed about the goals and objectives, code of conduct, academic calendar, examination and evaluation pattern and amenities available in the college for their all-round development. Motivational speakers are also invited in these sessions.

One week Bridge Courses are designed for the new students to provide them the academic skills which are basic and very much necessary to be successful in their respective programs. Students are continuously evaluated by various class tests, quizzes, class presentations, seminars and then categorized them into slow, average and advanced learners.

For slow learners special remedial lectures and practicals are conducted. They are grouped with advanced learner students for field projects to have a healthy handful experience of learning. Home assignments, question paper solving, extra lectures, special guidance and personal counseling from their respective Mentors are provided to them to bring them into a main stream. As a result of this, many slow learners have performed better and have improved their results in university examinations.

College regularly organizes seminars, lit-fests, science-fests, industrial visits and trainings, which helps average students to get close with advanced learners.

For advanced learners, College Capacity Building Cell provides special trainings by inviting experts from

various industries and academic institutions. Special coaching is given to them so that they can clear (1) Exams conducted by various sector skill councils, National Skill Development Corporation, Government of India (2) PG entrance examinations such as IIT-JAM, JNU, GATE etc. and (3) various state level competitive exams. Those, who are very creative, are given special training for Entrepreneurship and they are involved in Students' start-up and innovation cell. College provides hands-on training on sophisticated research instruments to students who are highly interested in basic science research.

As a result of this, till date more than 100 students have achieved skill certification from NSDC, as well as cleared JNU, IIT_JAM and state level exams. More than 25 students have secured ranks among top 10 of the University during last five years. More than 50 students are involved in research and 25 students have published their research papers in the journals of national and international repute with high impact factors.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio

Response: 217:5

File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

To enhance the learning experience of the students, various methods of experimental and participatory learning as well as problem solving methodologies are implemented, which increases the engaging level of students in the learning process, bridges the gap between theory and practice and produces demonstrable mindset changes.

Industrial Trainings: With the help of more than 35 functional MoUs with Ceramic, Cotton, Pharma & Agro industries, more than 1500 students have undergone industrial trainings and internships to get equipped with necessary skills which intensify their job acumen. This practical industrial experimental learning at large scale makes them aware of the multiple aspects of Industrial Entrepreneurship such as raw material Processing, production, Quality Assurance, Quality Control and R&D.

Earn while Learn Scheme: College has Macro & Micronutrient Soil Testing Lab under Rastriya Kisan Vikas Yojna, Government of India. Students are trained to perform 13 various soil tests with the help of sophisticated equipments. This Soil Health Card project helps our students to have an actual work experience and apply their acquired skills in practical situation. Under innovation cell of the college, students are involved in Toy Train Production from waste barrels by learning various mechanical skills. 50 students are involved in LED Light Production. Till date, more than 2000 LED light units are produced by our students and installed in campus premises. Students are involved in preparation of Dark forest at a multi-national company-Sanvik Asia Ltd and have earned consultancy. In this participative learning, students learn the skills to find out new ways of solutions of the problems they face while performing the task.

Study Tours are organized at department level. During their study tours, students visit Renowned Industrial units like Adani Port, IFFCO (Indian Farmers Fertilizer Cooperative Limited), MAPRO Strawberry Factory, Cera Ceramic Ltd, Somany Sanitaryware Ltd etc. and interact with the personnel and collect first-hand information. Students are encouraged to prepare charts, posters and models in order to develop the entrepreneurial qualities. They also visit Renowned Research Institutes such as PRL (Physical Research Laboratory), IPR (Indian Plasma Research Laboratory), Observatory of Udaipur, Science City, Planetarium, CSC (Community Science Centre), ISRO (Indian Space Research Organization) etc, which are a source of valuable new research ideas and insights into different methodological approaches.

Field projects : Students undertake field projects to prop into their subject specifically from research point of view. Topics are allotted by their Mentors. And to execute the task, they visit libraries, related institutes and places, make surveys in team, interview related resource people and prepare a Project Report respectively e.g. in Arts, The students of History Department are divided into groups of 5-7 students. They do village surveys, take interviews of people, do study of the old historical monuments, archeological scriptures and prepare village Gazetteers. In Science, Students of Agriculture department do field projects on the regional agricultural products and problems of the specific village, take samples of soil, analyze them and prepare a Soil Report for the Quantitative-Qualitative use of Fertilizers etc.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 97.06

2.3.2.1 Number of teachers using ICT

Response: 33

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 46.03

2.3.3.1 Number of mentors

Response: 33

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

The biggest challenge for an educational institute is to capture attention of a large audience of students, and pursue them aptly and collectively towards knowledge enhancement and behavioral amendment by creating an ever lasting impression on their mind. To tackle this challenge effectively, the college has implemented innovative ideas to make classroom experience more interactive and innovative.

ICT Based Teaching-Learning: The infrastructure is apt to execute this task effectively; as all the classrooms are ICT-enabled to impart knowledge through Audio-Visual Aids.

4 Smart Classes are developed to raise the educational experience at a different heights with an astonishing experimental Screen to bring alive the topic through dynamic images and videos to make the class interactive. Visualizer is an advanced educational projector extensively used in Biosciences for subtle study of tissue culture, cell biology etc.

Virtual laboratory is fundamental in nature, dealing with the various practical aspects of biosciences, physical sciences and chemical sciences as well. It helps students to understand comprehensively the

Essence of practical, Principles, procedure, requirement and execution of Science.

MOOC : Students are motivated to take online courses like Libre Office, Linex, C&CPP, ExpEYES, GChenPaint, Scilab, Introduction to Remote Sensing, Introduction to Super Conductivity through Three Platforms such as; IIT Bombay Spoken Tutorials, NPTEL and SWAYAM.

SCOPE: Society for Creation of Opportunity through Proficiency in English, a program in collaboration with Knowledge Consortium of Gujarat and Cambridge Esel University, UK is meant to develop four communicative skills LSRW.

College has educational collaboration with Royal Society of Chemistry for '**Learn Chemistry Project**'; under this project, students learn various principles of chemistry and their applications through study materials and videos. Students also raise their questions on this Portal and experts extensively explain the riddles online.

Knowledge Band and Creative Expression Band under Sapta-Dhara project provide students an innovative platform for Narrative as well as Communicative Skill Development through Essay Writing, Elocution and Extempore activities and competitions as well. Village Gazetteer Project under History Dept helps students to learn Documentation and Report Writing skills as well.

Digital Library: The college library provides students and teachers a larger platform of study resources through more than 31 Lakh e-books and 6,000 e-journals along with study materials, videos through LMS: Pathshala, Vidya Mitra and Sandhan.

Pre-incubation Room: Biotechnology students get training and perform their innovative projects Like Best out of Waste, Bio-fuels from Agriculture Fruits waste, Mushroom cultivation, composting etc.

Through Science Fair, 4G Carnival and participation at National-International Conferences, students are pursued towards 'Live Model Making' and 'Poster Presentation' projects.

Through Project-based Learning and Internships, students are acquainted with the practical exposure to Industrial experiences.

To give vent to creativity in learning for both students and teachers, various innovative methods are implemented e.g. PPT presentations and competitions, subject or topic based videos, in Arts, Text-based Movie sessions, students personify literary characters through Reincarnating literature program, topic based Debates, Discussions, Quizzes are organized as subtle learning resources.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 96.06

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 62.37

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
24	22	19	19	19

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 17.12

2.4.3.1 Total experience of full-time teachers

Response: 582

File Description	Document
Any additional information	View Document

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 9.09

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	1	1	0	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 5.66

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	2	2

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The college is affiliated to Hemchandracharya North Gujarat University. Thus, the systems mandated by the university are to be strictly followed by the college. Choice Based Credit and Semester System were introduced by the University in 2010 at PG and in 2011 at UG level. Since then, the university has introduced both Continuous Evaluation and End Semester Evaluation. In tune with the reforms made by the university, the internal evaluation system of the college is revised from time to time.

After the students get enrolled to the college, both Continuous Evaluation and End Semester Evaluation are well communicated to the students by way of notices, departmental and Mentor Meetings. During the Fresher's Orientation Program, the students are given a clear idea about the syllabus and evaluation procedures. The entire internal evaluation process involves class room evaluation, internal tests,

assignments and projects etc.

As a part of Continuous evaluation various methods are implemented by the college:

Skill cards: In consultation with industry experts, college has designed skill cards to assess the efficiency and accuracy of the students on various practical parameters. This Evaluation is made through various Industry Experts for skill level 5, 6 and 7 prescribed by National Skill Development Corporation.

Weekly Test: For Unit wise preparation, to cultivate exam aptitude and to get rid of exam phobia, weekly test are conducted.

Assignments: To develop writing skill and to deepen into the core subjectivity, assignments are given by all teachers.

Quiz : For minute study and preparation of the subject, Written as well as Oral Quizzes are organized by teachers at department and college level as well. Online MCQ tests are organized through college ERP.

Seminars: To develop communication and presentation skills and to test students' subjective preparations, seminars are organized at department level.

Debates: To test and develop logical understanding of the subject and multiple aspects, debates are organized at department level.

Projects & Internships: To test and develop fieldwork and project based learning skill among students about the multiple facets of their respective subjects Fieldwork and Projects are given at department level.

Industrial Trainings for Vocational Programs: To assess and cultivate Industrial practical Knowledge, large scale experience and latest innovations and instrumental work among students about multiple aspects of their respective subject industrial visits and training are organized for Vocational Programs specially.

Regular Semester Exams & Re-test: At the end of every Semester, college organizes Internal Test based on University Exam Scheme. For absent students, due to some special Socio-cultural or Health issues, Re-test is also organized .

File Description	Document
Link for Additional Information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The IQAC takes a number of initiatives for making internal assessment system transparent, effective and efficient with the involvement of both the faculty and the students. The Orientation program held at the beginning of every academic year appraises students and parents of the evaluation process and the schedule. Students are given opportunities in different modes to show and test their learning level throughout the

semester.

The Examination Committee of the college recommends a basic structure for the Internal assessment of theory and practical with guidelines for dealing with absenteeism. The faculty members however have a certain amount of flexibility in deciding on the kind of assignment so that creativity is not compromised.

Dates for the tests/submission of assignments are notified through the College Academic Calendar, the college notice boards and announced by faculty Mentors in the respective classes at least a week in advance.

Besides, routine tests and assignments, surprise tests are also conducted by the concerned faculty to gauge the comprehension level of the students. In each department, at undergraduate and post graduate level, a Mentor is appointed who then records curriculum transaction, evaluation and performance of the students. Students who underperform in such tests or are absent are counseled by the Mentors and HODs. If necessary, parents are also informed or called in the Mentor's meetings. This kind of exercise improves students' performance in the examination.

Further, after assessment, assignments are shared with students and marking pattern is discussed.

Students are asked to sign in the internal assessment mark lists/ registers of teachers once they are satisfied with the marks obtained (sample from a teacher's register uploaded).

If a student has a doubt about the marks obtained, he can give a written application to the Examination Coordinator. And the examination committee appoints a teacher to reassess the answer-sheet of the complainer. Thus, the marks of second assessor are considered. In this way, the college redresses students' grievances about their internal assessment objectively. Finally, the Internal Sheet is forwarded to the University (sample sheet uploaded). Thus, Transparency and security of evaluation system is ensured.

File Description	Document
Any additional information	View Document

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

There is a time-bound, transparent and proficient system to deal with grievances related to examination. At College Level, an Examination Committee (EC) comprising of senior teachers ensures effective redressal of the grievances of the students regarding examination and evaluation. The Mid-semester(Internal) examination and Re-test schedules are communicated to the students in advance. If a student has a doubt about the marks obtained at college Mid-semester Tests, he/she can give a written

application to the Examination Coordinator. And the EC goes through primary re-checking of the answer-sheet and if found doubtful, they appoint a teacher to reassess the answer-sheet of the complainer. Thus, the marks of second assessor are considered. In this way, the college redresses students' grievances about their internal assessment objectively.

Class wise Internal Evaluation Preparation Committees (IEPC) are also formed at college level to prepare final University Cumulative Internal-sheet. Before submitting the final Internal Evaluation sheet to the university, the IEPC takes the sign of every student. If a student raises any query related to marks statement, attendance or assignment, the IEPC promptly deals with mistakes/errors respectively.

The EC also ensures the proper and timely display of the End-semester(External) examination schedule on the college notice board and also on the college website and students' portal. At University Level, grievance regarding End-semester examinations conducted by Hemchandracharya North Gujarat University is handled by the administrative office in consultation with EC. During the examination, any kind of incongruity related to the examination is appropriately and aptly attended to and the university is contacted for the early redressal. The students, who due to some reasons are not able to write in the examination, are provided with writers as per university examination regulations. Whenever a grievance regarding wrong/non- declaration of their individual result; showing absent in the examination; non-receipt of award; misprinting in the award-list; re-evaluation form, etc. is received, the letters are sent to the Controller of Examination and other Exam related branches and hence, the grievances are dealt in a time bound manner.

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

To make the Continuous Internal Evaluation effective, the college Academic Calendar plays a pivotal role. Prior to the beginning of every academic session, the Hemchandracharya North Gujarati University (HNGU) uploads the Academic Calendar containing admission and examination schedules, vacations and other information. The College Academic Calendar is prepared well in advance, based on this University Academic Calendar, before the commencement of the semester by the Coordinator, IQAC along with active cooperation and valuable inputs from the Time-table Committee, the Examination Committee, and all the conveners of the clubs and Saptadhara coordinators. The same is uploaded on the college website for the knowledge of all stakeholders.

Keeping this College Academic Calendar, each HoD prepares the schedule of Seminars, allotment and collection of assignments, Unit Tests, Weekly Tests, projects and internships, industrial trainings etc which are part of Continuous Internal Evaluation.

Vocational Dept furnishes the Skill Card Evaluation by Industry Experts before the End-semester Examination starts.

In the case of attendance, Mid-semester exam, Re-test and assessment, the institution meticulously follows 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 on website and communicated to teachers and students

Response:

Programme outcomes, Programme specific outcomes and course outcomes for all Programmes offered by the institution are stated and displayed on the college website and are also available on Institutional Digital Repository (Digital Library). After the completion of the admission process, the college gives the glimpses of the three (PO, PSO, CO) through an Orientation Program for Fresher where, the academic activities, achievements, innovations and creative practices are shared with the students. During Department Club Meetings and Mentor Meetings, the PO, PSO and CO are communicated to all students in detail.

All the programmes of the college are clearly augmented with the Programme Outcomes- which is developed based on the core and prime objectives of the institution to cultivate students' career orientation at undergraduate and post-graduate level. In Vocational Programs, the college has the liberty to form, solely, the syllabus in consultation with the Industry Experts. Here the Program Outcome(PO) is purely Industry Need-based;

Programme Specific Outcomes – are rooted to describe the skills that the students acquire along with the subjective learning for career, employability and entrepreneurship cultivation. For example, along with the classroom teaching, equal weightage is given to Industrial Visits, Training, project-based learning, Subject based Certificate Courses, Internships and SSIP.

All HoDs have their department meetings to discuss the syllabus and the course outcomes with the teachers; the syllabus is allotted in portions to individual teachers; additionally through the Mentor Meetings these course outcomes are well communicated and discussed in detail with the students by the teachers respectively.

File Description	Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The college has planned the teaching, learning and assessment strategies in such a way as to balance each of the specified learning outcomes i.e. PO, PSO and CO. Provision of a sufficient learning environment,

proper implementation of the curriculum and effective evaluation system ensure the achievement of the specified learning outcomes. The college collects data on student learning outcome through different ways:

- Comprehensive student feedback in prescribed formats
- Feedback from parents, alumni, employer
- Seminar presentations and class room debates
- Surprise tests
- Evaluation through Skill card
- Mentor Card
- External examination results (university exam)
- Involvement in curricular and extracurricular activities
- Performance in Project-based learning, fieldworks and internships
- Oral and Poster Presentations in Science Fair conducted in college

The examination results and feedback reports are analyzed by the IQAC and steps for improvement are initiated. Performances of students in extracurricular activities are observed by the Sapta-Dhara Band coordinators and the teachers-in charge of various clubs.

The Department of Physical Education keenly observes the performance of students in sports.

Collge IQAC discusses the findings of the feedback of stakeholders and prepare action plan for the subsequent year, with the intention of attaining the learning outcomes. They review the performance of the institution with respect to the curricular, extracurricular and research activities. The department level academic activities like internal assessment, seminars, projects and academic discussions are reviewed by the Mentors. Results obtained in the semester examinations, higher education enrolment ratio, feedback from industries etc. indicate the successful achievement of the learning outcomes by our students. The data collected is used for the implementation of various projects/ programmes to bridge the gap in learning outcomes. The programmes implemented include:

- Classes for improvement of communication and soft skills.
- Students' Start Up and Innovation Cell
- Finishing School for Final Year Students
- Biotechnology Capacity Building Cell 6-7 days workshops for second and third year students
- Instrumentation Hands-on Trainings
- Infrastructural support like INFLIBNET, virtual lab, language lab etc. are provided.

2.6.3 Average pass percentage of Students

Response: 90.17

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 431

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

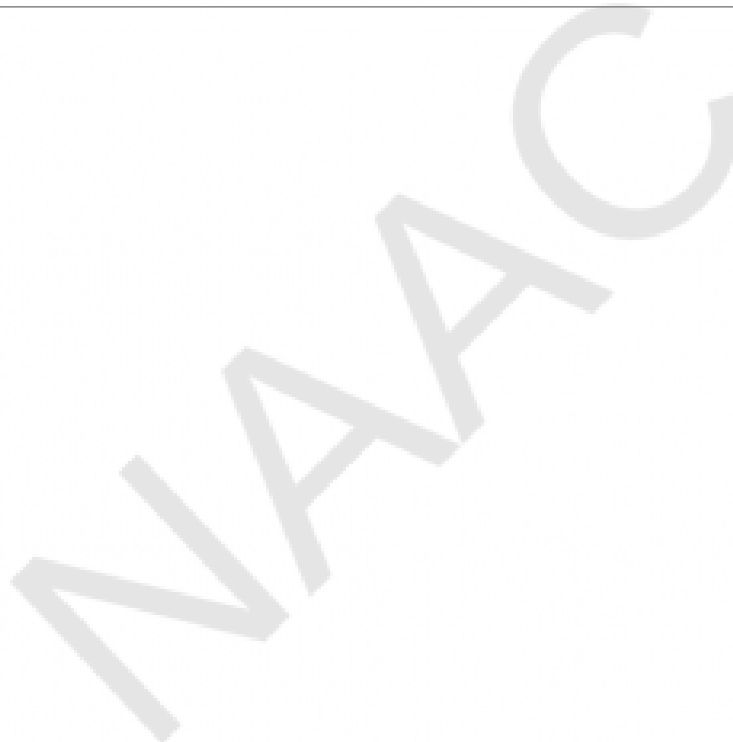
Response: 478

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.66



Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 17.65

3.1.2.1 Number of teachers recognised as research guides

Response: 6

File Description	Document
Any additional information	View Document

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

File Description	Document
Supporting document from Funding Agency	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The college has created an ecosystem for innovation including Incubation Centre and other initiatives for the creation and transfer of Knowledge. The college takes pride in mentioning some of the activities that has created an ecosystem for innovation, creation and transfer of knowledge such as:

Institute has a centre of 'Student Startup and Innovation Policy' (SSIP) from Government of Gujarat in which students are encouraged and sensitized for innovations. They are also provided financial assistant for their innovative research and to develop the prototypes of their innovations.

Sr No.	Activity Head	Amount Spent
1	Developing innovation and start-up ecosystem, pre-incubation facilities and co-working space	1,70,328/-
2	Activities, capacity building and recognition Technology platforms, Mentoring and allied support	1,32,130/-
3	Proof of Concept(PoC) and Prototyping facilities	5,92,100/-
4	Special initiatives to promote student start-ups and innovations, Documentation and Dissemination	1,05,542/-

Following Prototypes have been prepared under SSIP cell

Modified knives made from Carbon E8 high tempered steel, papaya nutrient powder, Composting from tea-waste, Organic compound detection kit, Spirullina protein Chocolate, Anti cavity chewing-gum, Herbal Jelly and Jam from Aloe Vera, Multi-Vitamin protein-rich nutritional mushroom powder, Liquid bio-consortia as a soil buster, Humanoid Robo, Biofuel and bio-catalyst from solid waste, Anti-inflammatory, analgesic and anti-diabetic candy and powder, Biodegradable water container.

A collaborative innovative research projects have been undertaken, with financial support of Rs. 1.64 crores, in association with Gujarat State Biotechnology Mission for (1) Bio-conversion of vegetable-market waste in value added product, (2) Bio-degradation of paper and pulp industrial waste and (3) Development of system for industrial waste water Treatment. In addition to these 2 major and 21 minor research projects have been undertaken funded by UGC, GUJCOST (DST) and Kadi Sarva Vishvavidyalaya and a total sum of Rs.1,96,97,000/- is mobilized.

Institute has developed following physical facilities for research incubation:

Advanced Plant Tissue Culture Laboratory:

A Well-equipped Plant tissue culture research laboratory with well-design growth room and Incubation

room having Sophisticated equipments like UV-Visible Spectrophotometer, Laminar Air Flow, Cooling Centrifuge, Phase Contrast Microscope, Research Microscope etc.

Central Instrumentation Laboratory:

The college has a Central Research laboratory with sophisticated equipments like GC, HPLC, UPLC, FT-IR, UV-Visible spectrophotometer, Karl-fisher , Tablet Dissolution Apparatus etc

Incubation centre for SSIP:

Soil-Testing Laboratory: Institute has two separate soil testing laboratories for the analysis of Macro and Micronutrients of Soil. More than 50,000 soil samples have been analyzed and issued Soil Health Card to farmers.

Library:

To explore the research literature, the institute library has subscribed N-List (National Library and Information Service Infrastructure for Scholarly Content) from INFLIBNET Centre. More than 31 Lakhs e-books and more than 6000 e-journals are available.

During last five years, more than 50 Seminars, workshops and conferences have been organized to develop research and innovation activities for students as well as faculties.

File Description	Document
Any additional information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 68

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
21	15	10	14	8

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research	
Response: Yes	
File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards	
Response: Yes	
File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years	
Response: 2.5	
3.3.3.1 How many Ph.Ds awarded within last five years	
Response: 15	
3.3.3.2 Number of teachers recognized as guides during the last five years	
Response: 6	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years	
Response: 0.61	
3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years	

2017-18	2016-17	2015-16	2014-15	2013-14
06	01	3	5	05

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 1.48

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
10	6	21	10	2

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

“KAR BHALA- HOGA BHALA” (DO GOOD AND GOOD WILL COME BACK TO YOU) is the Motto of our Trust and the college has always believed and has always stood up for the humanity services. To develop and maintain social harmony among community people and the students, the college has organized numerous extension and outreach programs through its NSS, NCC, Unnat Bharat Abhiyan Club, Sapta-Dhara Bands, Departmental Clubs and Women’s Development Cell. They help students to understand the underlying problems of our country and make them think of the possible solutions. Such activities not only boost students’ moral – spiritual strength but also enhance leadership skills in them. During the span of 2014-2019, with the collaboration of various NGOs, Govt. agencies and other non-profit agencies, the college has extended its services through students and teachers.

List of Clubs and their activities:

Club	Activities
NSS	<p>Adaptation of 'Khavad Village'</p> <p>Library Renovation Program</p> <p>Literacy Campaign</p> <p>Anti-addiction Campaign</p> <p>Plant Distribution and Plantation Program</p> <p>Street-play on 'Beti Bachao', 'Vyasank Mukti'</p> <p>Tree Plantation</p> <p>'Say No to Plastic' Rally</p> <p>Voter Awareness Program</p> <p>Thalassaemia Awareness Program</p> <p>Malnutrition Awareness Program</p> <p>108 – Ambulance & Khilkhilat Service Awareness Program</p> <p>Swine Flu Awareness & Prevention , Ayurvedic Syrup Distribution Program</p> <p>Annual Blood Donation Camp</p> <p>Animal Health Check up and Survey</p> <p>Village Census Project</p> <p>Yuva Rally</p> <p>Flood Relief material collection, Kit preparation and distribution at affected areas</p>
NCC	<p>Independence Day Parade at campus and Flag-hoisting at City Bus Depot</p> <p>Right to food</p> <p>Pollution Free Diwali</p>

	Rotti Day
	Pure Environment program
	Thanks Giving to Labourers program
	Swayam Siddha program
	I Can – Initiative
	Keep Smiling
	Multiples Life- Organ Donation Awareness Program
	World Yoga Day
	Campus Cleaning
	Service of Love
	Polio Eradication Program
	Traffic Awareness Program
Unnat Bharat Abhiyan Club	Adoption of Four Villages: Untava, Sujatpura, Kolad, Jayadevpura House hold survey Preparation of Village Development Plan Updating Existing Technology Village Toilet Project Wall-poster and Slogan Campaign
Creative Expression Band	Debates, Essay Writing, Elocution, Extempore, Poetry Recitation on Gender Sensitization, Social and National issues
Knowledge Band	Oral and Written Quizzes, Invited Talks on Women and Youth Empowerment, Archeological Heritage, Indian Constitution Guru Purnima, Teachers’Day, National Leaders’ Anniversary Celebrations
Fine Arts Band	Rangoli, Poster Making, Cartoon & Scien-toon, Collage, Clay Modelling, T-shirt Painting on various current issues related to environment, social discrimination and patriotism.
Theatre Band	One-act Play, Mime, Skit on current socio-cultural issues
Music & Dance Band	Folk Dance and Music, Patriotic Songs and group dance, Republic Day Special presentation
Departmental Clubs	Superstition Prevention Program

	Village Gazetteer Project
	Poster-Slogan Making Program
	Green Day Celebration
	Reincarnation of National Heroes & Literary Characters
	Floating Library Project
	Audio Study Material Preparation for Blind students
	Science Fair with Live Models
	Farmers' Meet
	Soil Health Card Project
Women's Development Cell	Best out of Waste, Cooking, 60 Days Rexine Bag making Workshop, Self-defense workshop, 30 days Women's Entrepreneurship Training Workshop

File Description	Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 3

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
02	0	01	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 140

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
34	25	26	26	29

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 47.91

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1390	850	1050	473	162

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 38

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	01	22	14	1

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 0

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
00	0	0	0	0

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The college has state of the art infrastructural facilities for teaching and learning which includes well-equipped classrooms, laboratories, workshops, computing equipments, seminar halls, conference halls and library supported with A.C reading room.

Academic Building and Classrooms:

The academic building of the college is in two Blocks: Block A and Block B and both blocks are connected with bridge. There are total 22 classrooms and all are ICT enabled. Few classrooms are Air-conditioned. To ensure its optimal utilization, besides conducting regular classes, the classrooms are used for conducting remedial coaching, certificate courses, annual and semester examinations; departmental meetings, mentoring sessions, association activities, Parent-Teacher meet, alumni meets, book exhibitions and training programmes.

Laboratories:

Institute has separate laboratories for various science courses; 7 laboratories for chemistry and pharmaceutical chemistry program, 3 physics laboratories, 2 Biology laboratories, 3 Biotechnology laboratories, 2 Computer Laboratories, each one for Mathematics and Vocational Program and 1 Language Laboratory.

There is a **Central Research laboratory** equipped with highly sophisticated equipments like Gas Chromatography (GC), High-Performance liquid chromatography (HPLC), Ultra-pressure liquid chromatography (UPLC), UV-visible spectrophotometer, FT-IR , PCR machine, Cooling Centrifuge etc.

A separate **Advanced Plant Tissue culture laboratory**, equipped with Horizontal Autoclave, 2 Leminar Air- flow, Inverted Microscope, Phase-contrast Microscope Incubator and automated Incubation Racks, is developed for research work in the area of tissue culture.

Workshop for Vocational program:

Institute has developed following workshops for skill based vocational programs.

- Textile and Ginning Technology workshop equipped with 6 Double roller Ginning Machines, Lathe Machine, Milling Machine, Drilling Machine and Welding Machine (Gas+ Arc) and Electrical Equipments.
- Ceramic workshop equipped with Equipment for Drying, Glazing, Casting, molding and chemical testing.

Library:

Institute has central library facilities with fully computerized, easy access system with a collection of 28225 reference books and textbooks, more than 31,35,000 e-books and 6,000+ e-journals, 80 periodicals and journals and 623 CD's/Videos. The library has Air conditioned Reading Hall with 100+ seating capacity.

The library provides N-List, INFLIBNET, Shodhganga, Digital Library using D-space Software, Online Public Access Catalogue (OPAC), Book Bank facility software and computers with internet facility for students and teachers.

Computing Equipments:

The college has 181 computers in all the departments for day-to-day use for students and the staff. 850+ tablets are provided to the students by Government of Gujarat to enhance their learning capacity. Computers are also provided in staff rooms and departmental laboratories. All the departments and computer labs are connected with 100 Mbps bandwidth and with various software and tools to enhance teaching, learning and research process.

Virtual Classroom: The College Virtual Classroom has the remote learning for students. It is equipped with 3600 PTZ camera, ICT tools, smart-board and People link software for two way communication interaction.

Seminar Halls: The College has three seminar halls are equipped high-definition ICT tools with the capacity to accommodate 200 to 1500 students. The seminar halls are meant for invited lectures, seminar, conferences and academic events.

File Description	Document
Any additional information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities

Response:

The institute provides excellent sports facilities for indoor as well as outdoor games, fully equipped Gymnasium facility separately for Boys and Girls, Yoga centre and cultural activities.

Sports Facility:

The college has multiple indoor-outdoor sports facilities like UGC funded Centralized Air Conditioned Multipurpose Indoor Sports Complex of National stature, Tennis Court, Horse-riding Track, Shooting Range etc. The Indoor Stadium is accessible to all students and staff from 5:30 am to 8:00 pm. The College Physical Director, along with trainers, cultivate the students in more than 21 games and athletic events such as Badminton, Kho-Kho, Kabaddi, Volleyball, Table Tennis, Wrestling, Archery, Shooting, Chess etc. for collegiate, inter-collegiate, zonal and national level events.

SPORTS FACILITIES:

Sr.No	Indoor Games	Outdoor Games
1	Badminton	Rifle Shooting
2	Table Tennis	Softball
3	Kabaddi	Baseball
4	Volleyball	Kho-kho
5	Pool table	Archery
6	Ball Badminton	Tennis
7	Chess	Javelin Throw
8	Carom	Shot put
9	Karate	Disc Throw
10	Basket Ball	Football
11		Hockey

Gymnasium Facility: The College has Gymnasium facility separately meant for Boys and Girls. Both Gymnasiums are equipped with dumbbells-set, multiple exercise equipments, Elliptical Cycle etc.

The major equipments available in Gymnasium are:

Sr.No	Name of Equipment
1	Lat-pull down Machine
2	Butter fly Machine
3	Shoulder Press Machine
4	Leg-press Machine
5	Treadmills (Manual, Auto)
6	Cycles
7	Hand and Leg Cycle
8	Leg Extension Machine
9	Abdominal Machine
10	Side-Handle Machine
11	Dumbbells-set and Plates (2.30 Kg to 20 Kg)

Infrastructure for Yoga:

A separate hall is provided for regular Yoga training centre for students as well as staff.

Infrastructure for cultural activities:

The Multipurpose Hall is available for Practice and performance of cultural activities such as Skit, mime, folk dance, one-act play etc. A separate Cultural Room is equipped with multiple sound system, various musical instruments like Harmonium, Tabla, Dholki, Dhol, Flutes, Lezim, electric organ etc and various costumes for events like Falk dance, mime, skit, play etc. The college has an Open-air Theatre for the performances of more than 27 cultural events to voice the hidden cultural talent of the students.

File Description	Document
Any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 26

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 32.51

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
9.46	54.19	30.06	67.99	30.97

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Yes, Fully Automated

Description:

The core of every proficient education institute is its library. We have transformed our library into a vibrant center of academic excellence, research, and learning. The Library is a core resource centre to all the academic activities of the College. It provides a techno-friendly platform, rich data-base and efficient hands to assist study.

The Library is Fully Automated with SOUL 2.0 (Integrated Library Management Software) Developed by INFLIBNET Center of UGC. The SOUL 2.0 is supporting international standards like MARC 21, AACR-2, ISO2709, MARCXML, Multi Language Supports etc. The Library Management Software consists of modules such as Acquisition, Cataloguing, Circulation with Barcode Facility, Serial Control, OPAC and Administration. The ILMS has additional features of Member's photograph display during transaction, Book reservation facility, book-status - issued / available/lost/damaged. Other facilities like database backup/restore facility, Book bank facility, inter library loan facility etc.

The Library has its own Institutional Digital Repository using D'Space Open Source Software. The Repository consists of Previous Yeas University and College exam papers, Study Material , Syllabus etc. User can view or download the files by using library website online. OPAC and WEBOPAC facilities are made available to the users.

The library has a rich Open Access Resources in the form of Courseware and Learning Resources;

- Online educational videos through Spoken Tutorial by IIT Mumbai, Sandhan, NPTEL, videolectures.net and PhET.
- Study material through Pathshala, Swayam, Vidya Mitra, doab, RBR, DOAJ, NISCAIR, NCBI, Springer Open, Science Alert and i-See.
- Virtual Labs through AMRITA.

Sr.No	Description	Remark
1	ILMS Software	SOUL 2.0
2	Nature of Automation	Fully Automated
3	Digital Library Software	D'Space 4.1
4	Online Library Services	Library's own website
5	Power Backup facility	UPS
6	Library Server	IBM Server
7	Internet surfing Nods	12 PCs for Students and Faculty
8	Electronic Visiting Register	Self Developed Software
9	Library OPAC for users	2 PCs for Library Searching
10	Reprographic Service	2 Printers , Xerox and scanner
11	Year of Automation	2010

The library is a knowledge source of college and provides adequate services to its users. Library has a collection of 28,225 Books, 623 CDs/DVDs and 80 Periodicals to fulfill the academic needs of researchers, students, teachers and other staff members of the college community. Library also serves to the outside users through ILL (Inter Library Loan Facility). Library has an Air conditioned Reading Hall with seating capacity of 100 readers. All library services are accessible from 7:30 a.m. to 10:30 p.m. except Sundays and public holidays.

The library is having membership of N-List of INFLIBNET. The N-List provides access to 6000+ e-journals and 31,35,000 e-books. The library has a sovereign website having its own URL <http://14.139.122.106/library/Home.aspx>. The library offers various services to its users like individual user ID-Password to all the staff members and students for round the clock access of library resources, automated circulation system, Online public access catalogue, Reprography, internet browsing, library orientations, book bank facility, newspaper clipping, current awareness service and selective dissemination of information etc.

File Description	Document
Any additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

The library is an integral part of our college which accomplishes the knowledge thirst and expectations of the students and faculty.

Since the year of its inception, the library is enriched with a collection of 28225 books, 80 periodicals, 673 Back Volumes and 630 CDs/DVDs. The library has a collection of reference sources like Encyclopedias and Dictionaries. *Encyclopedia of Britannica* 32 Volumes, *Encyclopedia of Science and Technology* 20 volumes, *Everyman's Encyclopedia* 12 volumes, *Encyclopedia of Indian Literature* 6 volumes, *Britannica Ready Reference Encyclopedia* 10 volumes, *Encyclopedia of Plant Breeding* 5 volumes, *Encyclopedia of Plant Tissue Culture* 5 volumes, *Encyclopedia of engineering chemistry* 4 volumes, *Encyclopedia of Biotechnology* 5 volumes, *Encyclopedia of Careers and Vocational Guidance* 5 volumes, *Prasannika Gyankosh* 9 volumes, *Gujarati Vishwakosh* 25 volumes, *Bhagvadgomandal* 9 volumes, *The Oxford English Dictionary* 20 Volumes and many more.

The rare books are collected in the library such as *Shrinath Charitamrut* published in 1910, *Gandhiji no Akshardeh* 36 volumes, *Vayu Puran* published in 1914, *Purna Yog : Karma Yog* published in 1922, *Shrimad Bhagavat* with Commentary in Gujarati, published in 1923, *Upanishad Jyoti* Vol: I & II published in 1929, *Prachin Hind ma Sanghjivan* published in 1934, *Shri Chaitanya Mahaprabhu* Vol: I, II & III Published in 1936 , *Jawaharlal Nehru's Autobiography* in Gujarati published in 1937, *Motibhai Amin : Jivan ane Karya* published in 1942, *Gandhi Babu* original enlarged version in Gujarati published in 1947, *100 Upanishad* with translation and commentary in Gujarati published in 1962, *Vayu*

Puran and *Narad Mahapuram* published in 1968, *Varah Mahapuram* and *Brahmavaivarta Puran* Vol: I & II published in 1970, and 14 Historical Manuscripts are available in the library.

The Library has membership of N-LIST. E-resources are available on the library website, web portal link and library also has additional linkage for rare books, Manuscripts and other open access e-resources.

<https://www.rarebooksocietyofindia.org/>

<http://www.rarebookroom.org/>

<https://doabooks.org/>

<http://www.oapen.org/home>

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 2.91

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
2.66	3.06	3.20	2.36	3.26

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 78.69

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 1222

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

This college has successfully amalgamated IT facilities to improve teaching, learning and evaluation processes, and to make the administrative process user-friendly, competent and transparent.

OPTIC FIBRE NETWORK

- The college has three types of Internet connectivity.
 - Under e-Governance project of KCG, Government of Gujarat, all the college departments are networked through leased line with 100 mbps speed broad band connections. This enables all the students and staff members with high speed internet access on their personal

- laptops and tablets.
- The College Management has provided leased line with 100 mbps bandwidth internet services to all the departments, computer and Language laboratories and all the classrooms.
- Under MHRD project NMEICT, Govt. of Gujarat has provided 10 mbps speed internet connection for conducting online SCOPE examination.
- A dedicated server has been equipped for network management of the college, along with firewall and other software for advanced network security.

EQUIPMENTS

- Departments are well-equipped with the essential IT infrastructure like Computers, Printers, Scanners, projectors and speakers.
- The College has four smart classrooms while rest of all classrooms are equipped with LCD projector, Computer, Internet connectivity and speakers.
- The ICT facilities are protected by dedicated UPS system.
- The Virtual Classroom is equipped with 3600 PTZ Camera with a Software for Two Way Communication.
- All the students are provided with Lenovo and Acer Tablets at a nominal cost of Rs 1,000 and this amount is reimbursed to students coming from socially and economically backward class.
- Seminar Hall and Indoor Stadium are well-equipped with High Definition Projectors, Audio System and Wi-Fi facilities.

COMPUTER LABS

- Mathematics Department has computer lab with 52 computers, smart board and sound system.
- Vocational Department has a separate computer laboratory with latest (i7) 27 computers systems with Internet facilities.
- Language Laboratory is equipped with 25 computer systems along with head-phones, projector and sound system.
- All the sophisticated instruments in the Central Research Laboratory are connected with computers, printers, scanners and internet facilities.
- Library and Principal Office are equipped with 52 inch LCD Televisions which are connected with more than 125 cameras to maintain college security and discipline.

SOFTWARE AND TOOLS

- Quant mol N Software for Physics
- Students and faculty have access to resources of INFLIBNET
- Library utilizes SOUL 2.0 Integrated Library management system and SOUL WEBOPAC and D'Space Open Source Software for Digital Repository.
- Nova Software for Chemistry
- Chemskech Builder 603 for Research Laboratory
- ERP is purchased for smooth administrative work, online attendance, easy access to study material, online exams etc.

- Quick Heal Total Security Antivirus to secure college computer data
- Matlab licensed version for Maths
- Bio-access for Staff attendance
- Tally, MS Office 7 Professional, Windows 7 Professional, Acrobat DC and Windows 8.1 licensed software versions are purchased for day to day effective Office work.
- Open source software like PYTHON, Scilab, Kile 2.0, Linux, LibreOffice, ExpEYES, GChemPaint, QtiPlot are installed for effective Teaching-Learning and Research work.

File Description	Document
Any additional information	View Document

4.3.2 Student - Computer ratio

Response: 127:50

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Response: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 28.1

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
23.28	29.87	30.29	28.53	41.84

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The college has well-established machinery for maintenance of college facilities. This is achieved through the active role of various committees like Maintenance Committee, Building Committee, Purchase Committee, College Governing Board and IQAC with necessary support systems.

PHYSICAL FACILITIES

- The building maintenance is taken care of by the Maintenance Committee by inviting maintenance requirements from relevant departments; the minor complaints are entertained immediately while the major maintenance issues are resolved during the holidays.
- Adequate budget is allocated for annual maintenance of college infrastructure
- Sufficient support staff is maintained to upkeep infrastructure
- Major equipments, ICT instruments and UPS are under AMC
- Water Coolers are regularly serviced.
- Plumbing maintenance and repair includes water and sewage systems.
- For Classroom Maintenance, the Management provides us contractual Plumber, Electrician and Carpenter.
- Fire Extinguishers are refilled every year regularly under AMC
- Under ground and over head Water Tanks are cleaned regularly and water analysis is done by Department of Biotechnology for health and hygiene of students and staff.

LABORATORY FACILITIES

- Annual Stock verification is taken care of in Science laboratories for smooth and continuous practical work.
- Laboratory Equipments are repaired periodically and sophisticated equipments are maintained under AMC.
- Refurbishing of laboratory equipments is done at regular intervals.
- Calibration of laboratory equipments is sought regularly.

COMPUTER FACILITIES

- All the computers, printers and scanners of the college are under AMC.
- The college has a mechanism of adopting free software and anti- piracy protocol
- OFC broadband connectivity problems are addressed by the Management Technician.
- Internet facilities are secured by a dedicated firewall.
- In order to minimize e-waste, computers are serviced and reused as far as possible.
- Quick Heal Total Security Antivirus licensed Software is purchased to secure college computer data.

LIBRARY FACILITIES

- Maintenance and digitizing of rare books, manuscripts and reports with special care.
- IT infrastructure is improvised in the libraries
- OPAC system for book search has been devised and regularly updated.

SPORTS FACILITIES

- Department of Physical Education monitors the maintenance of Sports Facilities.
- Regular maintenance of sports equipments.
- Regular inspection of sports field.
- Giving top priority to the safety of the players by renewing protective guards.
- Hiring professionals for special sports training and field maintenance.

The equipments in Gymnasium are regularly serviced and new ones are purchased whenever required.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 46.88

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1008	797	770	737	592

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Any additional information	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 7.03

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
121	108	115	111	135

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 6.92

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
282	163	66	44	0

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 5.13

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
126	143	99	54	0

File Description	Document
Details of the students benefitted by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 0

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 41.21

5.2.2.1 Number of outgoing students progressing to higher education

Response: 197

File Description	Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 3.54

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) year wise during last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	4	0	12	20

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
679	712	554	81	925

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

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) during the last five years.

Response: 0

5.3.1.1 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-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

The students of the College play an important and active role in academic, administrative, and research progression.

Student representation in various academic and administrative bodies:

Departmental Students Clubs: There are 8 departmental clubs in Science and Arts; where students are the department representatives to look after curricular, co-curricular and extracurricular activities throughout the year besides other supporting positions. The Department clubs are guided by staff advisors, HoDs and the Principal of the college.

College IQAC (Internal Quality Assurance Cell)

Here to specifically mention that college has a distinct Students' IQAC Wing to take active part in reading IQAC Coordinator's College Development Report as well as to participate in the discussion about the future plan of institutional development from academic point of view.

Students' Grievances Redressal Cell

Grievances Redressal Cell has two students' representatives; Students share their suggestions or grievances through the Suggestion Box. The committee during the meetings discusses the matter and helps to solve the students' problems. Here grievances related to infrastructure are addressed by management while student representatives play a prominent role in addressing the grievances related to discipline, academics and administrative hindrances.

Anti-Ragging committee

Anti-ragging committee has two students' representatives; as per UGC guideline, these students, with the departments students' representatives, complete the task of online registration on UGC Anti-ragging Cell Portal 'Aman' and collect the students-parents affidavits for Mentors' record. They also help campaigning for the fresher as well as juniors to feel at home and fearless to contact the college authorities for their college, hostel or socio-economic intricacies.

ICC (Internal Complaints Committee)

Internal Complaints Committee has two girls students' representatives; along with the department students' representatives, they work to make students, particularly girls, aware about physical-mental harassments and actively take part with the committee members to avoid some such practices in the college.

Hostel Committee

The college has Boys and Girls hostel committee with two students' representatives, to look after the students' requirements, to avoid food waste, to manage the meals and to sort out infra-hospitality related difficulties. They also actively organize Hostel Cultural celebrations and Sports activities.

Sapta-Dhara Committees: 'Sapta-Dhara' is a student centric innovative practice i.e. the seven Bands – Creative Expression, Fine Arts, Music & Dance, Theatre, Knowledge, Social Service as well as Sports & Yoga Band. **In each band committee**, 2 student representatives work with the Coordinators to provide a larger platform for registration, organization and participation of students in Intra-inter college events.

Event Management Committee

The college has an Academic Calendar with Students' events within the annual cycle. In all co-curricular committees/societies including **NSS, NCC and Sports**, students have active participation in Discipline Committee, Decoration Committee, Stage & Guests' Hospitality Committee, Prize Distribution committee. They play a pivotal role to organize_ Students' Orientation and Parents' Meet, National Memorial days like Gandhiji-Vivekananda Birth Anniversary, Independence Day, Republic Day, Teacher's Day, Guru Purnima, Farewell & Annual Day, Fresher's Welcome Program "Treasure Hunt", Science Fair, 4G Carnival- as Science events, Samvedana, Lit-Fest, as Arts events etc.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 5.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
06	06	05	06	05

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Pramukh Swami Science and H.D.Patel Arts College is run by Sarva Vidyalaya Kelavani Mandal (SVKM). There are more than 72 institutes in various disciplines and more than 52000 students are perusing their higher studies under the umbrella of SVKM; 100% Office Bearer of this 100 year old Philanthropic Trust are the alumni of this Trust.

Pramukh Swami Science and H. D. Patel Arts College has a Functional Alumni Association - PAA as an integral continuation of relationship with the students with their alma mater since 2006. More than 3,000 members have been registered during last five years in this 10,000 members Association- PAA. Since 2013, PAA has developed into 8 Departmental Chapters with a very active calendar of activities through which it connects Alumni not only the college activities but also brings under its fold the alumni for various projects and events. It also organizes various curricular and co-curricular programmes. It also provides professional linkages with its Alumni. All former faculty members and Alumni are invited on all formal functions of the college. Chapter wise alumni meet is organized regularly to showcase their expertise and contributions to the college.

On joining the college, a student becomes a member of PAA. In order to achieve this, each student pays single life-time membership charges in the first year.

PAA Meetings provide a platform to the former students to share their suggestions with respect to the functioning and infrastructural as well as academic growth of the college. Alumni Meets are also held by various departments where the former students share their industry/academic experiences with the students which enable them to gear up with the competitive world.

Through the Alumni Feedback, The College utilizes the intellectual inputs to enrich the curriculum and enhance the quality of curriculum implementation by organizing Innovative Task Force.

On regular basis, Alumni are **part of the College IQAC**. They are regularly invited to participate in the Quarterly College IQAC Meetings to come across the academic development of the college and become part of the future development plan through their precious suggestions.

During **the College Placement Camps**, PAA plays a pivotal role by giving placement to the current year

students to their educational as well as industrial set ups. The College Alumni extend their services as Pre-placement Camp Preparations in the form of Formal Training for Interviews, GDs and Competitive Exam preparations.

Three Fold Work in Vocation programs: the College Alumni are invited to participate in BoS as Industrial Representative as well as they have become an innate part of the Vocation Program as;

1. To design Skill-based Curriculum
2. To provide Industrial visits – trainings and expert lectures
3. To offer Placement

Financial Support: PAA has received more than 10,00,000:00 (Ten Lakh Rupees) Development Fund in the form of Alumni Contribution & Membership Fees, for instituting scholarships, organization of Seminar/Conferences. PAA has also sensitized the Institutional Growth by donating Sophisticated Industrial Instruments like Gas Chromatography and books for College Library to enrich the teaching-learning and research activities.

File Description	Document
Any additional information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

Response: ? 5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 36

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	8	6	6

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

The vision of this institution is,

“To keep pace with global advances in education, by providing value based knowledge and nurturing professional skills in the areas of Science, Arts and Vocation, with special emphasis on societal elevation through rural development”

To accomplish the vision our Mission is,

- 1.To achieve the status of “Centre of Excellence” after being recognized as ‘College with Potential for Excellence’.
- 2.To make students more employable through Vocation Education
- 3.To raise self-employability through Students’ Start Ups and Innovations.
- 4.To strengthen Industry-Academia linkages for advance curriculum design, training and placement.
- 5.To develop new Teaching – Learning Pedagogy to stimulate “Digital Educational Youth”
- 6.To cultivate research attitude and soft skills among the students.
- 7.To instill enthusiasm for preservation of languages, art and cultural heritage.
- 8.To create state of the art infrastructure to facilitate teaching, research and sports.
- 9.To promote the teachers for consultancy and patent generation.
- 10.To contribute to societal elevation by empowering women through Value based education.

The mission statement defines the institution’s distinctive characteristics as follows:

◦ **The Needs of the Society:**

Demographic set up of the society within which we work is an intimate combination of rural and urban population. As we are one of the active constituents of society surrounded by multiple industrial sectors, the curricula/ programmes evolved by us; along with basic sciences, humanities, social sciences, vocational programs, SSIP and applied courses like biotechnology are in proportion to the diverse socio-industrial needs. B.Voc., Community College, M.Voc. under DDU Kaushal Kendra, Skilled-based Add-on program, soft skills programs etc are intended to swiftly fulfill the growing needs of the society.

◦ **The Students it seeks to serve:**

Our students populace is dominated by girls and consists of a large number of socially backward classes (SC, ST and OBC), mainly from vernacular medium of instructions. Keeping the women’s Empowerment at the core, Life skill courses, workshops, trainings are initiated to strengthen socio-economic self-reliance and entrepreneur aptitude.

The courses which we have selected, teaching learning systems which we have evolved, the co-curricular

and extra-curricular activities which we have made available within campus is to create educational thrust among the students.

- **Institution's Traditions and Value Orientation**

Main objective of our institution is to provide qualitative higher education to the students by adopting the National Schemes like UBA and SBSI along with Sarva Netrutva Project adopted by the Trust, our aim is to make students an innate part of the rural development. In the same way, by implementing the State Government Schemes like Sapta-Dhara and Udisha, our aim is to facilitate and to conserve the local traditions, culture and social balance. Our value orientation always promotes Equality, Accessibility and Fraternity through a strong sense of social accountability.

- **Vision for the future:**

The mission clearly indicates some of the futuristic goals of the institution such as promoting consultancy and patent generation through innovations. The college also aims at achieving "College of Excellence" status.

6.1.2 The institution practices decentralization and participative management

Response:

The college practices decentralization and participative management by involvement of its stakeholders in college management.

The apex decision making body is the Management- Sarva Vidyalaya Kalavani Mandal (SVKM), Kadi. The management forms College Governing Board (CGB), which takes care of the college management. CGB is comprises of representatives from the management (SVKM), industry, Kadi Municipality, Directors and Principals of the campus institutions. For the Vocational programs, as per UGC guideline, we have established Board of Management (BoM) for the smooth functioning of community college program. After the up-gradation of B.Voc. and Community College programs to DDU- KAUSHAL Kendra, the BoM is reconstituted as Advisory Committee.

The Management has appointed a Vice-principal of the college who is assisted by Faculty in-charge for Arts and Science discipline and Nodal officer of vocational program. The administration is made decentralized in order to delegate authority and autonomy to HoDs for effective academic governance of their department.

The College Management is equally participative in the development process of the institute. Along with all qualitative academic initiatives, the Management is keen towards College Infrastructure development. For example, in the construction of the Multipurpose Indoor Sports Complex, against the UGC Grants of 70 Lakhs, the Management has contributed over 4 Crore Rupees to raise it to National level stature. Similar contribution is made for the construction of the Virtual Classroom, Library, Reading Hall and Central Research Laboratory.

IQAC: The College IQAC comprises of Management representatives, Principal, Vice-principal, HoDs,

industry representatives, alumni and current students. IQAC forms various committees for co-curricular and extra-curricular activities. College regularly organizes IQAC meeting during every quarter in a year.

College is having various committees for co-curricular and extracurricular activities. Each committee has a convener and members under the chairmanship of the principal.

The important committees are

Admission committee

Timetable committee

Examination committee

NAAC/IQAC committee

UGC committee

Sapt-dhara (7 bands)

1. Creative Expression Band
2. Knowledge Band
3. Theatre Band
4. Music and Dance Band
5. Fine Arts Band
6. Social Service Band
7. Sports and Yoga Band

Placement Cell

Anti-sexual harassment committee

Student Redressal Cell

Disciplinary and anti-raging Cell

Research committee

Library committee

Alumni Association

Purchasing committee

Tour Committee

RUSA committee

File Description	Document
Any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The college has a precise action plan and strategies for students' educational and career orientation. For this, the valuable suggestions by the NAAC Peer Team are inculcated in the Strategic Plan and implemented successfully.

Through College IQAC, the institute involves stakeholders to share their inputs for college development and is taken into account during planning and execution.

Important Perspective plan and implementation 2013-18:

Perspective plans	Action taken
Construction of Indoor Sports Complex	Well Equipped Centralized Air Conditioned Indoor Sports Complex was fully functioned from 2014-15
Initiation of B.Sc. Physics	B.Sc. Physics program from 2014-15.
Applied for Vocational Programs	Two B.Voc and two community college programs in 2014-15 in Pharma, Agriculture and Textile Service Sectors.
To establish 'Micronutrient Soil Analysis Laboratory'	Well Equipped Micro-nutrient laboratory in 2014-15.
Apply for Ceramic Technology- Community College	Community College program on Ceramic Technology from 2015-16
Participation for Rankings as an Academic Audit	Participate in NIRF for 2017-18 and 2018-19 , Participated in 'India Today Ranking ' in 2017-18 and Awarded 'Best 100 college of India Award' in Science & Arts categories Participated in GSIRF conducted by Government of Gujarat and ranked among top 10 colleges of the state.
Perform Green Audit and Safety Audit	Green Audit and Safety Audit by Department of Environmental Sciences, HNG University, Patan.
Research laboratory Up-gradation	Research laboratory is up-gradated with sophisticated equipments like UPLC, PCR, Laminar Air-flow, Tablet Dissolution Apparatus, Karl-fisher etc.

Infrastructure Development for Vocational Programs	Well equipped Ginning, Mechanical, Electrical and ceramic Workshops are developed
To establish Innovation and IPR cell.	Established 'Students Start-up and Innovation Policy' (SSIP) center from Government of Gujarat
Community services through 'Unnat Bharat Abhiyan' and 'Swatch Bharat Summer Internship'	<p>Under UBA, Five villages adopted for save water campaigning, film and street plays for social awareness, up-gradation of library and computer facilities</p> <p>Under SBSI, 50 students worked for 100 hours in five villages and awarded Top Three Prizes for extraordinary social services from HNG University, Patan</p>
To organize students and Faculty development programs.	<ul style="list-style-type: none"> • 120 students participated in International Student Development program in collaboration with British Deputy High Commission, UK • Prof. Nigel Mason, Open University, UK and Ms Devanshi Shukla, Young Scientist & Research Scholar, Canada invited for International Research Talks • Various National level seminars, workshops on Environmental Conservation, Maths, Revised Accreditation method, Agriculture, Biotechnology & Sustainable Development • FDP on skill development & Software Training • State level events on Drugs Development, PYTHON, Latex softwares, Website development, Electronic Circuits, Gazal Writing etc. • University level workshops on Elocution, Archeological Survey, Digital India, Women's Law Awareness Workshop, Self defense workshop etc
Value Added Courses	<ul style="list-style-type: none"> • More than 30 Value Added Courses on Rxine Bag Making, Basic Refrigeration, Cooking, Fashion Designing, Repair & Maintenance of Home Appliances etc for self-employment.
Industry -Academic MoUs	<ul style="list-style-type: none"> • 48 MoUs with various industries and research institutes for students' Training and Placement. CERA Sanitaryware Ltd, Somany Ceramics, Pashupati Cot-Spin, Green-field Biotech, Krishi Vigyan

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The college is a Grant-in Aid college affiliated to Hemchandracharya North Gujarat University, Patan. The college is managed by a hundred years old Philanthropic Education Trust- Sarva Vidyalaya Kelavani Mandal (SVKM), Kadi.

Administrative Set-up:

The college has College Governing Body (CGB) comprises of representatives from the Management (SVKM), Industry, Kadi Municipality, the Principal, Directors/ Principals of the campus institutions. To assist the Principal in administrative, academic and financial matters, the Management has appointed Vice-principal, two Faculty In-charge from Arts and Science and a Nodal officer of Vocational program. Every department is headed by an HoD who takes care of the academic and administrative objectives of the department.

The non-teaching Office wing consists of a Head Clerk, Accountant, and Junior Clerks to look after the college administrative responsibilities while laboratory assistant, plant collector, electrician, computer operator, store keeper, lab-hamal and peons to discharge different duties of academic as well as administrative setup of various departmental laboratories.

Decentralization of responsibilities is made by constituting various committees headed by Coordinators. Administrative, academic and financial matters are handled in democratic and transparent manner.

Procedures for Recruitment:

1. Permanent Grant-in aid Posts (Grant-in-aid): These posts are recruited by the Government of Gujarat, according to the norms of the University, State Government and UGC.
2. Permanent Management Appointed posts: These posts are recruited by the Management as per the recruitment ordinance of the university.
3. Contractual posts: For the skill based vocational program (B.Voc, Community College and DDU-KAUSHAL Kendra), the recruitment is carried out by the Management as per the norms of University Grants Commission.

Service Rules:

All the Teaching and nonteaching staff members are regulated by the service conditions laid down by Government of Gujarat, the university and the trust-SVKM.

Procedures for Promotion: This is carried out according to the rules of State Government and Hemchandracharya north Gujarat University, Patan.

Grievance Redressal:

The grievances of teaching and non-teaching staff and the students are redressed by Grievance Redressal cell constituted in the college. The college has other committees as well to address issues of the staff and the students like Anti-Ragging Committee, Internal Compliant Committee, SC/ST/SEBC/Minority Committee, College Complaint Box operated by the Management, RTI act etc.

Mechanisms for Grievance Redressal:

a) Student's suggestion Box – Students can drop their written complaints/suggestions in the suggestion box. The box is opened every Wednesday by the Management. The Management informs the Principal regarding the complaint received. Meeting of the College Grievance Redressal Cell is called in to carry out the respective complaints periodically and all the issues are addressed with appropriate measures.

b) Student's direct access to authorities – In case of dissatisfaction at the concerned level, students can directly approach the Principal or the Management to put forward their grievances.

d) Discussion with employers - Primarily, the Head of departments, the Committee Members, the Vice-principal and the Principal resolve the grievances of the college employees through open discussions and interactions. If required, the employee can have direct approach to management for his/her grievance redressal.

File Description	Document
Any additional information	View Document

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development**
- 2.Administration**
- 3.Finance and Accounts**
- 4.Student Admission and Support**
- 5.Examination**

Response: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The college has various academic and administrative committees with responsive members and chairman. These committees are constituted of members from the Management, Staff as well as Student Representatives under the Chairmanship of the Principal. The committee meetings are periodically conducted and recorded in the proceedings.

The College Governing Body(CGB), Board of Management(BoM) and IQAC formulate the policy decisions and strategic plan with the suggestions received from the following committee meetings and responds in a timely manner.

1. Research Committee
2. Library Committee
3. Examination Committee
4. Purchase Committee
5. Sapa-Dhara Committee
6. Building Committee
7. Admission Committee
8. General Staff Meetings
9. Time-table Committee
10. Alumni Association
11. Grievance Redressal Cell
12. Anti Ragging Cell
13. Internal Complaint Cell
14. ST/SC/OBC and Minority Cell
15. Women's Development Cell (WDC)

Some of the major implantations done by the CGB, BoM and IQAC are as follows:

1. Students' registration on UGC Anti-ragging Portal AMAN and collection of Students'-Parents' Affidavits by the Mentors
2. Initiation of Green Audit, Safety Audit as well as Academic and Administrative Audit by various agencies; as a result, the college has ranked among Top 10 colleges of Gujarat by KCG under GSIRF by Govt. of Gujarat.
3. Under PAA, (Premukh swami college Alumni Association), the college alumni's contribution to the college development is voiced through Research Instruments donations and financial support for Scholarships, organization of Seminar, Workshops, and other students' development activities.
4. Means and Merit Scholarships from the Management for bright/needy students
5. Under WDC, women's entrepreneurship programs e.g. workshops of 60 days Rexine Bag Making, Self-defense, Cooking, Fashion Designing, Beauty and Wellness etc at free of cost by the Management.
6. Under SBSI and UBA Projects, five villages are adopted for Cleanliness Drive, Save Water Campaign, and Street Plays to eradicate Superstitions, Beti Bachao-Beti Padhao movement, village survey and preparation of Village Development Plan.
7. Departmental Clubs Initiates Science Fair to inculcate research aptitude and creativity among

college students and to motivate more than 7,000 school students of Kadi vicinity towards science innovations.

8. The College library is enriched with LMS in the form of Open Access Resources ; Online educational videos through Spoken Tutorial, Sandhan, NPTEL, videolectures.net and PhET, Study material through Pathshala, Swayam, Vidya Mitra, doab, RBR, DOAJ, NISCAIR, NCBI, Springer Open, Science Alert and Virtual Labs through AMRITA.
9. Every year, beginning with a 15 days Canvas Painting Training Workshop (free of cost including material) in December with their Professional Canvas Painting Exhibition on 26th January, finally culminating into financial appreciation of their Masterpieces by the College Fine Arts Band.
10. Initiation of Skill-based 6 Vocation Programs at UG and PG level
11. Initiation of B.Sc. Physics Program
12. Initiation of more than 25 Life skill Add on Programs
13. Establishment of Students' Start Up and Innovation Policy Cell under Govt. of Gujarat
14. Initiation Finishing Schools for better Placement
15. Macro-Micronutrient Soil Analysis Laboratory
16. Advanced Plant Tissue Culture Laboratory
17. Advanced Central Research Laboratory
18. Multipurpose Indoor Sports Complex

File Description	Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The institute has a significant welfare measures for teaching and non-teaching staff members. As an extra support system, the college runs a Registered Credit Society for all the permanent teaching and non-teaching staff members which provided financial loans to needy employees and 100 % members have taken benefit of this society.

The other measures for employee welfare are:

- **Group insurance** is available to all the employees of the institute, as per Government norms.
- **GPF and EPF Schemes** : General Provident Fund Scheme is allocated to all the Grant-in-aid To all teaching and non-teaching staff members employees while Employee's Provident Fund Scheme is implemented for all the Management appointed teaching and non-teaching staff members.
- **Free Medical facility at campus health centre** and in a major health issues, the institute has an MoU with two major hospitals of Kadi which offer their services with zero consultation Charges to all the institutional employees.
- **Interest Free Loan** to all the staff members is provided by the Management in necessary circumstances.
- Fee waiver to the children of class IV employees

- Free uniform and shoes to all the class IV employees
- Festival bonus to class IV employees
- **Duty Leave & Travelling Allowance:** For Participation in Seminars, Conferences, and Workshops, Research work/FIP/FDP/ Orientation/ Refresher/ Training etc. Duty Leave is given while for Presentation in such Academic and Research Oriented Events, Travelling Allowance is also given to Faculty members.
- **Fee waiver for all the Faculty Development Programs** organized by the Management for all the staff members
- **Medical Leave (Sick Leave) :**
- **Maternity Leave and Paternity Leave :**
- **Leave Travel Concession (LTC)** This is provided to Government appointed staff members as per the rules and regulations, the travelling expenditure of the employees to any place in India is refunded.
- **Seed Money:** Apart from UGC Major/Minor Research Grants, the Management also provides the Seed Money for execution of Research Projects and Research Publication as well.
- **Residential Quarters:** The College provides residential quarters for the teaching and the nonteaching staff on the campus on demand.
- **Gymnasium, Sports and Yoga facilities** are available to all the teaching and the non-teaching staffs for a good mental and physical health.
- Preferential admission to the wards of employees in schools run by the Management.
- **Appreciation Award and Recognitions:** - Distinct achievements of the staff are appreciated in the form of Public Felicitation during the Annual Day Functions of the college.
- **First aid kit:** First aid kit is well-maintained by NSS and other Departments of the college for medical emergency.

File Description	Document
Any additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 77.19

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
28	30	26	30	14

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 6.2

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
7	10	5	6	3

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	View Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 7.12

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
09	1	1	0	1

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	View Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The institution has Performance Appraisal System for teaching staff following UGC regulations 2010 (and the two amendments thereafter). Faculty Members can offer themselves for assessment for promotion, if they fulfill the minimum API scores indicated in the appropriate API system tables by submitting an application and the required PBAS (Performance Based Appraisal System) proforma (Old or Revised, as may be applicable time to time by the UGC) as per the UGC Career Advancement Scheme guideline to the College Research Committee.

Apart from this, two evaluation methods have been developed by the institute for mapping Academic Performance of all the Teachers.

1. Self appraisal for teachers: Every faculty member has to submit Self-Appraisal Report to the College IQAC at the end of every academic year. The Self-Appraisal Report contains following academic measures:

- Innovations / Contribution in Teaching and learning
- Teaching plan, Methods and teaching aids
- Participation / Presentation in Seminars, Conferences, Workshops, Symposia etc
- Visits and Trainings
- Details of major / minor projects
- Details regarding guidance for any research project / dissertation of P.G or M.Phil / Ph.D:
- Details of Papers / Articles / Abstracts / Books published
- Details of Extension, Co-curricular & Extracurricular activities
- Students' Counseling

2. Students' & Parents' Feedback for Teachers: Annually Feedbacks from Students and Parents are collected, analyzed and properly communicated to the concerned Teacher and the HoD by the College IQAC for academic improvement of the Teaching-Learning experience of the teachers as well as the students.

Performance Appraisal System for Non-teaching staff: Two evaluation methods have been equally adopted here by the institute for mapping Academic and Administrative Performance of the Non-teaching Staff Members.

1. All the Office as well as Laboratory Staff members have to submit Self-Appraisal Report to College IQAC after the proper evaluation by the concerned HoD at the end of every academic year. This Self-Appraisal Report contains following measures:

- Participation in Skill Enhancement Programs
- Trainings regarding Safety Measures and Calibration of various Laboratory Instruments
- Details regarding Annual Work Allocation and Execution

2. Students' & Parents' Feedback for Non-teaching Staff members: Annually Feedbacks from Students and Parents are collected, analyzed and properly communicated to the concerned Non-teaching Staff members and respective HoD by the College IQAC for academic and administrative performance improvement of of the Non-teaching Staff members.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The college has a mechanism for both internal and external Financial Audit.

Internal Audit is carried out by the Management, SVKM, Kadi. The college Management has entrusted a Chartered Accountant Firm (Patel Mankad and Co.) for College Financial Audit. The CA firm executes two Mid-Term audits (in October & February each) and a final audit in April every year. The Last Financial Audit of the College is carried out during the month of April, 2019. All audited statements and balance sheets are submitted to the Management for the approval in Annual General Meeting (AGM) of the Management.

External Audit (Government): The External / Statutory Audit is carried out by a Government Auditor appointed by the Department of Higher Education, Government of Gujarat.

The audit of various Government Grants/Schemes received by our college is carried out by our Chartered Accountant and the audited Utilization Certificate with detailed Statement of Expenditure is sent to the **Sanctioning Authority** for the Final External Audit.

Name of Scheme	Utilization Certificate and Details of Expenditure sent to Sanctioning Authority
General Development Grant	UGC, WRO, Pune
College with Potential for Excellence (CPE)	UGC, New Delhi
Bachelor of Vocation (B.Voc.)	UGC, New Delhi
Community College	UGC, New Delhi
KAUSHAL Kendra	UGC ,New Delhi

Student Startup and Innovation Policy (SSIP)	Commissionerate of Higher Education, Govt. of Gujarat
Soil Health Card Project	Commissionerate of Higher Education, Govt. of Gujarat
Finishing School	Knowledge Consortium of Gujarat
UDISHA and Sapta-Dhara	Knowledge Consortium of Gujarat
Biotechnology Capacity Building Cell(BT-CBC)	GSBTM, DST, Government of Gujarat

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 88.98

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
78.43171	2.91650	3.68895	1.86905	2.07071

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Any additional information	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

The college is permanently affiliated to Hemchandracharya North Gujarat University, Patan. The college strictly follows the rules and regulations laid down by Hemchandracharya North Gujarat University and the Government of Gujarat.

Mobilization of Fund:

Funds from UGC: The College has been receiving funds from various UGC Schemes like General Development Grant, Research Grant, College with Potential for Excellence and funds for skill-based Vocational Programs like B.Voc., M.Voc. and Community college under DDU KAUSHAL Kendra.

Funds from State Government:

1. 100% Salary Grants along with grants for books, laboratory, building rent and other miscellaneous administrative expenses are received from Government of Gujarat.
2. Research project Grants are received from State Government funding agencies like Gujarat State Biotechnology Mission (GSBTM), DST, and GUJCOST, Government of Gujarat.
3. Grants for RUSA, Finishing School Project, Sapta-Dhara, UDISHA and Placement are received from Knowledge Consortium of Gujarat.
4. Grants for Research and Innovation for students are received by SSIP (Students Start-up and Innovation Policy) Cell, Government of Gujarat.
5. Grants for Capacity Building Program are received from GSBTM, DST, Government of Gujarat.
6. Grants for Soil Testing Project are received Commissionerate of Higher Education, Government of Gujarat.

Other Resources of Grant: Apart from grants by UGC and State Government, the other sources of funding are:

1. Students Tuition Fees
2. Grants are received from University for various programs of NSS and organization of Student Development Activities.
3. Funding or Donation of equipments are received from Industries as a part of CSR program from industries like CERA Sanitarywares Ltd., Somany Ceramics, Mylon Laboratories, Corel Pharmaceuticals, Milestone Infrastructures etc.
4. Consultancy is generated through various industrial projects like Dark Forest from Sandvik Asia Pvt Ltd , Macro-Micronutrient Soil Health Card Project from Govt. of Gujarat and Water Testing Laboratory, determination of anti-microbial activities, Production of LED bulbs etc.
5. Contribution is received from the Management for grants if required – like seed money for research, grant to carry out various student development and Faculty development programs, Fee waiver to students and Additional funding to complete projects funded by UGC and state Government.
6. Contribution from Alumni in the form of Scholarships, financial support to organize Seminar, Workshop and other students' development activities.

Optimum utilization of financial resources: Following system is adopted by the college for the optimal utilization of resources;

1. Funds under various UGC Schemes like General development grant, CPE grant etc are 100% utilized as per the budget proposed by the college departments and sanctioned by the department level Purchase committees under the chairmanship of the Principal, strictly as per the UGC Guidelines.
2. For the other financial recourses, the respective Project Co-coordinator, along with the Principal takes care of the complete utilization of the fund strictly as per the funding agency guideline.

3.The College Account Department monitors entire business of financial utilization of the grants/funds received from all resources and executes the auditing part of the same.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

1. Student Startup and Innovation Program

21st Century Education is to raise Skill-based Employability as approximately 20% of Indian population is in the age group of 15-25. Students are capable to become country's largest force as problem solvers. They can be job creators rather job seekers. Even if 5% of our students become innovators and entrepreneurs then unemployment can be easily tackled. To attain this goal, College IQAC has initiated SSIP project with Govt. of Gujarat to sensitize innovative thinking, to bring out hidden skill and creativity and to develop entrepreneurship culture.

Annual Science Fair leads students towards Innovative Models. Promising Prototype concepts are selected with financial assistance up to 2 Lakh. Entrepreneurship Trainings and Workshops are organized to identify the entrepreneur potential. Thus, students' ideas are successfully converted into following Real Projects.

- **Toy Train using barrels**
- **Modifications to Cotton Seeds Delinting Process to Enhance Cleanliness of Linter Fibers.**
- **LED lights manufacturing.**
- **Dark Forest developed by Miyavaki method.**
- **Bio-ethanol from plant waste.**
- **Preparation of Jam, sauce, wafers and Pickles.**
- **Protein and Fiber rich Chocolates, Khakhra and Nutritive supplement powder.**
- **Mushroom cultivation**

As an Impact of this, college is selected as SSIP Nodal Center for North Gujarat Region and sanctioned 120 lakh by Government of Gujarat for three years. Two startups are selected for Vibrant Gujarat coffee table book of Government of Gujarat.

Toy Train Project is welcomed by other educational institutes.

LED lights are produced for whole Campus and other institutes as well.

Miyavaki Dark Forest is successfully developed for the first time in the private sector with 1800 plants in Sandvik Asia Pvt Ltd.

2. 360 Degree Career Growth Commencement

IQAC focuses on an activity-based environment to get hidden talent, aspirations and dreams voiced and an overall personality and career development of the students.

Women's Development Cell & Women's Entrepreneurship Cell: For socio-economic self-reliance of girls, the college organizes multiple courses and workshops for Women's Skill Development.

Add-On Courses & Career Orientation Programs(COP): For Research Aptitude, college organizes 16 Add-on courses and COPs.

Innovative Programs: To cultivate creativity, Science Fair, Project-based Learning, 4G Carnival Programs etc are organized.

Finishing School: For effective Communication Skill, Oratory, GDs, Interviews and Public Presentations, the college proposes 20 days Finishing School Training, Workshop on Elocution Skill Development etc.

Industrial/Academic Visits & Training: With Functional 42 Industries and Academic MoUs, the college offers rigorous fieldworks, projects, visits and trainings to prepare students for the large-scale industrial-Academic exposure.

Sarva Netrutva Camp (SNC): To develop Leadership and Social Responsibility, students are encouraged during the 5 Days SNC to imbibe Authenticity, Self-expression and Value Creation.

NSS and NCC: To promote Nationalism, Disaster Management, Environment Awareness and Social Responsibility, rigorous Activities, Camps and RDC Platform are provided.

Sports & Yoga: For Physical Fitness, Health and Hygiene, the college provides Centrally AC Indoor Sports complex with more than 9 indoor games.

Sapta-Dhara: More than 27 multiple cultural activities are organized to provide vast platform at college, University, Inter Zonal Youth Fests for students' 360 Degree Growth.

File Description	Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

IQAC plays a key role in ensuring and augmentation of quality of the teaching- learning process, research and planning.

Started with 13 members College IQAC in June 2007, at present, it has expanded into 34 members with Chairman of the Trust and President of the College Governing Body(CGB), Secretaries of CGB, Local Area Members, Alumni, Principal, Coordinator & Co-coordinator IQAC, HoDs, Faculty and PG In-charge of Science & Arts, Librarian, Administrative Staff Member and Students' Wing of IQAC. The aim is to share the institutional development with all the stakeholders.

Quarterly College IQAC Meetings

The college organizes 4 Quarterly IQAC Meetings in which the college invites new initiatives and to ponder over the quarterly achievements of the academic parameters fixed by College IQAC respectively.

Departmental Presentations

During every Quarterly Meetings, three departments, each one from Science, Arts and Vocation Programs, share their Annual Departmental Progress Report. The aim is to create a healthy comparison and competition among all the 12 departments in teaching –learning innovative practices, research and students' support system, result and department SWOC analysis.

Creating Learner-centric environment

The IQAC undoubtedly has stepped forth in transforming the college into a learner centric campus by introducing 16 Add-on and Career Orientation Programs.

Feedback response system

Every year, IQAC collects the feedbacks on curriculum design, college infrastructure, faculty performance etc from all the stakeholders. Proper analysis is made and well-communicated to the relevant people and taken care of its implementation in due course of time.

Organization of Curricular Activities

IQAC organizes Expert lecture series, Workshops, Seminars and Conferences, Science Fair for industry-academic interaction while Painting Exhibition, Sapta-Dhara, Samvedana-Lit-Fest, 4G Carnival etc for students' creative exposure.

Documentation

IQAC scrutinizes Department Time-table-calendar, Academic Diary, Self-appraisal Report of Teaching-Nonteaching staff, Attendance, Assignment, Mentor Card, Publications- Presentations & Participations detail with the help of HoDs.

Nodal agency for best practices

IQAC initiates Green Audit, Safety Audit and Academic Audit in the form of NIRF, GSIRF and Indian Today Best College Ranking.

Development of quality culture in the institution

IQAC ensures Plastic & Tobacco Free Campus, NSS-NCC Green Protocol and Safety Protocol, Sarva Netrutva Camps, Divyang-friendly infrastructure. Along with skill development, IQAC launches Soil Analysis, SSIP, Finishing School Projects for students' financial self-reliance.

Preparation of AQAR

The preparation of AQAR in strict accordance with the guidelines and parameters set by the NAAC, is definitely a prime duty of the IQAC and is submitted to NAAC every year in time.

ICT enabled teaching-learning process

IQAC installs smart boards, ICT aids and active LMS through college library portal; and also purchases college management system and teaching softwares. FDP Workshops are organized for Teaching as well as Non-teaching staff.

Research

Research is initiated in the form of organizing College, University, State as well as National level Seminars and Workshops; Research Methodology Workshops are conducted for Major/Minor Research Projects and Research Publications for the benefit of research scholars from all disciplines, under the initiative of the IQAC.

File Description	Document
Any additional information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 19.2

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
28	18	16	20	14

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Response: B. Any 3 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

Post accreditation quality initiatives (Third cycles)

The college is accredited by NAAC with Grade 'A' (CGPA 3.20) in its second cycle of Accreditation in 2014.

During last 5 years, the college has made sincere attempts to implement all the suggestions of the NAAC Peer Team as follows:

- Establishment of a fulltime Healthcare Centre in campus with permanent doctors.
- B.Sc. Physics program is started from Academic Year 2014-15.
- College has started Skill-based Vocational Programs namely B.Voc. and Community College in 4 service sectors like Textile, Agriculture and Pharmaceutical approved by UGC from academic year 2014-15 and Ceramic sector was added in 2015-16. In 2018, college has been upgraded to DDU-KAUSHAL Kendra for skill based vocational education up to M.Voc.; while two more service sectors, namely IT and Tourism Management, are added in B.Voc.

- Institute has strengthened industrial linkages by signing more than 35 MoUs with different industries for curriculum design, students' training and placement.
- College has earned consultancy of over Rs. 80 lakhs during last 5 years.
- Under SCOPE (Society for Creation of Opportunities through Proficiency in English) program, more than 5000 students have been trained for English proficiency in collaboration with Government of Gujarat and University of Cambridge, UK.

Over and above recommendations of NAAC peer team, other major quality initiatives are undertaken by the college as follows:

- Soft skill development through Language Laboratory and Spoken tutorials of Open sources by IIT-Bombay.
- Inculcation of research skills among the students by involvement of students in Student Start-up and Innovation Projects (SSIP), Government of Gujarat.
- Implementation of e-governance in Administration, Finance, Examination etc.
- Establishment of Finishing Schools by Government of Gujarat
- Establishment of IPR Cell
- Industry Academia Meets for the development of curriculum of vocational programs.
- Faculty exchange program with other 'A' grade institutes of the state
- Under ICT encouragement in HEI, all class rooms are converted into ICT enabled classrooms.
- Development of Workshop facilities for vocational programs.
- Establishment of Soil Testing Laboratory for Micro-nutrient analysis.
- Quarterly meeting of IQAC is in practice and in each IQAC meeting; annual academic progress report is presented by three departments respectively from Arts, Science and Vocational streams.
- Involvement of students in community service through SBSI and UBA projects under MHRD.
- Development of Entrepreneurial skill among students through college EDC (Entrepreneurship Development Cell).
- Quality enhancement of teachers through Faculty Development Programs.
- Organization of National, State and University level conferences, seminars and workshop for teachers and students.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 21

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
3	6	4	4	4

File Description

Document

Report of the event

[View Document](#)

List of gender equity promotion programs organized by the institution

[View Document](#)

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Following the fundamental vision of the Trust, '*Do Good and Good Will Come Back to You*', the college firmly practices no discrimination against caste, creed, religion and gender. The college has built a Gender-Sensitive Environment through various curricular, co-curricular and extra-curricular opportunities of development, availed to all the staff and students without Gender bias.

Safety and Security: The following measures have been adopted by the college for safety and security:

1. **Security Guard:** There are 23 Security guards to monitor the campus premises round the clock at entrance gate, college gate, Girls' hostel gate as well at Boy's hostel gate. More than 8 Full-time Rectors are appointed for both Girls' and Boy's hostel.
2. **CCTV Monitoring:** More than 125 CCTV Cameras are at various places in the college premises, 60 CCTV Cameras in Girls' Hostel, 78 CCTV Cameras in Boy's Hostel, and more than 1300 CCTV Cameras are on the Campus to provide round the clock surveillance
3. **Suggestion Box:** The College has Suggestion Box operated by the Trust for the betterment of the college. The suggestion box is easily accessible for all in the College Foyer.

4. **Grievance Redressal Committee:** The Committee provides appropriate solutions to academic as well as socio-economic grievances of the students.
5. **Anti-ragging Committee:** The Committee monitors and addresses safety and security of the students. Mentors also interact with students to prevent any kind of ragging. They carefully register students on the UGC Anti-ragging Portal AMAN and collect the Students-Parents Affidavits too.
6. **Discipline Committee:** The Committee bears the responsibilities of Discipline during all the college organized curricular, co-curricular and extra-curricular events.
7. **Health Aid Facilities:** Both male and female doctors are appointed in the Campus Health Centre. Special care is taken of the girl students. Every year the college conducts hemoglobin, Thalassemia testing camp etc. The First Aid Box is kept in the NSS and Chemistry Dept for easy accessibility.
8. **Fire Safety Equipments:** There are more than 19 fire extinguishers, installed at various places in college.
9. **Gender sensitivity awareness programmes:** The college regularly organizes theme based seminars, Guest lecturers, cultural activities to endorse social values such as gender equality and gender sensitivity
10. **Women Development Cell:** The WDC organizes entrepreneurial workshops, Self-dense workshop etc. along with Women's Day celebration.
11. **Counselling:** The College provides counseling for betterment of the students:
12. **Mentor Program:** Every Group of Students has a Mentor. Mentors interact with students regularly, provide guidance. They deal with academic, Socio-cultural and economic issues. Mentors also properly address these issues with the help of the respective college committees and the Trust authorities.
13. **Parent Teacher Interaction:** If the need arises or else in few cases, the respective mentor interacts with parents or guardians in person or through telephonic communication for briefing about their ward's academic issues.
14. **Common Room Facility :** The College provides separate common rooms and washrooms. Girls' Common Room, well-ventilated, is equipped with easy sitting Sanitary Napkin Vending Machine and incinerator machine facilities.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 0

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

7.1.3.2 Total annual power requirement (in KWH)

Response: 40600

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 63.48

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 5.424

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 8.544

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

Following the proverb “Prevention is better than cure”, we follow the principle of ‘3Rs’ i.e. Reduce, Reuse, and Recycle.

Solid Waste

The solid waste is biodegradable and non-degradable that is eradicated mainly from the classrooms, laboratories, Library, Toilets, Hostels, Canteen etc. The Trust Gaushala has a Working Bio-gas Plant in which Garden Waste and Hostel-Canteen Waste like vegetable peels and food-waste etc. are collected for Bio-gas production which is used in the Gaushala Kitchen as supplementary energy source. The Bio-gas slurry is used as manure in Gaushala and Campus Gardens. On the other hand, non-biodegradable solid waste is transferred to the dump yards set up by the municipal corporation.

Further, the Trust has initiated ‘Plastic Free Campus Movement’ to create awareness by prohibiting the use of polythene in the campus. Even the Campus Canteen makes extensive use of eco-friendly paper plates and cups.

Liquid Waste

The college maintains proper drainage system for disposal of the liquid wastes generated in Laboratories, toilets and RO systems through sewage tanks to the municipal main drain.

E-Waste

Maximum efforts are taken to utilize the existing hardware by regular AMC to reduce e-waste. Reusable parts are separated and used in other systems.

The college has taken steps for proper disposal of all kinds of electronic (E-waste) waste, such as batteries, cells, useless/obsolete electronic devices, computers, monitors and printers cartridge, UPS etc. by submitting the E-waste to the Trust for proper disposal through E-waste scrap dealer.

Initiatives Planned:

Under UBA and SBSI Projects under MHRD, New Delhi, the college has adopted five villages to implement rigorous Village Development Plan through Save Water Campaign, Cleanliness Drive, Detailed Village Survey and campaign for Bio-gas projects etc. to make the community members aware of the importance of waste management. The College has won Top Three University level prizes in Swachh Bharat Summer Internship Programme, an initiative of MHRD, Govt. of India. Biosciences Department

Similarly, NSS Volunteers organize various campaigns in order to promote and spread an understanding of cleanliness through Rallies, Expert Presentations and screening of Environmental Films and Documentaries on kitchen waste management.

The celebrations of important days like World Water Day, World Environment Day create awareness on the campus.

30 days 'Best out of Waste' workshop is organized for students as well as community people to create awareness towards the 3Rs Movement.

Every year 2 Days Science Fair at the Campus is organized to exhibit innovative ideas through Live Models and Poster Presentations for Waste Management.

Along with this, through Sapta-Dhara & 4G Carnival Science competitions like poster-making, slogan writing, Scintoon, Rangoli etc competitions on related topics are organized to create awareness among the students towards Environmental Issues.

3R-Reduce, Reuse and Recycle Theme based Save Environment Rally and Youth Rally are organized for Environmental Awareness and Swachhata Abhiyan are organized in Kadi City.

File Description	Document
Any additional information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

The college has adopted following mechanisms for the rain water harvesting system.

Collection of Rain-water in underground tank: Our institute has underground tank with capacity of 50,000 liters where the Rooftop rain water is collected and thereafter used as Distilled Water for the laboratory work in the Chemistry and Biotechnology Department. This is the most cost-effective way of rainwater harvesting.

Establishment of rainwater harvesting Bore-well: The College has constructed scientifically well-equipped Bore-well facility in association with Cera Foundation (A CSR Unit of Cera Sanitaryware Ltd) for recharging the underground water level.

File Description	Document
Any additional information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

Our college has a lush green campus with rich flora and fauna. The institution continues to take several initiatives to promote environmental friendliness and pave way for a brighter green and a sustainable future. The college has already undergone Green Audit and promoted practices to save the environment.

Regular notices/messages are sent via electronic medium as well as practice of e-Governance through ERP for effective Administrative-Academic procedure is to promote paperless working of the office.

Environmental Studies is taught in first year in all programmes as an Elective Generic to create environmental awareness.

To promote green practices at the ground level, green and clean landscaping with trees and plants is ensured and we have an exclusive staff in the form of gardeners and cleaners. The entire campus is 'Tobacco Free Campus' and it is strictly followed along with a 'Plastic Free Campus Movement' initiative and All the stakeholders are encouraged to follow the policy of Zero-Toleration to Polythene to maintain Green Land and vegetation growth in the campus. Only bicycles are allowed in the campus while

Corner Vehicle Parking on 42 acre Campus is kept to create Safe Passage for Pedestrians on the Campus Roads as a part of healthy Green Protocol. Usage of public transport and car-pooling is encouraged among the students and staff which is a healthy step to preserve the environment.

Nature Club Trainings, visits to forest areas and other department Clubs organize various activities such as Tree plantation, Green Day Celebration, rallies and other awareness programmes etc.

‘Save-Energy’ stickers have been pasted on all switch boards.

Eco-friendly mementos to guests in the form of plant saplings in functions.

Growing medicinal plants which add to the environment sustainability initiatives.

Biotechnology Dept students have the educational visit to Green Satellite Farm at Baroda to share the innovative Green Practices like Organic Farming, Low cost Bio-gas plant, use of Porous Pipes etc.

All these green practices help in creating environmental-friendly atmosphere in the college.

File Description	Document
Any additional information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 1.68

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
1.86	1.09	2.04	2.91	1.37

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Response: B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 25

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	7	7	5	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 67

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
15	16	15	13	8

File Description	Document
Report of the event	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 64

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
13	13	13	12	13

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

To strengthen the sense of Nationalism and cultural integrity among the students, the college organizes and celebrates various National and Regional festivals and birth / death anniversaries of the great Indian personalities. The details are as follows:

- **National Festivals:** The College organizes the theme based programs to make the students aware of National Integrity and Unity. The college celebrates the following National Festivals:

1. **Independence Day**
2. **Republic Day**
3. **Youth Week**
4. **Guru Purnima**
5. **Makar Sankranti**
6. **Navaratri**
7. **Janmastami**
8. **Raksha-bandhan**
9. **Ganesh Chaturthi**
10. **Christmas Celebration**

- **Birth/Death Anniversary of Great and Renowned Indian Personalities:** As a young citizen of India, it is very important to know the contributions of the renowned national personalities. In order to understand the concept, the college celebrates birth / death anniversaries of them. The details are as follows:

1. **Gandhin Jayanti**
2. **Yuva Chetana Din, Birth anniversary of Swami Vivekananda**
3. **Teacher's Day, Birth anniversary of Dr.Sarva Palli Radhakrishana**
4. **National Mathematics Day, Birth anniversary of Srinivasa Ramanujan**
5. **Ekta Divas, Birth anniversary of Sardar Vallabhbhai Patel**

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The College makes sure good governance and full integrity in its financial, academic and auxiliary functions by posting all the desired information on the college website, complying with the requirement of the UGC, AISHE Portal, KCG Portal Govt. of Gujarat, HNG University Patan, and other statutory bodies.

Financial Functions

The College has developed strategies for budgeting, mobilizing resources and making optimum utilization of available finances in transparent manner. A dedicated Departmental Purchase Committee follows the procedure for any purchases. Financial Scholarships and freeships are deposited directly in students' bank accounts and linked through Aadhar Card. The staff salary is also directly deposited in their bank accounts. Further, the funds and grants of UGC, RUSA, UDISHA/SAPTADHARA etc received for various purposes are spent as per the mentioned terms and conditions. The annual Account Statements are prepared, audited

and are placed before the CGB and the General Body. The Utilization Certificates are sent after proper Financial Audit duly signed by the Principal and the College Chartered Accountant Firm. Withdrawal and refund policies are strictly followed as per UGC/State Government norms. Assets, Capacity Building and infrastructural records are properly maintained. The college also has proper Internal and External Financial Audits to encourage transparency.

Academic Functions

The institution promotes transparency in academics. Online availability of the Information Brochure, Annual Academic Calendar, E-Governance through ERP, Syllabi, Results and Time-table to the students further adds to the credibility of the college. Assessment/examination scheme and weightage of Internal Assessment is mentioned in the Information Brochure. Moreover, Mid-Semester examination remains transparency, as the examination dates are made available in advance on the notice boards as well as on the college website. The evaluated assignments and Internal Sheet are shared and signed by the students for self-correction/verification and their grievances (if any) are resolved at respective committee level.

Information and Date-Sheets of End Semester Examinations of the respective Programmes are made available on College website when received from the University. The Parents of absentees are informed through Mentors. Internal and external Academic Audit is done to introspect and improve the student-teacher performance.

The academic programmes are executed through Annual Academic Calendar in compliance with HNG the University Academic Calendar and the master timetable of the college. Academic Diaries, Self Appraisal Report from Teaching-Nonteaching staff are treated as Continuous evaluation and all Stakeholders' Feedbacks are well-collected, analyzed and suggested remedial measures by IQAC to improve the Teaching-Learning Performance of the students and the staff.

Administrative Functions

The admission procedure is transparent and authentic by sharing the information on college notice-board and college website. All the policies, rules and regulations related to staff and students are well documented and displayed on College Website.

Auxiliary Functions

Many of the auxiliary functions viz. sports, co-curricular and extra-curricular activities etc. of the college undergo systematic assessment and evaluation. The selection of students for participation in various inter-college games and other activities is made on the basis of their performance which is gauged by a committee.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice 1:

1. Title of the Practice: “Macro & Micronutrient Soil Analysis for better productivity- Soil Health Card Scheme”

2. The context that required the initiation of the Practice

Soil testing is an important diagnostic tool for better soil health and agricultural performance from environmental point of view. Soil analysis helps to understand the fertility status and the deficiency of nutrients and to decide which nutrients are required qualitatively and quantitatively. **Soil Health Card programme is initiated by Rastriya Kishan Vikas Yojna (RKVY) and by Gujarat Government.** Pramukh Swami Science and H.D Patel Arts College is privileged to be one of the eight colleges of the state selected by Government of Gujarat for implementing this scheme for the upliftment farmers and for betterment of society and nation at large

3. Objectives of the practice.

- To check the Macro & Micro nutrient level in the soil and accordingly apply fertilizer.
- To increase the crop productivity with minimum use of fertilizer and without corrosion of the soil.
- To stop indiscriminate use of fertilizers and chemicals for better economic gains.
- To promote organic fertilizer & biopesticides.
- To prepare fertility map to advocate appropriate cropping system in the said area.
- For students, this project is an ideal role model of Gandhian Educational practice of *Earning with Learning & Learning with Earning.*

4. The Practice.

Our college receives soil samples from state government. The soil samples are checked and verified the according to list of villages. The collected samples are labeled and analyzed for: Organic carbon, Nitrogen, Phosphorus, Potassium, and Micro nutrient (Boron, Zinc, Copper, Manganese and iron) . Additionally, the pH and Conductance of the soil samples are also measured. All obtained data are verified and checked by Coordinator or Lab supervisor. All test results are also randomly checked by Government agency. Lastly all result data and farmer details are entered in Soil Health card Portal and Soil health card is generated in Color print and laminated. All the entries are checked randomly by Government agency and soil health cards are submitted to Agriculture District office.

Our college checked more than 50000 soil sample of Gujarat region during tenure of 2013-2018.

The authorities of the State Government allot the grant as per the rate fixed by them every year per sample. This grant remains helpful to our institution to purchase necessary equipments and chemicals. This task is performed with the help of the staff and students. The students, academic staff and laboratory assistants played a pivotal role in completion of this herculean task.

Thus, through accurate guidance, intensive labor of students and teachers the following number of Soil Health Cards is prepared.

Sr.No	Year	Grant in Rupees	No. of Soil Samples	No. of Soil Health Card issued

1	2014-15	13,16,060/-	10899	10899
2	2015-16	11,37,925/-	9795	9795
3	2016-17	26,52,978/-	11194	37085
4	2017-18	18,13,249/-	8545	29151
5	2018-19	10,87,314/-	10005	25389
	Total	80,07,526/-	50438	112319

5. Obstacles faced if any and strategies adopted to overcome them:

1. This is a Time Exhaustive project which cannot be done with one or two hours daily task. So students of all these years, along with their teachers performed this enormous task in extra College hours.
2. Soil Analysis Instrumentation is a non-curriculum learning for the students; to train students in this aspect, the department has implemented Govt. Training as well as two Certificates Courses on Macro-Micro Nutrients Testing.
3. The full task, including sample checking, analysis and data entry on National Portal with a printed Soil Health Card, is a Time-bound Project; thus, to finish the task and to submit documents in the specified time limit, the students-teachers team had to work on most of the holidays as well as during the vacation period.
4. Frequent and constant use of equipment leads to its wear and tear as well as damage. This was overcome by regular visit of technical expert, as well as replacing the required instrument / material without delay.

6. Impact of the Practice :

Based on the soil health card, farmers adopted specific cropping systems best suited for their soil along with justified use of fertilizers which gave them for better crop productivity and economic gains.

Research culture developed amongst UG students. There are two research paper publications as well oral and poster presentation in four national and state level conferences.

- From Kadi region soil sample of farmer Mahendrabhai Patel (Marusana) was analyzed, based on analysis we advised him to avoid the use of potash fertilizer and add organic manure in his farm for horticulture crop. This suggested change fetched him almost 35% high yields with 50% profit as compared to last year farming. Previously he used to earn only Rs 1 lakh /hectare while this year he earned Rs 1.5 lakh /hectare.
- Our trust is philanthropic trust so Honorable Chairman has made facility of soil analysis available to all farmers of Kadi region free of cost.

Earn while you Learn : Soil Health Card project is being carried out by students of B.Sc. and Agricultural and soil Sciences, for which students get remuneration as well as certificate from the Government of Gujarat, Higher Education Department..

Students get exposure and hands-on training for using different equipments of soil analysis with these experience and expertise, students become eligible for placement in the field of soil analysis at STL.

7. Resources :

Well Equipped Micronutrient & Macronutrient Laboratories,

- AAS,
- Spectrophotometer
- Colorimeter
- pH and EC meter
- Soil sample store room,
- Chemical store room,
- Computer with Printer

Training and Visit provided by college.

Best Practice 2:

1. Title of the Practice: “Philanthropic Approach through Financial Aid”

2. The context that required the initiation of the Practice

The college belongs to a rural area where most of the students belong to the lower strata of the society. Instead of passing through 3-5 years higher education for career enhancement, their families, due to poor financial conditions, preferred their wards to join the agricultural labour work for socio-economic sustenance. This agricultural labour work was insufficient to provide them permanent and adequate family income sources due to this, the students used to leave the college education half way. Thus, their financial hindrance devoid a number of students from further academic development and as a result, they were deprived of government and private sector jobs with regular and sufficient financial family support system.

3. Objectives of the practice.

- To identify such socio-economically poor students
- To sustain their educational continuance and spot their educational needs in the form of tuition fees, hostel fees, books and study material requirements etc.
- To generate financial supportive sources from society and the SVKM Trust to protract their educational career development.
- To innovate new job/work resources on the campus for students, for an ideal Gandhian Educational practice of *Earning with Learning & Learning with Earning*.
- To invite the College Alumni Association PAA for this healthy practice of financial assistance to such needy students.

4. The Practice.

Pujya Chhaganbha, born 1863, the founder of this 100 years old Sarva Vidyalaya Kelavani Mandal Trust, firmly believed that, “*Education is the magic potion that can cure all social ill and evils.*” Thus, to avail education to the lowest strata of the society without a caste, creed, religious bias, in 1919 Sarva Vidyalaya

School was established with only 6 students which has now flourished into more than 50 educational institutes and more than 52,000 students under the umbrella of SVKM.

In SVKM, a Principal has all liberty of Institutional Development except the cancellation of Admission. As the Trust believes that no student should be devoid of education due to Financial limitation. If needed, the Trust waves Tuition Fees, Hostel Fees and in a special case, along with all these fees waver, after college hours, the Trust offers On-campus Job for his/her educational as well as socio-economic continuance.

Besides the Government Scholarships, the Trust provides Means and Merit Scholarships every year out which our institute has received these scholarships.

Students' Scholarship By Institution		
	No. of Students	Amount
Maneklal Patel Memorial Merit and Means Scholarship	222	9,02,420
Alumni Scholarship	27	69,940
Fee Waver	67	3,27,730
DMPK Memoriam Scholarship	126	51,221
SUM Prizes	4	480
SMV Scholarship	8	2,250
Sitaram Scholarship	22	2,500
SDY Scholarship	6	2,000
Ex-Principal Scholarship	22	19,800
GK Scholarship	13	36,000
Soil Testing Fellowship	166	25,81,683
Hostel Fee Waver	13	1,55,905
Handicap Scholarship	14	2,720
Academic Fellowship	36	9,507
Sarve Netrutva Fellowship	76	2,28,000
Science Fair Fellowship	125	21,539
Prizes for Excellence	254	1,27,000
Total	1201	45,40,695

5. Obstacles faced if any and strategies adopted to overcome them :

1. With this financial aid to the needy students, the college expects 90% attendance on his/her part;

and if this condition is not strictly followed by the student, he/she is disqualified for the financial aid. To overcome this hitch in favour of the student for his/her education career enhancement, the college counsels the students, his/her parents and organizes additional classes, provides extra assignments to fill the gap and an assurance is taken from the student for 90% attendance for his/her better future.

2. Sometimes, such needy students unaware of this healthy practice of the college, borrow money from the market on high interest rate which later drags them into vicious cycle of money-lenders. Through healthy Mentorship Programs, such students are identified, counseled, financially helped and saved from family disasters. Thus, such students are brought back to educational world safely.

6. Impact of the Practice:

- Bright students, particularly, girls from the lower strata of the society, are forced to quit education due to their financial conditions, while in the case of boys from poor family are asked to join labour work for family earning. Such students are acknowledged, counseled and helped financially-academically for perseverance of their higher educational studies for a proper career orientation.
- Such beneficiary students, after acquiring a sound socio-academic professional status, comes back to pay back the moral and financial indebtedness they owe to the college, to sustain this healthy practice for the coming generations of students. And this has created a “Happy Circle” through PAA, a strong College Alumni Association, always eager to contribute academically, financially as well as through industrial-academic partnership with the educational journey of the college.

Case study 1

- Renowned US Astronaut Sunita Williams is a daughter of this land. Her father, Deepak Pandya, is an alumnus of the Trust. When Sunita visited this campus on September 21, 2007, she expressed her indebtedness as, “I would not have been whatever I am today if this institution had not parented and nurtured my father after he lost his parents in childhood.”
- Mehta Charmy Bhaveshbhai was a student of Biotechnology Dept during 2014-17. During the 2015-16 Recession, her father lost this job in a company named PSL Ltd. The father requested the Principal to cancel Charmy’s admission due to the family financial loss. But taking into account her sincerity, punctuality and academic performance in study, the college gave her Rs 11,500 Scholarship during 2015-16 and 2016-17. Along with this, to sustain her hostel and academic expenses, she was involved in Macro-Micro Soil Health Card Project, Govt. of Gujarat. After college hours, she rigorously worked for Soil sample analysis and prepared Soil Health Cards. As a result, she earned Rs 7,830 during 2015-16 and Rs 15,000 during 2016-17. Thus, overall she earned Rs 23,000 as Scholarship and Rs. 22,830 as a stipend. This financial security gave her an opportunity to utilize her educational potential at her best. She won **Silver Medal in BT Voice**, a National Level Elocution Competition organized by Novozymes South Asia Private Ltd at Mumbai. She was also felicitated with “**Sukanya Trophy**” for **Best Girl Category College Award** in the Annual Function in 2017. Just after the completion of her graduation studies, she was **selected for Allen Career Institute Kota**. After the completion of her training successfully, she has been **offered Rs 5 Lakh package**. Since then, she has been an active College and Department Alumni Chapter and has actively participated in College Alumni Association activities.

7. Resources Required

To make this healthy academic practice more effective, the college has tried to discover various

NGOs to participate in this noble educational act. As a result, including the Ex-principal and Ex-vice-principal, the college has successfully involved 14 Trusts to help the students through books, prizes, scholarships etc. They are as follows:

1	Shree Maneklal M.Patel Memorial Merit and Means Scholarship
2	Alumni Association Scholarship
3	Tuition fee & Hostel Fee Waver by the SVKM Trust
4	DiwaliBa Madhavlala Patel Kadiwala Memoriam Trust Scholarship
5	Swami Umeshchandra Manilal Paritoshik Scholarship
6	Smt.Manguben Vinodbhai Trust Fund Scholarship
7	Sitaram Trust Paritoshik Scholarship
8	Shree Devchand Yogi Trust Fund Scholarship
9	Formar Principal Shree D.J.Patel Scholarship
10	Gopaldas Kanshara Higher Educaiton Scholarship by the alumnus, Dr.Hasit Dangi
11	Soil Health Card Project Stipend
12	Patel Ritaben Radhvjibhai Fellowship for Handicap students
13	Sarve Netrutva Freeship
14	Fellowship for Science Fair

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Strong Industry-Academic Linkages

Aiming at the Institutional Vision, Thrust, and Skill-based Employability Mission, the college has taken up Skill Acquisition Program to equip students with good Industrial exposure to provide them with multiple industrial employments, self-employment and holistic development.

Through Vocational Education the college caters the Industrial needs. Based on the Institutional Vision, Industry Need-Based Skills are imparted to the students thereby facilitating them in getting desirable jobs.

Kadi is a Hub of Industries: Availability of Opportunities

Textile Sector: Kadi is known as Asia's largest hub for Cotton industries.

There are around 300 Cotton industries within 5 km radius of Kadi. Gujarat produces 33% cotton of the national average. Kadi is also the export hub of Cotton-bales as 15% cotton-bales have been exported from Kadi.

Pharmaceutical Sector: Gujarat commands 42% share of India's Pharmaceutical turn over and 22% share of exports. Kadi has 15 leading Pharma Companies including MNCs like Torrent Pharma, Lincoln Pharmaceuticals Pvt. Ltd., Hester Bio-sciences, Cadila Pharmaceuticals.

Agriculture Sector: Kadi is a centre of North Gujarat where Farming is a traditional occupation for people. Besides traditional farming, people opt farming of spices and other crops like tomato, lemon, castor oil seeds. Kadi has more than 20 Agro Companies.

Ceramic Sector: Gujarat is Nation's largest hub for Ceramic industries sharing 70% of national ceramic production. More than 20 ceramic industries around Kadi region including multinational Companies like Cera Sanitary wares Ltd. and Somany Ceramics Ltd. with annual turnover of more than Rs 1,500 crore.

To fulfill the skill-gap of the above industrial sectors, the college initiated Five Vocation Programs in 2014 and 2015. B.Voc. & Community College Programs in Textile, Pharma, Agriculture and Ceramic Skill Sectors.

Four Industry-Academia Meets Organized to identify the "Skill Gap Requirements of the Industries" and for effective "Curriculum Design"

1. Textile Meet on May 18, 2014 with more than 100 industries participated
2. Pharma Meet On January 17, 2015 with more than 70 industries participated
3. Agriculture Meet on March 26, 2015 with more than 35 industries participated
4. Ceramic Meet on June 15, 2016 with more than 32 industries participated

Strong Industrial Linkage: More than 35 Industrial MoUs : 16 Textile, 11 Pharma, 8 Agriculture and 4 Ceramic industries for **Four fold Industrial Role**, such as,

- Curriculum Design,
- Industrial Visits & Training,
- Skill Assessment
- Placements

NSQF Level wise special Skill Cards are designed, with the help of Industry Experts, to assess accuracy and efficiency of the students.

Industrial Sector	Industrial Visit	Industrial Trainings		Industry Expert lectures	Placement	Industry Experts for NSQF Skill Card Assessment
		Trainings	students benefited			
Textile	35	27	162	42	140	16
Pharma	28	22	108	29	33	16
Agriculture	32	12	158	23	65	20
Ceramic	21	04	87	40	75	06

- 10% students of Pharmaceutical Chemistry opted start-ups and 30% students opted for M.Voc. Studies.
- 30% students from Agriculture & Soil Sciences chose to become an Agripreneur.

File Description	Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

Apart from last five years development mentioned in the SSR, during the current academic year 2018-19, the college has reached the following **Four Major Additional Educational Milestones**:

1. The college has got **3 Major Research Projects** worth Rs 1.68 Crore from GSBTM, DST, Govt. of Gujarat

Sr. No.	Name of the Investigator	Project Topic	Grant Sanctioned
1	Dr Minal Trivedi Principal Investigator	Valorization of Vegetable and Fruit Market Waste by Bioconversion.	53,49,674
2	Dr Kamlesh Shah Principal Investigator	An integrated process to enhance the biological treatment efficiency and improve the quality of effluent discharge from paper and pulp industry	66,01,458
3	Dr Harsha Soni Co-principal investigator	Development of integrated wastewater treatment systems using alternative innovative approaches of Microbial Fuel Cells, Magnetic Nanoparticles and Vermicomposting with Water Hyacinth for secondary sludge management	48,96,574

1. Rs 2 Crore Grant under **RUSA 2.0 for Infrastructure Development**.
2. Under **DDU KAUSHAL Kendra**, the college has started following new programs in academic year 2018-19.
 1. M.Voc. in Pharmaceutical Chemistry
 2. And has got approval to start new Vocational Programs
 1. Computer Proficiency in Hardware and Software
 2. Hospitality and Tourism Management
3. The college has again ranked among Top 100 colleges of the country(2019) in survey conducted by India Today and MDRA

Concluding Remarks :

The college aspires to develop professionally sound students with courage, commitment and conviction who have respect for the profession imbued with social & ethical values and traits.

The college has effectively implemented the quality initiatives planned and recommended by IQAC and Governing Body.

In the post-accreditation period (for 3rd cycle of accreditation), the college has taken several initiatives as suggested by NAAC peer team of last accreditation cycle and many other innovative initiatives which has made incremental improvements in all domains, may it be Physical and Learning infrastructure, Curriculum design, Planning and Delivery in collaborations with local industries to fulfill their needs, Teaching-Learning and Evaluation, Research and Consultancy, Student all round development through curricular, co-curricular and extra-curricular activities, Promotion of transparent and participatory governance, Promoting Institutional Values and innovative practices to help realize the institution's mission as an agent of social Transformation and in all other related criterion aspects, year by year, which reflects in the working of the college and its achievements.

The college is situated in the rural background, considering this as a local potential advantage, we are providing quality and advanced education to rural masses through skill based vocational education ranging from diploma to Master of vocation programs in Pharma, Agriculture, Textile and Ceramic services sectors. College is also going to add two service sectors, namely, IT and Tourism from next academic year. This shows our strength in the quest for excellence.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years</p> <p>1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>16</td> <td>16</td> <td>17</td> <td>15</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>0</td> <td>9</td> <td>8</td> <td>10</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	16	16	16	17	15	2017-18	2016-17	2015-16	2014-15	2013-14	7	0	9	8	10
2017-18	2016-17	2015-16	2014-15	2013-14																	
16	16	16	17	15																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
7	0	9	8	10																	
1.2.3	<p>Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years</p> <p>1.2.3.1. Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>976</td> <td>1195</td> <td>1087</td> <td>515</td> <td>1395</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>450</td> <td>735</td> <td>337</td> <td>109</td> <td>977</td> </tr> </tbody> </table> <p>Remark : The HEI input updated for only those certificate/ diploma add on programs which are included in 1.1.2 and for which there is documentation. It was requested to HEI by DVV in deviation remarks for documentation of add on courses and programs which are not included in 1.1.2 but their student enrollment is mentioned in 1.2.3 but HEI has not provided any documentation except for SCOPE. SCOPE has been included in 1.2.3 and hence will not be included again in VET program. the programs considered are as mentioned below:- -SCOPE -Diploma in Textile and Ginning Technology -Diploma in Agriculture and Soil Sciences -Certificate course in Macronutrient Soil analysis -Diploma in Ceramic Technology -Certificate course in Micronutrient Soil analysis</p>	2017-18	2016-17	2015-16	2014-15	2013-14	976	1195	1087	515	1395	2017-18	2016-17	2015-16	2014-15	2013-14	450	735	337	109	977
2017-18	2016-17	2015-16	2014-15	2013-14																	
976	1195	1087	515	1395																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
450	735	337	109	977																	
1.3.2	<p>Number of value added courses imparting transferable and life skills offered during the last five years</p> <p>1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the</p>																				

last five years

Answer before DVV Verification : 28

Answer after DVV Verification: 23

Remark : The HEI input updated to 23 by removing the below mentioned courses which have been included in 1.1.2 and 1.2.3 -SCOPE -Certificate Course in Macro nutrient analysis Soil -Certificate Course in Micro nutrient analysis NSS and NCC are not considered in this metric.

1.3.3 Percentage of students undertaking field projects / internships

1.3.3.1. Number of students undertaking field projects or internships

Answer before DVV Verification : 1218

Answer after DVV Verification: 1218

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

2.3.2.1. Number of teachers using ICT

Answer before DVV Verification : 35

Answer after DVV Verification: 33

Remark : The number of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. cannot be more than the total number of Full time teachers as in 3.1 which is 34. As due to system restrictions comments cannot be written without change in input, DVV has updated the HEI input to 33

2.3.3 Ratio of students to mentor for academic and stress related issues

2.3.3.1. Number of mentors

Answer before DVV Verification : 37

Answer after DVV Verification: 33

Remark : The number of teacher mentor for academic and stress related issues, cannot be more than the total number of Full time teachers as in 3.1 which is 34. As due to system restrictions comments cannot be written without change in input, DVV has updated the HEI input to 33

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

2.4.2.1. Number of full time teachers with Ph.D. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
24	22	19	19	19

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
24	22	19	19	19

2.4.4	<p>Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years</p> <p>2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 427 1046 562"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 640 1046 775"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>1</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	0	1	1	1	2	2017-18	2016-17	2015-16	2014-15	2013-14	0	1	1	0	1
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	1	1	1	2																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	1	1	0	1																	
3.1.2	<p>Percentage of teachers recognised as research guides at present</p> <p>3.1.2.1. Number of teachers recognised as research guides</p> <p>Answer before DVV Verification : 0</p> <p>Answer after DVV Verification: 6</p>																				
3.2.2	<p>Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years</p> <p>3.2.2.1. Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1290 1046 1424"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>15</td> <td>10</td> <td>14</td> <td>08</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1503 1046 1637"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>15</td> <td>10</td> <td>14</td> <td>8</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	21	15	10	14	08	2017-18	2016-17	2015-16	2014-15	2013-14	21	15	10	14	8
2017-18	2016-17	2015-16	2014-15	2013-14																	
21	15	10	14	08																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
21	15	10	14	8																	
3.3.3	<p>Number of Ph.D.s awarded per teacher during the last five years</p> <p>3.3.3.1. How many Ph.Ds awarded within last five years</p> <p>Answer before DVV Verification : 15</p> <p>Answer after DVV Verification: 15</p> <p>3.3.3.2. Number of teachers recognized as guides during the last five years</p> <p>Answer before DVV Verification : 6</p> <p>Answer after DVV Verification: 6</p> <p>Remark : The HEI input updated as per clarification in 3.1.2</p>																				

3.3.4	<p>Number of research papers per teacher in the Journals notified on UGC website during the last five years</p> <p>3.3.4.1. Number of research papers in the Journals notified on UGC website during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 389 1046 524"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>4</td> <td>3</td> <td>5</td> <td>13</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 602 1046 736"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>06</td> <td>01</td> <td>3</td> <td>5</td> <td>05</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	7	4	3	5	13	2017-18	2016-17	2015-16	2014-15	2013-14	06	01	3	5	05
2017-18	2016-17	2015-16	2014-15	2013-14																	
7	4	3	5	13																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
06	01	3	5	05																	
3.3.5	<p>Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years</p> <p>3.3.5.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1014 1046 1149"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>12</td> <td>7</td> <td>22</td> <td>10</td> <td>3</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1227 1046 1361"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>6</td> <td>21</td> <td>10</td> <td>2</td> </tr> </tbody> </table>	2017-18	2016-17	2015-16	2014-15	2013-14	12	7	22	10	3	2017-18	2016-17	2015-16	2014-15	2013-14	10	6	21	10	2
2017-18	2016-17	2015-16	2014-15	2013-14																	
12	7	22	10	3																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
10	6	21	10	2																	
3.4.2	<p>Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years</p> <p>3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1637 1046 1771"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>34</td> <td>22</td> <td>19</td> <td>17</td> <td>14</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1850 1046 1984"> <thead> <tr> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> <th>2013-14</th> </tr> </thead> <tbody> <tr> <td>02</td> <td>0</td> <td>01</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : The HEI was advised that entries mentioned were not awards or recognition but general</p>	2017-18	2016-17	2015-16	2014-15	2013-14	34	22	19	17	14	2017-18	2016-17	2015-16	2014-15	2013-14	02	0	01	0	0
2017-18	2016-17	2015-16	2014-15	2013-14																	
34	22	19	17	14																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
02	0	01	0	0																	

letters in confirmation to the conduct of certain activity. these do not qualify as award. The HEI was requested to provide specific unique awards if any that is received for extension activities from Government /recognised bodies year-wise during the last five years. The HEI has provided the same documents, some even in local language without attaching an English translation. However letter of Appreciation of KADI Nagarpalika dated 9 Oct 15 and 15 Sep 17 considered. Samman Chinh of 15 Aug 17 is in Gujarati, no Eng translation provided, but considered.

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
36	25	27	29	33

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
34	25	26	26	29

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1390	1472	1249	1388	1218

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1390	850	1050	473	162

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

3.5.1.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
36	14	11	4	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	01	22	14	1

Remark : The HEI was advised that the data attached by HEI are Field visits, appointment letters, internship completion certificates, one day- two days teachers visits/ talks/ workshops which are not Linkages. The HEI was also advised that the linkages would be formally agreed two way signed agreement between the institute and organisation and must specify the purpose of linkage. The HEI has claimed the same data in its response. None of the data points are eligible. At the same time All the MoU's claimed in 3.5.2 are infact linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years. In order to give benefit to the Institute, the data of 3.5.2 is considered here.

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

3.5.2.1. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
38	38	38	27	12

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	0	0	0	0

Remark : None of the Agreements attached are functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years. All the MoU's as attached with the Metric are linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years. These qualify only under 3.5.1 and are considered there. Only formal MoU's with institutions of national, international importance, other universities, industries, corporate houses etc. are eligible.

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 26

Answer after DVV Verification: 26

4.2.6 Percentage per day usage of library by teachers and students

4.2.6.1. Average number of teachers and students using library per day over last one year

Answer before DVV Verification : 1222

Answer after DVV Verification: 1222

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer before DVV Verification : ≥ 50 MBPS

Answer After DVV Verification: ≥ 50 MBPS

Remark : The HEI input updated as per HEI clarification reponse

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Answer before DVV Verification : Yes

Answer After DVV Verification: No

5.1.2 Average percentage of students benefited by scholarships, freships, etc. provided by the institution besides government schemes during the last five years

5.1.2.1. Total number of students benefited by scholarships, freships, etc provided by the institution besides government schemes year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
407	286	192	157	159

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
121	108	115	111	135

Remark : The HEI input updated after removing number of students mentioned against fellowships and prize for which the monetary value is zero and s

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

5.1.4.1. Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1485	1403	1410	1294	1354

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
282	163	66	44	0

Remark : The HEI has considered the numbers of students benefited by Gujarat state Biotechnology Mission (GSBTM) and sessions by Gujarat Public Service Commission (GPSC). all the other data provided by HEI for career counselling sessions(list and pictures) do not prove its claim. for example, The HEI has given 300 pages of data on workshops which are not at all relevant to competitive examinations and career counselling- -Application of MATLAB -Experimental Physics Stage show -Seminar on Sanskrit and indian culture -Workshop on electronic circuit and quantum mechanics -Training on sophisticated instruments in various years -Role of R&D in Pharma - Seminar on Future of Microbiology the number of list have been provided by HEI without any summary and hence HEI input updated which was verifiable.

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

5.1.5.1. Number of students attending VET year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
647	995	839	134	991

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
126	143	99	54	0

Remark : The HEI input updated after considering only B.Voc (Textile and Ginning Technology) B.Voc (Pharmaceutical Chemistry) SCOPE has been given credit in 1.2.3 and hence not considered in 5.1.5. for any other program there is no concrete proof of those being VET.

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Answer before DVV Verification : Yes

Answer After DVV Verification: Yes

5.2.2 Percentage of student progression to higher education (previous graduating batch)

5.2.2.1. Number of outgoing students progressing to higher education

Answer before DVV Verification : 197

Answer after DVV Verification: 197

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) year wise during last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
368	564	297	54	583

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	4	0	12	20

5.2.3.2. Number of students who have appeared for the exams year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
679	712	554	81	925

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
679	712	554	81	925

Remark : The HEI input updated after removing students who have been mentioned for NSDC certification. NSDC doesn't conduct any State/ National/ International level examinations but gives recognition to agency to impart skills/ certificate courses/ programs. Please refer the link <https://nsdcindia.org/about-us> NSDC aims to promote skill development by catalyzing creation of large, quality and for-profit vocational institutions. Further, the organisation provides funding to build scalable and profitable vocational training initiatives. Its mandate is also to enable support system which focuses on quality assurance, information systems and train the trainer academies either directly or through partnerships. NSDC acts as a catalyst in skill development by providing funding to enterprises, companies and organizations that provide skill training. It also develops appropriate models to enhance, support and coordinate private sector initiatives. The differentiated focus on 21 sectors under NSDC's purview and its understanding of their viability will make every sector attractive to private investment.

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) during the last five years.

5.3.1.1. 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-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
11	34	6	0	1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

Remark : The HEI has claimed NCC activities as sports/cultural activities. Selection to represent Indian Contingent is participation only. The HEI claim of the performance in NCC camps is limited to the group and NCC. It may be commendable but does not qualify as wards/medals for outstanding performance in sports/cultural activities at national/international level.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
63	52	55	60	51

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
06	06	05	06	05

Remark : As pr the HEI (in response) SAPTADHARA (Seven Bands) is a special initiative for Cultural and Sports activities by Govt. of Gujarat. The attached data contains events that do not qualify as sports and cultural activities/ competitions organized at the institution level. The HEI was advised that it is number of activities and not events that count. All Athletic events (Citius, Altius, Fortius) all are part of activity sports day and count 01. Similarly dance/singing is one, painting/Rangoli/Cartooning/Mehdi is 01 and Drama/ Skit is 01. Accordingly the HEI claim was updated (based on the reports attached). 1. 4G carnival - 2017-18 2. Lit FEST - 2016-17 3. Samvedhna celebration- 2016-17 and 2017-18 3. Gandhi Nirvana Day 2014-15 4. Sports/ Annual Day (All five years) 5. Theater Band (All five years)). The expenditure statement as attached (provided in response) does not augment support. The HEI has provided no additional support of conduct of any new event. The HEI has included ecents like Dance workshop -2 Men-Khokho Kadi. Digital Banking Awareness Program, Slogan day,BEST FROM WASTE, Floating Books Celebration, NSS Orientation Program, Blood Donation Camp EXTEMPORE,DEBATE, ESSAY WRITING, Intercolleg and district Kadi activities like Women-Softball, Men-Archery for outsiders. The reports as attached in the SSR providing Saptdhara events in grouped activities support the DVV statement of clubbing events. Each Dhara is accommodated except knowledge and extempore/ oration/debate which are academic activities.

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

5.4.3.1. Number of Alumni Association /Chapters meetings held year-wise during the last five

years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	8	6	6

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	8	6	6

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

Answer before DVV Verification : A. All 5 of the above

Answer After DVV Verification: A. All 5 of the above

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
30	29	32	24	32

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
09	1	1	0	1

Remark : 1.2013-14 Executive Development program 2. 2015-16 RUSA sponsored short Term Course on Class Room teaching- 26/9/2015 to 2/10/2015 3.2016-17 Orientation Course 19/10 to 15/11/2016 4. 2017-18 Refresher Course 17/7/2017 to 5/8/2017 & International Faculty Development Program 27-28/11/2017, 18-19-20/3/2018

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

6.4.2.1. Total Grants received from non-government bodies, individuals, philanthropists year-wise

during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
78.43171	2.91650	3.68895	1.86905	2.07071

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
78.43171	2.91650	3.68895	1.86905	2.07071

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Answer before DVV Verification : A. Any 4 of the above

Answer After DVV Verification: B. Any 3 of the above

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
10	13	15	10	11

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	6	4	4	4

Remark : The Following activities are considered:- 2013-14 Orientation programme for hygiene of girls 2013-14 Talk on Human Rights and Women 2013-14 Self Defence Training Programme 2013-14 Women's day celebration 2014-15 One day seminar on Women empowerment 2014-15 One day workshop on Women right and judiciary issues 2014-15 Felicitation of "Single Girl Child"

	<p>2014-15 Seminar on Women Empowerment and Career Guidance 2015-16 Mahila Sasaktikaran Day Celebration 2015-16 Self defence Training Programme 2015-16 Single girl child Parents felicitation 2015-16 Regional Workshop on Women Skill Development 2016-17 Seminar on Career development and Women empowerment 2016-17 Slogan Day Celebration "Save Girl Child" 2016-17 Women's day celebration 2016-17 Felicitation of Entrepreneur women of Kadi 2016-17 Swayam Sidhha 2016-17 Parenting of Girl Child 2017-18 Discussion on Gender Issues. 2017-18 Women's day celebration 2017-18 Swayam Sidhha **The below mentioned activities have no relation to the subject of gender equity programs hence not considered:- 2013-14 Saptdhara Competition 2013-14 Workshop on Ceramic painting 2013-14 Interactive session on Use of House hold spices and Herbs for managing women Health Issues 2013-14 Street Play- BETI BACHAO 2013-14 Workshop on Pottery 2013-14 Felicitation of Women Achievers 2013-14 Rakshabandhan Celebration 2014-15 Seminar on Opportunities in Skill Sector 2014-15 Workshop training on " Best from Waste" 2014-15 Women's day celebration 2014-15 Seminar on Health and hygiene' of girls 2014-15 Yuva Vikas Trust Essay Competition 2014-15 Rakshabandhan Celebration 2015-16 Dress code meeting 2015-16 Workshop Digital Literacy 2015-16 Interactive session on Gynecological Issues of women 2015-16 GHPL: Girls Hostel Premiere League 2015-16 Lit-Fest 2015-16 Entrepreneurship awareness Camp 2015-16 Dance programme 2015-16 Rasoi Show 2015-16 Art and Craft exhibition 2015-16 Fashion Show Arrangement 2015-16 Rakshabandhan Celebration 2016-17 Rexine bag</p>
7.1.4	<p>Percentage of annual lighting power requirements met through LED bulbs</p> <p>7.1.4.1. Annual lighting power requirement met through LED bulbs (in KWH) Answer before DVV Verification : 5.424 Answer after DVV Verification: 5.424</p> <p>7.1.4.2. Annual lighting power requirement (in KWH) Answer before DVV Verification : 8.544 Answer after DVV Verification: 8.544</p>
7.1.9	<p>Differently abled (Divyangjan) Friendliness Resources available in the institution:</p> <ol style="list-style-type: none"> 1. Physical facilities 2. Provision for lift 3. Ramp / Rails 4. Braille Software/facilities 5. Rest Rooms 6. Scribes for examination 7. Special skill development for differently abled students 8. Any other similar facility (Specify) <p>Answer before DVV Verification : A. 7 and more of the above Answer After DVV Verification: B. At least 6 of the above</p> <p>Remark : The Lift invoice/ installation documents has no mention of name of college, hence cannot be considered.</p>
7.1.10	<p>Number of Specific initiatives to address locational advantages and disadvantages during the last five years</p> <p>7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years</p> <p>Answer before DVV Verification:</p>

2017-18	2016-17	2015-16	2014-15	2013-14
12	11	13	7	11

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	7	7	5	1

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
16	17	15	13	8

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
15	16	15	13	8

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
17	16	16	14	14

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
13	13	13	12	13

2.Extended Profile Deviations

ID	Extended Questions
1.1	Number of students year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1519	1678	1707	1779	1741

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1519	1678	1707	1779	1741

2.1 Number of full time teachers year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
35	35	35	33	32

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
34	34	34	32	31

3.1 Total number of classrooms and seminar halls

Answer before DVV Verification : 26

Answer after DVV Verification : 26

3.3 Number of computers

Answer before DVV Verification : 598

Answer after DVV Verification : 206