

INSTITUTIONAL DEVELOPMENT PLAN

(IDP)

2023 TO 2028

Submitted to

Knowledge Consortium of Gujarat

Department of Higher Education, Government of Gujarat

Submitted by



**Sarva Vidhyalaya Kelavani Mandal's
Pramukh Swami Science and H.D.Patel Arts College, Kadi**

**NAAC Accredited Grade 'A' : CGPA 3.25 (Cycle 3)
College with Potential for Excellence – Awarded by UGC**

**AAA Rank -1 Govt. of Gujarat
DDU KAUSHAL Kendra- UGC**

www.psshda.ac.in

mail: mail@psshda.org

M : 9426766703



Sarva Vidyalaya Kelavani Mandal's

Pramukh Swami Science and H D Patel Arts College, Kadi

NAAC Re-accredited : Grade A (CGPA 3.25 - cycle-3) | College with Potential for Excellence (CPE) - Awarded by UGC

AAA Rank 1 - Awarded by Government of Gujarat | DDU-KAUSHAL Kendra by UGC.

Ref: 905/2022-2023

23/03/2023

To,
Prof. A U Patel
Advisor
Knowledge Consortium of Gujarat
Ahmedabad

Subject: Submission of Institutional Development Plan (2023-28)

Ref: SNO/RUSA/IDP/2023/2552 dated 7/1/2023

Respected Sir,

In connection with above mentioned subject and reference, we, from Pramukh Swami Science and H D Patel Arts College, Kadi, are hereby submitting Institutional Development Plan (IDP) and Detailed Project Report, as per the draft guidelines by UGC.

Kindly consider this.

Thanks and regards

Dr. Minal Trivedi
IDP, Institutional coordinator



Dr. Ajay S Gor
Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

OVERVIEW OF IDP

Objectives of the IDP:

- To articulate the Vision and Mission of the college.
- To perform need assessment based on wide consultations with all the stakeholders which includes Students, parents, Staff, Office bearers and society to identify the goals, priorities and commitments of the college that are aligned with the Vision and Mission.
- To upgrade academic and research ambience in the institute.
- To develop a Resource Based View, identifying resource gaps and action plans to bridge these gaps.

The IDP is prepared for a period of five years i.e from 2023 to 2028, and contain a description of measures that would ensure sustainability up-to the 10th year.

The IDP is a living document, and will evolve as the strategic plans are implemented and reviewed, IDP contains the indicators and targets.

Steps for developing the IDP:

- Coordinator(s) in charge of developing the IDP are Identified and are assigned responsibilities.
- Analysis is Carried out to identify focus areas. Consultations and conclusions are Documented.
- Goals are identified based on the above assessment and so are the priorities and commitments of the college.
- Initial version of the IDP is drafted highlighting the focus areas, goals and the milestones with the timelines.
- Activities required to achieve the goals stated in the IDP are Identified and incorporated into annual activity plans.




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Institute Profile

Being first Higher Education institute of the trust 'Sarva Vidhyalaya Kelvani Mandal, Kadi (A 103 years old philanthropic educational trust), and established in 1965, Pramukh Swami Science & H D Patel Arts College, Kadi is a renowned educational institute of Gujarat state with

- Re- accredited with grade 'A' by NAAC (CGPA 3.25) (Cycle 3)
- College with potential for excellence- Awarded by UGC (2010 to 2019)
- DDU KAUSHAL Kendra by UGC for Skill based Vocational Programs
- AAA Rank-1 by awarded by Government of Gujarat.

College is having

- Regional Centre for 'Biotechnology Capacity Building Cell" (BT-CBC) by Gujarat State Biotechnology Mission, Department of Science and Technology, Govt. of Gujarat.
- Nodal Centre for Spoken tutorials of Open sources, IIT Bombay
- Learn Chemistry by Royal Society of Chemistry, UK
- Centre for SCOPE (Society for Creation of Opportunities through Proficiency in English) by Govt. of Gujarat
- Centre for Soil Testing (Macro and Micronutrient Analysis) for "Soil Health Card Project" by Govt. of Gujarat under Rashtriya Kishan Vikas Yojna (RKVY) Govt. of India
- Biotechnology Finishing School by Gujarat State Biotechnology Mission, Department of Science and Technology, Govt. of Gujarat.
- Finishing School by Knowledge Consortium of Gujarat, Govt. of Gujarat
- SSIP (Student Start-Up and Innovation Policy) Cell, Govt. of Gujarat

College offers various Under-Graduate, Post-Graduate and Ph.D. level programs in Science, Arts and Vocational stream.

- In Science Stream, college offers Chemistry, Mathematics, Physics and Biotechnology at UG level, whereas Chemistry and Mathematics at PG as well as Ph.D level.
- In Arts Stream College offers History, Gujarati, Sanskrit and English at UG level whereas History and Gujarati at PG as well as Ph.D level.
- In Vocational discipline, college offers B.Voc programs in Agriculture and Ceramic under DDU KAUSHAL Kendra by University Grants Commission.



A handwritten signature in blue ink, appearing to be 'P. S. Science & H. D. Patel'.

Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

INSTITUTIONAL DEVELOPMENT PLAN

BASIC INFORMATION OF INSTITUTE			
Name of the Institution		Pramukh Swami Science and H.D.Patel Arts College, Kadi	
The regulatory body approving the institution		UGC	
Affiliating University		Hemchandracharya North Gujarat University, Patan	
Type of Institution(Govt. /Govt. aided/Private unaided /Self-financing/ Any Other)		Govt. aided	
Status of Institution		NAAC Re-accredited with Grade A (CGPA 3.25)	
Name of Head of the Institution		Dr. Ajay S Gor	
Head and Nodal Officer	Name	Mobile Number	E-mail Address
Head of the Institution (Fulltime appointee)	Dr. Ajay S Gor	9425091028	ajaysgor@gmail.com
IDP Institutional Coordinator	Dr.Minal Trivedi	9737637111	minalmihir@gmail.com
IDP Institutional Associate Coordinator	Dr.Ram Suthar	9979560063	Ramv2@gmail.com
Coordinator for Academic Activities	Dr.Anand Vyas	9426767214	anandvyas@gmail.com
Coordinator for Financial aspects	Dr.Minal Trivedi	9737637111	minalmihir@gmail.com
Coordinator for Civil Works including Environment	Mr.Dipak Bhoi	9978439372	dipakphysics02@gmail.com
Coordinator for Procurement	Dr.Minal Trivedi	9737637111	minalmihir@gmail.com
Coordinator for Equity Assurance Plan	Dr.Avani Barot	9601251449	Barotavani29@yahoo.com
Coordinator for Access	Dr.Mayank Barot	9974265566	Barotmayank89@gmail.com
Coordinator for Excellence/Quality	Dr.Harsha Soni	9712128503	harshapsoni@yahoo.co.in
Coordinator for Employability	Dr.Kandarp Bhatt	9727571139	meet2kandarp@gmail.com



(Signature)
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

- **UG/PG and Ph.D Programs offered in the institute**

Degree	Subjects	
	Main	Subsidiary
Graduation: B.Sc.	Mathematics, Chemistry Physics, Biotechnology	Botany
Graduation: B.A.	English, History Gujarati, Sanskrit	Psychology
Post-graduation: M.Sc.	Chemistry, Mathematics	
Post-graduation: M.A.	History, Gujarati	
Ph.D.	Mathematics, Chemistry, History, Gujarati, Sanskrit, Biotechnology	
B.Voc.	Agriculture .	
Diploma	Ceramic Technology	

- **NAAC Accreditation Details:**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	75.1	2007	10/02/2007	09/02/2012
Cycle 2	A	3.20	2014	21/02/2014	20/02/2019
Cycle 3	A	3.25	2019	15/11/2019	14/11/2024




Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Institute Vision and Mission :

Vision:

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

Mission:

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




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

SELF-ASSESSMENT FOR NEED ANALYSIS

2.1. Curriculum Excellence

Sl. No.	Description	
1	When the curriculum was updated last?	Year: 2020-21
2	How frequently (time duration) the updating is done?	Every 3 years
3	Does the curriculum include A. Skill development B. Enhancing Employability C. Generating interest among students for learning higher courses D. Any other, Please Specify.	A) Skill development Yes; institute offer skill based vocational programs B) Enhancing Employability....:Yes C) Generating interest among students for learning higher courses...yes through experiential and project based learning modules
4	Placement (2021-22) I. Percentage of students employed after completion of course II. Percentage of Students progressing to Higher Studies	Employed 38% Progressing to higher education 25%
5	Mention the top five programmes opted by the students	1- B.Sc. (Chemistry) 2- B.A History 3- B.A. (English) 4. B.Sc. Biotechnology 5- M.Sc. Chemistry

2.2. Pedagogical Excellence

Sl.No.	Description	
1	What are the teaching-learning systems currently followed in the institution? (for example, IT enabled learning, traditional method, Experiential method, Team Problem solving, etc)	IT enabled teaching learning Models Simulations Chalk and board Projects Seminars Experiential methods





 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

2	Whether practical orientation in relation to teaching- learning system is given to students?	Yes practical is an integral part of teaching learning system in science and vocational programs
3	What are the pedagogical tools (Presentation, Demonstration, Field study, Survey, Role Play, Case Study, and Simulations etc.) used for teaching students?	Presentations, simulation labs, Demonstrations, Field Projects Training and Internship
4	Does the institution conduct regular industry-academia interface? If yes, Mention the number during 2021-22	Yes. During 2020-21 ---02 During 2021-22....05
5	What are the innovative teaching practices (like- smart classroom, conferencing, etc) are adopted in the institutes?	Smart Classrooms, Development of E-learning resources
6	a. Does the Institute have the practice of collecting feedback from students? b. Does the institute implement the suggestions from students' feedback for improving pedagogy?	a. Yes, Feedback is collected offline and online b. Yes , suggestions are analyzed, implemented after analysis

2.3. Academic Administration

Sl.No.	Description	
1	Does the institute have academic calendar for the year?	Yes, academic calendar is being provided by affiliating university. College IQAC prepare institute academic calendar and display on institute website in advance before the commencement of the academic session
2	Does it follow academic calendar? strictly?	Yes, academic calendar is followed strictly
3	Does the institute have following systems: a. Mentoring system b. Proctorial system c. Tutorial system d. Counseling system	a. Yes b. No c. Yes d. yes
4	Whether detailed lesson plans are given to students?	Yes
5	If yes, Is the lesson plan followed strictly?	Yes




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

6	What type of monitoring system is followed for completing course within set timeframe?	<ul style="list-style-type: none"> Academic Diary writing by the faculty. Diary is signed by principal of the college and bears all the details about the course completed in the week. Head of the department takes monthly meetings for course assessment. Status of course completed is assessed during CCE and monthly tests also
7	What type (monthly, quarterly, biannually, annually) of attendance management system is followed in the institute?	Attendance is marked daily. Attendance is compiled monthly and students falling short of attendance are notified and parents are informed for the same via phone/mail.
8	What type of feedback system is used for appraising the performance of faculty members? a. 360 degree b. Students' feedback c. Self-appraisal d. CCR	Student's Feedback Self-appraisal by Faculty
9	Is the rating communicated to teachers for improvement?	Yes, rating is communicated to the teachers from principal

2.4. Examination Reforms

Sl.No.	Description	
1	What type of examination pattern followed in the institution? a. Annual b. Semester c. Any other, Please specify	b. Semester
2	What is the question pattern followed for examinations? a. Objective b. Subjective c. Any other, Please specify	Objective Subjective Projects Practical Different modes of CCE
3	Whether practical examinations are integrated with the examination system?	Yes, Practical exams are integrated with the examination system




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

4	Whether Case study/ presentation are part of the examination system?	Presentations are part of the continuous internal evaluation system (CCE)
5	What types of reforms are required in the present examination system?	<ul style="list-style-type: none"> • Publication of model answer sheets • Normalization of Scores, this will lead to decrease stress among the youth. • Introduction of one section based up on competitive examination pattern in each subject
6.	Is the examination system a continuous one? If yes, Please mention in detail	Yes examination system is continuous one. Student has to appear for periodic Comprehensive cumulative evaluations CCE per semester
7.	Is the evaluation system computerised?	<ul style="list-style-type: none"> • University examination process is online which includes examination forms, enrolment, upload of Internal CCE as well as Practical marks.
8.	What is the days' gap between completion of examination and publication of result?	U.G./P.G .Final year ≈ 30 days U.G. II Year/P.G. Prev year ≈ 45 days U.G.I Year ≈ 60 days
9.	Should the gap be reduced?	Yes.
10.	If Yes, Please suggest how?	Autonomy of the college, will lead to develop system of college have its own examination schedule and early announcement of results. This will reduce gap .

2.5. Infrastructural Development & Maintenance

Sl.No.	Description
1	<p>What type of expansion work is required for existing infrastructure?</p> <p>Expansion of Girls common room Two rooms –construction for skill center Construction of one Research laboratory and instrumentation center, Construction of digital recording studio, Construction of language laboratory for soft-skill development. Construction of seminar hall , Installation of lift – facility</p>




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

2	What type of modernisation/renovation works are needed for existing infrastructure? (viz. Laboratories, Library, Networking, Smart classrooms)	<ul style="list-style-type: none"> • Laboratory expansion and renovation • implementation of EM smart and RFID Systems • Class rooms for MOOCS and webinars Digital teaching systems in the class rooms • IT enabled class rooms • Networking in Laboratories • High -Speed internet connectivity in all classrooms and laboratories of the institute
3	Whether creation of a laboratory /centralized computing / instrumentation facility is required?	Yes, Central computing and Analytical Lab facility is required
4	What type of sophisticated equipment's relevant to growth of different specializations are required by the institution?	NMR UPLC GC-MS System Fluorescence Spectrophotometer Particle size analyser Advanced Microscopes/confocal microscopes Autoclave Rota evaporator BoD incubator Centrifuge machine Software(Schrodinger, Gaussian, MATLAB, Scifinder) Workstation Computers
5	What type of infrastructural development work required for non-academic area for the institution (hostels, parks, residence, sports complex, gym, dispensaries, toilets, cycle stand, girls' common room, etc.)	Equipment for Gym Girls common room Toilets for girls Canteen Primary health centre Pentry room
6	What type of infrastructural development work is needed for making them accessible for differently-abled students?	Ramp in the backyard Installation of lift – facility for accessing the first floor laboratories




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

7	Does the institute maintain the academic and non-academic infrastructure areas?	Yes college has separate admin area which includes principal's chamber Office (Admin office) Sports activity centre Separate rooms for NCC and NSS
8	What are the monitoring mechanisms followed for maintenances?	College has building committee to take care of all maintenance related issues, committee works according to the government norms and follows the purchase rules set

2.6. Collaboration / Partnering with Knowledge and skill Hubs

Sl.No.	Description	
1	What steps have been taken by the institute to enrich the intellectual Capitals	<ul style="list-style-type: none"> • College organizes Workshops/ Seminars / Conferences and regular • lectures by eminent personalities from different walks of life. • Teachers are sanctioned duty leaves to participate in National and International events of academic importance • Institute have Innovation and SSIP center from Government of Gujarat • Institute have research cell that provides fund from management for research projects
2	What steps have been taken to acquire best and improved administrative and technical acumen for the institution?	Faculty, Administrative as well as Technical staff is relieved for trainings as organized by KCG/ University and other concerned organizations. Regular workshops and seminars are organized too.
3	What type of institutional/departmental collaborations the institution has with others?	Institute has collaborations with more than 40 Industries and other universities all the collaborations are of academic nature.



[Signature]
Principal


P. S. Science & H. D. Patel
Art's College KADI (N.G.)

4	Does the institution have Faculty Exchange Programme (National & International)?	Yes, Institute have Faculty exchange programs with collaborating institutes and universities.
5	Does the institution have student exchange programme (National & International)?	Yes. Institute have Student exchange programs with collaborating institutes and universities.

2.7. Effective institutional governance

Sl.No.	Description	
1	Does the institution have dulyconstituted governing body? a. If yes, has it been approved? b. How frequently the <input type="checkbox"/> Governingbody meets? Yearly Biannu ally As and when required	Yes, College Governing Body It meets every six months
2	Does the institution have E-Governance project (ERP & MIS)implemented?	Yes, Partially
3	How record keeping and data management is done in the institute?	Digital as well as manual, college doesnot owns any MIS but data are manged by college IQAC
4	What type of library managementsystem is there in the institute?	e library, partial Automation
5	What type of financial management and accounting system is followed inthe institute?	As per rules of SVKM and Govt. of Guajrat
6	Does the institute have its own activewebsite?	Yes, www.psshda.ac.in




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

2.8. Stakeholders Involvement

Sl. No.	Description	
1	Does the institute have any mechanism of participatory management in academic, administrative and financial affairs by involving teachers and staff?	Yes, Principal of the college constitutes committees for academic, administrative and financial affairs, Committee is headed by a senior professor with other faculty as members of the committee
2	Does the institute have any mechanism for enhancing participatory management in academic, administrative and financial affairs by involving Parents?	Yes, Institute has a fully functional mentorship program. That organizes parent teacher meets.
3	Does the institute have any mechanism for enhancing participatory management in academic, administrative and financial affairs by involving Alumni?	Yes, Active alumni association is functioning in the institute. Subject wise Alumni chapters have been established that regularly organizes various program and alumni meets.
4	Does the institute have any mechanism for enhancing participatory management in academic, administrative and financial affairs by involving Students?	Yes, Institute incorporates students as members in the various committees like college IQAC and other committees.
5	Does the institute have any plan for enhancing participatory management in academic, administrative and financial affairs by involving local authorities?	Yes, local member and industry experts are part of college IQAC. They review progress of the institute and give necessary suggestions.



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

2.9. Creating Institutional Brand Image

Sl.No.	Description	
1	What steps taken by the institute for building brand image?	Through periodic workshops/ trainings and seminars . Institute also focuses on starting and running courses of contemporary value and Industry orientation. Through participation in events which have direct impact on society and deals with public partnership Through societal workshops and training programs in collaboration with NGOs and local industries.
2	Has the institute adopted any innovative practices to build the institutional brand image?	Yes, Through strong Industry academiaframework and throught participation in various ranking like NIRF, GSIRF, India- today and Out-look Icare best college survey. College ranked among top colleges of india by India -today and Out-look Icare best college survey.
3	Does the institute have any centre of excellence?	Yes, UGC awarded the institute as ' College with potential for Excellence Award
4	What steps are adopted for promoting the institute as Centre of Excellence?	<ul style="list-style-type: none"> • Research and Development activities at sophisticated instrumentation lab, • Startup and project funding to students through SSIP • Organization workshops /seminars and conferences • Projects • Strong Industry -Academia collaborative activities • Excellence in teaching learning activities and curricular & cocurricular activities
5	Whether multi-disciplinary approach is followed to build and nurture effective brand image?	Yes,



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

2.10. Research & Development

Sl.No.	Description	
1	What are the research initiatives taken by the institute?	Institute is a recognized research Centre in Chemistry, Mathematics, Biotechnology, History and Gujarati subjects 07 faculties are research supervisors 25 research scholars are pursuing research under these supervisors 03 ongoing minor research project Faculty and research scholars are relieved to participate in various seminars/ workshops/ conferences/ training programmes and courses Innovation and start-up laboratories are established for student research activities.
2	Have the institute identified the thrust areas for research work in the institutes? If yes, Please mention the areas	YES, Inventory control and Supply chain management Environmental Biotechnology and Waste management Bioremediation Polymer chemistry
3	How does the institute facilitate the project funding, from sources like: (UGC/AICTE/ICSSR/CSIR/DBT/DST etc.)	Faculty are promoted to write projects, which are evaluated by the college R&D cell and IQAC. After approval projects are sent to the concerned organization like GSBTM-DST, GJCOST, UGC etc.. College is registered under PFMS and after getting sanction from the funding agency funds are disbursed as per the guidelines
4	Has the institute handled Inter disciplinary project?	Yes
5	Has the institute worked on student research project?	Yes, Student research projects are an integral part of UG and PG final year. Financial assistance for research is provided to students through SSIP policy. More than 22 prototype developed during last 3 years,




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

6	Has the institute measured the growth in research and development through participation and contributions in International/ National Conferences, Seminars, Symposiums, Workshops, and initiation of academic exchange programs? If yes, give details.	Yes in 2021-22 Faculty has attended and presented papers in 25 conferences/ seminars
7	What type of facilities and incentives are provided to faculty members to manage the research work after getting the funding?	Infrastructural support in the form of laboratories, equipments, computers, Internet and Library Fund for research paper presentation in conferences.

2.11. Social Outreach Programmes

Sl.No.	Description	
1	What are social outreach activities the institute is involved with? Provide details.	Blood donation camps Cleanliness drive Eco restoration activities Plantation activities Gender equity Religious awareness camp Literacy campaign for children in slums and laborers 7 days camp in villages
2	Is there any community/peripheral development programme organised by the institute? If yes, mention details.	Awareness for preventing tobacco chewing and alcohol consumption organized by district administration Participation of students in social surveys and social audits
3	Does the students participate in sports activities (State/National/International)? Provide details.	Yes Students participate in University, state and National level sports events. They get awards and medals also
4	Does the students involve with organizations like NSS/NCC/Red Cross?	Yes, College has 01 NCC Units 01 NSS Units



[Signature]
Principal


P. S. Science & H. D. Patel
Art's College KADI (N.G.)

5	Are the students given training on self-defence, Yoga & Meditation to augment their physical and mental fitness?	Yes students are given training on self defence and Yoga. Special training camps are organized for Yoga, meditations and mental health.
---	--	---

2.12. Monitoring and Evaluation

Sl.No.	Description	
1	Does the present administration, academic and financial system need monitoring and development for flawless implementation?	Yes
2	Does the institute have IQAC cell? If yes, State the major functions of the cell.	Yes college has IQAC IQAC prepares detailed plans for the overall development of the college this includes academic as well as non academic plans IQAC helps in the implementation and betterment of teaching learning, examination and evaluation experiences with in the institutional framework IQAC helps in the planning and implementation of student support services. Participation in institute awards and rankings.
3	Give details of number of meetings held by IQAC for last 3 years.	2019-20.....03 2020-21.....04 2021-22.....04
4	Does the institute conduct the followings: a. Academic Audit b. Energy Audit c. Green Audit d. Financial Audit e. Administrative Audit	Academic Audit.....yes Energy Audit No Green AuditYes Financial Audit..... Yes Administrative Audit.... Yes
5	Mention the audits last done:	Academic Audit Financial Audit Administrative audit Green Audit
6	What type of decision mechanism adopted by the institute(Centralised/Decentralised)	Decentralized




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

7	Does the present system have clarity of control mechanism of the system?	Yes
---	--	-----

2.13. Employment

Sl.No.	Description	
1	What are the most important industries in the geographical area of the institute?	Cera Sanitaryware ltd. Somani Sanitaryware LTd. Corel Pharmachem Kayvee Aeropharm Vivekanada Group of Industries. Pashupati Ginning and Spinning Industry RAJA Ginning and Spinning Industry. Torrent Pharma ICICI, HDFC Bank, LIC and Education sector Acculife Healthcare Pvt.Ltd
2	Which industries employ the most college graduates?	Torrent Pharma Acculife Healthcare Pvt.Ltd Vivekanada Group of Industries Cera Sanitaryware ltd.
3	Which industries provide the best jobs?	Torrent Pharma Vivekanada Group of Industries Cera Sanitaryware ltd.
4	<p>Please give similar details with respect to self-employment (agriculture/manufacturing/service sectors)</p> <p>a. Currently, what jobs are most available in the area?</p> <p>b. What skills do these jobs require?</p> <p>c. Please give similar details with respect to self-employment (agriculture/manufacturing/service sectors)</p>	<p>Agriculture Sector</p> <p>a) Yes, farming Food – processing Agri-business management Agriprenure b) Farm layout and management Organic farming Tissue –culture Food-processing</p>



[Signature]
Principal


P. S. Science & H. D. Patel
Art's College KADI (N.G.)

5	a. What jobs are seeing growth in the area?	Analytical chemists(QC/QA), educators, and jobs in ceramic sector, lathe-machine operator, welder, plumbers,
	b. What will be the jobs of the future?	Analytical chemists(QC/QA), data entry operator, computer operator, analyst, hardware and software updation,
	c. Please give similar details with respect to self-employment (agriculture/manufacturing/services sectors)	Manufacturing sector , beauty and wellness sector, IT-sector
6	a. What specific skills or attributes are local employers seeking in their employees?	Communication and technical skills
	b. What skills do they need, but do not get in local hire?	Communication and technical skills
	c. For self-employment, besides skills, what are the other constraints that youth may face?	Lack of exposure and related informations Communication skills should be enhanced through training
	d. What kind of support do they need?	Skill based trainings, workshops, English language lab, Internships and practice schools

Were conducted to arrive at these needs? (Only mark 'Yes' if the minutes of the findings /proceedings are on record)

- Surveys of students: Yes
- Surveys of local industry: Yes
- Consultation with industry: Yes
- Consultation with students: Yes
- Consultation with other stakeholders (specify): Yes
- Workshop on IDP: Yes




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

2.14. Supporting Students from Disadvantaged Backgrounds

Sl. No.	Describe the particular needs of your female, and Scheduled Caste/Tribe/Other Backward Caste students by answering the following questions:	
1	<p>a. What academic programs are female students currently enrolling in?</p> <p>b. What academic programs are seeing growth in female enrolment?</p>	Agriculture, History, Gujarati, Biotechnology, Chemistry, Mathematics, Physics, Sanskrit, English,
2	What are the employment outcomes for female students after passing out of the institution?	<p>A very small number is working after UG programs.</p> <p>Most of the female students after UG opt for P.G. Programme.</p> <p>Employed female students are mostly working with educational institutes.</p> <p>Entrepreneurship is observed among students' form Agriculture.</p>
3	What is the academic/skill training support that female students may need for improving employability?	<p>Female centric courses like Clinical nutrition and B.Sc -B.Ed. B.A-B.Ed.</p> <p>Special skill based trainings programs - vocational training to girl students through Women Development Cell of the institute.</p> <p>Women entrepreneurship Cell train students for self-employment.</p> <p>Soft-Skill training is provided through finishing School</p>
4	<p>a. What academic programs are Scheduled Caste/Tribe students currently enrolling in?</p> <p>b. What academic programs are seeing growth in Scheduled Caste/Tribe enrolment?</p>	Agriculture, History, Gujarati, Biotechnology, Chemistry, Mathematics, Physics, Sanskrit, English
5	What are the employment outcomes for Scheduled Caste/Tribe after passing out of the institution?	<p>A very small number is working after UG Programs.</p> <p>Most of the SC/ST students after UG opt for P.G. Programme.</p> <p>Employed students are mostly working with educational institutes.</p> <p>Entrepreneurship is observed among students' form Agriculture.</p>




 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

6	What is the academic/skill training support that SC/ST students may need for improving employability?	Special skill based trainings programs - vocational training to SC/ST students through vocational Cell of the institute. entrepreneurship development Cell train students for self-employment. Soft-Skill training is provided through finishing School
7	a. What academic programs are differently-abled students currently enrolling in? b. What academic programs are differently-abled students seeing growth in enrolment?	B.A History
8	What are the employment outcomes for differently-abled students after passing out of the institution?	Educational Institutes, public sectors
9	What is the academic/skill training support that differently-abled students may need for improving employability?	Communication skills, software skills, multimedia trainings




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

FINANCIAL REPORTS

A. Total Income				
Sl No.	Category/Head	FY 2022-23	FY 2021-22	FY 2020-2021
		(budgeted)	(actual)	(actual)
Grants: National				
1	UGC	~	5601188.00	~
2	Distance Education Council	Nil	Nil	Nil
3	Other Central Govt. Departments	Nil	Nil	Nil
Other Grants				
4	Grants received from state government	57142806.00	54960527.00	53420957.00
5	Grants received from local bodies	27000.00	3400000.00	8300000.00
6	Donation	25000.00	52800.00	342450.00
7	Tuition fees	5490000.00	5596300.00	5362700.00
8	Other fees	5000000.00	6445699.00	5717703.00
9	Interests	Included in fees		
10	Sale of Application forms	151800.00	210300.00	107900.00
11	Other	50,00,00.00	4623218.00	~
B. Total Expenditure				
Sl No.	Category/Head	FY 2022-23	FY 2021-22	FY 2020-2021
		(budgeted)	(actual)	(actual)
1	Salary, Allowance and Retirement benefits	6,80,00,000.00	6,73,77,575.00	6,79,27,701.00
2	Buildings (Construction and Maintenance)	50,00,000.00	45,04,171.89	1,17,48,526.79
3	Library and Laboratory	20,00,000.00	25,63,897.00	11,49,965.00
4	Scholarships	25,00,000.00	31,50,195.00	57,73,825.00
5	Grants to College	2,68,000.00	2,72,788.00	4,28,550.00
6	R & D	4,43,943.00	9,55,169.00	13,49,579.00
7	Sports	2,02,500.00	1,36,271.00	86,630.00
8	Other Expenses	1,00,000.00	50,400.00	9,650.00
9	Accounts (Audit) Status, whether audited? (Yes/No) If yes, by Local Fund/CA	Yes	Yes	Yes





 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goals for Next 5 Years


- **Academic Infrastructural Augmentation.**
 - a. Construction of seminar room
 - b. Healthcare center development
 - c. Examination center establishment
 - d. Upgradation of classroom- develop smart classroom facility
 - e. Arrangement of Furniture for office and class room
 - f. Modernization and Strengthening of laboratories
 - g. Establishment of Recording studio facility
- **Implementation of Good Governance through upgradation of E-Governance System.**
 - a. ERP facility upgradation
 - b. Provision of high speed internet facility
- **Enhancing Excellence in research through establishment of Advanced Research facilities at college.**
 - a. Establishment of Central Instrumentation facility for students' research, training and placement
 - b. Enhancement of research and consultancy activities:
 - c. Purchase of advanced and sophisticated equipment
 - d. Collaborative and Multidisciplinary research
- **To start Skill Centre at the institute**
 - a. Introduction of certificate and value added vocational courses
 - b. Introduction of new skill based programs at undergraduate level
- **Eco restoration and green practices in the college premises**
 - a. Installation of Renewable energy resources in institute premises.
 - b. Inclusion of Green practices in the college
 - c. Clean and green energy friendly canteen (Expansion of canteen facility)
 - d. Establishment of bore-well recharge facility
 - e. Enhancing Parking facility




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

- f. Landscape gardening upgradation in campus premises.
- **Academic upgradation**
 - a. Introduction of new programs at Under-graduate and Post-graduate level
 - b. To conduct academic, Administrative and Professional training for faculty
- **Establishment of Capacity Building Cell for Soft-skill development**
 - a. Language laboratory establishment
 - b. Training center for competitive examination
 - c. Establish training center for NET/SLET examination
- **Achieving excellence in sports and cultural activities by creating student activity center**
 - a. Construction of Student-club activity room
 - b. Construction of amphitheater
 - c. Construction of Swimming pool in campus.
 - d. Establishment of Yoga and meditation Centre
 - e. Indoor and outdoor rifle and pistol shooting range
 - f. Upgradation of Gym facility
 - g. Centre for performing arts and theatre




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Alignment of Goals with NEP 2020

Sr.No	Goal	Alignment with NEP 2020
1	Academic Infrastructural Augmentation. <ul style="list-style-type: none"> a. Construction of seminar room b. Healthcare center development c. Examination center establishment d. Upgradation of classroom- develop smart classroom facility e. Arrangement of Furniture for office and class rooms h. Modernization and Strengthening of laboratories f. Establishment of Recording studio facility 	Ensuring equitable use of technology, Optimal learning environment and support for students.
2	Implementation of Good Governance through upgradation of E-Governance System. <ul style="list-style-type: none"> g. ERP facility upgradation h. Provision of high speed internet facility 	Technology use and integration
3	<ul style="list-style-type: none"> • Enhancing Excellence in research through establishment of Advanced Research facilities at college. <ul style="list-style-type: none"> a. Establishment of Central Instrumentation facility for students' research, training and placement b. Enhancement of research and consultancy activities: c. Purchase of advanced and sophisticated equipment d. Collaborative and Multidisciplinary research 	Catalyzing quality academic research in all fields through a new National Research Foundation (NRF)
4	<ul style="list-style-type: none"> • To start Skill Centre at the institute <ul style="list-style-type: none"> a. Introduction of certificate and value added vocational courses b. Introduction of new skill based programs at undergraduate level 	Re-imaging vocational education and towards more holistic and multidisciplinary education.
5	<ul style="list-style-type: none"> • Eco restoration and green practices in the college premises <ul style="list-style-type: none"> a. Installation of Renewable energy resources in institute premises. b. Inclusion of Green practices in the college c. Clean and green energy friendly canteen 	Life-long learning, environmental education, more holistic and inclusion in higher education.




 Principal

P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

	<p>(Expansion of canteen facility)</p> <p>d. Establishment of bore-well recharge facility</p> <p>e. Upgradation of Parking facility</p> <p>f. Landscape gardening upgradation in campus premises.</p>	
6	<ul style="list-style-type: none"> Academic upgradation <ul style="list-style-type: none"> a. Introduction of new programs at Under-graduate and Post-graduate level b. To conduct academic, Administrative and Professional training for faculty 	Multi-disciplinary education, motivated energized and capable faculties.
7	<ul style="list-style-type: none"> Establishment of Capacity Building Cell for Soft-skill development <ul style="list-style-type: none"> a. Language laboratory establishment b. Training center for competitive examination c. Establish training center for NET/SLET examination 	Optimal learning environment and support for students, equity and inclusion in Higher Education, Promotion of Indian Languages and Arts .
8	<ul style="list-style-type: none"> Achieving excellence in sports and cultural activities by creating student activity center <ul style="list-style-type: none"> a. Construction of Student-club activity room b. Construction of amphitheater c. Construction of Swimming pool in campus. d. Establishment of Yoga and meditation Centre e. Indoor and outdoor rifle and pistol shooting range f. Upgradation of Gym facility g. Centre for performing arts and theatre 	Equity and inclusion in Higher Education. Promotion and Arts and Culture.



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Detailed Description of Goals

Goal 1: Academic Infrastructural Augmentation.

Description

Extension work in existing building for development of smart classroom facility in the currently available construction of seminar room, classrooms upgradation, health center, examination center. Arrangement of furniture in office, classrooms and newly constructed seminar halls. Establishment of recording room facilities.

Milestones(Sub-goals)

- a) Augmentation of seminar hall
- b) Healthcare center development
- c) Examination center establishment
- d) Upgradation of classroom- develop smart classroom facility
- e) Arrangement of Furniture in office and class room
- f) Modernization and strengthening of Laboratories
- g) Establishment of Recording studio facility

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund will be made available by Govt. for the benefit of students at large.

Activities required to achieve milestones

Description	Estimated Cost	Start Date	EndDate
Augmentation of seminar hall			
Augmentation of seminar hall (2500 @sq. feet) Stage :	Stage :2,00,000/- Color: 1,00,000/- False ceiling: 2,00,000/- 150 chairs @ 5000/- = 7,50,000/- LED Screen (100 inch) : 3,50,000/- Total: 16,00,000/-	July 2023	Dec 2024




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Healthcare center development			
Construction of healthcare center	15,00,000/-	July 2024	Dec 2024
Equipment's purchase for healthcare center	5,00,000/-	Dec 2024	March 2025
Examination center establishment			
Augmentation of exam center	10,00,000/-	June 2024	Dec 2024
Furniture			
Partitioning			
Reprographic and printing unit	5,00,000/-	Dec 2024	March 2024
Strong room – security equipment	2,00,000/-	Dec 2024	March 2024
Upgradation of classroom- develop smart classroom facility			
Installation of interactive panel in each classroom and seminar hall (80 inch) with inbuilt computer system (25 classrooms @Rs.2,00,000/- for each classroom)	50,00,000/-	Dec 2023	March 2023
Lan establishment for internet connectivity in each classroom	5,00,000/-	Dec 2023	March 2023
Arrangement of Furniture for Office and class rooms			
Furniture cost	10,00,000/-	June 2024	Dec 24
Modernization and strengthening of Laboratories			
Re-construction of Practical tables, Flooring,	1,00,00,000/-		
Installation of Safety precautions.			
Furniture and consumables for laboratories	Ra. 20,00,000/- for each year.		
Establishment of Recording studio facility			
Recording studio facility development	5,00,000/-	June 2025	Sep 2025




 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1. Construction of seminar room (50000 @sq. feet new construction)	0%	100%
Activity 2. Construction of healthcare center	0%	100%
Activity 3. Equipment's purchase for healthcare center	0%	100%
Activity 4. Construction for exam center	0%	100%
Activity 5: Reprographic and printing unit	0%	100%
Activity 6: Strong room – security equipment	0%	100%
Activity 7: Installation of interactive panel in each classroom and seminar hall (80 inch) with inbuilt computer system	0%	100%
Activity 8: LAN establishment for internet connectivity in each classroom	20%	80%
Activity 9: Furniture cost for office and classroom	10%	90%
Activity 10: Modernization and strengthening of Laboratories	30%	70%
Activity 11: Recording studio facility development	10%	90%

Financial Outlay Goal 1

Milestone	Financial outlay
1. Augmentation of seminar hall	16,00,000/-
2. Healthcare center development	20,00,000/-
3. Examination center establishment	17,00,000/-
4. Upgradation of classroom- develop smart classroom facility	55,00,000/-
5. Arrangement of Furniture for class room, laboratory and for newly constructed seminar room	10,00,000/-
6. Modernization and strengthening of Laboratories	1,00,00,000/-
7. Establishment of Recording studio facility	5,00,000/-
Total	2,23,00,000/-




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Year wise breakup for Financial outlay

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Augmentation of seminar hall	8,00,000/-	8,00,000/-				16,00,000/-
Healthcare center development	-	20,00,000/-				20,00,000/-
Examination center establishment	17,00,000/-					17,00,000/-
Upgradation of classroom- develop smart classroom facility	25,00,000/-	30,00,000/-				55,00,000/-
Arrangement of Furniture for office , class room	-----	10,00,000/-	-----	-----	-----	10,00,000/-
Modernization and strengthening of Laboratories	20,00,000/-	20,00,000/-	20,00,000/-	20,00,000/-	20,00,000/-	1,00,00,000/-
Establishment of Recording studio facility	-----	-----	5,00,000/-	-----	-----	5,00,000/-
Total	70,00,000/-	88,00,000/-	25,00,000/-	20,00,000/-	20,00,000/-	2,23,00,000/-




 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goal 2 : Implementation of Good Governance through upgradation of E-Governance System.

Description

Upgradation of ERP system for the smooth and effective functioning of the institute. Implementation of ERP with features of online attendance, seminars, provision of study material, unit tests, practice session, mid-term online examination features, research, training, time-table etc. ERP for effective paperless communications among faculties to faculties, admin to faculties and faculties to students.

Milestones(Sub-goals)

1. ERP facility upgradation
2. Provision of high speed internet facility

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund will be made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones

S.No.	Description	Estimate Cost (Rs.)	Start Date	EndDate
1	Development of ERP system with customized features in collaboration with IT agency	25,00,000/- (Rs.5,00,000/- per year)	July 2023	Yearly renewal
2	Domain registration and its yearly renewal	50,000/-	July 2023	August 2023
3	Workstation for establishment of server for data collection and storage	2,00,000/-	July 2023	August 2023
4.	Provision of high speed internet facility	2,00,000/- per year	July 2023	Yearly renewal



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1 Development of ERP system with customized features in collaboration with IT agency	15%	85%
Activity 2. Domain registration and its yearly renewal	10%	90%
Activity 3. Workstation for establishment of server for data collection and storage	0%	100%
Activity 4. Provision of high speed internet facility	40%	60%

Financial Outlay Goal 2

Milestone	Financial outlay
ERP facility upgradation	27,50,000/-
Provision of high speed internet facility	10,00,000/-
Total	37,50,000/-

Year wise breakup for Financial outlay

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
ERP facility upgradation	7,50,000/-	5,00,000/-	5,00,000/-	5,00,000/-	5,00,000/-	27,50,000/-
Provision of high speed internet facility	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	10,00,000/-
Total	9,50,000/-	7,00,000/-	7,00,000/-	7,00,000/-	7,00,000/-	37,50,000/-



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Goal 3 : Enhancing Excellence in research through establishment of Advanced Research facilities at college.

Description

Arrangement for research laboratory facility, procurement of sophisticated industrial equipment for students' training. Subscription of more research journals in institute library. Provision of support of consumables for science research.

Milestones(Sub-goals)

1. Establishment of Central Instrumentation facility for students' research, training and placement
2. Purchase of advanced and sophisticated research equipment
3. Enhancement of research and consultancy activities:
4. Collaborative and Multidisciplinary research

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund will be made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Establishment of Central Instrumentation facility for students' research, training and placement			
(a)	Construction of central instrumentation laboratory (area : 50 * 50 sq ft)	25,00,000/-	July 2023	Nov. 2023
(b)	Furniture , sectioning for each equipment area	5,00,000/-	No. 2023	Jan 2024
2	Purchase of advanced and sophisticated research equipment			
(c)	Purchase of equipment, : UPLC, GC, PCR, RT-PCR, Gel-doc system, Electrophoresis unit	2,50,00,000/-	Jan 2024	May 2024
3	Enhancement of research and consultancy activities:			
(a)	Consumables for research work	Rs. 16,00,000/- Rs.4,00,000/- per year (for four		



[Signature]
Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

		years)
(b)	AMC for maintenance of research equipment	Rs. 8,00,000/- Rs.2,00,000/- per year (for four years)
4	Collaborative and Multidisciplinary research	
(a)	Organization of FDP to promote faculties for collaborative research and submission to research proposals to various state and national level funding agencies	Rs. 10,00,000/- 2,00,000/- per year year (for five years)

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1 A of central instrumentation laboratory	20%	80%
Activity 2. Furniture , sectioning for each equipment area	10%	90%
Activity 3. Purchase of equipments	10%	90%
Activity 4. Consumables for research work	10%	90%
Activity 5 AMC for maintenance of research equipment	0%	100%



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)


Financial Outlay Goal 3

Milestone	Financial outlay
Establishment of Central Instrumentation facility for students' research, training and placement	30,00,000/-
Purchase of advanced and sophisticated research equipment	2,50,00,000/-
Enhancement of research and consultancy activities:	24,00,000/-
Collaborative and Multidisciplinary research	10,00,000/-
Total	3,14,00,000/-

Year wise breakup for Financial outlay : Goal 3

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Establishment of Central Instrumentation facility for students' research, training and placement	30,00,000/-					30,00,000/-
Purchase of advanced and sophisticated research equipment	2,50,00,000/-					2,50,00,000/-
Enhancement of research and consultancy activities:		6,00,000/-	6,00,000/-	6,00,000/-	6,00,000/-	24,00,000/-
Collaborative and Multidisciplinary research	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	10,00,000/-
Total	2,82,00,000/-	8,00,000/-	8,00,000/-	8,00,000/-	8,00,000/-	3,14,00,000/-




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goal 4: To start Skill Centre at the institute

Description

Establishment of skill center for providing vocational training to the students via short term certificate and value added courses.

Milestones(Sub-goals)

a. Introduction of certificate and value added skill based vocational courses

Why do you think this goal is achievable?

Short term skill based programs are very helpful for students even for employment aspects also. We are optimistic that fund will be made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones

S.No.	Description	Estimated Cost	Start Date	End Date
1	Introduction of certificate and value added skill based vocational courses Introduction of skill based certificate courses like 1. Welding 2. Plumbing 3. Fashion- designing 4. Beauty and wellness 5. Food-Processing 6. Maintenance of home equipment 7. Agriculture practices			
(a)	Curriculum design for skill based programs via industry-academia meet	3,00,000/-	July 2023	Nov. 2023
(b)	Development of infrastructure -lab	10,00,000/-	No. 2023	Jan 2024
(c)	Purchase of equipment, : sewing machines, computers, mechanical machines etc	25,00,000	Jan 2024	March 2024
(d)	Consumables skill based programs	20,00,000/- (Rs.4,00,000/- per year for five years)		




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

--	--	--

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1 Curriculum design for skill based programs via industry-academia meet	50%	50%
Activity 2. Development of infrastructure –lab	50%	50%
Activity 3. Purchase of equipment, : sewing machines, computers, mechanical machines etc	40%	60%
Activity 4. Consumables skill based programs	0%	100%

Financial Outlay Goal 4

Milestone	Financial outlay
Introduction of certificate and value added skill based vocational courses	58,00,000/-
Total	58,00,000/-

Year wise breakup for Financial outlay: Goal 4

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Introduction of certificate and value added skill based vocational courses	Rs.42,00,000/-	Rs.4,00,000/-	Rs.4,00,000/-	Rs.4,00,000/-	Rs.4,00,000/-	Rs.58,00,000/-




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goal 5: Eco restoration and green practices in the college premises

Description

The college spreads across a 42-acre land and also need to focus on green energy and reduce dependency on traditional energy sources. the carbon emission needsto be analysed. The paper waste generated in the college and the solid waste needs to be harnessed through different techniques for the betterment of the college. The college have 3 garden including medicinal garden so garden beatification and landscaping is proposed .

Milestones(Sub-goals)

- Installation of Renewable energy resources in institute premises.
- Inclusion of Green practices in the college
- Installation of paper recycling plant
- Clean and green energy friendly canteen (Expansion of canteen facility)
- Establishment of bore-well recharge facility
- Enhancing Parking facility
- Landscape gardening upgradation in campus premises.

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund willbe made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost (Rs.)	Start Date	End Date
1	Installation of Renewable energy resources in institute premises.			
(a)	Maximum utilization of Non-conventional sources Of Energy (solar Energy) Off grid/ On grid solar plant	20,00,000/- For 20 KWatt2	July 2023	Nov. 2023
2	Inclusion of Green practices in the college			
(a)	Green Audit of the college including Energy Audit and safety audits	10,00,000/- (2,00,000/- per year)		




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

3	Installation of paper recycling plant			
(a)	Paper recycling plant (Employment generation) Plant set up(in technical collaboration with EPCO, MP . Marketing and distribution by recognised student groups preferably run by female students Machinery set up Bleaching and pressing Drying and rolling Cutting and packing	20,00,000/-	June 2024	Oct 2024
4	Clean and green energy friendly canteen (Expansion of canteen facility)			
(a)	Expansion of canteen area 500 sq. feet	6,00,000/-	July 2023	Oct 2023
(b)	Off grid solar power system for canteen	10,00,000/-	July 2023	Oct 2023
(c)	Bio methanisation plant for canteen	5,00,000/-	July 2023	Oct 2023
(d)	Furniture for canteen	4,00,000/-	July 2023	Oct 2023
(e)	RO System for canteen	1,00,000/-	July 2023	Oct 2023
5	Establishment of bore-well recharge facility			
(a)	Rain water harvesting through bore-well recharge facility ,	10,00,000/-	July 2023	Oct 2023
6	Enhancing Parking Facility			
(a)	Shed- Construction in parking areas	10,00,000/-		
7	Landscape gardening upgradation in campus premises.			
(a)	Landscape gardening and its maintenance	5,00,000/- (1,00,000/- per year)		




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1: Maximum utilization of Non-conventionalsources Of Energy (solar Energy) Off grid/ On grid solar plant	0%	100%
Activity 2: Green Audit of the college including Energy Audit and safety audits	0%	100%
Activity 3: Paper recycling plant (Employment generation) Plant set up(in technical collaboration with EPCO, MP . Marketing and distribution by recognised student groups preferably run by femalestudents Machinery set up Bleaching and pressing Drying and rolling Cutting and packing	0%	100%
Activity 4: Expansion of canteen area 900 sq. feet	50%	50%
Activity 5: Off grid solar power system for canteen	0%	100%
Activity 6: Bio methanisation plant for canteen	0%	100%
Activity 7: Furniture for canteen	0%	100%
Activity 8: RO System for canteen	0%	100%
Activity 9: Rain water harvesting through bore-well recharge facility ,	0%	100%
Activitye10: Construction of Shed in parking areas	0%	100%
Activity 11: Landscape gardening and its maintenance	50%	50%



(Signature)
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Financial Outlay Goal 5

Milestone	Financial outlay
Installation of Renewable energy resources in institute premises.	20,00,000/-
Inclusion of Green practices in the college	10,00,000/-
Installation of paper recycling plant	20,00,000/-
Clean and green energy friendly canteen (Expansion of canteen facility)	26,00,000/-
Establishment of bore-well recharge facility	10,00,000/-
Enhancing Parking Facility	10,00,000/-
Landscape gardening upgradation in campus premises.	5,00,000/-
Total	1,01,00,000/-

Year wise breakup for Financial outlay: Goal 5

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Installation of Renewable energy resources in institute premises.	20,00,000/-					20,00,000/-
Inclusion of Green practices in the college	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	10,00,000/-
Installation of paper recycling plant		20,00,000/-				20,00,000/-
Clean and green energy friendly canteen (Expansion of canteen facility)	26,00,000/-					26,00,000/-
Establishment of bore-well recharge facility	10,00,000/-					10,00,000/-
Enhancing Parking Facility	10,00,000/-					10,00,000/-
Landscape gardening upgradation in campus premises.	1,00,000/-	1,00,000/-	1,00,000/-	1,00,000/-	1,00,000/-	5,00,000/-
Total	Rs. 69,00,000/-	Rs. 23,00,000/-	Rs. 3,00,000/-	Rs. 3,00,000/-	Rs. 3,00,000/-	Rs. 101,00,000/-




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goal 6: Academic upgradation

Description:

Upgradation of academic activities by starting new programs at UG as well as PG level. Strengthening academic via professional, academic and administrative training programs for faculty training as well as students leaning enhancement through various subject club activities .

Milestones(Sub-goals)

- Learning academic framework through subject club activities
- Introduction of new programs at Under-graduate and Post-graduate level
- To conduct academic, Administrative and Professional training for faculty members (FDP)

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund will be made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost (Rs.)	Start Date	End Date
1	Learning academic framework through subject club activities			
(a)	Organization of various activities under student subjective club (10 departments)	10,00,000/- 2 lakh per year: 20,000/- per one subject club activity per year	July 2023	Nov. 2023
2	Introduction of new programs at Under-graduate and Post-graduate level			
(a)	Introduction of IT, Hospitality and Commerce programs at Undergraduate and post-graduate level after aquatinting Autonomous status Introduction of Biotechnology, Microbiology at Post-Graduate level	60,00,000/- 20,00,000/- per year for first three years		
3	To conduct academic, Administrative and Professional training for faculty members			
(a)	Organization of Training programs, FDP for faculties	25,00,000/- (5,00,000/- each year)	June 2024	Oct 2024




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1: Organization of various activities under student subjective club (10 departments)	50%	50%
Activity 2: Introduction of IT, Hospitality and Commerce programs at Undergraduate and post-graduate level after aquatinting Autonomous status Introduction of Biotechnology, Microbiology at Post-Graduate level	25%	75%
Activity 3: Organization of Training programs, FDP for faculties	50%	50%

Financial Outlay Goal 6

Milestone	Financial outlay
Organization of various activities under student subjective club	10,00,000/-
Introduction of new programs at Under-graduate and Post-graduate level	60,00,000/-
To conduct academic, Administrative and Professional training for faculty members	25,00,000/-
Total	95,00,000/-

Year wise breakup for Financial outlay: Goal 6

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Organization of various activities under student subjective club	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	2,00,000/-	10,00,000/-
Introduction of new programs at Under-graduate and Post-graduate level	20,00,000/-	20,00,000/-	20,00,000/-			60,00,000/-
To conduct academic, Administrative and Professional training for faculty members	5,00,000/-	5,00,000/-	5,00,000/-	5,00,000/-	5,00,000/-	25,00,000/-
Total	27,00,000/-	27,00,000/-	27,00,000/-	7,00,000/-	7,00,000/-	95,00,000/-




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goal 7: Establishment of Capacity Building Cell for Soft-skill development

Description

The main aim is to establish center for student's capacity building programs including establishment of language lab for soft-skill training, training center for guidance for competitive examination.

Milestones(Sub-goals)

- Language laboratory establishment
- Training center for competitive examination

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund will be made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Language laboratory establishment			
(a)	Language Lab Installation with 1 master computer 25 computers windows 10 Ac Interactive touch display Home theatre sound system Furniture Acoustics & False ceiling work: Electrification:	Rs. 30,00,000/-	July 2023	Nov. 2023
2	Training center for competitive examination			
(a)	Recurring expanse	10,00,000/-		
		2,00,000/- per year for five years		
(b)	Reference Books and Journals	50,00,000/-		
		10,00,000/- per year for five years		



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1: Language lab establishment	25%	75%
Activity 2: Training center for competitive examination	25%	75%


Financial Outlay Goal 7

Milestone	Financial outlay
Language laboratory establishment	30,00,000/-
Training center for competitive examination	60,00,000/-
Total	90,00,000/-

Year wise breakup for Financial outlay: Goal 7

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Language laboratory establishment	30,00,000/-					30,00,000/-
Training center for competitive examination	12,00,000/-	12,00,000/-	12,00,000/-	12,00,000/-	12,00,000/-	60,00,000/-
Total	Rs.42,00,000/-	Rs.12,00,000/-	Rs.12,00,000/-	Rs.12,00,000/-	Rs.12,00,000/-	Rs.90,00,000/-




 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Goal 8: Achieving excellence in sports and cultural activities by creating student activity center

Description

The college spreads across a 42-acre land and also need to focus on green energy and reduce dependency on traditional energy sources. the carbon emission needsto be analysed. The paper waste generated in the college and the solid waste needs to be harnessed through different techniques for the betterment of the college. The college have 3 garden including medicinal garden so garden beatification and landscaping is proposed .

Milestones(Sub-goals)

- a. Construction of amphitheater
- b. Construction of Swimming pool in campus.
- c. Establishment of Yoga and meditation Centre
- d. Indoor and outdoor rifle and pistol shooting range
- e. Upgradation of Gym facility
- f. Centre for performing arts and theatre

Why do you think this goal is achievable?

Because it has been asked to do the preliminary work in this regard and we are optimistic that fund willbe made available by Govt. for the benefit of students at large.

Activities required to achieve these milestones				
S.No.	Description	Estimated Cost	Start Date	End Date
1	Construction of amphitheater			
(a)	Construction of amphitheater	75,00,000/-	July 2024	Nov. 2024
2	Construction of Swimming pool in campus.			



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

(a)	Construction of Swimming pool size 48ft x24ft	2,00,00,000/-	July 2024	Nov. 2024
3	Establishment of Yoga and meditation Centre			
(f)	Developing yoga and meditation centre	5,00,000/-	Jan 2024	March 2024
(g)	Equipment for yoga	1,00,000/-	March 2024	April 2024
4	Indoor and outdoor rifle and pistol shooting range			
(a)	Construction of the shooting range	10,00,000/-	July 2023	Oct 2023
(h)	Shooting equipment purchasing	7,00,000/-	July 2023	Oct 2023
5	Upgradation of Gym facility			
(a)	Gym equipment purchasing	7,00,000/-	July 2023	Oct 2023
6	Centre for performing arts and theatre			
(a)	Centre for performing arts and theatre	10,00,000/-	July 2023	Oct 2023

Resources required for the above activities	Resources available for the above activities	Resource Gap
Activity 1: Construction of amphitheater	0%	100%
Activity 2: Construction of Swimming pool size 48ft x24ft	0%	100%
Activity 3: Establishment of Yoga and meditation Centre; purchasing Equipment for yoga	20%	80%
Activity 4: Construction of the shooting range; purchasing Shooting equipments	20%	80%
Activity 5: Gym equipment purchasing	50%	50%
Activity 6: Centre for performing arts and theatre	0%	100%




 Principal
 P. S. Science & H. D. Patel
 Art's College KADI (N.G.)

Financial Outlay Goal 8

Milestone	Financial outlay
Construction of amphitheater	75,00,000/-
Construction of Swimming pool in campus.	2,00,00,000/-
Establishment of Yoga and meditation Centre	6,00,000/-
Indoor and outdoor rifle and pistol shooting range	17,00,000/-
Upgradation of Gym facility	7,00,000/-
Centre for performing arts and theatre	10,00,000/-
Total	3,15,00,000/-

Year wise breakup for Financial outlay: Goal 8

Milestone	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Construction of amphitheater		75,00,000/-				75,00,000/-
Construction of Swimming pool in campus.		2,00,00,000/-				2,00,00,000/-
Establishment of Yoga and meditation Centre	6,00,000/-					6,00,000/-
Indoor and outdoor rifle and pistol shooting range	17,00,000/-					17,00,000/-
Upgradation of Gym facility	7,00,000/-					7,00,000/-
Centre for performing arts and theatre	10,00,000/-					10,00,000/-
Total	Rs. 40,00,000/-	Rs. 2,75,00,000/-				Rs. 3,15,00,000/-



[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Total Budget Proposed (Rs. In lakhs):

Goal	Year1	Year 2	Year 3	Year 4	Year 5	Total
Goal 1: Academic Infrastructural Augmentation.	70	88	25	20	20	223
Goal 2: Implementation of Good Governance through upgradation of E-Governance System.	9.5	7	7	7	7	37.5
Goal 3: Enhancing Excellence in research	282	8	8	8	8	314
Goal 4: To start Skill Centre at the institute	42	4	4	4	4	58
Goal 5: Eco restoration and green practices in the college premises	69	23	3	3	3	101
Goal 6: Academic upgradation	27	27	27	7	7	95
Goal 7: Establishment of Capacity Building Cell for Soft-skill development	42	12	12	12	12	90
Goal 8: Achieving excellence in sports and cultural activities by creating student activity center	40	275	---	---	---	315
Total	581.5	444	86	61	61	1233.5



(Total Proposed Budget: Twelve Crore thirty three lac fifty thousand only)

[Signature]
Principal

P. S. Science & H. D. Patel
Art's College KADI (N.G.)

SWOC Analysis

Institutional Strength

- 100 years old Philanthropic Trust with rich educational heritage
- Commitment to industry need-based and value based education
- Vocational UG - PG Degree, Advance Diploma and Diploma Programs with high rate employability through DDU KAUSHAL Kendra
- More than 35 Academic-Industrial MoUs for curriculum design, training, evaluation and placement.
- SSIP for entrepreneurship aptitude development
- Finishing School and SCOPE for Soft skill development
- Soil Health Card Project by Govt. of Gujarat to promote Earning with Learning and Learning with Earning
- More than 65% teachers are Ph.D. holders, 20% teachers Ph.D. supervisors and have plethora of publication, presentations and books.
- 54 % teachers are members of university statutory bodies
- Rich Scholarship and Free-ship schemes from the Trust and the College
- Transparent and efficient Administration.
- State-of-the-art infrastructure with science labs, Computer Centre, Language Lab, Central Research lab, Advanced Plant Tissue culture lab and Workshops for Vocational programs 22 ICT based Classrooms including 4 smart classrooms, 4 Seminar Halls Access to College library advance facilities from 7:30 a.m. to 10:30 p.m. and online access 24X7
- Wi-Fi Campus with 100 mbps Internet Connectivity to all teachers and students
- separate Boys – Girls Hostel Campus Health Centre Separate Boys – Girls Gymnasium Secure and Safe environment on campus through more than 1400 CCTV surveillance and 23 security guards
- A robust Mentor –mentee system
- Students' representation in college Committees/Sapta-Dhara/Department Club/ NSS/ NCC/ SNC/UBA/SBSI activities to raise Human Value and Ethic
- WDC and WEC organizes activities to strengthen women's self-reliance and entrepreneurship aptitude
- An active IQAC since 2007 and regular quarterly meetings with 3 departmental presentations for healthy academic competition
- Active Anti-ragging/ICC/ST/SC/OBC/Minority/Grievances Redressal and WDC Cells provide a gender, caste, creed and religion bias free environment
- Healthy Feedback analysis system
- Active support of the Alumni Association




Principal
P. S. Science & H. D. Patel
Art's College KADI (N.G.)

Institutional Weakness

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

Institutional Opportunity

- Upgrade to Centre of Excellence
- Inter disciplinary research and innovation
- Patent generation and Consultancy
- Attract various research projects to help industry and society with creation of knowledge More innovation and participative – collaborative learning methods through available enormous ICTbased infrastructure
- Active Alumni participation and introduction of international chapters
- Scope for establishing collaborations with national and international level institutions. Potential to use more e-learning facilities.
- Research extension and publication opportunities
- Opportunity to start multidisciplinary programs

Institutional Challenge

- To utilize the full potential of Alumni for student-centric educational progression
- To develop Faculty-Exchange, Student-Exchange and Resource Sharing programs with internationally reputed institutes.
- To inspire PG students towards research centric learning, publication and competitive exams
- To develop an entrepreneurial hub for cultivation and endorsement of entrepreneurship among the students



A handwritten signature in blue ink, appearing to be "P. S. Science & H. D. Patel".

P. S. Science & H. D. Patel
Art's College KADI (N.G.)