SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

PRAMUKH SWAMI SCIENCE AND H. D. PATEL ARTS COLLEGE

SARVA VIDYALAYA CAMPUS, BEHIND RAILWAY STATION, KADI DIST.
MEHSANA
382715
www.psshda.ac.in

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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'(SVKM), 105 years old philanthropic organization, nurtured and managed by its extensive alumni network, the organization addresses the society's educational needs.

- Mahatma Gandhi visited our campus in 1929 and praised 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. The college offers various Under-Graduate, Post-Graduate and Ph.D. level programs in Science, Arts and Vocational stream.

The college is

· Accredited with grade 'A' by NAAC in 2019 with CGPA 3.25 in it's third cycle of Accreditation

· College with potential for excellence- UGC (2010 to 2019)

· AAA Rank-1 by Govt. of Gujarat.

College is having

- 'Skill Vigyan Kendra' by Department of Biotechnology, Government of India
- Student Startup and Innovation Policy (SSIP) by Govt. of Gujarat
- Regional Centre for 'Biotechnology Capacity Building Cell" by GSBTM, DST, Govt. of Gujarat
- Finishing School by Govt. of Gujarat

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

To achieve this vision, our MISSION focuses on eleven key objectives:

- To promote an interdisciplinary approach, integrating sciences, arts, humanities, and vocational subjects.
- To foster an environment of inclusivity and respect for diversity.
- To integrate modern technology and innovative teaching methods.
- To inculcate research, innovation, and entrepreneurial aptitude among students via Students' Start Ups and Innovations.
- To cultivate a research culture among teachers to foster interdisciplinary and innovative projects for societal development.
- To instill enthusiasm for preservation of languages, art and cultural heritage.
- To uphold the values of ethics, human rights, and social responsibility.
- To encourage collaborations with industry and other academic institutions.
- To support lifelong learning and continuous professional development.
- To upgrade state of the art infrastructure to facilitate teaching, research and sports.
- To encourage students to contribute positively to society and the nation.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- 105 years old Philanthropic Trust with rich educational heritage
- Visionary and Dynamic Management dedicated to offer Quality Education at affordable cost.
- Commitment to industry need-based and value based education
- Proactive and functional IQAC
- More than 80% teachers are Ph.D./NET/GSET qualified, 20% teachers are Ph.D. supervisors
- SSIP Cell for Students' innovation and entrepreneurial aptitude development with more than 45 PoCs ,start-ups and 5 patents.
- Finishing School for Soft skill development
- Rich Scholarship and Free-ship schemes from the institution
- State-of-the-art infrastructure with science labs, Computer Centre, Language Lab, Central Research lab, Advanced Plant Tissue culture lab, Virtual Classroom, 22 ICT based Classrooms including 6 smart classrooms, 4 Seminar Halls, Indoor Sport Complex, Health Centre, separate Boys – Girls Hostels,
- Computerized College library with AC Reading Hall and 24X7 online access
- Wi-Fi Campus with 300 mbps Internet Connectivity access for all teachers and students
- Clean, lush green Eco-friendly campus with Solar panels of 30 kw, Rainwater harvesting system and composting.
- Secure and Safe environment on campus through more than 1300 CCTV surveillance and 23 security guards
- Active Women Development Cell and Women Entrepreneurship Cell
- More than 30 functional MoUs with industries, and academic institutes and 2 Government Departments
- Healthy Feedback analysis system
- Active support of the Alumni

Institutional Weakness

- Being an affiliated college, there is less scope for change in curriculum and evaluation system
- Dependence on Government Funding affects the program outcomes and quality in the case of fluctuations in government policy.
- Less tie ups with national level institutes and universities.
- Limited modes of conveyance restrict the diversity of interstate students.
- Rural students often feel hesitant in English communication abilities.

Institutional Opportunity

- To upgrade the college from College with Potential for Excellence to Centre of Excellence
- To increase inter disciplinary research and innovation
- To generate revenue through Patent, Consultancy and online courses
- To raise various research projects and practice innovative-participative learning for profession development and economic growth
- To raise placement through active alumni engagement
- Scope to collaborate with national and international level institutions.
- Creation of e-content by teachers through maximum access to the available e-learning resources.
- To inspire PG students towards research centric learning, publication and competitive exams
- To create virtual educational environment through developing e-resources

Institutional Challenge

- Decreasing government funding with rising operational costs.
- To deal with students' mental anxiety born out of overuse of social networking.
- To balance the Faculty workload of teaching, research, and service responsibilities.
- To protect student and institutional sensitive data with limited IT resources
- To compete with the private universities.
- To adopt rapidly evolving technological upgradations.
- Complex government administrative processes hinders efficiency and innovation.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college is permanently affiliated to Hemchandracharya North Gujarat University, Patan. College offers **09 Undergraduate programs and 3 Post Graduate programs** in three different disciplines of Science, Arts and Vocation Study following the **Choice Based Credit System (CBCS)** and **NEP-2020** designed by the affiliating University

Curriculum delivery

- Every department has a fairly implemented **curriculum plan** that is effectively delivered to the students according to the **Academic Calendar** prepared by the college.

- A 30-point educational agenda is developed by the College based on NAAC quality parameters according to which a detailed College Activity Calendar is designed, encompassing curricular, co-curricular, and extra-curricular activities.
- Bridge Course is designed for first semester students' to equip with the necessary skills and knowledge require to bring them into main stream.
- For the effective transmission and delivery of curricula, with more than 25 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 and to enhance skills through experiential learning approach.

Continuous Internal Evaluation

- In alignment with the National Education Policy (NEP), the evaluation process is bifurcated into Continuous & Comprehensive Evaluation (CCE) and Semester End Evaluation (SEE), each carrying a 50% weightage. Under CCE, seminars, assignments, Group Discussion, projects, internships, industrial training, attendance, written tests and Quizzes are taken into consideration.
- In vocational program, industry professionals are involved in assessing students' Skill Cards prior to their final examinations.

Add-on Courses

- College has offered **24 Add-on Courses** and **5 Certificate Courses** in the last 5 years to impart career oriented as well as life skills among the students.

Cross-cutting Issues

- Effective integration of cross-cutting issues relevant to Gender, Environment, Human Values, and Professional Ethics are addressed into the curriculum.
- IKS is an integral part of curriculum implemented under NEP 2020.
- 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

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

Teaching-learning and Evaluation

The College has exhibited robust commitment to enhance the **Teaching-Learning and Evaluation Processes** within its academic framework.

Admission (Enrollment)

- The college admission procedure is online and centralized through university in PG and according to merit basis in UG as per Government Reservation Norms.

- The average percentage of enrollment is more than 95% against sanctioned seats. 100% seats are filled against reservation policy.

ICT infrastructure

- A Plethora of **ICT infrastructure** including LMS, Language lab, Inflibnet Subscription, Projectors, Smart Classrooms, High-speed internet, updated-configuration computers, Digital podium, Information kiosk and many others are available for providing quality education to students.
- To enhance understanding, faculties utilize a variety of software like PhET, oPhysics, GeoGebra, and Avogadro. Virtual Lab for Interactive Simulations, Virtual Labs (VLabs), Python, GNU Octave software for Maths Analysis, Open-source software, GAMESS, ORCA, Gchem Paint, LaTex & LibreOffice for academic writing including Thesis/dissertation, Compilers C and C++ for programming.

Experiential, Participative and Problem-solving Teaching-Learning methodologies

- The College effectively emphasizes upon promoting **experiential, participative and problem-solving Teaching-learning methodologies.** Various student centric learning methodologies like Industrial Training, Internships, Study Tours and Field Projects, Student Startups, Science Hackathons are implemented to enhance teaching-learning processes.

Faculty Profile and Strength

- The College has a pool of Faculty members representing both youth and experience. 89% of Full-time sanctioned posts of Faculty members are filled.
- 80% of Full-time Faculty members are qualified with NET/SLET/Ph.D. degrees.

Internal and External Examinations

- 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.
- Robust Internal Assessment Mechanism monitored centrally by the Examination committees.
- Transparent, time-bound and efficient mechanism to deal with examination related grievances. Students can register their **Examination-oriented grievances** through examination committee via written complaint mechanism.

POs, PSOs and COs enlistment, circulation and evaluation of their Attainment

- PO, PSO and CO are stated, displayed on website and effectively communicated with the students during Mentor meetings and Department Club meetings.
- The evaluation and attainment of enlisted Outcomes (POs, PSOs and COs) is conducted through a culmination of Internal – External Results analysis, Seminars, Projects, Assignments etc.

Research, Innovations and Extension

Research facilities and research projects:

- The college has State-of-the-art infrastructure for Research and Innovation like Advanced Central Sophisticated Instrumentation Laboratory, Advanced Plant Tissue Culture Laboratory and Incubation Center for SSIP, Soil-Testing Laboratory and library facilities.
- Faculty members of the college have received 05 Research projects including 3 Major Research Projects from Gujarat State Biotechnology Mission, Govt. of Gujarat worth Rs. 73,37,263/-

Innovation Ecosystem and IPR :

- The College has created an ecosystem for innovations through Incubation Centre, Start-up support, Entrepreneurship Cell and Capacity Building activities for IPR.
- The institute has incubation center for SSIP (Student Start-up and Innovation Policy) by Government of Gujarat in which students are encouraged and sensitized for innovations. 48 PoCs have been supported with funding of more than Rs.35,00,000/- via SSIP.
- One Trademark has been registered and 3 Startups have been registered in MSME via SSIP.
- Five patents of the faculty members have been successfully published by The Patent Office, Govt. of India as well as Intellectual Property Office, UK.
- 48 workshops/seminars/conferences are organized on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship.

Research Publications and Books Publications:

- 69 research papers have been published by the Faculty members.
- 138 books and book chapters with ISBN have been published during the last five years.

Extension Activates and Community Engagement:

- NSS and NCC units that undertake undertake extension activities in the neighborhood community and help in the holistic development of students and the vicinity.
- Participation in Unnat Bharat Abhiyan, Swachh Bharat Summer Internship, AIDS Awareness, Blood Donation Camps, Gender Parity activities etc.

MoU/Linkage and Collaborative activities:

- **33** functional MoUs & linkages with different industries, academic institutions and Knowledge Consortium of Gujarat, Govt. of Gujarat.

Awards and Recognitions:

- District Green Champion Award by MGNCRE, Ministry of Education Government of India
- District Eco-SDG Champion Award 2023 by APEX SDG
- First Rank in Swachhata Ranking Organized by Kadi Nagarpalika "Swachhata Sarvekshan-2020"
- Gratitude Award from District Collector, Mehsana and Gandhinagar for Excellent Work during Covid-19 Pandemic
- 17 recognitions from various government and government recognized bodies for their extension services for the neighborhood community.

Infrastructure and Learning Resources

Physical facilities

- **Classrooms:** The College has state-of-the-art infrastructural facilities for teaching and learning which includes: ICT enabled 22 classrooms (including 6 Smart classrooms) and 4 seminar halls including Virtual Hall equipped with 360 degree PTZ camera, ICT tools and smart-board.
- **Laboratories**: The institute has 16 separate laboratories for various science courses including **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 as well as **Soil Analysis Lab** and **Advanced Plant Tissue culture laboratory**.
- The entire campus is under CCTV surveillance. Air-Conditioned Indoor sports complex, well-equipped Gymnasium facility separately availed for Boys and Girls.
- 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.

Library as a learning resource:

- Institute has fully automated library facility with SOUL 3.0 (Integrated Library Management Software) Developed by INFLIBNET Center of UGC.
- College library is fully computerized with an easy access to 32330 reference books and textbooks, 80 periodicals and journals and 650 CD's/Videos.
- The e-library facility is available for remote access to e- resources like more than 31,35,000 e-books and 6,000+ e-journals.
- Air conditioned Library Reading Hall with 100+ seating capacity.

IT Infrastructure:

- Three types of Internet connectivity including leased line with 300 mbps bandwidth internet services.
- A separate Language Lab facility for all the four aspects of language learning i.e. Reading, Listening, Speaking and Writing to enhance communicative skill
- Software And Tools are available like PhET, oPhysics, GeoGebra, and Avogadro. Virtual Lab for Interactive Simulations, Virtual Labs (VLabs) from the Ministry of Education, GOI, including Amrita Virtual Lab for Science Virtual Labs, GNU Octave software for Maths Analysis, Open-source software, GAMESS, ORCA, Gchem Paint, OBS Studio LaTex & LibreOffice for academic writing including Thesis/dissertation Compilers C, C++, and Python for programming.

Student Support and Progression

The College implements various capacity enhancement services and policies for academic, emotional, and social development of students through their educational journey and ensures their smooth progression.

Scholarship and freeships:

- The College makes sure that students get benefited from the scholarships and freeship schemes provided by various Government and non-Government agencies through prompt and timely notifications, communications and verifications for smooth processing of the same.
- More than 70% of the students have been benefitted by the scholarships and Freeships provided by the

Government and Non-Government agencies.

Capacity Building and Skill Enhancement Programme:

- The College designed many Capacity Building and Skill Enhancement Programmes to improve students' capabilities, knowledge, and competencies for competitive examinations. In total more than **75 events were organized 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, 'Finishing School' by KCG, Government of Gujarat and Student Startup and Innovation Policy, Govt. 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.

Grievance Redressal Mechanism:

- College has **functional, well-organized regulatory committees for awareness, prevention and addressing of grievances** related to ragging, sexual harassment, academic and other need-based grievances of the students.
- The college has effective mechanism for timely redressal of the grievances.

Students' Awards and Achievements:

- College motivates active participation of students in different co-curricular and extra-curricular activities organized at the college as well as other institutes and universities.
- 54 Awards/medals have been achieved by students for outstanding performance in sports/cultural activities at university/State/ national and international level during last five years.

Alumni:

- College has a registered functional Alumni Association which actively participates in different activities to support institutional growth.
- Alumni Association has contributed Rs.11,91,000/- 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 emphasizes on value based education, self-employment of students through start-up and innovation and digital education of the youth. Governance of the College is always in accordance with the **Vision** and **Mission** of the college.

Decentralized and Participative Management

- The college has decentralized and participative management by involvement of all its stakeholders in college management.
- Well established administrative system

Institutional perspective plans

- Student enrichment, Development of Research activity, Students' Outreach activities, Institutional Social Responsibility, Infrastructure Augmentation and administrative e-governance, ample use of modern ICT based technology in Teaching-Learning processes are key perspective plans of the college.
- Faculty members are appointed by the Higher Education Department, Government of Gujarat as well as the Management Sarva Vidyalaya Kelavani Mandal, Kadi.
- The College has implemented e-governance in administration, finance, accounts, student admissions and examinations through ERP.

Faculty Empowerment Strategies:

- Effective welfare measures for Health, Economic, social, professional as well as emotional welfare of teaching and non-teaching staff including advance salaries given to the staff in need during difficult times such as the covid pandemic and during major festivals like Diwali.
- Faculties are provided financial assistance to attend seminars, conferences and workshops.
- Faculty Development programs and administrative training programs for teaching and non-teaching staff members are regularly organized.
- Annual Performance Appraisal System is implemented for performance evaluation.

Financial Management and Resource mobilization

- College mobilizes funds from Central Government, State government, affiliating university and Alumni Support.
- The total grants received by the college from all aforesaid funding agencies is more than Rs. 30,00,00,000/- (Rupees Thirty Crore only)
- The accounts are audited regularly through the two-tier system of internal – external audits.

Internal Quality Assurance System:

- Effective IQAC system is established.
- Aligns with NAAC quality parameters, the IQAC has developed a 30-point educational agenda to outline annual responsibilities for department heads, faculties and administrative staff.
- IQAC reviews teaching –learning process through departmental presentation in quarterly IQAC meeting.
- Prepares Institutional Perspective plan and deployment strategies as well as various quality assurance initiatives.

Institutional Values and Best Practices

Promotion of Gender equity

- College established Women Development Cell and Women Entrepreneurship Cell .
- The Women's Development Cell regularly organizes gender equality promotion events, emphasizing Women Empowerment like skill development programs, self-defense training programs, seminars for health and hygiene and felicitation programs.
- Gender equity is observed in all activities of the college.

Facilities for Women in the Campus

- College provides hostel facility separately for Boys and Girls.
- For safety, 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 facilities.

Green Campus Facilities and Initiatives

- Solar Panel of Capacity of 30 KV and LED lights in the campus.
- The college has installed 'Bio-gas plant' at campus Gaushala
- The college has established 'Rain Water Harvesting- Bore well recharge plant' in the campus.
- Distant parking area is allotted to keep the campus pollution free. No vehicles are allowed in the campus.
- The college conducts Comprehensive Green and Environment Audit which covers Carbon Sequestration, Safety and Energy Audit, Water and Waste Management Audit etc.
- College is recognized as **District Green Champion** in Mehsana District for the Academic Year 2020-21. College is also recognized as "**District Eco-SDG Champion 2023" with Outstanding Performance Grade 'S'** in Mehsana District, Gujarat.

Disabled-Friendliness:

- For differently-able students, the college has all basic amenities such as ramps, elevator, common room, restroom, wheelchair etc.

Institutional efforts/initiatives in providing an inclusive environment:

- The college provides inclusive environment via organization of various events including celebration of festivals of various religious, Commemorative Days, cultural events and activities, sensitization of students and employees to the constitutional obligations etc.

Best Practice:

1. Capacity Building Program- BTCBC (Biotechnology Capacity Building) Crash Workshop
2. Integrated Approach for holistic Development of students

Distinctiveness:

- Student Startup and Innovation Cell

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	02764-262634	9426766703	-	ajaysgor@gmail.com
IQAC / CIQA coordinator	Anand Vyas	02764-299209	9426767214	-	iqacpsshda@gmail.com

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 minroity institution	No

Establishment Details

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				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	18-03-2010
Is the College recognized for its performance by any other governmental agency?	No

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,	48	plus two	Gujarati	60	51
UG	BSc,Physics,	48	plus two	Gujarati	30	2
UG	BSc,Mathematics,	48	plus two	English	30	11
UG	BSc,Biotechnology,	48	plus two	English	40	17
UG	BA,Gujarati,	48	plus two	Gujarati	60	60
UG	BA,Sanskrit,	48	plus two	Gujarati	60	28
UG	BA,History,	48	plus two	Gujarati	60	60
UG	BA,English,	48	plus two	English	60	60
UG	BVoc,Agriculture,	36	plus two	English	60	60
PG	MSc,Chemistry,Organic Chemistry	24	UG	Gujarati	20	7
PG	MA,Gujarati,	24	UG	Gujarati	50	35
PG	MA,History,	24	UG	Gujarati	50	50

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				11				12			
Recruited	1	0	0	1	10	1	0	11	6	4	0	10
Yet to Recruit	0				0				2			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				9			
Recruited	0	0	0	0	0	0	0	0	7	2	0	9
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				6
Recruited	4	0	0	4
Yet to Recruit				2
Sanctioned by the Management/Society or Other Authorized Bodies				6
Recruited	6	0	0	6
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				3
Recruited	2	0	0	2
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**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	8	1	0	8	4	0	22
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	2	0	0	5	2	0	9
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	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	0	0	0	0
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**
	3	0	0	3

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	218	0	0	0	218
	Female	131	0	0	0	131
	Others	0	0	0	0	0
PG	Male	36	0	0	0	36
	Female	56	0	0	0	56
	Others	0	0	0	0	0
Certificate / Awareness	Male	182	0	0	0	182
	Female	271	0	0	0	271
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		**Year 1**	**Year 2**	**Year 3**	**Year 4**
SC	Male	42	41	32	30
	Female	33	25	22	25
	Others	0	0	0	0
ST	Male	12	10	7	7
	Female	10	7	4	3
	Others	0	0	0	0
OBC	Male	178	162	193	185
	Female	73	90	99	102
	Others	0	0	0	0
General	Male	169	152	115	112
	Female	138	110	103	83
	Others	0	0	0	0
Others	Male	1	0	1	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		656	597	576	547

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	• The college provides education in three disciplines, Arts, Science and Vocational Studies. Skill based programs and value added certificate courses provide students access to a variety of disciplines, to create opportunities for self-learning, creativity and innovation. The College follows the syllabus prepared by the affiliating university which contains multi/interdisciplinary courses for the students. The college also desires to offer flexibility and mobility options of multiple entries and exits in UG programs as per the directions/guidelines of NEP 2020 and continuity of the learning. • The science programmes includes four major courses as well as electives that students can choose based on their interests. The

	students have the liberty of choosing electives from other programmes to discover their interests during their learning journey, and this would enable them to forge their own path. B.Sc. Biotechnology program is multidisciplinary with the courses of microbiology, botany, biochemistry, genetics etc. The Indian knowledge systems, history and environmental studies thus been integrated into the syllabi as elective and foundation courses. • The college also promotes interdisciplinary activities and conducts various research and academic activities including seminars, workshops, hands-on trainings, faculty exchange-student exchange programmes, through active involvement of different departments and collaborating Institutes and Industries. • Under the aegis of NSS, NCC, Unnat Bharat Abhiyan, many activities which engage the community- like awareness of the pandemic and vaccination in rural areas, visit to an old age home, cleaning campaining, tree-plantation, etc. were carried out for the holistic development of the students. From the academic year 2023-24, NEP has been implemented at the college, as per the guideline of affiliating university and Government of Gujarat.
2. Academic bank of credits (ABC):	• The Academic Bank of Credit (ABC) facility has been introduced by the Government of India in National Education Policy (NEP 2020). Our institution has implemented Academic Bank of Credits conforms to the guidelines of the affiliated university i.e., Hemchandracharya North Gujarat University (HNGU). Being state university, our university (HNGU) is an official member of the National Academic Depository which is a government endeavor to offer an online repository for all academic awards under the Digital India Programme. • During the induction program, students are explained about the concept, purpose and structure of Academic Bank of credit. The college also explain emphasizing its role in promoting credit transfer and accumulation. • The college has created students' ABC accounts via Digi locker, as per guideline of affiliating university. It is ensured that every student has completed the process of Digi Locker registration. The university enrolls students only after submitting their ABC id.
3. Skill development:	• Since 2014, the college offers skill based vocational programs namely B. Voc (Bachelor of Vocation) and

	Community college. In 2018, UGC has approved DDU-KK (Deen Dayal Upadhyay KAUSHAL Kendra) to the college. The college offer vocational programs i.e B.Voc Agriculture and Diploma in Ceramic Technology under DDUKK. • As per the curriculum under CBCS and NEP 2020, the college follows the syllabi under the affiliating university, Hemchandracharya North Gujarat University which contain skill enhancement courses for the students in various subjects. • Under Finishing School project, college offers training to the final year students that includes training for soft skills such as Communication skills, Personality development, Interpersonal skills, Critical thinking, Stress management, Team work, Negotiation skills, Problem solving and Decision making, Resume writing, Presentation skills, Interview skills, Leadership skills, Body language, Time management etc. • College also offers programs like NSS, NCC, Saptadhara and SCOPE (Society for Creation of Opportunities through Proficiency in English) to enhance the overall skills of the students for the multidisciplinary development. • Under the center for Student Startup and Innovation (SSIP) as well as Innovation Club offered by Government of Gujarat, college organizes various seminars, webinars and workshops for inculcation of Innovation and entrepreneurial skill among students. • College offers courses like Fashion Designing, Beauty parlors, Cooking to girls' students especially hostelized girls for enhancing their basic entrepreneur skill. • College has also taken additional initiatives to organize various skill development activities in the form of capacity building programmes in collaboration with expert organizations to motivate and equip our students for their holistic development. • Additionally, college offers certificate and value added courses for undergraduate students to enhance skill among students.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	• One of the major recommendations of NEP 2020 is to have more focus on the promotion of the Indian Knowledge System. • The curriculum in various programs offered at the college has wide scope for preservation and promotion of India's cultural wealth through the integration of Indian Knowledge systems particularly through Core, Electives, Soft skills and Foundation courses Institute caters to vernacular

students by offering graduation in Gujarati medium - regional language for a better understanding of the subject by vernacular medium students. • Courses of IKS has been integrated in the curriculum of B.A and B.Sc. Semester 1 and Semester 3 programs as per NEP 2020 guidelines. • The curriculum has content that deepen knowledge of the Indian languages and culture. Special coaching through short term courses enlighten students in Indian Philosophy, Indian Epics, Vedas and Upanishadas, Indian culture and Heritage. • Tribal culture related to plants is included into the Botany courses including ethnobotanical, traditional and medicinal uses of plants. • Institute runs 'Sarva Yog Sadhana Kendra' that integrated Yoga courses and every day practice of yoga on Stress Management that integrates elements of the Indian tradition like Yoga, meditation and music. • English department offer courses on "Indian Literature in English" which reflects Indian authors representing Indian elements in English language. • Department of Agriculture offer courses related to traditional farming practices including Organic farming. • Institute organizes students' visit to 'World Heritage Cities' like Patan and Ahmedabad. College also celebrates Guru Purnima, Sanskrit Day, 'Geeta Jayanti', 'Ashadhasya Pratham Divase' , 'Rakshabandhan' , ' Felicitation of Women Achievers in Women's Day',' ,'Classical Dance' Sanskrti Sambhasan' that integrate culture among students. • The Institute always promotes Indian language, tradition and culture through webinars/seminars/several day celebrations.

| 5. Focus on Outcome based education (OBE): | • Outcome Based Education is a teaching approach that focuses on the outcomes or goals of the learning process rather than the content or methods used to achieve goals. • The college offers programs and courses with Learning outcome based curricula with definite PO, PSO and CO. • For every course provided at the college, the programme purpose and outcome are clearly stated, ensuring that students know what to expect from the course when it is through. • For Outcome based education, the college practices the student centric teaching learning activities adopted to attain the intended learning outcomes and engage students in these learning activities through the teaching process. • Faculties use modules of experiential learning, participatory |

	learning and problem solving methodologies to a large extent so that students take responsibility for their own learning and develop their skills and learning attitudes. • Experiential modules like field visits, internships and laboratory sessions enable a student to enhance knowledge through practices. Group discussions, innovative assignments based on surveying or sample collections, poster making on thought provoking subjects are participatory modules that arouse inquisitiveness and intensify clarification of concepts. • Through career guidance seminar, college aware students for career options and higher education opportunities, resulting in precise planning by a student to select the path after the course. • By hosting Seminars, Conferences, Workshops, Certificate Courses, and other events, the institution offers several opportunities beyond the curriculum to widen students' horizons of learning. The institution has the necessary physical facilities and skilled employees to deliver results-focused education.
6. Distance education/online education:	• Online education is a very important part of NEP 2020 for the promotion of inclusive learning and flexibility. Being an affiliated college, we have to follow the regulations of the affiliating university and the college has no provision to run any distance education/online education at any level. • For college internal purposes and as per the need of time, we have the facilities to impart online education to our students since COVID-19. • During the COVID times, the college worked on various platforms like Microsoft Teams (Provided by Government of Gujarat), Zoom (Purchased by our Institute), Google meet (Open Source) for online classes which is running successfully till date. • The College have organized various training programs for teachers to conduct online teaching on various platforms like Zoom, Video conferencing, Google meet, Google classrooms, Webex and Microsoft Teams Software. Faculties were also trained to record and edit videos on Open Source software, OBS Studio. Thus, teachers upskilled themselves and adapted efficiently to online communication platforms • The training imparted to teachers for online teaching in the post-pandemic period open up the possibility of offering various courses through open and distance learning mode. • A repository of digital content has been created via LMS through e-library facility of the

	college where digital content, including recorded lectures by faculties is made available for students digital and distance learning. • To access the content, tablets are distributed to all the students by Government Scheme. • In addition, college campus is converted into wifi campuses with high-speed internet access for all students. • Students are encouraged to pursue courses offered by SWAYAM and MOOCs.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Electoral Literacy Club (ELC) has been setup by the College and is functional with the college NSS Unit. The Club comprises 100 student members currently. The Club takes initiatives in sensitizing the students about voter rights.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes, the ELC consists of both students' coordinators and coordinating faculty members appointed by the College and the ELC is very well functional. Every Year, College appoint Student Campus Ambassador for Electoral Literacy initiatives and he conduct various electoral literacy initiatives as per guidance of Taluka Executive Magistrate. The ELC takes the initiatives in enrolling the name of college students who are eligible for Electoral Voter Card registration along with the local administration.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The College organizes various voter awareness initiatives as per guidance of Taluka Executive Magistrate and promotes electoral participation with the help of NCC, NSS and Cell/Subject Societies of College. National Voters Day is celebrated every year on 25th January. Various initiatives like awareness drama, camp of campus, flash mob, walkathon, facebook live for Electoral literacy awareness, signature campaign and pledge of students as well as voter awareness events have been organized by the college ELC. College take up various responsibilities assigned by the District Election Administration. Our teaching staff members serve as Polling Officers, Supervisors/Observers, Sector Officers during the Lok Sabha and State Legislative Elections
4. Any socially relevant projects/initiatives taken by	The College organizes various programmes under

College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Systematic Voters' Education and Electoral Participation such as an awareness campaign, awareness drama, camp of campus, flash mob, and walkathon, Facebook live for Electoral literacy awareness, signature campaign and pledge of students as well as voter awareness events.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The College ELC takes initiative in reviewing and ensuring that all its eligible students get registered as voters. The importance of voting is regularly emphasized among the students through various voter awareness programmes. It is ensured that the students above 18 years of age are given a new voter form to register as valuable voters.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
1244	1373	1450	1540	1577

File Description	Document
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 43

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
32	31	27	30	30

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2023-24	2022-23	2021-22	2020-21	2019-20
118.24	70.98	71.21	128.34	132.88

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

University sets the Stage:

Affiliated to Hemchandracharya North Gujarat University (HNGU), our faculties get an opportunity to play a key role in curriculum planning by participating in various committees, such as the Board of Studies, Academic Council, and Faculty Council. Alongside, HNGU releases its academic calendar.

College takes the Baton:

Aligned with the university's academic calendar, the college IQAC initiates a comprehensive planning process. A 30-point educational agenda, developed by the College based on NAAC quality parameters, is shared among departments. Collaborating with key stakeholders, a detailed college activity calendar is crafted, encompassing curricular, co-curricular, and extra-curricular activities. Subsequently, a master timetable is created and distributed to departments for course-specific scheduling. Faculty workloads are assigned, and the final calendar is made accessible to students online and on campus, providing clarity on academic and co-curricular events and evaluation deadlines.

Departments Take Action:

Teachers meticulously prepare detailed lesson plans for their assigned workload and systematically document these plans in their academic diaries for organized reference and implementation. Teachers implement their teaching plans by delivering lessons through the blending of conventional as well as ICT tools such as interactive white boards, educational software, presentations, videos, charts and online platforms to enhance teaching, learning, and assessment processes. To ease the transition from school to college, the college offers a **Bridge Course** at the semester's start. This program equips new students with the necessary skills and knowledge for college-level success. Recognizing individual learning paces, the college provides support for students who require additional time to adapt. A **Remedial Coaching program** is offered to help these students overcome learning challenges and improve their academic performance. This program offers extra guidance and instruction tailored to the specific needs of the specific group, creating a supportive environment for their academic growth.

Continuous Internal Assessment:

In alignment with the National Education Policy (NEP), the evaluation process is bifurcated into Continuous & Comprehensive Evaluation (CCE) and Semester End Evaluation (SEE), each carrying a

50% weightage. **Examination Committee in consultation with the** Heads of Departments design and implement Continuous and Comprehensive Evaluation process. CCE encompasses a holistic assessment of students through seminars, assignments, group discussions, projects, internships, industrial training, attendance, and written tests as well as Quizzes (best two of three are considered). To ensure the practical competence of students enrolled in vocational programs, industry professionals are involved in assessing students' skill cards prior to their final examinations. Student internal marks are publicly displayed for verification before transmission to the university to uphold transparency and accuracy.

File Description	Document
Upload Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 49

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 46.24

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online

courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
520	732	399	720	951

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

Academic Curriculum:

The crosscutting issues of Environment and sustainability, Gender issues, Human values, Professional Ethics are addressed through the following courses of the main curricula of programs offered in the institute.

Program	Course Code	Course Name	Area	
BSc : II	EG	Environmental Studies	Environment & Sustainability	
BSc II	CCBOT122	Plants& Human Welfare		
	SEC206	Natural Resource Management		
	MDC 103	Plant in Everyday life		
BSc I	SEC 106	Horticulture		
BSc II	MDC203	Fruits & Vegetable Processing		
	CC 212	Plant Physiology &		

BSc III		Ecology		
	MDC 303	Medicinal Botany		
B.A. I -History	CC101	Ancient History of India		
	MDC	Cultural Heritage of Gujarat		
	Major101	Idea of Bharat		
	Major101A	History of World Civilization		
B.A.III History	Major 301	History of India		
	SEC	Arts of India	Human Values	
BA V History	CC506	History of India (1885 – 1947)		
BA VI History	CC606	Social and Religious Reform Movements in Modern India		
	CC607	Indian Constitution		
M.A. I History	CC102	World History (Ancient Civilizations)		
	CC104	History of India (320 B.C. – 12-6 B.C.)		
MA III History	CC305	Social and Religious Movement in India		
M.A. I Gujarati	CC101	Study of Classics		
	CC103	Literature & Modernism		
M.A. III Gujarati	CC302	Western Literary Criticism		
	VAC	Bhagavad Gita (Adhyaya – 3,10)		
	SEC	Introduction to Yoga		
B.A II Sanskrit	Major201B	Bhagavad Gita		
B.A IV Sanskrit	406	Agriculture Science in Atharva Veda		

B.A VI English	CC606	Women's Writing		
	CC609	Literary Theory		
BA I	CE101	Introduction to Psychology	Gender Issues & Human Values	
	CE102	Introduction to Social Psychology		
	EO	Environmental Psychology		
	Minor102	Basic Psychological Process		
BA II	MDC	Psychology in Education		
	CC303	Adjustment Psychology		
	CC304	Health Psychology		
BA III	IKS	Indian Psychology		

The main objective of the institution is to develop students into good human beings and responsible citizens which requires 3600 growths in almost all dimensions viz. social, moral, emotional, spiritual, mental, physical, environmental, entrepreneurial and of course the intelligence by imparting domain knowledge. The College organizes various events that help in achieving the desired goals.

Saptdhara Activities:

To sensitize students towards the crosscutting issues, theme based competitions like Essay Writing, Debate, Elocution, Rangoli, Cartoon, Patriotic Song, Collage, poetry writing etc. are conducted to voice Gender equity, Environment and Sustainability, Human Values.

FINISHING SCHOOL (Professional Ethics):

Under this project , 80 hours training is imparted to the final year students to develop Professional ethics through specific sessions on Personality Development, Team-work, Leadership, Time & Stress management, Accountability, Honesty, Integrity, Goal Setting and Problem Solving.

Extension Activities (Human Values):

The College also believes in inculcating humanitarian values in students. In this context, activities like Voters' Awareness, National Festivals Celebration, Yoga Day, National Leaders' Birth Anniversaries, Natural Calamity Relief Campaign, Blood Donation and Medical Camps, Anti-addiction theme-based rallies are organized.

During the Pandemic crisis, students gave their services as Corona warriors at police stations and hospitals. They also supplied food, medicines and other requirements to people badly affected the lockdown.

Certificate courses:

The college offers various Certificate and value added Courses that help the students in their grooming and inculcating moral ethical and Indian cultural values.

File Description	Document
Upload Additional information	[View Document](#)

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 41.16

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 512

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 95.97

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2023-24	2022-23	2021-22	2020-21	2019-20
547	576	597	656	695

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
610	610	660	660	660

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 100

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2023-24	2022-23	2021-22	2020-21	2019-20
317	317	343	343	343

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

2023-24	2022-23	2021-22	2020-21	2019-20
317	317	343	343	343

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 38.88

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The college prioritizes a strong learning experience for its students. For this, several experiential, participatory learning techniques and problem-solving methodologies are blended astutely.

Industrial Trainings and Internship:

The institute, with 25 industrial MoUs, provides hands-on training that equips students with practical skills and industry knowledge. Students also undergo National level Summer Internship sponsored by GSBTM, DST, Govt. of Gujarat. The aim is to impart skill development, experiential learning and problem-solving skill.

SSIP:

To enhance participative and problem-solving learning, under SSIP, we organize Science Fair (Hackathon), every year with around 200 innovative models. The college SSIP Cell selects the real world application solving models for Proof of Concept (PoCs). The selective PoCs are given financial support around 2.5 lakhs. During last five years, 32 PoCs have been funded under SSIP and 5 patent applications are submitted. Examples include innovative biozymes and Band-Aids infused with traditional Indian medicine to accelerate wound healing.

Field Projects,Seminars, experiential learning:

Alongside, **Field projects** are given importance by all the departments to imbibe experiential learning among students by making them actively applying theoretical knowledge to real-world situations. This practical work experience enhances in them problem-solving skill, encourages teamwork, increases engagement and develops professional skills.

Beside this, **Seminars** are made innate part of students' learning by all the departments. **It** is an educational move that emphasizes active engagement, collaboration, and critical thinking among students. Seminar as a participative learning tactic transforms students from passive receiver of information into actively constructing their own knowledge.

In Science, **continuous laboratory experiment** exercises lead the student towards experiential learning by providing hands-on experience that develops a deeper understanding, enhances problem-solving skills and demonstrates real world application using scientific methods.

ICT in Teaching :

To create a dynamic learning environment, the college possesses 22 classrooms equipped with **ICT capabilities**, 6 classrooms with interactive smart boards for efficient learning and 2 information kiosks. Language Lab provides an operational experience of all the four aspects of language learning i.e. Reading, Listening, Speaking and Writing to enhance communicative skill in English among students. Faculties leverage multimedia tools like presentations, audio-visual clips, animations and interactive quizzes to engage students.

The college has organized **training programs for teachers** to conduct online teaching on various platforms like Microsoft Teams (provided by Govt. of Guj.), Zoom (purchased by the institute), Google Meet etc to streamline online teaching, distribution and assessment of assignments, quizzes and study

material. Teachers were also trained to record and edit their lectures using Open Source Software OBS Studio as a permanent online learning resource.

To enhance understanding, faculties utilize a variety of **ICT tools**, including PPTs for Conceptualization, PhET, oPhysics, GeoGebra, and Avogadro. Virtual Lab for Interactive Simulations, Virtual Labs (VLabs) from the Ministry of Education, GOI, including Amrita Virtual Lab for Science Virtual Labs, Python, GNU Octave software for Maths Analysis, Open-source software, GAMESS, ORCA, Gchem Paint OBS Studio LaTex & LibreOffice for academic writing including Thesis/dissertation, Compilers C, C++, and Python for programming.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 88.76

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
33	33	33	35	35

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 80

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2023-24	2022-23	2021-22	2020-21	2019-20
25	25	22	24	24

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The college emphasizes on transparency and fairness in its internal assessment system through a collaborative effort between faculty and students.

Examination System:

- **Clear Communication:** During orientation, students and parents receive a detailed explanation of the exam, re-test schedules and evaluation process. Alongside, the same details are shared with students well in advance through academic calendar on college website, notice boards, and in-class announcements.
- **Structured Approach:** The Examination Committee acquaints the students with a basic framework for theory and practical internal assessments, including guidelines under NEP i.e. 50% weightage is given to Continuous & Comprehensive Evaluation (CCE) like seminars, assignments, Group Discussion, projects, internships, industrial training attendance and we take three written tests (02 best out of 03) and Quizzes (02 best out of 03). While 50% weightage is for Semester End Evaluation (SEE).

- **Advanced Notice:** Faculty members provide at least a week's notice of test dates and assignment deadlines through various channels.
- **Clear Expectations:** Students are informed about the marking scheme for assignments and answer sheets under Mentorship program. After reviewing their marks, students are asked to sign the internal assessment lists to acknowledge their understanding.
- **Secure Submission:** Once the internal assessment process is complete, the marks are forwarded to the university, maintaining the system's security and integrity.
- **Accuracy in Submission:** Class-level Internal Evaluation Preparation Committees (IEPC) are also formed at college level to prepare final University Cumulative Internal-sheet. The IEPC meticulously prepares the final internal assessment sheet for the university. Before submission, every student verifies their marks, attendance, and assignment records, allowing for prompt corrections of any errors.

Grievance Redressal Mechanism for examination:

The college ensures a time-bound, transparent and proficient system to deal with exam related grievances**.**

- **Grievance Redressal:** A dedicated Examination Committee (EC) composed of senior faculty members oversees addressing student grievances related to internal examination and evaluation.
- **Transparent Re-evaluation:** Students unsure about their grades can submit a written complaint. The EC first reviews and rechecks the answer sheet with grand total or unchecked answer etc. and if an error is found, correct the same at their level. Thereafter, if a student finds discrepancies about the evaluation, then, reassessment process is adopted where a different faculty member reviews the answer sheet objectively and the final grade reflects the second assessor's marks.
- Whenever a grievance regarding wrong/non- declaration of their individual result in University Exams i.e. showing absent in the examination, non-receipt of degree certificate, misprinting in the name etc, the college forwards the student's grievance application to the Controller of Examination, hence, the grievances are dealt in a time bound manner.

File Description	Document
Upload Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The college website very clearly displays the Programme Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes (CO) for all Programmes offered by the institution. Before the commencement of the academic year, all the HoDs have their department meetings to discuss the

syllabus and the course outcomes with the faculties. The glimpses of PO, PSO, CO are communicated to the fresher's in the Orientation Program. The PO, PSO and CO are well communicated and discussed in detail with the students through the Mentor Meetings and Departmental club meetings by the respective faculties.

In Vocational Programs, the college has the liberty to solely design and form the syllabus in consultation with the Industry Experts. Thus, PO-PSO-CO are designed to describe the skills that the students acquire along with the subjective learning for academic career, employability as well as entrepreneurship cultivation. Along with the classroom teaching, special emphasis is given to Industrial Visits, Training, project-based learning, subject based certificate courses, Internships and SSIP. Rest of the programs' PO–PSO-CO are defined by respective BoS of the affiliating university.

Intelligibility and alignment between its Programme Outcomes and student learning Course Outcomes

The college gives importance to intelligibility and alignment between its Programme Outcomes and student learning Course Outcomes.

- **Apparent Announcement:** All Programme Outcomes (PO), Programme Specific Outcomes (PSO) and Course Outcomes (CO) are prominently displayed on the college website for easy access.
- **Faculty Alignment:** Heads of Departments (HoDs) collaborate with faculty members to ensure course content aligns with program objectives before each academic year.
- **Student Awareness:** New students are introduced to POs, PSOs, and COs during orientation. Faculty members further discuss these learning outcomes in detail during mentor meetings and departmental club meetings.
- **Program Design:** Program outcomes are carefully designed by the university BoS to cultivate career-oriented skills in undergraduate and postgraduate students, reflecting the core and prime objective of the institution 'to cultivate career orientation in students'.
- **Industry-Specific Focus:** Vocational programs have the flexibility to design syllabi in collaboration with industry experts, ensuring program outcomes directly address industry needs.
- **Developing Well-Rounded Graduates:** PSOs are designed by respective BoS to encompass both academic knowledge and practical skills needed for successful careers, including employability and entrepreneurship. To achieve these goals, the college prioritizes various initiatives like industrial visits, training programs, project-based learning, certificate courses, internships, and the Student Startup Incubation Program (SSIP).

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The institute has meticulously planned the teaching, learning and assessment strategies for accomplishing specified learning outcomes i.e. PO, PSO and CO. The effective and proper implementation of the curriculum, provision of optimum learning environment and well designed evaluation system ensure the achievement of the specified learning outcomes. The data on student learning outcomes is collected through multiple channels viz,

Channel 1: CCE – Continuous and Comprehensive Evaluation

- Best 2 out of 3 Internal Written Tests
- Best 2 out of 3 Quizzes
- Effective Finishing Skill evaluation through Assignments, Seminars, Fieldworks, Projects and Internships
- Presentation Skill analysis through Oral - Poster Presentations, Group Discussions
- Evaluation through Skill card
- Class Attendance

Students undergo a comprehensive assessment process including three written and three objective internal exams. To provide a holistic evaluation, we employ a variety of continuous assessment methods such as presentations, assignments, projects, seminars, fieldwork, internships, skill development exercises, and class participation. This multifaceted approach ensures a fair and equitable assessment system that accurately reflects students' abilities and knowledge to attain the learning outcome.

Channel 2: SEE – Semester End Evaluation

- External Theory, Practical and Viva Voce Exams by University

The senior faculty members of the college, as members of University BoS, put their best collective efforts not only to form the curriculum but also to shape the evaluation pattern in such a way that can help to evaluate the designed learning outcome efficiently.

Channel 3: Feedback

- Students ,Parents, Alumni, Teachers and Employer

Feedback is an effective tool to ensure continuous improvement in ultimate learning outcome. The college actively seeks feedback on course curriculum, objectives, and assessment methodologies from students, Alumni, Parents, teachers as well as Employers. As an affiliated institute, the college can neither change the curriculum nor the evaluation method. Thus, based on the aforesaid feedback analysis, the college designs subject wise Certificate Courses to reduce the gap between the existent curriculum and the stakeholders' desired learning outcomes.

File Description	Document
Provide Link for Additional information	[View Document](#)

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 93.1

2.6.3.1 **Number of final year students who passed the university examination year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
400	387	487	459	399

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
418	411	516	483	462

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 73.4

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2023-24	2022-23	2021-22	2020-21	2019-20
9.996	16.246	0.25	11.50	35.409

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

To nurture innovation ecosystem, the college has established an Innovation club, Incubation facility under Student Startup and Innovation Policy, IPR cell as well as Entrepreneurship Development Cell.

Incubation Centre:

The institute has incubation center for SSIP (Student Start-up and Innovation Policy) by Government of Gujarat. The center organizes events to sensitize students towards start-up and Innovation, provide complete innovation support from ideation and initiation, incubation, funding and investments as well as scaling. The institute incubation center has such an academic atmosphere which is inspiring, inventive, and reformist to all the stakeholders. Necessary support as well as mentoring at each stage i.e, ideation to innovation and even commercialization is provided for development of proof of concept (PoC) to filing the patent.

The college organize various outreach programs to sensitize students for startup and Innovation. Every year, Science Exhibition is organized by the college in which live scientific models are presented and exhibited by the students. For selected models, students are further guided for Start-up and innovations by experts and faculty members.

To nurture faculties for innovation ecosystem, they are encouraged and provided financial supports to participate in events related to startup and innovation. 7 faculties have completed certificate course on 'NURTURING INNOVATION AND STARTUP ECOSYSTEM (NISE)" conducted by Government of Gujarat, Startup and Innovation Hub (i-Hub).

Start-up support:

The SSIP Cell of the college has incubated and supported 49 PoC (Proof of Concent) under SSIP 1.0 and 2.0. Three Start-ups have been supported through interventions.

Entrepreneurship Cell:

The college have Entrepreneurship Development Cell that provide Entrepreneurship support to students. At the beginning of academic year, Orientation program for Entrepreneurship opportunities is organized that sensitize students in this area. Expert lectures, seminar and webinars are organized in the area of Innovation and Entrepreneurship by the college.

Capacity Building on IPR:

The institute has established IPR cell. The cell provides support for IPR to faculties as well as students, based on the progression of PoC supported by SSIP cell. Total, 5 patents have been published from the faculties of the institute and more 5 patents have been filled by students through Institute SSIP Incubation Centre. One trade mark has been registered and 3 startups has been registered in MSME.

For Capacity building on IPR, the cell has organized various webinars, seminars and training sessions on IPR. The college organized IPR Awareness program sponsored by patent office mumbai, government of india under NIPAM on August 26, 2022 More than 600 students and 45 faculties participated in said event.

Technology transfer:

Faculties of the institute has completed 2 major research projects for technology transfer in the area of Environmental Microbiology.

Ecosystem for Indian Knowledge system(IKS):

IKS is a part of curriculum for the students of the institute. The institute also organizes various seminars/ training programs, certificate courses like' Spoken Sanskrit Workshop", seminar on astronomy, History and culture that boost Indian Knowledge system among the students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 48

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
17	9	5	14	3

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 1.6

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
11	6	26	16	10

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3.2

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

Response: 3.21

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
85	12	22	5	14

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The college cultivates strong community engagement through robust extension and outreach programs. Dedicated initiatives, including NSS, NCC, Unnat Bharat Abhiyan, Swachhata Action Plan, Departmental clubs, and Women's Development and Entrepreneurship Cells, facilitate meaningful interactions between students and the local community.

Impact:

- **Health Awareness Drives:** To contribute to the larger national health issues and to justify the saying 'Sound Mind in a Sound Body', various health challenges are addressed through campaigns, rallies and camps in neighborhood communities for example awareness towards Cancer, Tobacco, other Addictions, Vaccination drive, Thalassemia Free Testing, Ayurvedic Medical camp, Women's Health Awareness, Application of First Aid Kit, Importance of Millets etc. to create a healthy society.

- **Save Nature Drives** : The world is facing lots of environment challenges like Pollution, Green House effect, drastic reduction of Green Belt, Waste Management, Excessive use of Pesticides and Plastic as a warning bell to fertile land. Many responsiveness movements are carried out by the College NSS, NCC, Biotechnology and Botany Departments and Units e.g. Cleanliness Drive, Tree Plantation and Distribution, World Environment Day Quiz, Awareness on Organic Farming, Medicinal Garden, Picket Process for Prohibition of Plastic Bags, Save Birds & Animals during Kite Flying Festival, Safety, Disaster, Risk and Crowd Management. These would lead people to form an environment-friendly nation to let the future generation breathe in a vigorous life.

- **Humanitarian Spirit:** Technological explosion has made the present day society overstressed, anxious and isolated. In emergency, it results into chaos and helplessness. It was reflected worldwide during the pandemic. In such situation, what the humanity required the most were empathy, compassion and commitment to serve the needy ones. The College NSS Volunteers and NCC Cadets stepped forward and served the deprived in the form of distributing 10 kg Grocery Kit and medicine to the poor during the lockdown, NSS Volunteers served in the Covid Ward of Public Hospital of Kadi due scarcity of nursing staff in pandemic, NCC officer Lieutenant Dr. Parimal Chatrabhuji was assigned monitoring task at Naroda Police Station with 21 NCC Cadets and 20 NSS Volunteers to as Frontline Warriors Against COVID-19 Pandemic to maintain social distancing, enforced use of mask and to maintain hygiene through sanitization.
- **Social Service Drive:** To raise sensibility among students towards society is the core aim of education. This is achieved through organizing various activities like Blood Donation Camp, Food Distribution, Donation Day Celebration (of everyday useful things to the needy), Awareness on Old-age People Abuse, World Senior Citizen Day Celebration at Oldage Home etc.
- **Nationalist Drive:** To raise nationalistic awareness among people, NCC Cadets celebrated with the surrounding community Independence Day & Republic Day through Tiranga Rally, Selfie with Tiranga, Flag Day celebration
- **Civic Engagement:** Free Coaching in Slum Areas, awareness through Cultural Program in nearby Villages and Artifacts from Cow Dung: Groundwork etc connect the students with all strata of society and raise awareness towards entrepreneurial skill in neighborhood community.
- **Character Building:** These acts of social welfare foster resilience, leadership, and a strong moral compass among the students.

File Description	Document
Upload Additional information	[View Document](#)

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Awards and recognitions received for extension activities from government / government recognized bodies.

The institution has proactively driven a broad spectrum of extension programs, exemplifying a resolute dedication to community uplift. The college, through its robust NSS, NCC, Unnat Bharat Abhiyan, Swachhata Action Plan, and Women's Development and Entrepreneurship programs, has yielded substantial awards and recognitions from government and government recognized bodies.

Awards:

1.District Green Champion Award 2020-2021 by MGNCRE, Ministry of Education Government of India: The Mahatma Gandhi National Council of Rural Education (MGNCRE), under India's Ministry of Human Resource Development, mandated to catalyze rural India's resilience through accrediting higher education institutions fostering sustainable, climate-resilient rural livelihoods. They conferred the college District Green Champion Award for our environmental initiatives.

2. District Eco-SDG Champion Award 2023 by APEX SDG: APEX SDG is a global, non-profit membership organization driving the adoption and advancement of Sustainable Development Goals (SDGs) through standardization and recognition frameworks for academia worldwide. They awarded us Champion Award with outstanding grade 'S' (above 95% score) for our Environmental Sustainability Drive.

3. First Rank in Swachhata Ranking Organized by Kadi Nagarpalika "Swachhata Sarvekshan-2020": Swachh Survekshan, an annual drive of Ministry of Housing and Urban Affairs, benchmarking Indian cities on cleanliness and Swachh Bharat Mission implementation to galvanize inter-institutional competition to elevate urban living standards. Under this initiative, Kadi Municipality awarded us First Rank in Kadi City for our exemplary cleanliness initiatives.

4. Gratitude Award from District Collector, Mehsana and Gandhinagar for Excellent Work during Covid-19 Pandemic: The campus swiftly transformed into a crisis management hub during the pandemic. A 2,000-bed isolation ward, a robust food supply chain distributing 1,000 weekly family grocery kits, and a transportation network facilitating mass exodus were established. Continuous food services for 5,000 people daily and a standby medical team ensured comprehensive support. The State Government Authorities acknowledged these exceptional extension services to community.

Recognitions:

1.Funding 5,20,000/- Rs to the District Education Officer: Mehsana District Education Officer appreciated our financial contribution of 5,20,000 Rs to the District-level Government Startup and Innovation Mission as an instrumental support fostering a robust entrepreneurial ecosystem and cultivating a culture of innovation among the youth.

2. The government officials including the **Manager GSRTC Bus Depot and City Police Station Inspector, Kadi** commended the College NCC Cadets for flag hoisting ceremonies and cleanliness drives at their premises during Independence and Republic Day celebrations.

3. **The Village Heads, Principals of Govt. schools of nearby community and Manager of Cera Ceramic Pvt. Ltd.** identified the College NSS volunteers' community outreach programs; encompassing cleanliness drives, literacy initiatives, Tree plantation and Distribution, and self-defense training. These social impact initiatives garnered widespread acclaim from them all.

4. **The Chief Office of the Kadi Nagarpalika** acclaimed the Vocational students' commendable exertion in repairing street LED lights within the Kadi municipality area.

5. **Ministry of Education and MHRD, Govt. of India** appreciated the college Faculty's participation in Viksit Bharat@2047 "Learn from Leaders –series" by awarding 2nd rank in his attempt towards community advancement.

File Description	Document
Upload Additional information	[View Document](#)

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 56

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
18	15	9	9	5

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 33

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

Teaching and learning processes is a key component for quality education and to facilitate that the college provides conducive atmosphere for learning via provision of adequate infrastructure and facilities with state-of-the-art classrooms, laboratories, seminar halls, computer laboratories, workshops etc which are digitally enabled.

Academic Building and Classrooms:

The academic building of the college has two blocks both the blocks are connected with internal bridge. There are total 22 ICT enabled classrooms connected with LAN and Wi-fi Facility. Out of 22, 10 classrooms are Air-conditioned and 6 are Smart classrooms. The college has also set up 4 seminar halls which have been fully equipped with hi-tech technologies and facilities, to cater to large student audiences.

Laboratories:

The institute has 16 separate laboratories for various science courses.

Sr.No	Number of laboratories	Branch/Subject
1	5	Chemistry
2	3	Physics
3	2	Biology
4	2	Biotechnology
5	1	Computer labs for Mathematics
6	1	Language Laboratory
7	1	Central Research Laboratory equipped with highly sophisticated equipments like GC, High-Performance liquid

		chromatography (HPLC), Ultra-pressure liquid chromatography (UPLC), FT-IR, PCR machine, Cooling Centrifuge etc.
8	1	Advanced Plant Tissue Culture Laboratory equipped with Horizontal Autoclave, 2 Laminar Air-flow, Inverted Microscope, Phasecontrast Microscope Incubator and automated Incubation Racks

Computing Equipments:

The institute has advance computing laboratory for mathematics with MatLab, Mathematics, Python, Sc-Lab, Turbo-c, Geogebra, ConTEXT, LATEX softwares. All the Head of Department, IQAC coordinator, Head-clerk are facilitated with laptop facility.

Facilities for Cultural and sports activities:

Beyond providing education, the college also believes in providing the students with an engaging learning experience which seeks to ensure a holistic growth for the students. For the physical and mental wellness of its staff members and students, the college has established facilities such as Indoor sports complex, sports grounds, yoga centre, Gymnasium and health care center and auditorium for cultural activities. The institute has centralized air conditioned multipurpose indoor sports complex which is accessible from 5:30 am to 8:00 pm.

Indoor Sports: Badminton, Pro-kabaddi, Ball Badminton, Basket Ball, Chess, Carom, Rifle Shooting, Pool table, Karate

Outdoor Sports: Football, Table Tennis, Kabaddi, Tennis, Baseball, Kho-kho, Hockey, Disc Throw, shot put, Javelin Throw, Soft ball, Volleyball, Archery.

Gymnasium facility separately for Boys and Girls. Both Gymnasiums are equipped with dumbbells-set, multiple exercise equipments, Elliptical Cycle etc.

Yoga Centre: Separate hall is provided for regular Yoga training. The institute run 'Sarva Yog Sadhana Kendra' that facilitate yoga and meditation practice every day at 5:00 am.

The cultural room equipped with multiple sound system with various musical instruments like traditional drum, timbrel, Harmonium, Tabla, Flutes, Lazim, electric organ etc. is available for practice and performance of cultural activities.

LMS:

College ERP provide LMS system for effective learning among students where students can access online lectures, submit their assignments, quizzes etc. All 22 classrooms are ICT enabled including 6 smart classrooms.

File Description	Document
Provide Link for Additional information	[View Document](#)

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 28.91

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2023-24	2022-23	2021-22	2020-21	2019-20
16.915	1.02	22.35	44.405	66.137

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS),

adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

Digital Library with SOUL 3.0 ILMS system:

- Institute has fully automated library facility with SOUL 3.0(Integrated Library Management Software) Developed by INFLIBNET Center of UGC.
- The college library is automated having facility for remote access to e- resources.
- The system utilizes a bar code scanner which records and automates all library transactions. The system caters for all modules like Acquisition, Cataloguing, Circulation, Book Issue, Book return, Book reservation facility, book-status- issued / available/lost/damaged. etc.
- For users who desire to acquire library resources from different locations, the platform allows the users to join through the WEB OPAC and issue learning resources.
- The platform classifies and records all the resources and allows the users to search the library holdings by Author, Title, Subject, Keyword, Publisher, Accession number, Class number, ISBN/ISSN number, etc.
- As a way of keeping the students & faculties updated regarding all the updated resources, the library generates emails periodically.
- The system allows for effective management of resources through cataloguing of virtual materials in the form of e-journals, e-books, etc.
- Thus, library utilizes a comprehensive Integrated Library Management System (ILMS) with its various modules.

D'Space (For Institutional Digital Repository):

- The Library has its own Institutional Digital Repository using D'Space Open Source Software that consists of Previous Years 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 theform of Courseware and Learning Resources.

Description	Remark
ILMS Software	SOUL 3.0
Nature of Automation	Fully Automated
Digital Library Software	D'Space 4.1
Online Library Services	Library's own website
Power Backup facility	UPS
Library Server	IBM Server
Internet surfing Nods	12 PCs for Students and Faculty
Electronic Visiting Register	Self-Developed Software
Library OPAC for users	2 KIOSK for Library Searching
Reprographic Service	2 Printers , Xerox and scanner
Year of Automation	2010
Reading Room	AC reading room facility with 100 reading carrels

Latest updated Library Data:

1.Total No. of Books   :   32330

2.Total No. of CDs & DVDs   :   650

3. Total No. of Magazines & Journals   :   80

    4. Back Volumes   :   1260

5.Online E-Resources (N-List INFLIBNET)

1.   e-Books   : 31,35,809

2.   e-Journals   :   6,237 Titles

6. **Use of Library Web Application**

Online Logins	**30071**	
Library Website Views	**95162**	
Downloads (Exam Papers etc…)	**30260**	
Online Search performed	**5472**	
Online Book Renewal	**9901**	

Subscription for e-resources:

The college library has subscription for the e-resources like e-journals, e-ShodhSindhu, Shodhganga membership, e-books and Databases for every academic year.

During last 5 years, the college made expense of Rs. 17,77,776./- for updating and enriching library facility.

To check the details kindly click on the following link and login with following mentioned used ID and Password.

http://14.139.122.106/library/Home.aspx

 Login ID: guest

Password: guest12

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

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

FIBRE OPTIC 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 300 mbps bandwidth internet services to all the departments, computer lab, Language lab and all the classrooms.
  - Under MHRD project NMEICT, Govt. of Gujarat has provided 10 mbps speed internet connection for conducting online 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 six smart classrooms while the rest are equipped with LCD projector, Computer, Internet connectivity and speakers.
- The ICT facilities are protected by dedicated UPS system and a generator for uninterrupted work.
- The Virtual Classroom is equipped with 3600 PTZ Camera for Two Way Communication.
- 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 electronic podium.
- 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 Smart LCD Televisions which are connected with more than 125 cameras to maintain college security and discipline.

SOFTWARE AND TOOLS

- Students and faculty have access to resources of INFLIBNET
- Library utilizes SOUL 3.0 Integrated Library management system and SOUL WEBOPAC and D'Space Open Source Software for Digital Repository.
- 2 Kiosks for easy access of library resources.
- 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
- Bio-access for Staff attendance
- Tally Prime is purchased for effective accounting.
- Open-source OS like Ubuntu (Linux) & software for documentation work like writing of Research Articles, thesis, project report & dissertation - LibreOffice, MikTex, TexMaker.Python , GNU Octave, C, C++ (Turbo), Geogebra – Programming, simulation & Mathematical calculations, GChemPaint, Avogadro – For Molecular structure drawing and viewing, ORCA and GAMESS – For Quantum Chemistry calculations, OBS Studio -For Lecture recording & Paid software - MS Teams are installed for effective Teaching-Learning.

File Description	Document
Upload Additional information	[View Document](#)

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 4.25

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 293

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 51.07

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

2023-24	2022-23	2021-22	2020-21	2019-20
87.733	55.097	31.668	65.35	26.549

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 71.56

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
737	850	903	1074	1577

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

  1. *Soft skills*
  2. *Language and communication skills*
  3. *Life skills (Yoga, physical fitness, health and hygiene)*
  4. *ICT/computing skills*

Response: A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Institutional data in the prescribed format	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 42.96

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
615	776	337	435	923

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 41.04

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
152	189	171	178	185

5.2.1.2 **Number of outgoing students year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
400	387	487	459	399

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	[View Document](#)
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 5.33

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

2023-24	2022-23	2021-22	2020-21	2019-20
34	25	4	2	2

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/ cultural activities at University /

state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 54

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*

2023-24	2022-23	2021-22	2020-21	2019-20
14	7	8	0	25

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 59.2

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
76	90	63	14	53

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

5.4.1

There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The college is managed by Sarva Vidyalaya Kelavani Mandal, a hundred and five years old philanthropist Trust run by its own Alumni. Walking on this noble path, Pramukh Swami Science and H. D. Patel Arts College Alumni Association (PAA) is a Network for Lifelong Learning and Support.

The PAA is a vibrant community that nurtures enduring bonds between graduates and their alma mater. Founded in 2006, the PAA has flourished with a membership exceeding 10,500 alumni. To strengthen engagement, nine dynamic Departmental Chapters have been set up since 2013.

Building a Stronger College Community

The PAA's active engagement is instrumental in driving the college's growth and success. By cultivating a strong support network and equipping students for their professional journeys, the PAA ensures enduring alumni connections through a dynamic events calendar. This thriving community empowers alumni to give back to the college in numerous ways.

- **Financial Support:** Alumni play a vital role in the college's development by contributing through donations, fund raising initiatives, and sponsorships.During last 5 years, financial contribution of Rs.1191000/- have been received from alumni of the college for college development.
- **Mentorship and Guidance:** Alumni share their expertise by participating in mentorship programs, offering career guidance, facilitating networking opportunities and delivering guest lectures.
- **Community Engagement:** Alumni voice the institution in local communities by their personal and collective success stories.

Departmental alumni gatherings foster a dynamic platform for knowledge sharing. Industry, academic, and entrepreneurial alumni inspire current students by sharing their experiences and preparing them for the challenges of the professional world. Alumni play a crucial role in enhancing the college's quality by actively participating in the IQAC's quarterly meetings to contribute to the institutional growth.

PAA: Bridge to Success

The PAA is a vital catalyst in advancing students' career trajectories.

- **Internships and Job Placements:** The PAA actively drives student career growth by facilitating internships and job placements in both academia and industry during college placement drives. This hands-on experience equips students with valuable industry insights and opens doors to promising career opportunities.

Pre-placement Preparation: The PAA further enhances student preparedness by conducting pre-placement workshops. These sessions focus on developing essential skills such as interview techniques, group discussions, and competitive exam preparation to boost students' career readiness

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)	

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The college is managed by 105 years old Philanthropic Educational trust "Sarva Vidyalaya Kelavani Mandal, Kadi" and the office bearers of the trust are the alumni of the different institutes of the trust. The management and college have motto' " Do good,Good will come back to you" and core value "Education is true service".

The Vision of the college 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 fulfil the Vision-Mission, the college has been promoting quality education to students from the rural area having diverse backgrounds and abilities. To accomplish vision and mission, college follows practices such as:

1. **Embrace innovative teaching methods including ICT based learning,** Experiential and Project based teaching and learning through field projects, internships and Industrial training.
2. **Develop well-rounded graduates via various capacity building programs.**
3. **Invest in infrastructure by** development and continuous upgradation of state-of-the-art infrastructure to support teaching, research and cocurricular and extracurricular activities.
4. **Encourage faculty development** via various welfare schemes for employees including financial support for research, patents, publication and participation in national and International faculty development events.
5. **Empower women** by providing value-based education that empowers women through various activities conducted by Women Development Cell and Women Entrepreneurship Cell.
6. **Strengthen industry collaboration** to develop cutting-edge curriculum, training programs, and placement opportunities.
7. **Enhance student employability via** vocational education and certificate and value added courses.
8. **Foster entrepreneurial spirit** through startups, innovations and Entrepreneurship initiatives.
9. **NEP Implementation** as per the guideline from Government of Gujarat as well as parent university, Hemchandracharya North Gujarat University, Patan.

Decentralized and Participative Management:

- The college supports a participative management culture through decentralization & delegation of authority, which can be seen at all levels of its academic and administrative operations.

- The core 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.
- The Management appoints a Vice-principal who is assisted by Faculty in-charge for Arts and Science disciplines and Nodal officer of vocational program. The administration is decentralized in order to delegate authority and autonomy to HoDs for effective academic governance of their departments.
- The College IQAC encompasses of Management representatives, Principal, Vice-principal, HoDs, alumni and current students. College regularly organizes IQAC meeting during every quarter in a year. Policies and plans are constituted, monitored and evaluated by IQAC.
- IQAC composes of various committees for co-curricular and extracurricular activities. Each committee is made of a convener and members under the chairmanship of the principal for effective work and documentation. The official notice is issued along with the guidelines defining the roles and responsibilities of the committees. The committees prepare action plans and submit to the principal for approval. The committees carry out the activities regularly and at the end of the academic year, the conveners submit the reports to the Principal.
- The students' representatives are also nominated to carry out the co-curricular and extracurricular activities.

File Description	Document
Upload Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

The college has developed a detailed action plan and strategies for enhancing students' educational and career orientation. Through the College IQAC (Internal Quality Assurance Cell), the institution engages stakeholders to gather their input for the development of the college, which is considered during planning and execution.

Key Plans and Strategies:

Teaching and Learning:

- Implementation of the National Education Policy (NEP) in line with the guidelines set by the affiliating university and the Government of Gujarat.

- Upgradation of Learning Management Software (LMS).
- Upgradation of e-resources and ICT facilities to support teaching and learning.
- Launch of a student-friendly mobile app.
- Introduction of more Add-on and Certificate courses.

Student Enrichment:

- Enhancement of startup and innovation facilities for students.
- Collaboration with institutions and industries to boost skill development and capacity building.
- Organization of hands-on training sessions, seminars, workshops and Science Hackathons in partnership with expert organizations.
- Engagement in outreach activities through NCC, NSS, and Unnat Bharat Abhiyan.

Infrastructure Development:

- Construction of a boys' hostel using RUSA 2.0 grant funds.
- Technological upgradation in college buildings

Research Promotion:

- Encouragement of research among faculty members, with research project grants totaling over 70 lakh INR received in the past five years.

Procedures for Promotion:

- This is accomplished as per the rules of UGC, State Government and Hemchandracharya north Gujarat University, Patan.

Effective & Efficient Functioning of Institutional Bodies:

Administrative Structure:

- The College Governing Body (CGB) includes representatives from SVKM Management, Industry representative, Representative from Kadi Municipality, the Principal, and the Directors/Principals of campus institutions. The Management has appointed a Vice-Principal, two Faculty In-charges (one each for Arts and Science), and a Nodal Officer for the Vocational Program to assist the Principal in administrative, academic, and financial matters.
- Each department is led by a Head of Department (HoD) responsible for academic and administrative functions.
- The non-teaching administrative staff comprises a Head Clerk, Accountant, Junior Clerks, laboratory assistants, plant collectors, computer operators, storekeepers, lab helpers, and peons, all of whom support both academic and administrative tasks.

Decentralization and Committee Structure:

- Responsibilities are decentralized through various committees headed by Coordinators. Administrative, academic, and financial matters are managed in a democratic and transparent manner.

Recruitment Procedures:

- **Permanent Grant-in-Aid Posts:** These positions are filled by the Government of Gujarat according to the norms set by the university, state government, and UGC.
- **Permanent Management-Appointed Posts:** These are filled by the Management in accordance with the university's recruitment ordinances.

Service Rules:

- The service conditions for all teaching and non-teaching staff are governed by the regulations set by the Government of Gujarat, the university, and the SVKM trust.

Grievance Redressal Mechanism:

- Initially, grievances from teaching and non-teaching staff are managed by the Principal. Administrative grievances are addressed by the Chairman of the Sarva Vidyalaya Kelvani Mandal.
- For issues specifically concerning female staff and students, both the Internal Complaint Committee and the Women's Development Cell are involved in resolving the concerns.

File Description	Document
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The college is managed by 'Sarva Vidylaya Kelavani Mandal, Kadi- a 105 years old philanthropic educational trust. The management and college have motto' Kar- bhala hoga bhala'- Do good, Good will come back to you and core value "Education is true service".

One of the main agenda of the management and college is to ensure the highest level of welfare for all staff members.

Health Welfare:

- To cater for the health of the staff, the college provides primary medical facilities at campus health center. For any medical emergency, the college provided concessional medical facility at Bhagyodaya and Rydham Multispecialty Hospital, kadi
- Health Insurance Scheme is provided to teaching and non-teaching staff members.

Economic Welfare:

- All Grant-in-aid staff members are under General Provident Fund Scheme while Employee's Provident Fund Scheme is implemented for all the Management appointed teaching and non-teaching staff members.
- Interest Free Loan to all the staff members is offered by the Management in necessary circumstances.
- Advance salaries are given to the staff in need during difficult times such as the covid pandemic and during major festivals like Diwali.
- The college run a registered credit society for permanent employees, providing financial support of up to 5 lakhs in times of need and accidental insurance coverage of 1 lakh.
- Fee waiver to the children of class IV employees
- Free uniform, shoes and festival bonus to all the class IV employees
- Leave Travel Concession (LTC)

Social Welfare:

- The College provides residential quarters for the teaching and the nonteaching staff on the campus on demand.
- During covid-19 lockdown, staff members are facilitated with the provision of their day-to-day requirements such as grocery items, vegetables, medicines etc, on demand and home delivery of the required goods were provided to faculties in the tough time of lock-down.

Professional Welfare:

- In-service opportunities for higher education, Faculty Development and Training programs
- Research –Award: upon completion research project, the college management facilitate faculty (Principal-Investigator) with a cash Award worth of 5% of project grant.
- Financial assistance for participation in seminar /conference/ workshops including Registration fees and travel allowance.
- Reduced workload to staff in case of serious health issues and management appoints visiting faculty to manage their remaining workload.

Emotional Welfare:

- The college management established cell for Mental Health and Well being for emotional welfare of staff members and students too since covid-19 pandemic.Staff members can receive personal and professional counselling from the experts including psychiatrics.
- The college put in place relaxation and recreational activities for staff and every year provide financial support for organization of recreational activities.

Appraisal system:

- The institution has Performance Appraisal System for teaching staff following UGC regulations
- Every faculty member has to submit Self-Appraisal Report to College IQAC at the end of every academic year.
- All the Office and Laboratory Staff members have to submit Self-Appraisal Report to College IQAC after the proper evaluation by the concerned HoD at the end of academic year.
- Promotion, career Advancement schemes are based on performance appraisal system by Govt. of Gujarat as well as management.

File Description	Document
Upload Additional information	[View Document](#)

6.3.2

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

Response: 36

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**

2023-24	2022-23	2021-22	2020-21	2019-20
19	8	5	13	9

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 48.18

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
15	36	15	30	10

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2023-24	2022-23	2021-22	2020-21	2019-20
14	14	14	14	14

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Mobilization of Fund:

Government Funds: The institution actively seeks funding opportunities through various government schemes and has secured support from the central government as well as state Government.

Funds from Central Government:

1. Fund for Skill based courses under DDU-KAUSHAL Kendra
2. Fund for Skill Vigyan Program from Department of Biotechnology, Government of India
3. Fund for Minor Research Project from University Grants Commission.

Funds from State Government:

1. 100% Salary Grants alongside 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, Government of Gujarat.
3. Grant for Biotechnology-Capacity Building CRASH workshop from Gujarat State Biotechnology Mission, Government of Gujarat.
4. RUSA Grants for Infrastructural Development under RUSA Component 2
5. Grant for Finishing School project from Knowledge Consortium of Gujarat, Govt. of Gujarat.
6. Sapta-Dhara, UDISHA and Placement from KCG, Govt. of Gujarat.
7. Grant for SSIP (Student Startup and Innovation Policy) scheme from Knowledge Consortium of Gujarat (KCG), Government of Gujarat

Other Resources of Grant:

1. Students Tuition Fees

2. Fund to organize seminar/Workshops from Hemchandracharya North Gujarat University
3. Fund for NSS Activities from Hemchandracharya North Gujarat University
4. Contribution is received from Management for grants if required – like organization of various student development and Faculty development programs, Fee waiver to students and additional funding to complete projects funded by UGC and state Government.
5. Contribution from Alumni in the form of Scholarships, financial support to organize Seminar, Workshop and other students' development activities.
6. Fund from Alumni and Philanthropists

After receiving the grants, the college mobilizes funds as per strategic planning, which was developed at the time of preparation of the budget. The audited utilization certificates is prepared after utilization of grant and submitted in due time to the appropriate authorities.

AUDIT Mechanism:

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

- **Internal Audit** is executed by the Management, SVKM, Kadi. The college Management has appointed a Chartered Accountant Firm (Patel Mankad and Co.) for College Financial Audit. The CA firm executes three Mid-Term internal audits (in September, January & March each) and a final audit in May every year. The Last Financial Audit of the College is executed during the month of May, 2022. 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 executed by a Government Auditor appointed by the Department of Higher Education, Government of Gujarat.

File Description	Document
Upload Additional information	[View Document](#)
Provide 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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the

quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

The IQAC plays pivotal role in the governance through quality initiatives and institutionalizing good practices. It encompasses of Management representatives, Principal, Vice-principal, HoDs, alumni and current students and also contributes to administrative and academic developments; alongside Policies and plans are constituted, monitored and evaluated by IQAC.

Initiatives taken by IQAC for institutionalizing quality assurance:

Review of teaching-learning process:

- To align with NAAC quality parameters, the IQAC has developed a 30-point agenda. This agenda outlines annual responsibilities for department heads, faculties and administrative staff.
- The college organizes 4 Quarterly IQAC Meetings to contemplate over the quarterly achievements of the academic parameters. During each meeting, a designated trio of departments presents their comprehensive performance reports.

Elevating Excellence in Teaching-Learning plan

- In response to the COVID-19 pandemic, the IQAC took proactive measures to ensure uninterrupted teaching and learning. To facilitate the transition to online education, the IQAC organized comprehensive training programs for faculty on various digital platforms including Microsoft Teams, Zoom, Google Meet, Google Classroom, and Webex. Additionally, to enhance video lecture production capabilities, specialized training on open-source software like OBS Studio was provided.
- The IQAC maintains ongoing oversight of the Research and Development Cell, Entrepreneurship Development Cell, and Innovation Club to cultivate a robust culture of research, innovation and Students' Start-ups.
- In response to stakeholders' feedbacks, the IQAC has implemented a range of initiatives to enhance students' capacity and employability. These include capacity-building programs, value-added courses, internships, field projects, industry collaborations, and a mentorship program.

Fostering a Progressive work culture

- The IQAC works upon institutional perspective plan and preparation of deployment strategy to ensure the functioning quality of the administrative and academic units of the College.
- The IQAC conducts Workshops, Conferences, FDPs etc in the college for the professional development of the teaching as well as non-teaching staff.
- The IQAC motivates faculties to participate in orientation, refresher and short term training programs to strengthen their academic as well as research aptitude.
- IQAC evaluates faculty performance through Annual Appraisal.
- IQAC regularly reviews the Feedback from various stakeholders and conveys them to the higher authorities to achieve higher levels of academic excellence.
- The IQAC regularly collects and analyzes feedback from various stakeholders. This information is then communicated to the higher administration body to drive continuous improvement and achieve academic excellence.

Initiatives for financial mobilization:

- The IQAC develops proposals to secure funding from central and state government schemes for the benefit of the college, faculty, and students.
- The college has successfully applied and received fund for the RUSA 2.0 Component 9 (Infrastructure Development Grant), Skill Vigyan Program, leading to significant advancements across various institutional domains.

Quality Assurance Initiatives by IQAC:

- The IQAC actively participates in a range of national and state-level ranking and award initiatives. These include the Best College Ranking Survey of India Today-MDRA, the Outlook-ICARE, the Open Magazine, NIRF and GSIRF; along with Green Audits by MGNCRE, Govt. of India.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

The college is deeply committed to provide a safe, inclusive and equitable environment for all genders of the academic community.

Gender Audit:

The college has initiated a comprehensive gender audit to assess and enhance gender equity within the college. The gender audit has evaluated gender representation in all sectors among faculty, as well as students. Additionally based on the audit's findings, college has implemented various training and awareness programs, have established support systems such as mentorship programs and counseling services for benefit of all.

Safety, security and wellbeing:

- 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.
- CCTV Monitoring : More than 1300 CCTV Cameras are on the Campus to provide round the clock surveillance
- Suggestion Box: The suggestion box is easily accessible in foyer and suggestions are invited for the betterment of the college.

- Grievance Redressal Committee: The Committee provides appropriate solutions to academic as well as socio-economic grievances of the students.

- 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.

- Discipline Committee: ensures maintenance of discipline during all the events organized in college.

- 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 easily accessible.

- Fire Safety Equipment: There are more than 19 fire extinguishers as well as fire hydrant

system installed at various places in college.

- Common Room Facility: The College provides separate common rooms as well as washrooms for girls and boys. The Girls' common room facility is well ventilated and is equipped with desk, easy chairs and mirrors, additionally the common room is also equipped Sanitary Napkin Vending Machine and incinerator machine.

Promotion of Gender Equity:

- The annual gender sensitization plan is also charted out at onset of the academic year and is meticulously followed.
- Gender sensitivity awareness programs: The college regularly organizes theme based seminars, Guest lecturers to endorse social values such as gender equality and gender sensitivity.
- Women Development Cell (WDC) takes keen interest for overall development of females by arranging array of activates like Women's Day celebration, Seminars on "Work life balance" , Self-defence workshop etc.

- Women Entrepreneur Cell (WEC) organizes various workshop and training programs to promote entrepreneurship skills for all students of the college.
- The College provides counselling in various genres for betterment of the students.
- Mentoring program: Every Group of Students has a Mentor. Mentors interact with students regularly to provide guidance and deal with various academic, Socio-cultural and economic issues. Mentors address these issues with the help of the respective college committees and the Trust authorities.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The college is maintaining an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities.

The students of today are future citizens of the country and they need to be molded suitably to have responsible citizens for harmonious and better tomorrow. Several efforts and initiatives are undertaken by the college to inculcate the values of nationalism, cultural integrity and harmony amongst the students from diverse communities.

The college organizes and celebrates various National festivals and Regional festivals. The celebration of various festivals like Christmas, Mahashivratri, Rakshbandhan, Janmashtami etc helps to promote values of communal harmony, tolerance, and ethics of coexistence as well as peace and unity amongst students from diverse backgrounds. These celebrations of all festivals also play a vital role in promoting and preserving our cultural traditions and heritage among the younger future generations. Along with festivals the thanksgiving initiative is also inculcated to promote sense of gratitude towards one and all. During the celebrations of festivals students are also encouraged to share their food so as to improve their bonding with each other and embrace the diversities of our culture.

The Birth and Death anniversaries of eminent personalities are also to celebrated honor the contributions of these individuals, foster national and cultural pride and to motivate the students for contributing positively to the society. The birth and death anniversaries are celebrated by organizing various competitions, seminars etc.

The students as well as employees need to be aware of their constitutional obligations and should be sensitized about the values, rights, duties and responsibilities of citizens. They also need to be aware of exercising their rights appropriately and justly. Sensitizing students and employees to constitutional obligations is crucial for developing informed and responsible citizens. The awareness of constitutional rights and duties encourages ethical behavior, national unity, and legal compliance. These efforts help to create a more just, inclusive, and democratic society where each individual contributes positively to society. In this context the institution conducts various activities like voter awareness, Swaccthta Abhiyaan, Vaccination drives, Banking awareness etc to sensitize students and employees for constitutional obligations, values, rights, duties and responsibilities of citizens The Festivals/ days celebrated by the college are as mentioned below:

1. Independence Day
2. Republic Day
3. Youth Week
4. Guru Purnima
5. Vasant panchmi celebration
6. Holi Clebration
7. Christmas and New year celebration
8. Essay Writing, Elocution competition on Gandhian Philosophy and campus cleaning drive on Gandhi Jayanti
9. Azadi Ka Amrut Mahotsav : Swacchata Abhiyaan
10. Blood Donation Camp
11. Voter Awareness Programme
12. Conch and Bhagvad Gita distribution
13. Tree plantation
14. Covid Vaccination drive
15. Plastic free campus
16. Women empowerement
17. Banking Awareness

18. Thalessemia testing.
19. Teacher's Day

File Description	Document
Upload Additional information	[View Document](#)

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

Best Practice-1:

1.Title of Practice: Capacity Building Program- BTCBC (Biotechnology Capacity Building Cell) Crash Workshop

2.**The context that required the initiation of the practice:**

In dynamic and constantly growing field of science and technology, the key to success lies in constant updating   of knowledge and keeping pace with new trends and technologies. For seeking admission in post graduate programs in reputed national institutes, students need to crack various competitive exams. The Gujarat State Biotechnology Mission [GSBTM], formed under the ages of DST, Government of Gujarat, has significantly contributed in development of an Institutional Network for Capacity Building Cells [N-BT-CBCs] in the field of Biotechnology. The State Government has strategized formation of 14 Capacity Building Cells in Biotechnology [BT-CBCs] at various academic organizations of the state.

Department of Biotechnology, Pramukh Swami Science and H.D.Patel Arts College has been selected as Regional Centre for Biotechnology Capacity Building Cell by the State Government. The workshop is envisaged to be a residential training enabling ample time for the students to work with trainers.

3.**Objectives of the practice:**

- To prepare students to crack various State and National level Post Graduate entrance examination
- Competency development amongst the students for critical thinking and analysis

4.**The practice:**

- Awareness among the North Gujarat region cluster colleges
- Selection of Students
- Organization of Crash Workshops

As a part the practice, the college has been organizing crash-workshops every year to train students for PG Entrance Examination. During Covid pandemic the college organized GUJ-e-BT Lecture series and the crash workshop in online mode.

The summary of total no. of BT-CBC crash workshops are as mentioned below:

No. of Capacity Building Programs organized since inception	No. of Colleges Participated every year	No. of Student Participants	No. of Resource Persons invited	Outcome of the program.
15	13	1014	Average 45 Resource persons in each Crash Workshop	More than 20 students cracked national level PG Entrance examinations like IIT-JAM, GAT-B, JNU-CBEE. More than 800 students have cracked Post Graduate entrance examinations of various state universities.

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

Obstacles	Strategy adopted to overcome
Organization of Residential Workshop as it includes 11 hours / day academic training	Organization of event after college exam so we Can accommodate students in hostel.
More than 40 resource persons are needed to provide intensive training to Students.	Institute maintains liaison with resource persons and with their advance consent, the sessions are organized.

6.Impact of practice

- The student's competency is enhanced
- Opportunities to collaborate with various renowned experts for research, training and capacity building events.

7.Resources required

- Accommodation facilities
- Resource Persons

Best Practice 2 :

1 Title of the Practice: Integrated Approach for holistic Development of students

2. The context that require the initiation of the Practice:

The college focuses on an activity-based environment to get hidden talent, aspirations and dreams voiced and an overall personality and career development of the students Our objective is to provide platform to students for all round development. In this context, the college initiated various programs via different committees/ cells to involve the students in different activities based on their interest.

3. Objectives of the practice.

- To provide excellent opportunities for all round development of students.
- To inculcate moral values and social responsibilities among students
- To make students aware of fitness, coordination and balance

4. The Practice:

The college is dedicated to a holistic approach to student development, addressing their needs in every aspect of life and providing diverse opportunities for their overall 360 degree growth

Academic Development: Apart from core academic programs, the college offers various **Add-on and Certificate course** for skill development of students. Integration of experiential learning methods, such as internships, field projects, problem solving methods provide practical applications of classroom knowledge and foster real-world skills.

Fostering Moral Growth for responsible citizenship: Ethical and moral development is another crucial aspect of holistic education. To foster a sense of social responsibility and ethical awareness among students as well as to imbibe Authenticity, Self-expression and Value Creation, college offer a program **'Sarva-Netrutva'- a five days residential training program**.

Professional Development: College have a center for Finishing School from Government of Gujarat. For effective Communication Skill, GDs, and life skills, the college organizes 80 hrs training program under "Finishing School".

LAKSH : For Physical Fitness, Health and Hygiene, the college provides Centrally AC Indoor Sports complex with more than 9 indoor games. The LAKSH program is designed on Fitness Components like Speed, Endurance, Flexibility, Agility, Strength, Stamina, Power, Coordination and Balance. Participants have to prove themselves in each task in all the three rounds efficiently. Final Round conducts at Uttarakhand. Winner receives Rs.50000/- cash award with trophy.

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.

Gender Equity: Through **Women Development Cell(WDC) and Women Entrepreneurship Cell(WEC),** college provided an equitable ambiance with equal opportunities to all students. Under WDC and WEC, the college organizes various activities for all students

5. Evidence of success:

- Increased Cultural Competence and Inclusivity: By providing college level opportunities via Sapta-Dhara events, students get prepare for participate at university level. More than 54 awards have been received at university/ state /national as well as international level of sports and cultural events by the college students.
- College student Mahek Patel has won bronze medal at National level and she has been felicitated with 'Mahila Gaurav Award' with cash prize of Rs.25000/- during International Women's Day celebration.
- Ms.Komal Solanki has been awarded with LAKSH championship with cash award of Rs.50,000/-.
- Training by 'Women Entrepreneurship Cell' inculcates entrepreneurial mindset among students. Students from B.Voc have stated their own business as 'Agri- entrepreneur' after attending such trainings.

6. Problems Encountered:

- Balancing Academic and Extracurricular Commitments by Students

7. Resources Required:

- Financial support to organize comprehensive growth activities
- Human resource and Infrastructure

File Description	Document
Any other relevant information	[View Document](#)
Best practices as hosted on the Institutional website	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Student Startup and Innovation Cell

Aligned with our institution's vision, priority and thrust on skill-based Entrepreneurial Development, we established the **Student Startup and Innovation Cell** to cultivate entrepreneurial mindsets. By providing tools and platforms, we empower students to transform their ideas into viable startups. This initiative aims to foster professional self-sufficiency, create job opportunities, and stimulate economic growth. We are proud to be the first non-technical college in Gujarat to successfully implement our Student Startup and Innovation Policy (SSIP).

Sensitization Programs:

To cultivate a student that fosters innovation, the institute encourages and financially supports faculty participation in startup and innovation-related events. Seven faculty members have successfully completed the 'Nurturing Innovation and Startup Ecosystem (NISE)' certificate course offered by the Government of Gujarat's Startup and Innovation Hub (i-Hub). Moreover, an FDP on SSIP 2.0 was attended by the coordinator.

The College SSIP Cell has promoted entrepreneurship by organizing 10 webinars-workshops and 4 skill development programs for students.

Outreach Programs:

To create awareness towards Entrepreneurial mindset and SSIP, the college has organized more than 15 sensitization programs in the university affiliated colleges and other institutes as well.

Pre-incubation:

The institute boasts a state-of-the-art Central Research Laboratory with sophisticated instrumentation, Soil Testing Lab as well as Tissue Culture Lab. This robust infrastructure provides an ideal environment for fostering innovation. Students are encouraged to apply technology to address societal challenges and receive comprehensive support throughout the entire innovation process, from ideation to commercialization, including mentorship and guidance for developing Proof of Concept (PoC) and various kind of IP support. The institute's inspiring, inventive, and reform-oriented academic atmosphere empowers stakeholders to excel.

The institute regularly hosts awareness sessions, workshops, seminars, webinars, and expert talks on entrepreneurship, innovation, and startups. Students benefit from direct interactions with accomplished entrepreneurs in their fields.

Incubation Centre: Support to idea Generation:

The institution cultivates a vibrant ecosystem for innovation and entrepreneurship. Through initiatives

like SSIP, Innovation Club, IPR Cell and Entrepreneurial Development Cell, we empower students to turn their ideas into reality. The SSIP has been instrumental in fostering innovation, with a sanctioned grant of 20,00,000/- Rs. (Twenty Lakh only) under SSIP 1.0 and a substantial increase to 1,65,00,000/- (One Crore Sixty-Five Lakh only) under SSIP 2.0 by Govt. of Gujarat.

- **Extended Lab Access:** Students are granted access to the ATAL Tinkering Lab for three hours daily after 3 PM.
- **Free Raw Materials:** 100% free raw materials provided for student startup projects.
- **Startup Project Support:** Innovative student startup projects are funded by the college up to 2.5 lakh.

Capacity Building on IPR:

The institute has established an IPR cell to provide intellectual property rights support to both faculty and students. To enhance IPR knowledge, the cell has conducted 13 IPR-focused webinars, seminars, and training sessions. A notable event was the IPR Awareness Program sponsored by the Patent Office Mumbai, Government of India, under NIPAM on August 26, 2022, which drew over 600 students and 45 faculty members.

Impact of SSIP:

The concerted efforts of the college SSIP Cell have yielded impressive results.

- To date, 48 Proof of Concepts (PoCs) have been successfully approved.
- Five patents of the faculty members have been successfully published The Patent Office, Govt. of India as well as Intellectual Property Office, UK. In addition to this, the students have filed five Patents through the Institute's SSIP Cell. Furthermore, one trademark has been also registered.
- Three startups have been officially recognized by the Ministry of Micro, Small, and Medium Enterprises (MSME).
- Till date, more than Rs 35,00,000/- (Rupees Thirty Five lakh only) have been funded to students for PoCs, registration of startups and IP supports.

File Description	Document
Any other relevant information	[View Document]()

5. CONCLUSION

Additional Information :

The motto of the trust Sarva Vidyalaya Kelavani Mandal is "D**o good and good will beckon you"**

Born out of this humanitarian and philanthropic spirit of education, the college played a vital role during the Covid Pandemic socio-economic crisis.

- The campus was swiftly transformed into a crisis management hub. A 2,000-bed isolation ward, a robust food supply chain distributing 1,000 weekly family grocery kits, and a transportation network facilitating for mass exodus were established.
- Continuous food services for 5,000 people daily and a standby medical team ensured comprehensive support.
- In addition to this on campus structural support system, the College trained a battalion of frontline warrior made up of NSS Volunteers and NCC Cadets to support the affected ones who could not reach the campus. They stepped forward and availed medicines and precautionary supplements to the susceptible ones during the lockdown. They extended their services to the Covid Ward of Public Hospital of Kadi due to scarcity of nursing staff in pandemic. NCC officer Lieutenant Dr. Parimal Chatrabhuji was assigned monitoring task at Naroda Police Station, Ahmedabad with 21 NCC Cadets and 20 NSS Volunteers to maintain social distancing, enforced use of mask and to maintain hygiene through sanitization.
- The State Government Authorities acknowledged these exceptional extension services to community.

Concluding Remarks :

The college has a well-rounded and effective approach that reflects its commitment to academic excellence, holistic development, and community service. Here is an overview:

1. **Academic Excellence:**

   - The college places strong emphasis on providing quality education in Science, Arts and Vocational Study.

   - Experienced and dedicated faculties foster intellectual curiosity and critical thinking. They exercise modern teaching aids and well-equipped laboratories, ensuring students receive quality education.

2. **Holistic Development**:

   Beyond academics, the college encourages participation in co-curricular and extracurricular activities to build leadership skills, teamwork, and a sense of responsibility as well as it also enhances entrepreneurial skills, life skills and problem-solving capabilities.

3. **Infrastructure and Facilities:**

   The college boasts state-of-the-art infrastructure, including smart classrooms, library, and laboratories to integrate technology with traditional teaching methods.

4. **Community Engagement and Social Responsibility**:

   - Students are encouraged to participate in outreach programs that benefit the local community, aligning with the institution's mission to contribute positively to society.

   - Various green initiatives and awareness programs are conducted for Environmental sustainability.

5. **Leadership and Vision:**

   - The leadership of the college, under the apt guidance of the Management and the Principal, has been instrumental in driving the institution's success over the years. Their vision of fostering an environment where academic excellence meets holistic development.

   - Feedback mechanisms are in place to continually improve the educational experience and stakeholders voices are valued in decision-making processes.

6. **Collaboration and Networking:**

   - The college maintains strong ties with industries and academic institutions to enhance the learning experience by providing students opportunities for internships, research projects and exposure to real-world applications.

   - A strong alumni network is an invaluable asset where all the office bearers are the alumni of the campus. They foster financial help, industrial exposure and placement.

Overall, SVKM's Pramukh Swami Science and H.D. Patel Arts College in Kadi is a well-functioning institution that excels in providing quality education while also nurturing the personal growth and social responsibility of its students. The institution's success is a testament to its strong leadership, dedicated faculty, and comprehensive approach to education.