

**UTTAR-PURVA GUJARAT UCHCHA KELAVANI MANDAL, PILVAI
MANAGED**

*Shri U P Arts, Smt M G Panchal Science
& Shri V L Shah Commerce College,
PILVAI*

*Affiliated to Hemchandracharya North Gujarat University,
PATAN*

RE-ACREDITATION REPORT

Submitted to NAAC - 2013



PILVAI, Ta. Vijapur, Dist. Mehsana (North Gujarat)

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*SHRI UP ARTS, SMT MG PANCHAL SCIENCE &
SHRI VL SHAH COMMERCE COLLEGE, PILVAI*

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DR C A PATEL

Preface

Shri U.P. Arts, Smt. M.G.Panchal Science and Shri V.L.Shah Commerce College, Pilvai, managed by Uttar Purva Uchcha Kelavani Mandal, has spent 50 years of its esteemed existence. This institution, begun in 1960 in rural area, fulfilling its mission and vision has fortified a number of youths with higher education.

NAAC has accredited our institution at **B level (72.7%)** on dt. 31/03/2007. During the Post Accreditation Period, the status of **College with Potential for Excellence(CPE)** has been awarded by the UGC. It is our pleasure to submit the re-accreditation report (RAR) of our institution to the National Assessment & Accreditation council (NAAC), Bangalore for Re-accreditation (Cycle 2), an opportunity for us to review the changes and progress after the first accreditation. After the first accreditation, we have better understanding of our strength and weaknesses. Our Internal Quality Assurance Cell implemented diversified activities to address the various quality related issues during the post Accreditation period. The institution has always planned to implement multi dimensional activities to enhance and enrich our academic practices to achieve our objectives and mission. The Institution complied with almost every recommendation made by the Peer Team at the time of accreditation in 2007 in a planned manner. We are trying hard to achieve the zenith of excellence in the field of education by improvising our innate qualities, acquiring new skills, implementing new innovative ideas, techniques.

This report is the synergic outcome of hard work put forth by all the individuals of our institution. It is rather difficult to quote the contribution of each and every individuals of the College. I appreciate all the individuals for investing their time, energy and initiatives to produce this significant document. I with my all team met strongly believes that our integrated efforts and positive approach will lead us towards our ultimate destination.

I hope and believe that the NAAC TEAM will also appraise and justify our sincere Endeavour.

Place: PILVAI

Date: 31/03/2013

Principal

Dr Sanjay S Shah

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Executive Summary

It is not exaggeration to say that Pilvai is a renowned place of learning not only in Mehsana district but also in the whole region of North Gujarat. The institute, **Shri U. P. Arts, M. G. Panchal Science and Shri V.L.Shah Commerce College, Pilvai** was started by **Uttar-Purva Gujarat Uchcha Kelvani Mandal, Pilvai** in 1960 by donors truly devoted to the aim of education with a view to imparting higher education to brilliant but economically poor students belonging to rural area. This college is only one tri-faculty(Arts-Science-Commerce) college of the University. Ever since its establishment, the institution is benefited with sighted Managing Authorities and enthusiastic Principals. NAAC has accredited our institution at **B level (72.7%)** on dt. 31/03/2007. During the post Accreditation period, the status of **Colleges with Potential for Excellence (CPE)** has been awarded by the UGC.

The institution has spent 50 years of its esteemed existence. This institution is fulfilling its mission and vision and has fortified a number of youths with higher education. Three generations of people of this area have acquired higher education through this institution. In this smooth and successful completion of 50 years, a great contribution of local society has remained notable. And in order to show the gratitude for the same, the college decided to celebrate **“Swarnim Mahotsav” (Golden Jubilee Celebration)**. Moreover, the aim of such a grand celebration was also to cherish relations.

CRITERION I : CURRICULAR ASPECTS

The institute aims at inculcate the highest intellectual standards through rigorous academic commitment and discipline. Students are inspired to aspire to higher level of academic achievement by mastering the subjects they have chosen to study. The institution has initially setup its own mission-vision along with goals and objectives, and to put the same into practice, the institution has been endeavouring constantly. For this purpose with the course of time, new academic programmes at UG/PG level have also been introduced. These are in tune with the goals and objectives of the institution which are made available to its stakeholders through the college website, Central Library and the college prospectus.

The College conducts various courses in three streams. It offers a wide range of courses providing adequate academic flexibility in the choice of core and elective options. The semester and CBCS systems have been implemented last year. In UG level there are six Honours courses in B.A. and two Honours courses in B.Sc. are offered. B.Com. is an integrated honours course. Gujarati, Hindi, Sanskrit, English, History and Economics are taught as special subjects and Psychology is taught as a subsidiary subject in Arts Stream. Chemistry and Mathematics are taught as special subjects while, Physics, Botany and

Zoology are taught as subsidiary subjects in Science Stream. Advance Accountancy as a principal subject and Statistics and Secretarial Practice as subsidiary subject are taught in Commerce faculty. Since 1969 a P.G. Center in chemistry has been introduced and in its connection, a research center for Ph.D. had also been initiated. Since 1984 a P.G. Center in Hindi Subject has also come into existence. In the subject of Chemistry, Botany, Zoology and Sanskrit, study up to Ph.D. is available. During last two years, self finance programmes like B.Sc. and B.A. (English) are introduced.

Industrial Chemistry has also been taught as a vocational subject since 1996. A certificate course in Journalism as a Career Oriented Programme and Industrial Chemistry as vocational course are also available. Short term skill development training programmes are organised frequently which help in employability. This is the only tri faculty college of the University therefore variety of subjects is offered. As a result the interdisciplinary approach of the teachers and students is developed.

Curriculum restructuring is a continuous process. Total 15 out of 33 teachers (45%) teachers of the institution have been actively sparing their services in different committees in the formation of university syllabi. While restructuring curriculum feedback from all stakeholders are collected and analyzed and the suggestions are communicated to BOS for improvement.

Through consultations with academic and industry experts, curriculum and relevance of the programmes are ensured. Training through project work, Career Oriented Programmes and participation in various social activities help to develop leadership skill and competence. At the ending of every semester, the academic audit of each department is conducted by the respective HOD and the overall audit of the college is done by the Principal and IQAC.

CRITERION II : TEACHING, LEARNING AND EVALUATION

The college stands committed to make teaching and learning “Student Centric” which makes the students to think, analyze, be independent, original and creative. Students from rural area having diverse backgrounds and abilities are admitted. Their individual needs are properly addressed. The College ensures the competency of staff and helps the faculty to develop continuously. It promotes social awareness among students leading to commitment and action, and ensures a just and scientific evaluation process.

In accordance with Government/University rules, the institute admit the students on basis of merit, irrespective of caste, creed or gender with transparency. In our institution, a clever student is warmly encouraged as well as a weak student is taken a congenial care of. Identification of slow and advanced learners is made by the faculty on the basis of classroom interactions. Remedial and tutorial classes are arranged for slow and differently-abled learners. Special considerations are given to the financially weak and down trodden students through fee concessions/scholarships, free hostel accommodation and free text books from the Poor Boys Library.

The faculty is recruited through a rigorous selection process in accordance with the directives of the State Government. The institution possesses 33 teachers having

higher academic qualifications. Out of the 33 teachers, 18 are Ph.D., 4 are M.Phil. and 3 are carrying on their research work. Eight teachers are the recognized research guides. Teachers have always been active to keep pace with the fast developing world and to nourish the subject awareness. For this purpose, they use to attend state/national/international seminars/workshops, they also participate in paper reading, their research articles are published in different research journals, and they duly attend the orientation and refresher courses. Many of the teachers use to write for their subject books and articles in different periodicals. Some are the columnist in leading periodicals. The teachers are continuously appraised in their own teaching abilities by the institution on the basis of students' feedback. No. of faculties have participated in live teaching programme like BISAG.

The teaching-learning process being student centric, the curriculum endeavours to integrate knowledge with skill which will sustain an environment of learning and creativity. Learning methods encourage students' participation through project work, group discussions, seminars, workshops, assignments, study/industrial/field tours, microteaching, guided library work, training in relevant software and e-learning. In order to mould teaching and learning into more interesting and effective form, various co-curricular activities are organized under the auspices of 'Pilvai college Vartul', Science Society and CSC. With a view to fortifying the same, the teachers make a frequent use of audio-visual aids and other teaching aids like models and charts. Teaching innovations through modern teaching aids and ICT facilities make the learning process more student-friendly. Our faculties have also participated in live teaching programme named SANDHAN initiated by State Government and telecast by BISAG through satellite. The institute has developed a virtual class room and four AV rooms for this purpose. The students also make a use of internet facility available at Central Library and Girls' rooms for strengthening their learning process. We focus more on e - content, PPT and computer based teaching. We have provided LCD projectors in all the labs, laptops to all department, computers to all the staff members with Wi-Fi internet connectivity. We have 13 nodes of broadband connectivity. There are over 114 computers available in various office, departments, labs, library etc. The whole campus is connected with Wi-Fi internet connectivity.

Evaluation processes are clearly communicated to the newly admitted students. The University introduced the CBCS pattern and semester system for all the U.G. and P.G. programme. The internal evaluation including seminar, assignment and regularity of the student is improving student learning process. Especially this year we adopt new reform base evaluation using Unit test method for continuous learning. The college has OMR reader software and question paper generator software. All the departments provide question banks to the students. Many of our faculty members are examiners at the University, academic experts and board members. It helps them in getting vital information during evaluation and discussion, which they impart to our college students later. Formative assessment of the student is done on the following parameters : Assignments, Presentations, Field visits Industrial visits, Class interactions, Group discussions/Viva-voce, Workshops/Seminars, projects, written and practical tests,

curriculum based training, inter college competitions, overall attendance and conduct during the session. The institution results are higher than the university average results in most of the examinations. The best performers in university examinations are encouraged and facilitated by the institution. The best versatile performer of each stream is also awarded with the **Best Boy and Best Girl Award**.

CRITERION III : RESEARCH, CONSULTANCY AND EXTENSION

We believe that an institution can become a centre of academic excellence only when a research culture exists and proliferates amongst faculty and students. The institution plays a very proactive role for promoting this culture. In spite of institution is situated in remote rural place, it has got a very good research output. There is a well equipped Chemistry Research Lab in the institute since 1970. Ours is the institution that has endowed 40 Ph.D. scholars in Chemistry. In Chemistry five faculty members are recognized research guides. Above 300 research papers have been published by Chemistry Department till the date.

We have got a nice research environment. The faculty is encouraged to pursue and complete doctoral and post doctoral work. Eighteen faculties are Ph.D. holders, and eight of them are recognized research guides not only of our University but also of other Universities. Eight teachers have pursued Ph.D. degree during last five years. Three teachers are engaged in research work. Two teachers of Botany and Zoology are recognized Ph.D. guides and 5 research scholars have pursued Ph.D. degree under the guidance of them. During last five years 120 (one hundred and twenty) research papers have been published by teachers. There is good citation of our research works. Nine books have been published at international repute. 9 minor research Projects have successfully been carried out by the institution, 6 minor projects are going on while 3 project proposals have duly been sent for approval. 20 curious students have been registered for Ph.D. research under eight Ph.D. guides of the college. PG students of Chemistry are given research project task. They also participate in research conferences at various research institutes and organizations. The faculty received recognized Guideship, visited abroad for presenting research paper and perused Ph.D. degree is honoured on Annual Day.

The faculty members have presented their research papers regularly in national/state level conferences. The faculty is granted special leave for attending conferences to present papers. Two staff members have visited abroad for paper presentation. Some faculty member are sparing their services as member and reviewer in editorial board of various research journals.

Three state level and one national level conferences/seminars are organized by the institution during last five years.

A Research Facility has been set up in the college to assist research activities. The Principal has been very supportive and generous in this regard. Sophisticated instruments like FTIR, HPLC, AAS, Digital Balance, etc., for Chemistry research laboratory while instruments like BOD Incubator, Video Imaging System etc., for Biology research

laboratory are purchased during last two years under CPE Scheme. The library is equipped with a large number of research journals for the faculty. Separate Research section in Central library is developed which consists many thesis and bound back volumes of research journals since 1969. Internet facility and INFLIBNET facility for reference work are available for faculties and students.

The institution has always been at the forefront in consultancy and extension activities. 'Pilvai College Vartul', CSC, NCC and NSS Units stir a number of activities in co-ordination with other academic/social organizations. For various extension activities are under taken with collaboration of the Rotary Club, Vijapur, Gaiants group – Vijapur, Indian Red Cross Society, Prathama Group, etc. We have signed MOU with Sheth M. N. Science College, Patan and Pramukh Swami Science and P D Patel Arts College, Kadi for various academic/research activities and faculty/students exchange programme. We have also done collaboration by taking permission using sophisticated equipment and research facilities of some leading industries/research units like synron research Pvt. Ltd., Ahmadabad. Alps industries, Ahmedabad and Dishaman Pharmaceutical, Bavla for doing our research work. We have carried out successfully Soil Helth Card Programme with the collaboration of agriculture department under the guidance of commissioner of Higher Education, Gujarat.

CRITERION IV : INFRASTRUCTURE AND LEARNING RESOURCE

Spread and blossomed in 49 acres of land, this trifaculty college has faculty-wise separate Arts, Science and Commerce Buildings. In addition, it has a separate well-furnished Administrative Building, Central Library Building, Sports Complex with Gymnasium, Boys Hostel, Girls Hostel, Staff Quarters, Rector House, Principal Bungalow, Canteen and '**Swarnim Smarak**'. The college monitors the adequacy and optimum use of facilities available in the institution to maintain the quality of academic and other programmes.

Institution has such a rich library as hardly be found in the whole North Gujarat region. It has been an oasis where curiosity can easily be quenched. This library is abundant with 54,750 books, 26 research journals, 78 periodicals and 48 encyclopaedias. Apart from this, it has a separate research section containing preserved Back Volumes since 1970 and "**Poor Boys' Library**". The Library is rich in e – materials too. The issue of books will also be computerized very soon. The college has made arrangements for recording of BISAG lectures and storing them in CD form. The library is accessible from 10.00 am to 5.00 pm. The Central Library process spacious reading room and reading space for Girls, free access to the stacks, reprographic/audio/video facilities, CD/DVD's, access to e-learning, INFLIBNET, Foreign and Indian research journals/magazines and research cubicles with internet connections to quench the needs of students and staff.

The Administrative office is fully computerized with LAN, internet facility, and office management software facility. The **Research Laboratory** of chemistry is facilitated with four (04) computers, printers, internet and subjective / instrumental software facilities. The **Digital Educational Learning Laboratory (DELL)** established with the help of state Government is facilitated with 25 computers, LAN, internet and

spoken English software (GLOBARINA). The **Mathematics Computer Laboratory** is developed under CPE scheme having the facility of one (01) server, thirty (30) computers in LAN, MATLAB software. Four (04) **Audio Visual Class Rooms** which are connected through satellite for live telecast SANDHAN initiated by KCG, State Government. The **Virtual Class Room** developed under the CPE scheme from where the live telecast of the lecture can be viewed from various academic institutions outside the college by video conference system. The well-equipped **Examination Room** having facility of the two (02) computers, photocopiers, printer, ADF scanner, internet, OMR Reader software.

As far as the technological instruments are concerned, the institution has well updated 95 computers, 19 Laptops, Wi-Fi through Routers, Photocopier Machines, LCD Projectors, Television, Fax Machine, Scanner, UPS, Inverter, Biometric machine, CC TV Camera System, Classroom Audio Addressing System, etc. Regular maintenance and repairs of facilities is undertaken.

CRITERION V : STUDENT SUPPORT AND PROGRESSION

The institution has initially remained eager and active regarding all-round development of the students. The institution has developed a well-organized system of counselling and guiding students about their future career, higher studies and government schemes. We provide the required information to the students about different types of scholarships, free ship and fellowships. Government Scholarships are made available to the students belonging to SC, ST, OBC, EBC and Physically Handicapped categories. Other Scholarships from Postal Department, Central Directorate of Hindi. Students Welfare Fund are also made available to the concerned students.

Various co-curricular and extra-curricular activities are geared up through SAPTDHARA, Pilvai College Vartul, NCC, NSS, Science Society, Community Science Centre and various departments. Students are encouraged to participate in various activities/competitions held by College/University.

Career Guidance Centre is run by the college which has been approved by the Employment Exchange Office, Mehsana. The Career Guidance Centre fixes Campus interviews in the college and also sends the list of qualified students frequently to different companies and factories when their requirement for placement arises. Training programmes for preparation of various competitive exams and admissions to higher courses are organized. Remedial courses are held so that weak students may be provided sufficient help. To enhance the proficiency in English and computer skill, various short term workshops are organized under CPE scheme.

Ever since the establishment, the college has earned a name in the field of University level sports. A large number of the college students have participated in University-State-regional and national level sports. Every year the institute has achieved the championships in 3-4 sports. About 30 students are selected for participation in Inter University Level sports every year.

We organize a felicitation ceremony to appreciate noteworthy achievements of students. We publish CHANDANA magazine and also have college website where the

achievements of students and staff both creative and academic are mentioned. The college has Grievance redressal Cell (Discipline Committee), Women Development Cell and Mahila Sanskar Sanskruti Club which help us in providing better support to our students.

The institution collects feedback from students through feedback form and suggestion boxes for improving the performance and quality of the institutional provisions.

CRITERION VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT

The College has a clearly stated vision and mission statement and is driven by them. The Top management includes the Trustees, President, Vice Presidents, Secretaries, Principal, Vice-Principal & Faculty In-charge of all streams. They play a very important Role in framing and implementing its quality control policies. One nice saying is that, **“Coming together is beginning, Keeping together is Progress, & Working together is Success.”** So, it’s all about the Teamwork to reach the success.

Our Management strongly believes that **“Good governance is to govern the least”**. As a result if it is found necessary, management applies the well-known management theory ‘Z’ to manage the institute. By the good governance, sighted leadership and well organized management, the institute has achieved the status “Colleges with Potential for Excellence (CPE)” from UGC. This status is a pride for us and prestigious too, as our institute is situated in rural area.

Keeping in mind the Mission-Vision and Goals-Objectives of our institution, the IQAC designed the quality policy and plans of the institute carefully. IQAC Consists of Management, Principal, faculty members, students, Alumni and educationalists. The policies and plans of the institute are constituted, monitored and evaluated by IQAC. To implement the plans and policies of the institute, various committees are constituted by the Principal, Vice Principal and Faculty In-charge. The faculty members are assigned different responsibilities and duties to perform when extra-curricular activities are conducted. Their performance is evaluated by top leadership from time to time. To groom leadership at student level, the students’ representative are also encouraged and nominated to handle the co curricular and extracurricular activities.

The college administration is decentralized and different responsibilities and duties are delegated among the faculty. The required monitoring and evaluation is carried out to implement the decisions taken by the institution. The institution follows well prepared academic calendar to successfully implement the duties and responsibilities. Several initiatives have been taken by the institution for the optimum utilization of the available resources for the benefit of the students. We also communicate our mission and vision to the people through sign boards at important places and also by displaying them on our college website and in booklets too.

The management does not interfere the administration of the college. Enough anatomy is provided within rules to the college for its better functioning. Even Principal does the same with his staff. The College has created an environment where people feel free to work, express their views and opinions. It also leads to the sense of accountability

and responsibilities. The college has a system of SWOT analysis which helps the staff in evaluating themselves. Accordingly they are provided encouragement, suggestions and appreciation. We have a very good **Staff Credit Society** which is of great help to our staff.

The fees are charged as per government rules. The institutions do not accept any donation from the student. Thus through these means and measures, the institution strives to attain its goals and objectives for the betterment of its student and stakeholders.

CRITERION VII : INNOVATIONS AND BEST PRACTICES

Our institution as a higher educational institution is highly concerned about and proactive in its response to the changes that are taking place at the local, national and the global scenario through various innovative practices.

We have a very good green and clean campus. Our Botanical Garden is attractive. The college organizes so many awareness programs about social, cultural, gender and medical issues. There are a properly managed system for removal and discard of hazardous chemicals, e- waste and waste water treatment. Our chemistry staff even prepares capillary and starch paper from the waste materials.

Inclusive practices of the institution to impart holistic education are inherent in the system. Students belong to every social class, community and linguistic groups. They are trained to be men and women of competence, commitment, compassion and conscience. Equity and access in availability, special attention to the weaker sections and representation of women in all aspects ensure promotion of social justice. Social work and outreach activities, assistance to disaster victims, adaptation of villages for rehabilitation work and educational assistance, blood donation camp etc. inculcate value based social responsibility and good citizenship amongst the student community. We are proud that our college has got so many practices which can be termed as best practices. It is difficult to decide which one to pick and which one to leave.

The first best practice of institution is the **Social Responsibility Programmes (SRP)**. The institution is consciously aware of social responsibility. In order to meet decided goals of **Social Responsibility Programmes (SRP)**, the institution forms various programmes, among which, the following two are salient:

- 1. Soil-Health Card Programme :** The Chemistry Department of institute has completed the analysis and testing of 28618 samples entrusted to our institution by the State Government authorities during three years. Thus, we successfully overcome the entrusted work and its philanthropic gain was enjoyed obviously by our institution, staff and students and by the society too.
- 2. Drama for Development (D4D) :** Drama is a very useful medium of presenting the social problems before the people in an interesting and effective way to make them aware of them. The activity of performing drama in our college is also carried out with the aforesaid purpose in mind. Having prepared the drama with the theme based on various very important social problems, it is performed at various places. We have been doing it for last twenty years.

The second best practice of institution is the celebration of **Swarnim Mahotsav**. The institution has spent 50 years of its esteemed existence. This institution, begun in 1960 in rural area, fulfilling its mission and vision has fortified a number of youths with higher education. A number of students of this institution have been enjoying a high and honourable position in present society. In this smooth and successful completion of 50 years, a great contribution of local society is notable. And in order to show the gratitude for the same, the college decided to celebrate **Swarnim Mahotsav**. Moreover, the aim of such a grand celebration was also to cherish relations. Since 50 years, this institution has moulded successful fates of a number of students and therefore, this institution was showered with a plenty of donations. Throughout the year the institution received **Rs 90,00,000/-** as donations. It is obvious that this amount will be utilized for the development.

B. Profile of the Affiliated/Constituent College

1. Name and address of the college:

Name: Shri U.P. Arts, Smt. M.G. Panchal Science & Shri V.L. Shah Commerce College, PILVAI
Address: At. & Po. PILVAI, Ta. Vijapur, Dist. Mehsana, Gujarat, Pin : 382850
Tele/Fax: (02763) 289081
Website : www.pilvaicollege.com
E mail : <u>collegepilvai@yahoo.com</u>

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Sanjay S. Shah	O: 02763-289081 R:079-23226557	9428818102	02763-289081	<u>ssshah999@hotmail.com</u>
Vice Principal	Dr. A. N. Dave	O: 02763-289081 R:079-23220018	--	02763-289081	<u>collegepilvai@yahoo.com</u>
Steering Committee Coordinator	Dr. C. A. Acharya	O: 02763-289081	9428224791	289081	<u>drchirag_acharya@hotmail.com</u>

3. Status of the of Institution :

Affiliated College

Constituent College

Any other (specify)

√

4. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education

b. By shift

i. Regular

ii. Day

iii. Evening

5. Is it a recognized minority institution?

Yes

No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

NA

6. Source of funding:

Government

Grant-in-aid

Self-financing

Any other

7. a. Date of establishment of the college: 15-06-1960

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

Hemchandracharya North Gujarat University, Patan (North Gujarat)

c. Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (If any)
i. 2 (f)	08-01-1963	----
ii. 12 (B)	17-06-1972	----

(Enclosed herewith the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) : NA

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes

No

If yes, has the College applied for availing the autonomous status?

Yes

No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes

No

If yes, date of recognition:

UGC Sanction Letter No. F.12-1/2008(NS/PE) Date:15/10/2010

b. for its performance by any other governmental agency?

Yes

No

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in sq. mts.	198295.65 (49acers)
Built up area in sq. mts.	6,743.55 Sq. Mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities : ✓
- Sports facilities

Play ground	✓
Swimming pool	
Gymnasium	✓

- Hostel

- * **Boys' hostel** ✓
 - Number of hostels
 - Number of inmates
 - Facilities (mention available facilities)
- * **Girls' hostel** ✓
 - Number of hostels
 - Number of inmates
 - Facilities (mention available facilities)
- * **Working women's hostel** : No
 - Number of inmates
 - Facilities (mention available facilities)

Hostels	Blocks of Hostels	No. of Room	No. of Kitchen	Dining Hall	Refreshment Room	Rector Quarter
3Boys	2	44	1	1	1	1
Girls	1	24	1	1	1	1
Total	3	68	2	2	2	2

- Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise)

Sr.No.	Cadre	Number of House
1	Principal Bungalows	1
2	Rector House	1
3	Staff Quarters	4
4	Peon Quarters	4

- Cafeteria -- ✓

- Health centre – No

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

Health centre staff –

Qualified doctor Full time Part-time

Qualified Nurse Full time Part-time

- Facilities like banking, post office, book shops - No
- Transport facilities to cater to the needs of students and staff - No
- Animal house - No
- Biological waste disposal - No
- Generator or other facility for management/regulation of electricity and voltage : ✓ (Generator, Inventor & UPS)
- Solid waste management facility - Yes
- Waste water management -No
- Water harvesting -Yes

12. Details of programmes offered by the college (Give data for current academic year)

Sr. No.	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/approved Student strength	No. of students admitted
1	Under-Graduate	B.A.	3 years	12 th Pass	Gujarati	450	355
		B.Com.	3 years	12 th Commerce	Gujarati	150	98
		B.Sc.	3 years	12 th Science	Gujarati	250	264

2	Post-Graduate	M.A	2 years	B.A.	Gujarati	80	23
		M.Sc.	2 years	B.Sc.	English	25	25
3	Ph.D.	Chemistry	--	P.G.	English	32	05
		Botany	--	P.G.	English	08	03
		Zoology	--	P.G.	English	08	07
		Sanskrit	--	P.G.	Sanskrit	08	06

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

02

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No		Number	02
-----	-------------------------------------	----	--	--------	----

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Particulars	UG	PG	Research
Science	04	01	03
Arts	07	01	01
Commerce	01	00	00
Any Other not covered above			

16. Number of Programmes offered under (Programme means a degree course like BA, BSc,MA,M.Com...)

a. annual system

b. semester system

c. trimester system

09 UG + 02 PG= 11

17. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify and provide details)

11

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

a. Year of Introduction of the programme(s).....
(dd/mm/yyyy)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes,

a. Year of Introduction of the programme(s).....
(dd/mm/yyyy)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC/ University/ State Government Recruited	00	00	23	02	07	01	12	01	04	00
Yet to recruit	--	--	--	--	09	--	06	--	09	--

Positions	Teaching faculty						Non-		Technical	
Sanctioned by the Management/ society or other authorized bodies Recruited					01		01	01	06	01
Yet to recruit	--		--		--		--		--	

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	00	00	15	00	03	00	18
M.Phil.	00	00	01	00	02	01	04
PG	00	00	07	02	02	00	11

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

01

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories		2009-10		2010-11		2011-12		2012-13	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
SC	UG	62	14	63	10	49	10	63	21
	PG	10	5	5	5	4	2	03	04
ST	UG	2	2	8	4	7	2	10	03
	PG	0	1	0	0	1	1	01	00
OBC	UG	303	93	325	109	399	139	488	143
	PG	25	29	39	12	19	13	22	12
General	UG	654	175	617	201	681	199	500	225
	PG	48	62	21	50	34	17	33	20
Other	UG	0	0	0	0	0	0	0	0
	PG	0	0	0	0	0	0	0	0
Total		1104	381	1078	391	1194	383	1120	428

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1453	95	00	21	1569
Students from other states of India	00	00	00	00	00
NRI students	00	00	00	00	00
Foreign students	00	00	00	00	00
Total	1453	95	00	21	1569

25. Dropout rate in UG and PG (average of the last two batches)

Level	Programme	Average Dropout ratio (%) (Last two Batches)
UG	B. A.	50.89
	B. Sc.	27.52
	B. Com.	44.44
PG	M. A.	38.34
	M. Sc.	23.37

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- (a) including the salary component
(b) excluding the salary component

Rs. 24,253/-

Rs. 1,202/-

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes No

b) Name of the University which has granted such registration.

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered

Programme	Student Enrolled	Teacher		Teacher-Student Ratio
		Permanent	Adhoc	
B.A.	765	13	0	59:01
B.Sc.	386	15	0	26:01
B.Com.	200	05	1	33:01
M.A.	33	03	0	11:01
M.Sc.	62	06	0	10:01

29. Is the college applying for

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 31-03-2007

Accreditation Outcome/Result : "B" Grade

** Enclosed copy of accreditation certificate(s) and peer team report(s) as an annexure.*

232

31. Number of working days during the last academic year.

32. Number of teaching days during the last academic year

180

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC : 15-06-2007

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) - 2007-08

AQAR (ii) - 2008-09

AQAR (iii) - 2009-10

AQAR (iv) - 2010-11

AQAR (v) - 2011-12 (Submitted Online on Dt. 31/12/2012)

All AQARs are submitted by post on Dt. 28/03/1013

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information) :

Nil

C. CRITERIA –WISE INPUTS

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation:

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

+ Our Vision:

To educate and enable youth to enhance the dignity and progress of the society as well as the nation.

+ Our Mission:

- To make the rural youth aware and obedient of constitutional values like democracy, secularism and freedom of opinion and to make them execute the duties of a true citizen sincerely.
- To nurture them at gender equilibrium in order to avoid partiality with regard to sex in daily life.
- To enable a village to be economically and socially potential centre of development.
- To make the youth live in honour by undertaking inherited and traditional business by employing appropriate technology.
- To arouse vocational skill and curiosity of self-employment in the mind of the youth.

+ Communicated to the students, teachers, staff and other stakeholders in following ways.

- By displaying in the college prospectus, notice board and college website.
- By making announcement for students on welcome day.
- By verbal communication during parent teacher meeting.
- By display at library, staff room, memorial building and central hall of Arts and Science building of the college.
- Through motivational talks during various programmes conducted by institution.
- It is shown in souvenir of our college.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

- + Our institution is affiliated to H.N.G. University Patan. The university provides an academic calendar. The students are taught according to the guidelines prescribed in syllabus by the university.

- ✚ At the beginning of academic year IQAC elaborates an academic calendar which includes planning of admission process, enrolment process, academic activities (like lecture hours, seminars, workshops, academic industrial tours, unit test and internal test) and extension activities.
- ✚ A time table is set by the time table committee at the beginning of the academic year which fulfils the prescribed number of hours for each subject.
- ✚ The syllabi are distributed on the basis of interest and expertise of the teacher by HODs.
- ✚ The teacher prepares a teaching plan action for each chapter.
- ✚ To purchase new books on the respective syllabi and prepare study material.
- ✚ Head of the department arranges review meeting about syllabus in each department.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

- ✚ The semester system and CBCS pattern were implemented in almost all Universities of the state last year. The knowledge Consortium of Gujarat (KCG) and H.N.G. University have initiated this movement. To understand and become familiar with such vast changes in academic structure the teachers are deputed for attending workshops and training programmes organized by KCG and University.
- ✚ New syllabi are implemented introduced by the university based on the semester system and CBCS pattern. The teachers are sent to participate in workshops organized by university regarding syllabus and its modification.
- ✚ The teachers are sent for participating in various programmes like refresher course, orientation course, short term course, seminar, workshop by various agencies by college and University.
- ✚ The institution provides library, e-learning facility (eg. INFLIBNET-N-List), models, charts, audio-visual aids to the faculty to effectively translate the curriculum.
- ✚ Facilities of computer-internet connection provided.
- ✚ Need based feedback is collected from faculty for their need to effective translating of the curriculum and improving teaching practices by the institution and find out the needs of the faculty and provide the necessary support.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.

- ✚ The annual teaching programs are planned in advance.
- ✚ Periodic monitoring of the activities such as commencement of classes and time management for effective implementation of the curriculum is done.
- ✚ Necessary infrastructure and instruments are also provided.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of

the curriculum?

- ✚ The staff is in constant touch with the university for effective operationalization of the curriculum.
- ✚ Regular industrial visits are made by the department to impart practical knowledge to the students.
- ✚ Industry Academic Interface-regularly inviting leading luminaries and professionals from relevant industries to interact with the students and provide inputs in the latest trends in management, human resources, marketing, operational areas, etc.
- ✚ Industrial exposure training provided to the students through part time job to enhance the quality of understanding and fine tuning skills.
- ✚ Students are motivated to actively participate in seminars, workshops, panel discussion for quality enhancement.
- ✚ Signed MoU with leading relevant industries for better industries interaction.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

- ✚ The college does not have autonomous status it follows the syllabus framed by BOS of H.N.G. University, Patan of examination.
- ✚ The syllabus related feedback and suggestions are collected from the teachers and students and communicated to the BOS for due action. Moreover, the suggestions, made by BOS Co-opt academic expert and industry people, are also sent to the BOS for due formation of the syllabus.
- ✚ Out of 33, total 15 teachers (45%) of the college have played an active role in various academic committees of the university and State Government body of KCG.

Sr. No.	Member of board of studies	Subject
1	Dr. S.S.Shah	Chemistry
2	Dr. R.S. Dave	Chemistry
3	Dr. G. R. Jani	Chemistry
4	Ku. N. V. Patel	Mathematics
5	Shri. M. P. Arvadia	Mathematics
6	Ku. M. B. Datir	History
7	Shri K.S. Bhatt	Economics
8	Shri D. J. Shah	Commerce
9	Dr. H. M. Dixit	Commerce
10	Dr. Y. H. Raval	Gujarati
11	Dr. R. R. Pandey	Hindi

12	Dr. M. R. Pandya	Sanskrit
13	Prof. B. P. Rao	English

✚ Following members have contributed in state level syllabus committee.

Sr. No.	Name of Member	Subject
1	Dr. C. A. Acharya (Chairman)	Zoology
2	Shri K. A. Patel	Mathematics

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

✚ Yes,

- The syllabus of journalism, which is sanctioned by the UGC under career oriented programme is developed and framed by the institute. The coordinator, teachers of languages and teachers of journalism of university department have jointly developed this curriculum.
- The syllabus is framed for short term courses like computer study, pathology testing and creative writing under the CPE scheme of UGC.

1.1.8 How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?

✚ The college adopts the following mechanism to ensure effective curriculum implementation.

- (1) Regular monitoring of staff working pattern.
- (2) Opinions expressed by external examiners towards improvements are considered in practical.
- (3) Periodic evaluation of student performance through
 - Assignments
 - Seminars, workshop and quiz
 - Result analysis
 - Project work and Presentation
 - Weekly test and unit test
 - "Kavya Pathan" and "Shlok gan"
 - Group discussion

1.2 Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

✚ The institution offers following COP and skill development programme.

COP: (i) Industrial Chemistry

- Skill development programme:**
- (i) Journalism
 - (i) Computer training workshop
 - (ii) Pathology testing
 - (iii) Soil testing analysis
 - (iv) Creative writing skill
 - (v) SCOPE

- + Students find placement in industries and at other places soon.
- + Students can develop skill with the help of which they can create their own employment.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes', give details.

- + No. The system of University does not offer programmes that facilitate twins/dual degree.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability

- + Range of core/elective options offered by the University among them some are adopted by the college.
- + Choice Based Credit System and range of subject options provided
- + Courses offered in modular form
- + Enrichment courses – Yes
 - (a) Core options
 - (b) Subjective Elective options
 - (c) Generic Elective Options

Faculty	No. of core subject offered	No. of core Subject Elective offered	No. of Generic and Foundation course
Arts	06	06	05
Science	02	08	05
Commerece	01	04	02

- + The institution offers total 03 UG programmes and 02 PG programmes with the following elective options as per the scheme and syllabi of the affiliating university.

UG Programmes

Sr.No.	Programmes	Core/Major	Elective option, Core subsidiary, Elective subject, Foundation course and Generic course
1	B.Sc.	(i)Chemistry (ii)Mathematics	Core subsidiary: (i)Physics (ii)Botany (iii)Zoology, Subject Elective: (i) Agriculture Chemistry (ii) Medicinal chemistry

			(iii) Business Mathematics (iv) Horticulture (v) Plant breeding (vi) Water harvesting and conservation (vii) Name reaction (viii) Environmental pollution Elective generic: (i) Indian constitution (ii) Disaster management (iii) Value oriented education (iv) Human rights Foundation: English
2	B.Com.	Accountancy and auditing	Subject Elective: (i) Statistics (ii) Secretarial practice (iii) Financial accounting Foundation: (i) Banking (ii) GK (State & National level) Soft skill: (i) Fundamental of entrepreneurship
3	B.A.	(i) Sanskrit (ii) Hindi (iii) History (iv) Gujarati (v) Economics (vi) English	Core Elective: (i) Sanskrit (ii) Hindi (iii) History (iv) Economics (v) Gujarati Elective option: (i) Sanskrit (ii) Hindi (iii) History (iv) Psychology Elective generic: (i) Indian constitution (ii) Disaster management (iii) Value oriented education (iv) Human rights Foundation: (i) English (ii) Indian languages: (a) Sanskrit (b) Hindi

PG Programmes

1	M.Sc.	Organic Chemistry	Core subject: (i) Inorganic chemistry (ii) Physical chemistry Subject Elective: (i) Group theory, Spectroscopy and Diffraction method (ii) Spectroscopy (iii) Organic photochemistry (iv) Organic Synthesis (v) Organometallic chemistry
2	M.A.	Hindi	Subject Elective: Information technology and data analysis

1.2.4 Does the institution offer self-financed programmes? If ‘yes’, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes,

- + We have started BA (English) programme in Arts faculty and B.Sc. programme in Science faculty on self finance bases from corrent year (2012-13).
- + Admission process is on the basis of University and Government rules.
- + There is no change in curriculum or any other criteria for teacher qualification.
- + The fee structure mentioned below as per university and Government rules.

Self finance programme	Fee structure per semester in Rs.	
	Semester -I	Semester –II
BA (English)	2595/-	3065/-
B.Sc.	10720/-	10720/-

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If ‘yes’ provide details of such programme and the beneficiaries.

- + Yes, the institution offer following additional skill oriented programmes:

Sr. No.	Programme	No. of Beneficiaries
1	Journalism	40
2	Industrial chemistry	200
3	Computer course	303
4	Pathology laboratory testing	59
5	Language skill (Creating writing skill)	40

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

- + No.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programmes and Institution’s goals and objectives are integrated?

- ✚ The institute provides necessary funds for upgrading the instruments and purchase of library books which supplements the curriculum to meet the goals and objectives. These are reviewed at the IQAC meeting.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

- ✚ Consider the higher growth of chemical industries in Gujarat, we have started the vocational course of Industrial Chemistry.
- ✚ Finding the career probabilities in print and electronic media the institute has started the career oriented programme in journalism with financial aid of UGC.
- ✚ Looking at the need of the employment market the institute has organised various skill base short term programmes like computer training programme, pathology laboratory testing creative writing workshop, instrument training workshop, etc, under the CPE scheme of UGC.
- ✚ We have introduced a computer practical based paper (Optional in syllabus) at T.Y. B.Sc. Mathematics with the use of soft wares like, Mathematica, Matlab, etc.
- ✚ The institution has taken measures to cater to the global market needs based on the true assessment of strength and services offered in the campus.
- ✚ To develop the required skills, brain storming sessions are held for the faculty to design the tools in the respective subjects. Under the guidance of various committees, special training and tailor made operations are conducted to enable the students to achieve the global standards.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

- ✚ The curriculum includes subjects on environment education, disaster management, Indian constitution, Human rights for which external faculties are invited to deliver lectures on this topic.
- ✚ Introduction to computer fundamentals as well as technology training which enable the students to learn the latest technology which can help them make a better future.
- ✚ The college celebrates world environment day, ozone day and other important days.
- ✚ The college organises different types of programmes through NSS and NCC.
- ✚ The college has 'Women development cell' and 'Mahila Sanskar Sanskruti Club' which arranges lectures on gender issues.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

- **Moral and Ethical values**

- **Employable and Life skills**
- **Better career options**
- **Community orientation**

- ✚ Personality development workshops are organised.
- ✚ Better career options: Career guidance is given periodically.
- ✚ Employable and life skills: the institution organises workshops on self skill development at regular intervals.
- ✚ Various value added programmes are organised under “Mahila Sanskar Club” and spiritual lectures are arranged.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

- ✚ The institution has various channels to collect and document responses on curriculum from the stakeholders.
- ✚ The students express their opinion on curriculum through response sheets/feedback.
- ✚ Our faculty takes regular feedback from stakeholders on academic, curriculum, placement, trends and teaching methodology.
- ✚ The IQAC analyses feedback and prepares response charts for future use and feedback is communicated to the University for appropriate action through faculty members who are part of the Board of studies and Board of Examiners in the particular faculty in the University.
- ✚ The teachers collect the exit level feedback from the graduates regarding learning processes after the end of academic session every year.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

- ✚ The feedback in the form of interaction discussion and suggestions is analyzed by the head of the department.
- ✚ Periodic evaluation taken by IQAC.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

- ✚ The institution is affiliated with HNG University and therefore there is no scope for framing institutional curriculum on its own.
- ✚ Total 15 (out of 33) teachers have actively participated as member of BOS of university 45% and KCG. They design and develop the curriculum prepared by the university.
- ✚ However a systematic mechanism is installed in the institution to look after the affairs of the feedback process and analysis through the member of board of studies.

- ✚ Faculty members regularly attend workshops and seminars on revision of curriculum.
- ✚ The college can only forward the suggestions of its faculty to the university through the members of board of studies.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If ‘yes’, how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

✚ **Yes**

- The institution is getting the curriculum feedback from the students and stakeholders of every academic year.
- Meetings of the class representatives are held at the beginning of every academic year and the Principal, HODs share their views with regard to the curriculum.
- After that feedback from the students are sent to the University for Further Process.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

- ✚ Semester system and Choice Based Credit System (CBCS) have been introduced from the academic year 2011 – 12 in all programmes at entry level.
- ✚ BA (English), BA(Hindi, Entire), Self finance B.Sc. and Journalism programmes have been introduced by the institution.
- ✚ Through this course students can create their own employment.

HIGH LIGHTS OF THE CRITERION:

- (1) Semester and CBCS systems are adopted by institution.
- (2) Total 15 out of 33 teachers (45%) are member of BOS of university. They have actively participated in syllabus development.
- (3) This is the only tri faculty college of the University therefore various subjects are offered. As a result the interdisciplinary approach of the teachers and students is developed.
- (4) Self finance programmes like B.Sc. and B.A. (English) are introduced.
- (5) Journalism (COP) and Industrial Chemistry (Vocational Programmes) are available in the Institution.
- (6) Various skill development programmes are organised frequently.
- (7) In the subject of Chemistry, Botany, Zoology and Sanskrit, study up to Ph.D. level is available.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

- ✚ Our college has been serving the purpose of higher education in the area for the last 50 years; college is well-known and is having a good reputation in public. Our college follows the schedule decided by the University of HNGU, Patan.
- ✚ The college gives publicity to the admission process through the following methods.
 - College website
 - Prospectus
 - Notice boards
- ✚ In P.G. Chemistry advertisement and admission procedure is also done by the University admission committee according to merit and rules and regulation of the University and Government.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

- ✚ The process of admission is conducted by the admission committee comprising of faculty and office staff; it works under the chairmanship of the Principal. The transparency is maintained regarding the courses etc., and for admission to UG programmes. The college adheres to the rules and regulations of State Government in admission to all the candidates of all categories.
- ✚ In Arts faculty at U.G. level group of subjects allotted to the students are decided by admission committee working under the Principal.
- ✚ In P.G. admission for Hindi, college advertises through notice board and admission committee strictly follows merit and rules and regulation of university and state government.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

Year	Programme	% of maximum marks	% of minimum marks
2010-2011	B.A.	79.0	36.9
	B.Com.	69.6	39.3
	B.Sc.	74.7	46.3

	M.A.(Hindi)	60.2	47.6
	M.Sc.(Chemistry)	-	-
2011-2012	B.A.	87.9	35.0
	B.Com.	75.0	35.9
	B.Sc.	79.5	44.8
	M.A.(Hindi)	60.0	47.7
	M.Sc.(Chemistry)	-	-
2012-2013	B.A.	85.0	38.3
	B.Com.	90.2	41.7
	B.Sc.	81.9	41.8
	M.A.(Hindi)	65.0	41.4
	M.Sc.(Chemistry)	-	-

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes

- ✚ There is a mechanism in the institution for reviewing the admission process and the student profile annually. The college appoints an admission committee. The committee monitors the admission process keeping in mind the objective of providing maximum opportunity to the students from the rural background. Moreover, in accordance with the principle of social justice, the student from the weaker section of society should avail an opportunity of education, the committee ensures the optimum benefits to the student from these sections.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

a) Students from disadvantaged community:

- ❖ As per the existing government rules, reservation is provided to the students of SC category-7%, ST category-14%, OBC 27% and other backward community. They also avail many scholarships and benefits like fee waiver etc. College library has Poor boys' library facility for such students.

b) Women:

- ❖ No kind of reservation for girls. As a State Government policy, priority is given to girl students and their tuition fees are waived.

c) Differently-abled:

- ❖ As per the state policy, 2% reservation and other facilities are provided to the physically challenged students.

d) Economically-weaker sections:

- ❖ Students from economically weaker sections get benefits of fee concession and scholarship on producing documents from authorities.(creamy layer certificate below 2 lakhs of income of their family.)

e) Sports personnel:

- ❖ At the time of admission, due importance is given to the students with excellent sports records.

f) Minority community:

- ❖ They also avail many scholarships and benefits like fee waiver etc. College library has book bank facility for such students.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

✚ Year 2009-2010

Programme	No. of application	No. of students admitted	% of admission	Demand ratio
B.A.	427	427	100	1: 1
B.Com.	64	64	100	1: 1
B.Sc.	123	123	100	1: 1
M.A. –I	68	68	100	1: 1
(i)Career oriented programme				
a) Journalism	24	24	100	1: 1
b) Industrial Chemistry	99	99	100	1: 1
(ii)Short term courses				
a) Computer training workshop	-	-	-	-

✚ Year 2010-2011

Programme	No. of application	No. of students admitted	% of admission	Demand ratio
B.A.	413	413	100	1: 1
B.Com.	82	82	100	1: 1
B.Sc.	162	162	100	1: 1
M.A. –I	35	35	100	1: 1
(i)Career oriented programme				
a) Journalism	--	--	--	--
b) Industrial Chemistry	75	75	100	1: 1
(ii)Short term courses				
a) Computer training workshop	72	72	100	1:1

✚ Year 2011-2012

Programme	No. of application	No. of students admitted	% of admission	Demand ratio
B.A.	395	395	100	1: 1
B.Com.	114	114	100	1: 1
B.Sc.	144	144	100	1: 1
M.A. –I	12	12	100	1: 1
(i)Career oriented programme				
a) Journalism	--	--	--	--
b) Industrial Chemistry	31	31	100	1: 1
(ii)Short term courses				
a) Computer training workshop	128	128	100	1: 1

✚ Year 2012-2013

Programme	No. of application	No. of students admitted	% of admission	Demand ratio
B.A.	320	320	100	1: 1
B.Com.	81	81	100	1: 1
B.Sc.	300	167	56	1.8: 1
M.A. –I	23	23	100	1: 1
(i)Career oriented programme				
a) Journalism	--	--	--	--
b) Industrial Chemistry	18	18	100	1: 1
(ii)Short term courses				
a) Computer training workshop	102	102	100	1: 1

- ✚ Admission in M.Sc. (Chemistry) is given by central admission committee of H. N. Guj. University, Patan.

2.2 Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

- ✚ Differently-abled students are helped by the co-students and staff members in their daily routine of activities.
- ✚ Government's reservation quota is strictly followed in admitting the differently-abled students.
- ✚ Humanitarian treatment to all, which saves them from feeling inferior and discrimination.
- ✚ Classrooms on the ground floor
- ✚ Easy accessibility of books

- ✚ Facilitate with ramps at Central Library, Office, Arts, Commerce and Science buildings.
- 2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.**
- ✚ The institution is well aware of the needs of the students. The college acts as the stepping stone that helps the students to realize their ambitions. Any class contains a mix of intelligent and average students.
 - ✚ The initial assessment of the needs of the students is made through aptitude test.
 - ✚ **Assessment Criteria during Admission**
 - Academic/Co-curricular History
 - Aspirations
 - Social Background
 - ✚ **Assessment Criteria during teaching learning process**
 - Seminar
 - Group discussion
 - Quiz
 - Workshop
 - Participation
 - ✚ When the admission process is completed, one orientation programme for the newly admitted students is conducted at college level where students are informed in detail about the features of university level education and other aspects of higher education. All departments provide the detailed information about the nature of subjects before they start syllabus.
- 2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge/Remedial/Add-on/Enrichment Courses, etc.**
- ✚ Yes, on the basis of their previous year's academic record, unit tests and seminars the level of knowledge of enrolled students is assessed (analysed).
 - ✚ Special care is taken in ensuring the progress of slow learners by guiding them for extra time and by conducting coaching classes on holidays so that they will be able to overcome their difficulties.
 - ✚ In science stream practical revision session for weak students is arranged by faculties.

- ✚ The special remedial classes of English are conducted by college for those students who have not offered English since class X and have to study English compulsory at the first year B.A.
- ✚ They are given priority to borrow the books from 'Poor boys' Library' of the college.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

- ✚ The institute has established "Women Development Cell" and "Mahila Sanskar Sanskruti Club"
- ✚ Conducting seminar and workshop on women empowerment and women rights.
- ✚ Separate course named "environment and disaster management" is run.
- ✚ Tree plantation and save environment theme based programmes are organized regularly to keep our campus Green.
- ✚ For national integration various programmes are organized.
- ✚ The books related to different religions are available in college library.
- ✚ Encouraging students and faculties for participation in environmental programmes and issues. Programmes attending to needs of the under privileged section of the society through NSS unit in villages.
- ✚ Science awareness programmes run by 'Community Science Centre (CSC)' and 'Science Society'.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

- ✚ Advanced learners are identified through:
 - Academic history
 - Aptitude test
 - Quiz
 - Counselling
 - Orientation programme
 - Involvement in academics and curricular activities
 - Academic reports
 - Faculty feedback
- ✚ The institution responds to the needs of these advanced learners through the following methods:
 - Motivated to secure Rank & Distinction in University examination
 - Extended library facilities and extra tickets given

- Recognition at various forums
- Scholarships/awards and rewards
- The numerous intellectual and cultural programmes within and outside the campus provide exposure to develop their innate talents in organizing and it also serves as a platform for interaction and experiential learning
- They are encouraged to take online courses.
- They are motivated to take up the challenge of public service commission exams like GPSC, UPSC, Staff Selection Commission, and other competitive exams etc.,

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?

✚ The institution collects and analyses data from

- Academic history/Parent feedback
- Attendance records
- Academic Counselling report
- Faculty feedback of the student
- Student behaviour and attitude
- Subject/Classroom/Lab involvement
- Performance in class test, assignments etc.

✚ Remedial Measures for disadvantaged Sections/Slow Learners:

- Special Coaching
- Remedial Classes
- Scholarships
- Financial aid
- Simplified learning material
- Personal counseling

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

✚ The academic activities of the institution are based on the academic calendar of the affiliated university. In the beginning of the academic year/semester, college prepares its own academic calendar, proposing the activities and the probable dates of different activities.

- ✚ Time table committee prepares Time table.
- ✚ HOD of the concerned department prepares action plan & distributes the syllabus to the faculty.
- ✚ Examination committee prepares internal examination calendar.
- ✚ Cultural committee arranges time slots for Annual day, Sports day, Sapthdharma activities, workshops, teacher day, Guest lectures, etc.
- ✚ Question papers and practical examination patterns and scheme of marking are explained to the students in the beginning of the academic year.
- ✚ Students are also evaluated through tests, tutorials and discussion with the students in class room as well as in laboratories during practical hours and seminars and group discussions.
- ✚ The evaluation of the tests, tutorials and home assignment form the basis of judging the performance of the students throughout the year.
- ✚ Self-appraisal report & feedback forms which are filled up by students help to improve teaching quality.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

- ✚ IQAC works as a great guideline agency in our college. Through its mechanism of data- information collection and analysis, it suggests required changes in teaching and learning methods. The following improvements have been brought due to their guidelines.
 - Project based learning
 - Computer assisted learning for students & staff
 - Experimental learning
 - Training programmes
 - Seminars
 - Use of teaching Models and Charts
 - Use of audio- visual aids.
 - ‘Kavya pathan & Shlokan’
 - Group discussion
 - Placement cell invites industrial professionals.
 - The IQAC helps in making right decision in enhancing various facilities in laboratories of the college as the management representatives are also involved.

2.3.3 How learning is made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

- ✚ Student's enthusiasm, involvement and willingness to participate make learning student centric. Several student centric participatory learning methods are practiced by the Institution.
- ✚ Participatory learning activities like presentation of seminars, assignments and project work by referring to listed bibliography, collection of information from Internet and on-line data bases are encouraged.
- ✚ During their academic schedule, PG students are given term projects in which they are encouraged to find suitable project and work on it in a group of 3-4 students.
- ✚ Students need to undergo industrial visit/study tour/field work etc.
- ✚ Students are encouraged to participate in seminars, workshops, 'Saptdhara' program, NCC, NSS and other competitive events.
- ✚ Remedial coaching is provided for weaker students.
- ✚ Repeat practicals are beneficial to both slow and advanced learners. As lecture method is often boring without active participation of the students. They actively participate and freely ask their difficulties.
- ✚ In science stream experimental methods are adopted that make teaching and learning more student centric.
- ✚ Various departments conduct a number of activities like seminars, debate and elocution on current issues, group discussion, and science quiz. Such activities develop stage courage, skills of expression, thinking power among the students.
- ✚ A culture is imbibed among the student that the acquisition of the knowledge and the skills not only takes place during their affiliation with the college but it is a lifelong learning process
- ✚ Faculties deliver lectures in SANDHAN in audio-visual integrated classroom which helps students in individual learning.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

- ✚ The institution envisages the all-round development of every student. To contribute progress in learning, the institution exercises student centered approach.
 - Group discussion, quiz, case study, Poster presentation and seminars.
 - Library is well established with student internet facilities also Wi-Fi campus to access internet
 - Special computer training workshops for those who do not know computer.
 - Students work in Mathematica software in Mathematics laboratory.

- Students of physics learn programming in language C.
- Various charts & models are prepared by Mathematics department.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

- + Lectures are taken using audio visual aids in Class rooms & laboratories.
- + Internet facility is provided to teacher for further learning under NME-ICT scheme of central government.
- + Various lectures are taken by industry experts/subject experts.
- + The faculties/ students are also encouraged to use computer software packages for meaningful analysis of the sophisticated experimental data collected/acquired by them.
- + INFLIBNET (N-LIST) is subscribed.
- + Virtual class room is developed under CPE scheme.
- + SANDHAN of KCG telecasts lectures live in the colleges for all the students and faculties. Some of our faculty members have delivered lectures on BISAG, Gandhinagar.
- + Under NME-ICT project, institute has been provided 10 internet connections with 512 kbps & one connection with 5 mbps speed.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- + The students and the faculty keep pace with recent developments in their disciplines by pursuing research journals, latest reference books, participating in national seminars / workshops / symposium / summer schools / Industrial visit / refresher courses / internet browsing and interactions with experts.
- + The students are encouraged to read the magazines, journals, CD-ROM data bases and latest information available on the internet.
- + Special lectures are organized and outside experts address the students and teachers, which also helps in equipping students and faculty with latest information and talent developments.
- + For staff, the institution sends faculties to various training and development programs according to their interest and skills. In addition to that science departments have purchased the advanced sophisticated instruments.
- + Faculty members and students are encouraged to take membership of professional and academic bodies.

- ✚ Also, the courses, their contents, the text and reference books are periodically updated to keep pace with the rapid changes.
- ✚ Teachers do attend orientation Courses and Refresher Courses.
- ✚ The recent titles on various subjects, research journals, online books, journals periodicals and internet facility are available in the library.
- ✚ Faculty members and students use these resources to keep themselves in touch with the modern development in various subjects.
- ✚ Important books, articles and information are downloaded and used by faculties and students.
- ✚ Many departments encourage students to collect and display news-paper cutting of the articles on the recent development in the subjects.
- ✚ Display of wall magazines with the articles on recent topics is also one of the ways used to update the knowledge of the students.

2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

- ✚ Students having problems with communication skills in English were asked to join English improvement classes in the college.
- ✚ Irregularity in attending classes was minimized by individual counselling.

Psycho-Social

- ✚ Students were informed about competitive exam, job scopes and opportunities for further studies by inviting employment department expert.
- ✚ Students with financial problems are given suggestions of scholarships available.
- ✚ Some students suffering from a feeling of inferiority are helped to develop positive self image arranging personality development workshop.
- ✚ Students weak in studies are helped by providing them motivation and by asking them to be regular in college.
- ✚ Students are motivated to participate in extra-curricular activities.
- ✚ Helping students to adjust in hostels.
- ✚ Career and counselling as well as enhancing initiative for competence building various workshops and expert lectures are arranged.
- ✚ Teacher acts as an academic adviser.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- ✚ The faculties are insisted to train themselves in ICT in addition to the traditional chalk and talk method. The students are important part of the entire educational system and therefore, for the better understanding of the subject, teachers practice various teaching- learning methods.
 - Lecture Method, Interactive Method, and Project based learning.

- Computer assisted learning, Experimental learning/ Practicals.
- Conducting and participating in seminars and workshops.
- PG students do project work.
- Training through working models.
- Industrial/ field visits/ Practical training .
- Guest lectures, Educational tours, Language lab
- Use of LCD and OHP and other audio visuals.
- Blended learning
- Peer interaction and learning
- Facilities in the classroom through Wi-Fi to access, E-Content, Videos from the net.
- Group discussion and debates.
- Charts, models, slide etc.

✚ The Institution motivates the faculty to adopt new & innovative approaches by providing ICT arrangements and infrastructure. Such innovative practice has a wide impact on student learning as they develop skills like presentations, communication, analytical, scientific reasoning, creative reading, time management and overall personality development. It enables the teacher to spend more time with individual students and allows students to carry out more independent work.

2.3.9 How are library resources used to augment the teaching-learning process?

- ✚ The Library is well equipped with books, journals, magazine, back volumes, CD, encyclopaedia and thesis including e-books and e-journals.
- ✚ Students are allotted a library hour within the time table to encourage reading habits.
- ✚ Besides this, the Library is kept open from 11.00 a.m. to 5.00 p.m. Staff and students use the library for projects, assignments, reference books and research.
- ✚ Staff members provide reading lists to the learners to supplement teaching learning.
- ✚ Library is fully computerized with SOUL software.
- ✚ Internet facility is available with 'INFLIBNET' for students & staff

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

- ✚ This type of situation occurs rarely that the faculty has not been able to complete the curriculum within the stipulated timeframe. The college teachers manage to successfully shoulder their responsibilities. Sometimes because of illness of

teacher & local Holidays, institution faces challenges in completing the curriculum but the college tries to overcome these challenges through extra classes. The IQAC keeps a check on the syllabus covered by the various departments on regular basis.

- + Two years ago, the university introduced semester system. It created more problems as we had two systems simultaneously – one already in force annual and the other semester. It was very difficult to manage both with the shortage of teaching and non-teaching staff. This problem is still very much there.
- + We took help and even at present take help from our bright M.Sc. students and research students.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

- + Regular feedbacks are obtained from the students
- + Internal quality assurance cell monitors and provides feedback
- + Result analysis is done at the conclusion of tests/examinations.
- + Feedback & suggestions collected in the suggestion box.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt	--	--	--	--	--	--	--
Ph.D.	--	--	15	--	03	--	18
M.Phil.	--	--	01	--	02	01	04
P.G.	--	--	07	02	02	00	11

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

- + Not Applicable. As adequate faculties have been appointed and no scarcity exists.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	02
HRD programmes	00
Orientation programmes	01
Staff training conducted by the university	31
Staff training conducted by other institutions	33
Summer / winter schools, workshops, etc.	04

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- Attitude change workshop
- Soft skill development
- K.M.P.F.
- Audio-visual aids/computer training
- Equipment training workshop(Chemistry)

c) Percentage of faculty

- Invited as resource person in Workshops / Seminars / Conferences organized by external professional agencies – **44.11%**
- Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies- **97.06%**
- Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies – **70.58 %**

2.4.4 What policies/systems are in place to recharge teachers? (Eg: providing research grants, study leave, support for research and academic publications

teaching experience in other national institutions and specialized programmes industrial engagement etc.)

- ✚ Essential requirement for research activity is provided by college. Research laboratory for chemistry also developed.
- ✚ Motivates for participation in conference/seminar/workshop as well as encourage for arranging the conference/seminar/workshop. Travel grant is also sanctioned for international conference participation (Dr.H.M.Ant had been provided 1.03 lacs for the same)
- ✚ U.G.C. and college motivate and help the teacher for publication regarding his/her subject.
- ✚ Teacher has opportunity to visit the various industries.
- ✚ Teacher can play an important role in live education programme throughout the state by delivering a lecture through BISAG (Bhaskaracharya institute for space application and geo-informatics)
- ✚ College sanctions leave for participation in various programmes regarding, Teaching learning and evaluation as well as research too. The institution provides duty leave to faculty for participating and presenting papers at state, national and international conferences.
- ✚ **Details of seminars/conferences/workshops attended by teachers during Post Accreditation period:**

Sr No	Date	Title of Seminar/ Workshop/ Conference	Name and Place of Organizing Institute	Paper Presented Yes/No	Remarks
Dr.S.S.Shah					
1	10-09-07	State Level Workshop on IQAC	Saurashtra University, Rajkot	No	Organised by Ambedkar Uni.
2	09-12-07	State Level Seminar on Recent Chemical Advances	N.G.University, Patan	No	UGC Sponsored
3	12-01-08 to 17-01-08	Executive Development Programme for College Principal	University of Pune, Pune	No	Sponsored by Association of Indian College Principals
4	28-02-08	Recent Trends and Future Challenges in Chemical Sciences	Pramukh Swami Science College & H.D.Patel Arts College, Kadi	Yes	UGC Sponsored State Level Seminar
5	05-07-08 to 07-07-08	Principals' Workshop-KARMYOGI Talim Shibir	Gandhinagar	No	Organised by Com. Higher Edu., Guj. Govt.
6	05-07-09 to 07-07-09	28 th Annual Conference	Department of chemistry, Hem. N.G.University, Patan	No	Organized by Indian Council of Chemists

7	31-01-10	Advances in Chemical Sciences	Municipal Arts and Urban Bank Science College, Mehsana	No	State Level Seminar
8	18-04-10	State Level Seminar Semester System & General Issues of Colleges	C U Shah City Commerce College, Ahmedabad	No	Organized by Gujarat State College Principals' Association
9	19-10-10	User Awareness Programme Under N-LIST Programme	Hem. N.G.University, Patan	No	University Sponsored
10	22-10-10	Capacity Building Programme for Principals & Faculties of Science Colleges in Gujarat	Gujarat Science City, Ahmedabad	No	Jointly Organized by KCG & GCSC
11	20-11-10	CBCS and Internal Evaluation Workshop	Hem. N.G.University, Patan	No	University Sponsored
12	25-11-10 to 26-11-10	International Conference on "Themes of Higher Education: Prospects of Gujarat"	Pandit Deendayal Petroleum University, Gandhinagar	No	Jointly Organized by KCG, Dept. Edu. & Pandit Deendayal Petroleum University
13	23-05-11 to 25-05-11	Capacity Building TOT Programme (CBCS)	Pandit Deendayal Petroleum University, Gandhinagar	No	Organized by KCG & Dept. of Edu.
14	21-06-11	CBCS and Semester New Syllabus Sem I & II Workshop	Municipal Arts and Urban Bank Science College, Mehsana	No	University Sponsored
15	22-06-11 to 23-06-11	Capacity Building TOT Programme (CBCS)	Arts & Commerce College, Ider	Yes	Organized by KCG
16	02-08-11	Workshop for SANDHAN 2011-12	BISEG, Gandhinagar	No	Organized by KCG
17	18-08-11	Colloquium Programme for Principals	Municipal Arts and Urban Bank Science College, Mehsana	No	Organized by KCG
18	12-01-12 to 15-01-12	Institution Building: Creating An Institute Of Excellence	IIT, Delhi	No	Nation Level Workshop Organized by IIT, Delhi
19	18-02-12 to 20-02-12	13 th National Conference	Veer Narmad South Gujarat University, Surat	No	Organized by AICP & Veer Narmad South Gujarat University
20	26-08-12	New Syllabus as per CBCS Pattern	Sheth M N Science College, Patan	Yes	UGC Sponsored
21	10-09-12 to 11-09-12	A Short Term Course for Principals	Academic Staff College, Gujarat University	No	UGC Sponsored
Dr. R.S. Dave					
1	09/12/07	Two Days Seminar On Recent Chemical Advances	Dept. Of Chemistry & North Guj. CTA, H. N. Guj. Uni.,Patan.	NO	State Level

2	24/09/08	Seminar On New Curriculum For Sybsc In 2008-09	Dept. Of Chemistry, Science College, Mehsana (North Gujarat).	-	State Level
3	26-28/12/08	27 Th Annual Conference Of Indian Council Of Chemists	Dept. Of Chemistry, Gurukul Kangari Vishwavidhyalaya Haridwar (U.P.).	yes	National Level
4	27-30/06/09	Conference On Indian Astronomy , Ancient & Modern - 2009	The Indian Planetary Society, Town Hall Ahmedabad (Gujarat).	NO	State Level
5	7-10/11/09	28 Th Annual Conference Of Indian Council Of Chemists	Dept. Of Chemistry, Hem. N. Guj. University, Patan (Gujarat).	yes	National Level
6	31/01/10	Advances In Chemical Sciences	Dept. Of Chemistry, Science College, Mehsana (Gujarat).	yes	State Levels
7	23/02/10	Workshop On Applications Of Spectroscopic Techniques In Chemistry	Dept. Of Chemistry, Smt. M. G. Panchal Science College, Pilvai	NO	State Levels
8	8-9/12/10	Two Day Seminar On MMI Training Program For Master Trainers	KCG Gujarat & Dept. Of Higher Education, PSS College, Kadi (Gujarat).	-	State Levels
9	1-2/02/11	National Conference On Challenges To Chemical Sciences In 21 St Century	Dept. Of Chemistry, Hem. N. Guj. University, Patan (Gujarat).	yes	National Level
10	12/08/11	Tenth Maths Science Project Exhibition Of Vijapur Taluka	Dept. Of Chemistry, Science College, Pilvai (Gujarat).	-	As a Judge
11	25-26/03/11	I St International Conference On Nanotechnology	Institute Of R & D , Gujarat Forensic Sciences University, Gandhinagar (Gujarat).	yes	International level
12	05/05/11 to 09/06/11	Advance Chrometographic Course On GC & HPLC	Advance Analytical Research And Training Institute, Ahmedabad (Gujarat).	-	UGC sponsored
13	05/05/11 to 09/06/11	Basic Pharmaceutical Corse	Advance Analytical Research And Training Institute, Ahmedabad (Gujarat).	-	UGC sponsore d
14	15/06/11	Cross Disciplinary International Seminar On Creating Excellence For Sustainable Society	Hem. N. Guj. University, Patan (Gujarat).	yes	International level
15	10-13/11/11	International Conference On Life Science	Pavan Edu. Trust, Danta & Dept. Of Life Science , Hem N.G.University, At Ambaji (North Guj).	-	International level
16	17/12/11	One Day Seminar On Green Chemistry – Some Advance Trends And Problems In Green Chemistry	Dept. Of Chemistry, Sir P. T. Science College, Modasa. (North Gujarat).	As a Judge	UGC sponsore d State level
17	27/12/11	Seminar On New Curriculum For Sybsc Sem-III In CBCS 2012.	Dept. Of Chemistry, M.N.Science College, Visnagar (North Gujarat).	-	State Level

18	19/02/12	2 nd National Conference On Contemporary Developments At Biotech-Bioinformatics Interface	BIT Virtual Dept. Of Life Science , Hem. N. Guj. University, Patan (Gujarat).	Yes	National Level
19	26/02/12	26 Th Gujarat Science Congress	Guj. Sci. Academy & Faculty Of Science M.S.Uni. Baroda.	-	State Level
20	26/08/12	Seminar On New Curriculum As Per CBCS Pattern For Tybsc In 2012 And CTA Meet.	Dept. Of Chemistry, M.N.Science College, Patan.North Gujarat.	-	UGC sponsored State level
21	26-28/09/12	31 St Annual Conference Of Indian Council Of Chemists.	Dept. Of Chemistry, Saurashtra University, Rajkot.	-	National Level
Dr. G. G. Barat					
1	09/12/07 to 09/12/07	Recent Chemical Advances	Dept. Of Chemistry Hem. N. Guj. University Patan	No	State Level
2	26/09/09 to 28/09/09	26 th Annual Conference Of Indian Council Of Chemists	Dept. Of Chemistry Dr. H. S. Gour University Sagar (M.P.)	Yes	National
3	06/02/09 to 8/02/09	National Conference On Green Chemistry	Dept. Of Chemistry VNSG University, Surat	No	National
4	15/09/09	Gsc-2009	Dept. Of Chemistry Vnsg University, Surat	No	State Level
5	26/09/09 to 27/09/09	Workshop On Symmetry, Group Theory And Spectroscopy	Navyug Science College, Surat	No	Workshop
6	07/11/09 to 11/11/09	28 th Annual Conference Of Indian Council Of Chemists	Dept. Of Chemistry Hem. N. Guj. University, Patan	Yes	National
7	31/01/10	Advances In Chemical Sciences	Dept. Of Chemistry Science College, Mehsana	No	State Levels
8	23/02/10	Workshop On Applications Of Spectroscopic Techniques In Chemistry	Dept. Of Chemistry Smt. M. G. Panchal Science College, Pilvai	No	State Levels
9	23/12/10	Fundamentals Of Quantum Chemistry And Group Theory	Navyug Science College, Surat	No	Workshop
10	04/02/11 to 07/02/11	15 th ISCB International Conference	Dept. Of Chemistry Saurashtra University, Rajkot	Yes	International
11	28/02/11 To 01/03/11	Chemistry: Contributions To Well Being Of Mankind	Dept. Of Chemistry Science College, Kadi	No	National Level
12	04/09/11 to 05/09/11	Recent Trend And Challenges In Dyestuff Industry	B. K. M. Science College, Valsad	No	State Level
13	17/12/12	Green Chemistry- Some Advanced Trends And Problems	Sir P.T.Science College, Modasa	No	State Level
14	31/12/12	The Role Of Chemists In Industries And Research	Arts, Science And Commerce College, Pilvai	No	National Level
15	02-04/02/12	National Workshop On Frontiers In Chemistry	Dept. Of Chemistry S. P. University, V.V.Nagag	No	National Level

16	27-28/03/12	Recent Trends In Chemistry	Dept. Of Chemistry VNSG University, Surat	Yes	National Level
Dr. K.N. Patel					
1	07/12/07	One Day State Level Seminar On Recent Chemical Advances	Department Of Chemistry Hem. N. G. University, Patan		Seminar
2	02/03/08 to 07/03/08	Pittsburgh Conference On Analytical Chemistry And Spectroscopy	PITTCON Conference & Expo-2008, New Orleans, USA	Yes	
3	06/07/08	State Level Seminar On Co-Operation Between Government And People In The Field Of Education	Department Of Education, Ganpat University, Kherva (N.G.)		Seminar
4	28/09/08	State Level Conference Current Trends In Drug Discovery And Its Application	Sheth M.N. Science College Patan,(N.G.)	Yes	
5	22/10/08	Maths-Science Exhibition Of Distric Level	DIET, Mehsana B.Ed. College, Ranchhodpura	-	Nirnaya k,
6	07/11/09 to 10/11/09	Conference Of Indian Council Of Chemists	Department Of Chemistry Hemchandracharya North Gujarat University, Patan		
7	31/01/10	State Level Seminar On Advances In Chemical Sciences	Muni.Arts &Urban Bank Science College, Mehsana (N.G.)		Seminar
8	23/02/10	Application Of Spectroscopic Techniques In Chemistry	Arts, Science & Cmmerce College Pilvai,(N.G.)		Seminar
9	May-June-2010	Soil Testing Analysis	Arts, Science And Commerce College, Pilvai	-	Active Participation
10	12/08/10	Maths-Science Exhibition Of District Level	DIET, Mehsana Arts, Science & Commerce Collge-Pilvai	-	Nirnaya k,
11	01/02/11 to 02/02/11	National Conference On Challenges To Chemical Sciences In Twenty First Century	Department Of Chemistry Hemchandracharya North Gujarat University, Patan	Yes	
12	28/02/11 to 01/03/11	Chemistry : Contributions To Well-Being Of Mankind	Pramukh Swami Science College, Kadi		Workshop
13	15/05/11 to 16/05/11	Cross Disciplinary International Seminar On Creating Excellence For Sustainable Society	Hemchandracharya North Gujarat University, Patan	Yes	
14	05/05/11 to 09/06/11	Advance Chromatographic Course & Basic Pharmaceutical Course	Advance Analytical Research & Training Institute, Ahmedabad		Training
15	14-15/09/11	Maths-Science Exhibition Of Taluka Level	DIET, Mehsana Primary School, Vajapur	-	Nirnaya k,

16	17/12/11	Green Chemistry- Some Advance Trends And Problems In Green Chemistry	Sir P.T.Science College- Modasa(S.K.)	-	
17	31/12/11	The Role Of Chemists In Industries & Research, IYC-2011	Arts, Science And Commerce College, Pilvai		
18	19/02/12	2nd National Conference On Contemporary Developments At Biotech-Bioinformatics Interface	GSBTM Department Of Life Science Hemchandracharya North Gujarat University, Patan		
19	21-23/03/12	Three Day Workshop On Promotion Of Culture Of Quality Through Research	KCG Department Of Education Government Of Gujarat		Workshop
20	9-1/04/12	Two Days National Workshop On Advances In Chromatography	Shree S.K.Patel College Of Pharmaceutical Education & Reserch, Ganpat University,Kherva (N.G.)	Yes	
21	26/08/12	Workshop On New Syllabus As Per CBCS Pattern	Sheth M.N. Science College Patan,(N.G.)	-	
Dr. R.G.Parmar					
1	07/11/09 to 10/11/09	28 th Annual Conference of ICC	Dept. of Chemistry H.N.G.U. Patan	NO	Attended
2	31/01/10	State level Seminar on Advances in Chemical Sciences	Arts and Science College, Mehsana	NO	Attended
3	23/02/10	UGC Sponsered State level Seminar on Application of Spectroscopic techniques in Chemistry	Arts, Science and Commerce College, Pilvai	NO	Attended
4	May-June-2010	Soil testing Analysis	Arts, Science and Commerce College, Pilvai	-	Active Participation
5	12/08/10	Maths-Science exhibition of Primary schoo At. Taluka level	Arts, Science and Commerce College, Pilvai.	-	Nirnaya k
6	23/12/10	State level workshop on fundamentals of quantum chemistry, symmetry & group theory	Navyug Science College, Surat	NO	Participated
7	01/02/11 to 02/02/11	National Conference on "Challenges to Chemical Science in twenty First Century"	Dept. of Chemistry H.N.G.U. Patan	YES	ORAL
8	28/02/11 to 01/03/11	National level workshop on "Chemistry : Contributions to well-being of mankind"	Pramukh Swami Science and H.D. Patel Arts College, Kadi	NO	Attended

9	05/05/11 to 09/06/11	“Advance Chromatographic Course” and “Basic Pharmaceutical Course”	Advance Analytical Research & Training Institute, Ahmedabad	-	Attended
10	31/10/11 to 05/11/11	“Training and Capacity Building Programme in Chemistry”	Organized by Knowledge Consortium of Gujarat held at AMA, Ahmedabad	-	Attended
11	17/12/11	“Green Chemistry-Some advance Trends and problems in green Chemistry”	Sir P.T. Science College, Modasa	-	Attended
12	31/12/11	“The Role of Chemists in Industries & Research”	Arts, Science and Commerce College, Pilvai.	-	Attended
13	26/08/12	UGC Sponsored One day University level Workshop on “New Syllabus as per CBCS Pattern”	Sheth M.N. Science College, Patan.	-	Attended
Dr. G. R. Jani					
1	28/02/08	Recent Trends And Future Challenges In Chemical Sciences”	Arts & Science College, Kadi.	-----	
2	28/09/08	Currents Trends In Drug Discovery And Its Application	Sheth M.N. Science College, Patan.(Sponsored By GUSCOT)	-----	
3	28-30/05/09	Training For Quality Improvement In Higher Education”	By Commissioner Of Higher Education, At SPIPA, Ahmedabad.	-----	
4	31/01/10	State Level Seminar On Advances In Chemical Sciences	Arts And Science College, Mehsana	-----	
5	23/02/10	UGC Sponsered State Level Seminar On Application Of Spectroscopic Techniques In Chemistry	Arts, Science And Commerce College, Pilvai	-----	
6	23/12/10	State Level Workshop On Fundamentals Of Quantum Chemistry, Symmetry & Group Theory	Navyug Science College, Surat	-----	
7	25/01/11	“Cryptography @ Computer Safety”	State Level Seminar Ugc Sponsored, Mathematics Dept. C.U. Shah Science College, Ahmedabad.	-----	
8	28/02/11 To 01/03/11	Chemistry: Contributions To Well-Being Of Mankind	“UGC Sponsored National Level Work Shop” Arts And Science College, Kadi.	YES	
9	25-26/03/11	First International Conference On “Forensic Nanotechnology”	Forensic Science University, Gandhinagar.	YES	

Dr V.B.Modi					
1	07/12/07	One-day State Level Seminar on Recent Chemical Advances	Department of Chemistry, Hem. North Gujarat University-Patan	No	State Level
2	01/02/11	National Conference on Challenges to Chemical Sciences in Twenty First Century	Department of Chemistry, Hem. North Gujarat University-Patan	No	National Level
3	28/02/11 To 01/03/11	Chemistry Contributions To Well-being of Mankind	Department of Chemistry, Pramukh Swami Science & H.D.Patel Arts College-Kadi	No	State Level
4	07/12/11 To 08/12/11	State Level WorkShop on Chromatographic And Spectroscopy Techniques	Department of Chemistry, Sheth M.N.Science College-Patan	No.	WorkShop
5	17/12/11	Green Chemistry-Some Advanced trends and Problems	Department of Chemistry, Sheth P.T.Science College-Modasa	No.	State level
6	31/12/11	Roll of Chemistry in Industries and Reserch	Department of Chemistry, Arts, Science & Commerce College-Pilvai	No.	State Level
7	19/02/12	Contemporary Developments At Biotech-Bioinformatics Interface (National Level)	Department of life science, Hem. North Gujarat University-Patan	Yes Oral	Best Oral Presentation
8	12/03/12 To 17/03/12	Soil Health Card Programme,2012	Soil Testing Laboratory Pilvai,Dist.Mehsana	No.	WorkShop
9	26/08/12	One Day University Level Workshop on "New Syllabus as per CBCS Pattern"	Department of Chemistry, Sheth M.N.Science College-Patan	No.	State Level

Shri H.M. Hinsu					
1	27/06/09 To 30/06/09	Conference Indian Astronomy, Ancient & Modern-2009	Indian Planetary Society (IPS) Town Hall Ahmedabad	No	
2	08/12/10 & 09/12/10	Workshop CBCS	KCG (Science College, Kadi)	No	
3	03/03/11 To 05/03/11	Orientation Program for the Physics Teacher by KCG	Gujarat Science City Ahmedabad	No	
4	20/06/11	Workshop CBCS, F.Y.B.SC.Course Design	R.R.Mehta College of Science & C.L. Parikh College of Commerce, P.A.: -Palanpur (B.K.)	No	

5	26/08/12	Workshop B.SC. Course & PTA	UGC & Science College, Patan	No	
Shri S.B. Nayee					
1	09/10/10	One day seminar on Physics Education & Research	Pramukh swami science & H.D.Patel Arts College, Kadi	No	
2	22/10/10	Capacity Building Programme for Principals & faculties For science college in Guj.	Knowledge consortium of Gujarat & Gujcost, science City, Ahmedabad	No	
3	12-13/11/10	National workshop on Laboratory Astrophysics & Application to cosmic Dust	M.G.Science Institute Ahmedabad	No	
4	5/12/10	One day seminar on Current Trend in Physics	Bhavan's Science College & Indian National Science Academy, Ahmedabad	No	
5	17/12/10	One day workshop on Quantum Mechanics	IAPT & INSA & V ikram Sarabhai community Science centre, Ahmedabad	No	
6	18/02/11	Career Induction Camp-2011	Deepchand Gardi Chair & Deptt. of Mathematics H.N.Guj.University, Patan	No	
7	8-10/03/ 11	Capacity building program. Science Teachers Of Higher Education, Gujarat	Knowledge Consortium Of Gujarat & Gujcost, Science City, Ahmedabad	No	
Dr. C.A. Patel					
1	16/01/09	Nanotechnology	M.N.College, Visnagar	No	Judge
2	25/09/09 to 26/09/09	Physics Education And Research "The Changing Scenario"	Dept. Of Physics, Smt.S.M.Panchal Science College, Talod-383215, Di:S.K., Gujarat	Yes	State Level Seminar
3	08/03/10	Nanotechnology Today And Tomorrow	Chemical Engineering Dept., Nirma University, Ahmedabad	No.	National Level
4	09/10/10	Physics Education And Research	Dept. Of Physics, Pramukh Swami Science & H.D.Patel Arts College, Kadi	Yes	State Level
5	12/11/10 to 13/11/10	Laboratory Astrophysics: Applications To Cosmic Dust	M.G.Science Institute, Ahmedabad	NO	National Level
6	05/12/10	Curren Trends In Physics	Bhavan's Sheth R.A.College Of Science, Ahmedabad	No	Nil
7	18/02/11 to 19/02/11	Recent Trends In Theoretical And Experimental Physics(NCRTTEP)	Department Of Physics, RPTP Science College, Vallabh Vidhyanagar, Gujarat.	No	National Level
8	20/06/11	Physics Syllabus Preparation For Sem-I And Sem-II As Per CBCS And Semester System	Department Of Physics, R.R.Mehta College Of Science & C.L.Parikh College Of Commerce, Palanpur(Di:B.K) (Gujarat)	Nil	Nil
Ku. N.V. Patel					
1	30-31/01/09	National seminar on 'Analysis and Application'	Dept. of Mathematics, M.S. Uni. Baroda	No	

2	17/09/09	One day training Pro. 'General Awareness'	The young citizen of India Charitable Trust, Mehsana	No	
3	08/08/09	State Level Conference on 'Ethanobotany and Biodiversity'	Science College, Pilvai	No	
4	25/12/09 to 27/12/09	Annual Conference of Gujarat Ganit Mandal	Sir P.T.Science College, Modasa	No	
5	2-3/1/10	State level workshop on 'Application of Matlab in Mathematical science.	P.S.Science College, Kadi		
6	12/01/11	One day training Pro. 'General Awareness'	The young citizen of India Charitable Trust, Mehsana	No	
7	25/01/11	State level seminar on 'Cryptography & Computer & safety'	C. U. Shah Sci. College, Ahmedabad	No	
8	5/12/11 to 10/12/11	Training And Capacity Building Programme In Mathematics.	AMA, Ahmedabad		
9	29/2/12 to 1/3/12	Varsik Sangoshthi Sibir	Panchayat Talim Kendra, Sadra		
10	9/3/12	Workshop on Curriculum Design Mathematics	P.S.Science college, Kadi		
11	21/3/12 to 23/3/12	A workshop on "Promotion of Culture of Quality through Research"	KCG and Higher Education at P.S.Science College, Kadi, Dist Mehsana.	No	
Shri M. P. Arvadia					
1	01/09/08 To 21/09/08	Refresher Course	Academic Staff College, Gujarat University Ahmedabad.		
2	28/05/09 to 30/05/09	Training programmed entitle – Training for quality Improvement in Higher Education from	SPIPA and Commissioner of Higher Education		
3	25-27/12/09	Attended 46 th 'Varshik Adhiveshan-2009'	Gujarat Ganit Mandal at Modasa		
4	2-3/01/10	Attended UGC sponsored state level workshop on 'Applications of Matlab in Mathematical sciences'	Pramukh Swami Science College- Kadi		
5	28/01/10	Attended UGC sponsored state level workshop on 'Prologue and Relevance of Matlab'	Shri R. K. Parikh Arts and Science College-Petlad		
6	25/01/11	Attended UGC sponsored state level seminar on 'cryptography @ computer & safety'	department of mathematics, C. U. Shah Science College- Ahmedabad		
7	21-22/06/11	Attended two days workshop on " Capability Building ToT Programme (CBCS) organized by Knowledge Consortium of Gujarat (KCG), Department of Education	G. D. Modi College of Arts, Palanpur.		

8	05-10 /12/11	Training and Capacity Building Programme in Mathematics	Knowledge Consortium of Gujarat at Ahmedabad Management Association, Ahmedabad		
9	12/03/12 to 18/03/12	A short term Course on ICT Skill Improvement	UGC Academic Staff College, Gujarat university, Ahmadabad.		
Shri K.A. Patel					
1	10-11/04/08	Seminar "Chaos Theory" (GUJCOST)	M.G. Sci., College, Ahmedabad		
2	25/05/09 to 27/05/09	Training Programmed Entitled – Training For Quality Improvement In Higher Education from	SPIPA and Commissioner of Higher Education		
3	25-27/12/09	Attended 46 th 'Varshik Adhiveshan-2009'	Gujarat Ganit Mandal at Modasa		
4	2-3/01/10	Attended UGC sponsored state level workshop on 'Applications of Matlab in Mathematical sciences'	Pramukh Swami Science College-Kadi		
5	28/01/10	Attended UGC sponsored state level workshop on 'Prologue and Relevance of Matlab'	Shri R.K.Parikh Arts and Science College-Petlad		
6	08/03/10	National seminar on "Nano Technology: today and tomorrow"	Nirma Uni., Ahmedabad		
7	15-16/03/10	Workshop on "Solving Mathematical Problems by Software"	M.G.Sci., College, Ahmedabad		
8	19/10/10	Seminar on 'User awareness Program under N-List Program	H.N.G.University, Patan		
9	25/01/11	Attended UGC sponsored state level seminar on 'cryptography @ computer & safety'	Department of mathematics, C.U.Shah Science College- Ahmedabad		
10	16-18/12/11	International Conference on Applied Mathematics and Statistics.	Department of Mathematics and Statistics, Gujarat University, Ahmedabad	Yes	
11	12/03/12 to 18/03/12	A short term Course on ICT Skill Improvement	UGC Academic Staff College, Gujarat university, Ahmadabad.	-	
12	21/3/12 To 23/3/12	A workshop on "Promotion of Culture of Quality through Research"	KCG and Higher Education at P.S.Science College, Kadi, Dist Mehsana.		
13	7/12/12 To 8/12/12	"National Conference on advances in mathematical sciences"	Arts, Science & Comm. College, Pilvai. & Science College, Kadi	Yes	

Dr. H. M. Ant					
1	27/09/08	National Conference	Science College, Petlad	No	
2	12-13/07/08	Workshop on Biodiversity	H.N.G. Uni. Patan.		
3	21/12/08	6 th Annual Convention of North Gujarat Uni. Bioscience Society	Science College, Kadi		
4	9-10/01/09	National Seminar	Science College, Talod	No	
5	28-29/01/09	Workshop on roll of higher education in wildlife conservation	Wild life division Gandhinagar		
6	1-12/06/09	National Integration Camp	Itanagar, Arunachalpradesh		
7	16/07/09	Workshop on SCODO GI & TK	Depart. Of Botany, Gujarat Uni., Ahmedabad		
8	08/08/09	UGC Sponsored State Level Seminar	Science College, Pilvai	Yes	Organizing Secretary
9	26/11/09	Seminar on User Awareness Programme on E-Resources (UGC- InfoTech)	H.N.G. Uni. Patan		
10	05/03/10	National Conference	Department of Life Sciences, Patan		
11	9-14/05/10	12 th International Congress of Ethnobiology	Tofino, Canada	Yes	
12	11-20/07/10	Combined Annual Training Camp –I	Science College, Pilvai		
13	21-30/07/10	Combined Annual Training Camp –II	Science College, Pilvai		
14	30-31/08/10	Paryavaran Sanskaran	Van Sankul, Gandhinagar		
15	03/01/11	UGC Sponsored State Level Seminar	J.&J. College of Science, Nadiad		
16	29/01/11	National Conference	Science College, Palanpur		Referee in Oral presentation
17	21/06/11	Workshop in Botany	Modasa		Participant
18	26/08/11 to 04/09/11	Combined Annual Training Camp -VI	Ahmedabad		
19	31/10/11 to 5/11/11	Training and capacity building programme in life sciences	Knowledge Consortium of Gujarat (KCG), AMA, Ahmedabad		
20	10/11/11 To 13/11/11	International Conference on Lifescience	Ambaji	Yes	
21	20/12/11 To 24/12/11	Seminar cum training course	Jiwaji University Gwalior (M.P.)		Trainee
22	08/04/12	National Seminar on Research Grant and Methodology	Himatnagar		Participant

23	10-19/09/12	Combined Annual Training Camp –VII	NCC Ground, Ahmedabad.		Camp Adjutant
Dr. A. R. Modhvadia					
1	16/11/07 to 17/11/07	National conference on 'Plant in relation to man and biosphere'	St. Xavier's College, Mumbai	No	--
2	27/09/08	National conference on Taxonomy	Science college, Petalad	No	--
3	09/01/09 to 10/01/09	Seminar on 'Environmental Biotechnology'	Smt.S.M.Panchal Science College, Talod	No	--
4	26/02/09 to 28/02/09	Training on taxonomy and applications of Grasses	GEER Foundation Gandhinagar	No	Discussion
5	27/06/09 to 30/06/09	Conference on 'Indian Astronomy'	Town Hall, Ahmedabad	No	--
6	16/07/09	Workshop on Scouting, documentation and dissemination of Grass root'	Gujarat University Ahmedabad	No	--
7	08/08/09	State level conference on Ethnobotany and Biodiversity'	Arts, Science & Commerce College, Pilvai	Yes	Convener
8	05/03/10	National level conference on 'Biotech-Bioinformatics'	Hem.N.G.University Patan	No	--
9	22/04/10	State Level Workshop	GEC, Gandhinagar	No	--
10	30/08/10 to 31/08/10	'Sanskaran Programme	Forest dept. Gandhinagar	No	--
11	31/10/10 to 05/11/11	Training and Capacity Building Programme in Life Science	Ahmedabad Management Association by KCG	No	Discussion
12	03/01/11	State level seminar on Recent perspectives in Biological Sciences	J. & J. Science College, Nadiad	No	--
13	29/01/11	National Conference on Role of taxonomy in Biodiversity'	R.R. Mehta Science & C.L.Parikh Commerce College, Palanpur	No	--
14	21/06/11	F.Y.B.Sc. Semester\CBCS Syllabus (Botany)	Sir P.T. Science College, Modasa	No	Discussion
15	10/11/11 to 13/11/11	International Conference On Life Science	Department of Life Sciences Hem.N.G.University, Patan	Yes	--
16	12/03/12 to 18/03/12	"A short Term course on ICT skill Improvement for Associate Professor.	UGC-Academic Staff College, Gujarat University Ahmedabad	No	--
17	08/04/12	One Day National Seminar on "Research Grant and Methodology"	I.K. Patel College of Pharmaceutical Education and Research, Himatnagar	No	--
Dr. C. A. Acharaya					
1	12- 14/02/09	International conference	Nanded (M.S.)	Yes	
2	2007	XXI, Gujarat Science Congress	Bhavnagar	Yes	

3	04/01/08	Gujarat Science Excellence	Ahmedabad,	Yes	
4	05/01/08	National Level Science Symposium	Rajkot	Yes	
5	2009	XXII, Gujarat Science Congress	Surat	Yes	
6	12/03/12 to 18/03/12	A short term Course on ICT Skill Improvement	UGC Academic Staff College, Gujarat university, Ahmadabad.	-	
Dr. M.R.Pandya					
1	8-9/03/07	Greatness of Bhavan's Fortune	Anart Sanskrit Sanskriti Svadhyay santhan, Mehsana	Yes	
2	19/09/07	The secret of unfouchability	Sanskrit seva samiti & Santaram mandir , Nadiyad	Yes	
3	18-19/01/08	Rasvichar, Bharat & Aristotale	R.H.Patel College & Guj. Sahitya Aca.	No	
4	28/02/08	All India Hemachandracharya Samaroh	Dipartment of H.N.G.Uni. Patan	No	
5	24/03/08	The doctrine of life shon	Anart Sanskrit Sanskriti Svadhyay santhan, Mehsana	Yes	
6	26/03/08	Sankrit sahitya ma Samajik chetana	ankrit sahitya Academi & H.K.Arts College , Ahmedabad	Yes	
7	30/03/08	Feature of Etenal Shiv Element	Arts College Mehsana	Yes	
8	13/10/08	Darshan Parishad Seminar	L.D.Arts College Ahmedabad	No	
9	17/12/08	Kalidas Ev Kalidas	Arts College, Anand	No	
10	15/02/09	Mahakavi Bhash And Sanskrit drama	Sanskrit sevasamiti & Dakor Pathshala	Yes	
11	07/03/09	Morden Interpretation Of Ancient Characters	R.H.Patel College,Ahmedabad & Sanskrit Sahitya Academi G'nagar	No	
12	15/03/09	Modern Sanskrit let.	Gujarat rajya Sanskrit sahitya academi & H.K.Arts College,Idar	Yes	
13	30/03/09	Tregedy in the play Urubhang	Mahila Arts college & Sanskrit Academi G'nagar	Yes	
14	03/04/09	Feature of Rudradevata	Prachya vidya mandir Vadodara	Yes	
15	19-20/12/09	Narichetana Ane Krishna Charit	R.H.Patel College Ahmedabad & Sanskrit Academi G'nagar	No	
16	25- 27/12/09	National Sanskrit Seminar	Gujarat rajya Sankrit Adhyapak Mandal & Dayanand Sarsavati vishvvidyalay, Ajamer	Yes	National Seminar
17	31/12/09	One day State level Seminar	Sanskrit Academi G'nagar & Arts & Sci.College,Kalol	Yes	
18	24/01/10	Kavyashastra National Seminar	Arts & Comm. College Balasinor	Yes	National Seminar
19	26-27/02/10	National Seminar	Arts & Comm. College Shamalaji	Yes	National Seminar
20	5-6/03/10	Contribution of Guj. In Sanskrit Literature	Mahila Arts College Vijapur& Anart San. Santhan	Yes	

21	24/03/10	Vedoni Lokabhogyata	Prachyavidyamandir Baroda	Yes	
22	27/03/10	One day State level Seminar	Arts & Comm. College Khedabrahama	Yes	U.G.C.
23	17-18/09/10	Sanskar Vimarsa Sangoshthi	Samarpan Arts College Himatnagar & Aryasamaj G'nagar	Yes	
24	4/12/10	Sanskrit Subhashito Ane Suktio	Arts College, Himatanagar	Yes	
25	11/1/11	Languages-Rasa & Dhvani	C.U.Shah Arts College, A'bad	No	
26	25- 27/02/11	Akhilbharatiy Hemchandracharya Samaroh	Sanskrit Dep. H.N.G.Uni. Patan	Yes	National Seminar
27	05/03/11	Shrimad Bhagavat Geeta ma Yuvanone Prerana	Sanskrit sahitay Academi G'nagar & Arts & Comm. College, Idar	Yes	
28	18-19/12/11	Woman sensibility in Bhagna Panjar	Nimbark Shodh Santhan Himatnagar	Yes	National Seminar
29	21/01/12	Baudhdha Religion & Indian society	Sanskrit sahitya Academi G'nagar & C.B.patel Arts & College,Nadiyad	Yes	National Seminar
30	16-18/03/12	Akhilbharatiy Hemchandracharya samaroh	Sanskrit Dept. H.N.G.Uni. Patan	Yes	National Seminar
31	24-25/03/12	International Sanskrit Conference	Shree Somanath Sanskrit Uni. & Sanskrit Sahitya Academi G'nagar	Yes	Internati onal
32	26/03/12	Smt.A.P.Patel Arts & Com.College, Naroda	Patha Parampara Ane Patha Chayan	Yes	National Workasho p
33	1-2/09/12	International Sanskrit Conference Ane Jain Sanskrit Katha Sahitya	Smt. P.N.R. Shah Mahila Arts & Com. College, Palitana	Yes	National Seminar
34	15-17 /03/1013	Akhilbharatiy Hemchandracharya samaroh	Sanskrit Dept. H.N.G.Uni. Patan	Yes	National Seminar
Dr. I.S. Vaghani					
1	17/01/10	Seminar	Uvarsad (Gandhinagar)	No	Nil
2	3-4/12/10	National Conference	Somnath	Yes	Nil
3	23/08/12	Workshop	Ahemaedabad	No	Nil
Dr.M.S. Prajapati					
1	20-21/02/08	Karmyogi Shibir	Ambaji, Traning Seminar for Lecturers.		
2	28/02/08 to 01/03/08	Hemachandracharya Samaroh	All-India Hemchandracharya, Patan.		

3	8-9/03/08	National Seminar on Veda and Vedanta.	Shri Anart Sans Sanskruti Swadhyay Santhan, And Arts & Commerce College Prantij. Place- Sampad.	Yes	
4	24/03/08	Indion Vedant	Shri Anart Sanskrit Sanskruti Swadhyay Santhan.	Yes	
5	25/03/08	Seminar on Upanishad Sahitya	Samarpan Arts and Commerce College, Gandhinagar.	Yes	
6	30/03/08	Sanskrit seminar	Mehsana, Arts and Science College Mehsana.	Yes	
7	27-28/09/08	Anull Seminar on NSS.	Arts and Commerce College Disa. Place-Sundha.		
8	15/03/09	Sanskrit Sahitya	Arts & Commerce College, Idar. And Sanskrit Sahitya Academic Gandhinagar	Yes	
9	07/05/09	Seminor on Acharya Hemchandra 'Hema-Patha-satra'	HNG Uni.Patan. Sanskrit Annul Conference Gujarat State Uni.& College Sanskrit Teachers Union		
10	08/08/09	Ethnobotany & Biodiversity : The natural biological capital of the earth.	Arts, Science & Commerce College, Pilvai.		
11	15-16/08/09	Seminor on 'Ved'	Arts & Commerce College Mansa.		
12	17/09/09	HIV/AIDS	The Young Citizen Of India Charitable Trust Mehsana & HNG. Uni.Patan		
13	09/01/10.	Indian Philosophy.	Arts & Commerce College Kheralu.	Yes	
14	17/01/10.	Shrimad Bhagavadgita Darsan.	Sankaralok, Uvarsad & Shri Anart Sanskrit Sanskruti Swadhyay Santhan.	Yes	
15	26-27/02/10.	National Seminar on Morden Sanskrit Litt. In the Context of Ancient Sanskrit Literature.	Arts College Shamlaji.		
16	13-14/03/10	National Seminar on Gujarat Darsan.	Shri Anart Sanskrit Sanskruti Swadhyay Santhan. Place- Somanath.		
17	27/03/10	Philosophy on Upanishads	Arts and Commerce College Khedbrahma.	Yes	
18	30/07/10	Sanskrit Mahakavya nu Punarmulyankan.	Arts & Commerce college Talod.		
19	10-12/09/10	Upanishad Sudha	Kailas Gurukul, Mahuva.		
20	04/01/11	Shri Ram- Shri Krishna Jivan Sandash.	Arts and Commerce College, Idar.		
21	12/01/11	HIV/AIDS	The Young Citizen Of India Charitable Trust Mehsana & HNG. Uni.Patan		
22	25/01/11	Cryptography@ Computer & Safety.	C.U.Shah Science College, Ahmedabad.		
23	25-27/02/11	All-India Hemachandracarya Samaroh	Sanskrit Department HNG. Uni.Patan.	Yes	
24	5-6/03/11	Enviournment in Sanskrit Sahitya.	Shri Anart Sanskrit Sanskruti Swadhyay Santhan. Place- Mehsana.	Yes	

Dr. Y.H. Raval					
1	30/08/07	Lecture On 'Zaverchand Meghani'	Neema Girls College, Gozariya	-	Resource Person
2	30/12/07	Workshop On 'NOVEL'	D.N.P. & Arts & Comm. College. Deesa.(B.K.)	NO	Participant
3	01/03/08	7 th Conference	Agas & Smt.R.M.Prajapati Arts College, Satlasana	-	Yearly Conference
4	21/07/08	Lecture On: 'Umashankar Joshi' As A Play-Writer	S.D.Arts & B.R.Comm, College, Mansa	-	Resource Person
5	20/12/08	Adhyapak Karya Shibir, By-Agas	Arts & Comm. College, Kheralu	NO	Participant
6	04/03/09	8 th Conference	Agas & N.P.P. Mahila Arts College, Palanpur	-	Yearly Conference
7	08/03/09	National Symposium On One Act Play	Arts & Comm. College, Mehsana	No	Participant
8	09/03/09	9 th Conference	Agas & Smt. A.S. Chaudhary Arts College, Mehsana	-	Yearly Conference
9	03/09/09	Vidhya Vistar Vyakhyan Mala	Mahila Sarts College, Vijapur	-	As A Secretary
10	07/01/10	'Abhyas Paddati Talim Shibir' (Uni. Level) (Learning Method)	Smt. M.M. Shah Mahila Arts College, Kadi	No	Resource Person
11	09/01/10	State Level Seminar On 'Gujarat Laghukatha'	D.D.Thakkar Arts & K.J.Patel Comm. College, Khedbrahma	No	Participant
12	11/01/10	'Vidhyavistar Vyakhyan Mala' (Uni. Level) Lecture On: 'Kavitano Aasvad'	Mahila Arts Coll. Vidhyanageri, Himmatnagar	No	Resource Person
13	18-19/01/10	Pannalal Patel	Arts College, Shamlaji	Tes	National Seminar
14	30/01/10	'Kavita Ane Tunki Vartanun Sdhyapan' (Adhyapan Karya Shibir)	Sheth H.P.Arts & T.S.M. Comm. College, Talod-Agas	No	Participant
15	15/02/10	Adyapak Karya Shibir	Arts-Comm. College, Ider(S.K.) Agas	No	Participant
16	26-27/02/10	Lok Sahitya	Smt.P.R.Patel Arts College, Palasar	No	State Level Seminar
17	06/06/10	'Yuva Shibir'	Brahma Samaj, Kalol	No	Resource Person
18	14/10/10	'Umashankar Joshi – As A Story –Writer'	New Progressive B.Ed. College, Mehsana. Guj. Sahitya Academi, Gandhinagar	-	Resource Person
19	28/10/10	Educational Seminar Lecture On: 'Books Our Never Failing Friends'	Mehsana District Secondary & Higher Secondary Acharya Sangh-At-Aaglod Dist-Mehsana	-	Resource Person
20	04/12/10	'Gujarati Nayal' Dasha & Disha Guj. Drama : Position & Direction	Mahila Arts Coll. Mehsana & Guj. Sahitya Academi	No	Uni. Level Seminar

21	21/12/10	‘Abhivyakti Talim Shibir’ Lecture On ‘Bhashanklal’ Uni. Level	Smt.C.C.Mahila Arts & Sheth C.N.Comm. College, Visnagar	No	Resource Person
22	26/12/10	‘Education Seminar’	Mehsana District Higher Secondary Teachers’ Association	-	Resource Person
23	29-30/01/11	Akhil Gujarat Vanchan Parishad	Gujarat Sahitya Academi & Vanche Gujarat Abhiyan At-Unza	-	State Level Conference
24	08/03/11	10 th Conference	Agas & H.P.Arts & T.S.M. Comm. College, Talod	-	Yearly Conference
25	21/09/11	Vidhya Vistar Vtakhyan Mala	Mahila Arts College, Vijapur	-	As A Secretary
26	14/12/11	Vidhyarthi Abhyas Shibir As A Secretary -Agas	Arts & Comm. College, Dhansura(S.K.)	No	Participant
27	07/01/12	VICHAR-VANCHAN- SHIBIR Lecture On ‘CHALO VANCHTA THAIAE’	Smt.C.C.Mahila Arts & Comm. College, Visnagar	NO	RESOURCE PERSON
28	17/01/12	Radhuveer Chaudhari- As An Author	Arts & Comm. College, Dhansura(S.K.) & Guj. Sahitya Academi, Gandhinagar	Yes	National Seminar
29	28/03/12	11 th Conference	Agas & Smt.C.C.Mahila Arts & Comm. College, Visnagar	-	Yearly Conference
30	01-02/09/12	Nibandhkal Bholabhai Patel National Seminar	Smt.R.M.Prajapati Arts College, Satlasana	-	Resource Person

Shri D. B. Patel

1	20-22/12/07	Conference	Gujarati Sahitya Parisad & Cultural Forum, Gandhinagar		
2	30/12/07	Workshop [Adhyapak Karyasibir]	Arts & Commerce College,Disa & Aanrt Gujarati no Adhyapk Sangh		
3	01/03/08	7 th conference	Aanat Gujarati no Adhyapak Sangh & Arts College, Satlasana		
4	30/09/08	Vidyavistar Vyakhyanmala- 23,workshop	Mahila Arts College, Vijapur		
5	08/03/09	National Seminar ‘Contemporary one act plays in the westren regional languages’	Arts & Science College, Mahesana		
6	14/03/09	8 th conference	Aanrat Gujarati no Adhyapak Sangh & Mahila Arts College, Palanpur		
7	09/1/2010	National Seminar Gujarati laghu katha:svrup ane satva	Arts&Commerce College, Khedbrahma & U.G.C.		
8	18-19/01/10	National Seminar ‘Pannalal Patelna sahityanu punrh mulyankan’	Arts college,Shamlaji & U.G.C.		

9	26-27/01/10	National Seminar ['Uttar Gujaratni Lokkthaonu Sampadan Karya']	Arts college, Palasar & U.G.C.		
10	09/03/10	9 th Conference	Mahila Arts & Home-Science College, Mahesana		
11	04/12/10	State Level Seminar Gujarati natak : dasa & disa	Mahila College, Mahesana & Sahitya Akadmi, Gandhinagar		
12	08/01/11	Vidyarthi Abhyas Shibir Workshop	Arts, Science & Commerce College, Pilvai		
13	08/03/11	National Seminar 'Saudryasastra : Svrup Ane Vibhavna' And 10 th Conference	Arts & Commerce College, Talod & U.G.C. And A.G.A.S.		
14	17/01/12	National Seminar " Shri Raghuvir Chaudhry Srjak Satra"	Arts & Commerce College, Dhansura & Sahitya Akadmi, Gandhinagar		
15	15/02/12	Adhyapak Karya Shibir Workshop	Arts & Commerce College, Idar		
16	12/03/12 to 18/03/12	S.T.C. On 'Comparative Study Of Literature & Film'	U.G.C. Academic Staff College, Gujarat University, Ahmedabad		
17	28/03/12	11 th Conference	Arts & Commerce College, Visnagar And A.G.A.S.		
Dr. R.R. Pandey					
1	19/12/08	Hindi as a Official Language	C. U. Shah Commerce College, Ahmedabad	Yes	-
2	28/12/09	Tulsidas	Gujrat Vidyapeeth	Yes	-
3	31/12/09	-	Mansa College, Mansa	-	As a Judge for Saptdhara
4	03/02/10	Semester System for P.G.	Gujrat Vidyapeeth	-	As a Committee Member
5	03/01/11	Hindi Sahitya men Dalit Chetna	Arts & Commerce College, Talod	Yes	-
6	21/01/11	Hindi Upanyas	BISAG, Gandhinagar	-	Delivered Lecture
7	26/03/11	Upanyas of Agyey	Arts & Commerce College, Talod	Yes	-
Shri S.M.Vaghera					
1	02/10/07	३१वीं सदीमें हिन्दी साहित्य चुनौतियाँ और संभावनाएँ	देसाई सी एम आर्ट्स एन्ड कॉमर्स कॉलेज, वीरमगाम	No	National
2	16/3/08	आचार्य हजारी प्रसाद द्विवेदी जन्म शताब्दी	आर्ट्स एन्ड कॉमर्स कॉलेज, ईडर	No	National
3	19/12/09 & 20/12/09	साहित्यकार आचार्य हजारी प्रसाद द्विवेदी	आर्ट्स कॉलेज, मोडासा	No	State level

4	09/01/10 & 10/01/10	हिन्दी गुजराती दलित साहित्य	आर्ट्स एन्ड कोमर्स कोलेज , खेरालु	No	National
5	18/01/10 & 19/01/10	आधुनिक हिन्दी कविता में व्यंग्य	आर्ट्स कोलेज,शामलाजी	No	State level
6	23/01/10	हिन्दी कथा साहित्य में दलित विमर्श	आर्ट्स कोलेज,आणंद	Yes	National
7	29/01/10 & 30/01/10	साठोत्तरी उपन्यासों में महिला रचनाकारों की भूमिका	सरकारी विनयन कोलेज , गांधीनगर	No	National
8	19/12/10	शमशेर बहादुरसिंह जन्म शताब्दी वर्ष	गुर्जर भारती गांधीनगर एवं गुजरात हिन्दी साहित्य अकादमी,गांधीनगर	No	National
9	03/01/11	हिन्दी गुजराती साहित्य में दलित चेतना	आर्ट्स एन्ड कोमर्स कोलेज, तलोद	No	National
10	10/01/11 & 11/01/11	प्रेमचन्दोत्तर कथा साहित्य में दलित विमर्श	आर्ट्स कोलेज,पाटन	Yes	National
11	12/03/12 To 18/03/12	A Short Term Course on comparative Study of literature & films	Academic Stafe College Gujrat Uni. Ahemedabad	-	-

Dr S. D. Prajapati

1	16-17Oct 1999	Gujarat Hnidi Pradhayapak Parisad Adhivesan	Arts, Commerce College, Idar	No	State level
2	3 Feb 2003	Madhy kalin hindi sahitya ka Punarmulyankan	Arts , Commerce College , Talod	Yes	State level
3	30 Sep 2006	Aatankavad evam Bharat ki antrik suraksha ke samane padkar	Patrakarvay vibhag , Patan	No	State level
4	14 March 2007	Mahadevi jamn satabadi	S.B.Mahila arts College Himatnagar	Yes	State level
5	23 Sep 2007	Aachary hajariprasad drivedi janmsatabdi	H.K.Arts College Ahmedabad	No	National level
6	2 Oct 2007	21 st sadi me hindi sahitya- chunotiya evam sambhavanaye	C.M. Arts College , Viramgam	No	National level
7	16 March 2008	Aacharya hajariprasad drivedi janmsatabdi	Arts College , Idar	No	National level
8	12 Oct 2008	Jansanchar madhyam evam Hindi	Gurjar bharti , Gandhinagar	No	National level
9	7-8-9 May 2009	All India Hemchandracharya samaroh	H N G U, Patan	No	National level

10	19-20, Dec 2009	Sahityakar aacharya hajariprasad drivedi	Arts College, Modasa	Yes	State level
11	9-10, Jan 2010	Hindi gujarati dalit sahitya	Arts & Commerce College, Kheralu	Yes	National level
12	18-19, Jan 2010	Adhunik hindi kavita me vyang	Arts College, Samalaji	Yes	State level
13	29-30, Jan 2010	Sathottari upanyaso me mahila rachanakaro ki bhumika	Hindi sahitya akademi, Gadhinagar	No	National level
14	19 Dec 2010	Shamsherbahadur janmsatabdi	Gurjar bharti, Gandhinagar	Yes	National level
15	13-14, Dec 2010	Aatmkhata savrup or vikas	S.R.Maheta Arts College , Ahmedabad	Yes	National level
16	3 Jan 2011	Hindi Mahila Khatakar ke Sahitya me nari vimras	N.S.Patel Arts College Anand	Yes	National level
17	10-11, Jan 2011	Pramchandotar Tatha sahityame dalit vimras	Arts College , Patan	Yes	National level
18	23-Jan 2011	Hindi khata sahitya me dalit vimras	N.S.Patel Arts College Anand	Yes	National level
19	29 Sep 2012	Narivad –samaj evam sahitya ke pariprex me	Gujarat Arts Commerce College, Ahmedabad	Yes	National level
20	30 Sep-1Oct 2000	Hindi upanayas karyashala	Arts College Amreli	No	State level
21	29-30, Jun 2009	Hindi sikshak sandarsika nirman	N.C.E.R.T Hindi Vibhag, New Delhi	Yes	National level
22	24-27, Aug 2009	Hindi sikshak sandarsika Nirman	N.C.E.R.T Hindi Vibhag, New Delhi	Yes	National level
23	26-30, oct 2009	Hindi sikshak sandarsika nirman	N.C.E.R.T hindi vibhag, New Delhi	Yes	National level
24	31 July 2011	Gujarat ke mahavidhyalayo me hindi siksna ki vartman sthiti-samsya or samadhan	Kendriy Hindi Sanshan , Agra- Ahmedabad	Yes	National level
25	4-13, Jan 2012	Prasiksan evam yogyata nirman karyashala	K.C.G. Gadhinagar	Yes	State level
26	12-18, March 2012	Sahitya evam film ka tulanatamak adhayan	Academic Staff College , Ahmedabad	Yes	National level
27	18 March 2012	Sahitya Bhasa Sanshodan	Arts College Patan	Yes	State level

Ku. M.B. Datir					
1	30/01/09	“Makers of Modern Gujarat” “Position of Indian Woman In Changing Times”	M. N. College, Visanagar	Partici pate In Debate	
2	15/02/09	“Change of Historical Definition	Science & Arts College, Kadi	Yes	
3	18/09/09	“Maniben Patel” Her Life & Thoughts	Gujarat Vidyapith, Ahmedabad.	No	State Level
4	27/11/09	Historical Concept of Aryasamaj	Arts & Commerce College , Dhansura	As Resour ce Person	State Level
5	07/01/10	Contribution of Social Workers In The Development of Women & Back Ward Castes In India	Arts & Commerce College, Visanagar	No Resou rce Person	
6	06/02/10	“Women In Indian History”	Sardar Patel University, Vallabh-Vidyanagar	Invite d As A Judge	State Level
7	21/02/10	“Reassessment Of Sardar Patel”	S.V. Arts College, Ahmedabad	No	
Shri K.P. Chaudhari					
1	19-21/12/08	Gujarat History Conference Held At Jaypur	Jaipur	No	
2	30/01/09	‘Makers of Modern Gujarat’&Position of Indian Woman In Changing Times.	M.N.College Visnagar	No	
3	15/03/09	Conference Held By History Professor Asso.Sub-Life And Works of Subhashchandra	P.S.Science&H.D.Patel Arts College,Kadi	Yes	
4	16/03/09	Gujarat Sahitya Academy,Gandhinagar&Govt .Gujarat Suported State Level Seminar On-Gujarat In The 19 th Century	B.J.Institute Of Learning&Research,Ahmedab ad.	No	
5	18/09/09	Gujarat Vidhyapith&Gujarat Itihas Parishad Suported State Level Seminaron-Life And Works of Manibahen Patel.	Gujarat Vidhyapith Ahmedabad	No	
6	27/11/09	State Level Seminar On- Historical Concept of Aryasamaj.	D.P.C.Mahila Arts&Commerce College, Dhansura.	No	
7	5/12/09	State Level Seminar On-Life And Works On Hemchandra.	Arts College Rajendranagar	Yes	
8	26-27/12/09	Gujarat History Conference Held At Ambaji.Sub-Sardar Patel In Historical Persepective	Ambaji	Yes	
9	07/01/10	UGC State Level Seminar- Contribution of Social Workers In The Development of Women And Backward Castes In India	Smt.C.C.Mahila Arts College,Visnagar	Yes	
10	21/02/10	Itihas Adhyapak Mandal State Level Seminar	S.V. Arts College Ahmedabad	No	
11	17-18/12/10	Gujarat Itihas Parisad	Uma Sanskar Tirth Chandrala	Yes	

12	12-13/01/11	Two Day National Seminar On 'Feminine Telent : Issue And Chalanges'	S.D. Arts & B.R. Commerce College, Mansa	No	
13	12/3/12 to 18/3/12	A Short Term Course On Comparative Study of Literature And Films	U.G.C Academic Staff Collage, Ahmedabad	No	
14	24/03/12	11 th Conference on Gujarat Itihas Adhyapak Mandal	Arts Collage Vadali	No	
Ku. J. R. Vaghela					
1	27/12/2007	Challenges in Education in 21 st Century	Gujarat Law Society & C.U.Shah Arts college, A'bad	No	State Level
2	02-03/02/08	38 th Annual Conference Gujarat Economic Association	Sardar Patel Institute of Economic & Social Research, A'bad	No	State Level
3	26/07/08	State level Conference of Economics and Applied Statistics	S.M. Patel Institute of Commerce, (G.L.S.), A'bad	No	State Level
4	22/08/09	CWDC Seminar on Role of Indian Women in the 21 st Century	S.M. Patel Institute of Commerce & H.A. College of Commerce, (G.L.S.), A'bad	No	CWDC Seminar
5	08/03/10	International Women's Day Celebration	Women's Development Cell, Gujarat University, A'bad	No	CWDC Seminar
6	06-07/08/10	Quality Management & Global Challenges in Higher Education	Uma Arts & Nathiba Commerce Mahila College, G'nagar	Yes	NAAC Sponsored National Level
7	10/08/10	INFLIBNET'S Activities & Services for Libraries	INFLIBNET & knowledge consortium of Gujarat at STTI, GCERT campus, G'nagar.	No	One day workshop
8	06/01/11	Rural Development in Gujarat	Shri. C.N.P.F. Arts & D.N. Science College, Dabhoi	Yes	UGC Sponsored State Level
9	21/01/11	Recent Economic Changes in Gujarat	Adivasi Arts & Commerce College, Bhiloda	Yes	UGC Sponsored State Level
10	22/01/11	Examination Reforms	Government Commerce College, Sec.-20, G'nagar	No	One day workshop
11	26/02/11	Climate Change : Issues, Challenges & Mitigation	I.V. Patel College of Commerce, Nadiad	Yes	UGC Sponsored National Level
12	08/03/11	Women Empowerment- Challenges Ahead	Women's Development Cell, Gujarat University, A'bad	No	CWDC Seminar
13	04/07/11 to 08/07/11	"Installation and Operation of SOUL 2.0"	"Inflibnet" Centre at Ahmedabad	—	—
14	09/07/11 to 11/07/11	Induction Training Programme	Commissionerate, Higher Education & Knowledge Consortium of Gujarat P.D.P.University, G'nagar	—	—

15	19/01/12	Examination Reforms	Government Commerce College, Sec.-15, G'nagar	No	One day workshop
16	20/02/12 to 25/02/12	Civil Defense Basic Training	Civil Defence, Government of Gujarat Ahmedabad City unit	—	Achieved A' grade
Mr D.J.Shah					
1	06-08, Dec-1993	Computer Training Programme	(U.G.C. Sponsored) At G.H.PATEL COMPUTER CENTRE, Vallabh Vidhanagar	No	
2	3 & 4 th February 2000	U.G.C. SPONSORED State Level Seminar On "Regulation Of Financial Markets"	S.D.School Of Commerce Ahmedabad	No	
3	24 th Sep. 2000	Seminar On "CONTEPORARY ISSUES IN ACCOUNTING"	V.R.Patel College Of Commerce, Mehsana	No	
4	30 th Sep. 2001	State Level Seminar On "CONTEPORARY ISSUES IN ACCOUNTING"	H.A.College Of Commerce, Ahmedabad	No	
5	11 & 12 th Jan. 2002	Nation Seminar On ETHICS AND MANAGEMENT"	S.K.School Of Business Management	No	
6	5 & 6 April 2003	Seminar On VISION GUJARAT – 2020	SKSBM, Patan.	No	
7	18 th Sept. 2005	State Level Seminar On "Some Contemporary Issues In Commerce, Management And Accountancy"	At Radhanpur, Dist-Patan (Gujarat)	No	
8	24 th Sept. 2006	Seminar On "Contemporary Issues In Accountancy & Management"	Hemchandracharya North Gujarat University Area Vaniyja Adhyapa Vartul At Arts & Commerce College, Ambaji	No	
9	11 th & 12 th November, 2006	Two Day National Seminar On "Emerging Issues In Accounting, Taxation And Finance".Patel Institute Of Management And Computer Studies	Gujarat University Area Accountancy Teachers' Association At S.K, Gandhinagar	No	
10	7 th January, 07	One Day Seminar On "Security Analysis And Portfolio Management"	Hemchandracharya North Gujarat University Area Vaniyja Adhyapa Vartul At Shri V. R. Patel College Of Commerce, Mehsana	No	
11	24-25 March, 2007	UGC Sponsored TWO Days Seminar On "Human Rights & Value In Education"	Shri H. S. Shah College Of Commerce, Modasa	No	

12	21th Oct. 2007	One Day Seminar On 1. "Corporate Tax Planning And Management" "Quantitative Techniques And Project Research Methodology"	Hemchandracharya North Gujarat University Area Vaniyja Adhyapa Vartul At Shri V. R. Patel College Of Commerce, Mehsana	No	
13	30 th Dec. 2007	Work-Shop On "New Cyllabus : For M. Com.-II And M.A	Arts & Commerce Colelge, Idar	No	
14	20-21 Feb. 2008	Participated In One Day Training Programme	Department Of Higher Education, Gujarat State Held At Gandhinagar	No	
15	14 th Sept. 2008	One Day Seminar On 1. Human Relations In Government 2. Management Of Dairy Industry	Gujarat & North Gujarat University Commerce And Management Teachers' Association At Radhanpur Arts & Commerce College	No	
16	22-23 Nov., 2008	31 st All India Accounting Conference And International Seminar On "Accounting Education And Research"	S.D. School of Commerce, Ahmedabad	No	
17	25 th Jan. , 2009	One Day Seminar On 1. Accounting Standards 2. Project Planning And Control	HNGU Area Adhyapak Vartul At Arts & Commerce College, Vadnagar	No	
18	10 th Jan. 2010	One Day Seminar On 1. Research Methidology – Data Analysis 2. Taxation Of Share Transactions	HNGU Area Adhyapak Vartul At Arts & Commerce Mahila College, Unjha	No	
19	5 th Jan. 2011	One Day U G C Sponsored State Level Seminar On "Emerging Issues And Challenges In Accountancy And Commerce"	Arts & Commerce College, Chanasma.	No	
20	12 th Jan. 2011	One Day Training Of Nodel Professors On Red Ribbon Club Programme	The Young Citizen Of India Charitable Trust, Mehsana	No	
21	23 rd Jan. 2011	One Day Seminar On "Cyber Laws With Special Reference To Accounting & Taxation And Role Of Accountant In Preventing Financial Frauds"	Gujarat University Area Accountancy Teachers Association Jointly With Shri V. R. Patel College Of Commerce, Mehsana.	No	
22	12-13 Feb. 2011	International Seminar On "Changing Paradigm Of Accountancy & Finance In Global Perspective Presented A Paper Titled "CURRENT CORPORATE GOVERNANCE IN INDIA"	S. D. School Of Commerce, Gujarat University, Ahmedabad And Indian Accounting Association.	Yes	

23	26 th Feb.2011	One Day Seminar On "Shrimad Bhagvad Gita	R.H.Patel Arts & Commerce College, Ahmedabad & Sanskrit Sahitya Academy, Gandhinagar	No	
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Dr.H.M.Dixit					
1	22- 22/03/00	Inventory Control & Management (National Level)	Department of Statistics Gujarat University Ahmedabad	No	-
2	30/09/01	Contemporary Issues In Accounting (State Level)	GUAATA & Som-Lalit Institute of Management A'bad	No	-
3	13- 15/04/01	37 th Annual Conference of the Indian Econometric Society	Department of Economics South Gujarat university Surat.	Yes	-
4	14- 16/01/02	38 th Annual Conference of the Indian Econometric Society	Madras School of Economics, Chennai	No	
5	11- 12/10/03	Annual Conference of GSA	GSA & Dept. of Statistis Bhavnagar	Yes	
6	13- 15/02/04	40 th Annual Conference of the Indian Econometric Society	ISEC Banglore	Yes	-
7	3- 07/01/05	Health Technology as Fulcrum of Development for the Nation	Indian Science Congress & Nirma University A'bad	Yes	
8	5- 07/01/06	42 nd Annual Conference of the Indian Econometric Society	Punjab School of Economics Guru Nanak Dev University Amritsar	Yes	
9	5- 07/01/07	43 rd Annual Conference of the Indian Econometric Society	IIT- Mumbai	No	
10	25/01/09	1. Accounting Standards. 2. Project Planning & Control	Vanijya Adhyapak Vartul HNGU & Vadnagar Nagrik Sahakari Bank LTD Arts & Commerce College. Vadnagar	No	
11	03/10/09	Statistical Computing With Ms Excel, open office calc and SPSS (State Level)	Dept of Statistics & GLS Institute of Computer Technology, A'bad.	No	
12	10- 12/10/09	Higher Education in India- Issues & Challenges. (National Level)	AIFUCTO & Gujrat & North Gujarat University Area- Teachers; Association	No	
13	10/01/10	1. Research Methodology & Data Analysis 2. Taxation of Share Transactions.	Vanijya Adhyapak Vartul HNGU & Shri J.M.Patel Commerce Mahila College- Unjha	No	
14	25- 25/02/10	Impact of Statistics on Science & Society.	M.G. Science Institute Ahmedabad.	Yes	-

15	25/01/11	Cryptography @ Computer & Safety	C.U. Shah Science College, Ahmedabad.	No	
16	26/02/11	Climate Change Issue, Challenges & Mitigation	I.V. Patel College of Commerce, Nadiad	No	
17	23/01/11	Cyber laws with special reference to Accounting and Taxation & Roll of Accountant in Preventing Financial Frauds.	GUAATA & V. R. Patel Commerce College, Mahesana.	No	
18	16 to 18/12/11	International Conference on Applied Mathematics and Statistics.	Department of Mathematics and Statistics, Gujarat University, Ahmedabad.	No	
19	22 23/09/11	Thurst Areas in Commerce & Management. (National Level)	C. N. Arts & B.D. Commerce College, Kadi.	No	
20	21 26/11/11	KCG Trainig	Dept. of Education, Gujarat Government, Ahmedabad.		
21	18/03/12	National Level Workshop "Best Ways of Data Analysis & Interpretation"	Smt. M. M. Shah Mahila Arts College, Kadi.	No	
22	31/03/12	Immerging Trends in Applied Statistics. (National Level)	HLCC & GSA, Ahmedabad.	No	

Mr S.S.Mirza					
1.	11 th To 13 th July 2011	Faculty Development Program	Gujarat Technological University, Ahmadabad	No	
2.	18 th October 2011	Contemporary Issues Of Accountancy And Commerce Education	Dept. Of Business Studies, Vidhyanagar	No	
3.	31 st January 2012	Corporate Disclosure And Investor's Perception	Dept. Of Business Studies, Vidhyanagar	Yes	
4.	13 th February 2012	Research Methodology In Commerce And Management	Sardar Patel College Of Administration And Management, Bakrol, Vidhyanagar	No	
5.	6 th October 2012	Emerging Issues In Competitive Business Environment	I.V.Patel Commerce College, Nadiad	No	
B.P.Rao					
1.	5&6, Feb.2012	U.G.C. sponsored National seminar on "Indian English Literature: Contemporary perspectives"	G.D. Modi college of Arts, Palanpur	No.	
2	18/03/2012	U.G.C. sponsored National worshop on "Enhancement of Quality of Research in Languages".	Smt.M.M.Shah Mahila Arts College, Kadi.	No.	

3	10/09/2012	H. N. G.U;Patan & English Teachers Association (HNGU) organized one day workshop on “Newly Implemented syllabi for the Teachers of English language and Literature”.	Sh. B. P. Brahmabhatt Arts & M. H. Guru Commerce College, Unjha.	No.	
Mr M. A. Parmar					
1	4 th Nov 2001	Personality Testing and Assessment	Arts, Commerce College, Idar	No	
2	21 th Nov 2009	One day Workshop on Reforming & Updating Curriculum in the subject of Psychology	Mahila Arts College , Kadi	No	
3	27-28 March 2010	Life Style and Stress	Arts and Commerce College, Khedbrahma	No	

- **Following is the details of Minor Research Projects undertaken by the institution.**

No	Name of Teacher	Minor/ Major	Title of Research Project	Sponsoring Agency	Funds Rs.	Durati on	Sanction No & Date
1	Dr.R.S.Dave (Chemistry)	Minor	Photochemical Studies of Alkylene dithiophosphate of Nickle(II) Containing Mono and Bidentate Nitrogen Donor Ligands.	U.G.C.	50,000	1999 - 2000	23-199/99 (WRO) Dt. 18-8-1999
2	Dr.K.S.Parikh & Dr.S.S.Shah (Chemistry).	Minor	Studies in Complex Compounds of Transition and Lanthanide Metals.	U.G.C	35,000	2001 - 02	23-238/2001 (WRO) Dt. 29-03-2001
3	Dr.H.M.Ant (Botany).	Minor	Ethnobotanical studies of Agnospams of Aravalli hills (Dist-B.K.).	U.G.C.	40,000	2000-01	23-58/2007 (WRO) Dt. 23-11-2000
4	Shri.K.S. Parikh & Dr.K.S. Parikh (Chemistry).	Minor	Some aspects of water and waste water.	U.G.C	45,000	2002 - 03	47-58/2002 (WRO) Dt. 18-12-2002
5	Dr.K.S. Parikh (Chemistry).	Minor	A green way of protection against corrosion of mild steel in acid medium	U.G.C	50,000	2002 - 03	47-173/2002 (WRO) Dt. 18-12-2002
6	Dr. Y.H. Raval (Gujarati)	Minor	Description of natKakasaheb kalelkar, Suresh joshi, Bholabhai patel and Manilal H. Patel.	U.G.C.	23000	2003-04	23-164/2003 (WRO) Dt. 8-03-03

7	Dr.H.M.Ant (Botany).	Minor	Contribution to the flora of Banaskantha district vegetation and forest resoures of the Jassor and Balaram Sanctuary.	U.G.C.	70,000	March 2008	47-329/2007 (WRO)
8	Dr.S.S.Shah (Chemistry)	Minor	Estimation of some anti depressant and anti convulsant drugs in biological fluids using LC/MS/MS techniques.	U.G.C.	1,55,000	2009-11	47-556/08 (WRO)
9	Dr. H. M. Ant (Biology)	Minor	An Ethno medicinal and Phytosociological study of tree species of North Gujarat.	U.G.C.	90,000	2012	23-58/2000 (WRO) Dt. 13-11-2000
10	K.A.Patel	Minor	Development of inventory models under Fuzzy Framework	U.G.C.	70,000	2010-2012	23-1767/10 (WRO) 15/10/10
11	Dr.C.A. Acharya (Co-investigator)	Minor	Impect of Physico-chemical parameters on plankton diversity in some fresh water ponds of Rural area of Ahmedabad,Gujarat.	U.G.C.	65,000	2010-2011	47/897/11 (WRO) 02/02/2012
12	Siraj S. Mirza	Minor	A study on acceptance of e-banking among customers of Kheda district.	U.G.C.	2,08,000	2013	23-086/12 (WRO) 06/02/13
13	Dr.V. B. Modi	Minor	Synthesis and Biological Studies of 1,3,4-Oxadiazole Derivatives	U.G.C.	1,00,000	2013-14	23-264/12 (WRO) 25/02/13
14	Dr.M.S. Prajapati	Minor	Akhyayikas connected with Udghith Upasana of the chandogyopanisad	U.G.C.	1,00,000	2013-14	23-322/12 (WRO) 18/02/13
15	Dr.G.G.Barat	Minor	Synthesis and invitro antimicrobial Studies of chalom containing quinazoline 4(3H)ones	U.G.C.	85,000	2013	47-296/12 (WRO) 25/02/2013
16	Dr.R.S.Dave (Chemistry)	Major	Removal of heavy metals from electroplating waste waters by Weakly acidic and Basic ion exchange resins and adsorption of waste dyes from dyeing house waste water by porous polymeric adsorbents.	U.G.C.	10,27000	2013-14	Applied
17	Dr.R.S.Dave (Chemistry)	Minor	Removal of fluride from drinking water by using some bioadsorbents.	U.G.C.	200000	2013-14	Applied
18	Dr.S.S.Shah	Minor	Studies on some biologically active phenone derivetives and their metal complexis	U.G.C.	2,00,000	2013	Applied

19	Students research projects	Nil	-	-	-	-	-
20	Other	Nil	-	-	-	-	-

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty?

✚ N.A.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

✚ Yes, the institution takes feedback from student regarding the individual teacher using questionnaires. On the basis of this student feedback Principal give analysis report to the concerned teacher. Thus it proves to be helpful in the evaluation of the teaching learning quality of the teacher. Thus, teacher can know his/her ability and weakness through this process and has got opportunity to improve his/her weakness.

2.5 Evaluation Process and Reforms:

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- ✚ The stakeholders are made aware of the evaluation process as it is a part of the prospectus which is given at the time of admission.
- ✚ First year students are informed about the process of evaluation of the institute by the principal during the orientation/welcome programmes.
- ✚ Individual subject teacher informs the students about criteria & method of internal evaluation in respective theory & practical subjects.
- ✚ Tentative dates for I & II test are planned by the IQAC and it is confirmed after discussion in the meeting of examination committee.
- ✚ The date for the submission of internal marks is decided.
- ✚ The test time table is prepared by examination committee and displayed on the notice boards very much in advance to help the students in making plan for exam preparation.
- ✚ The test results are displayed on the notice board for the information of students.

2.5.2: What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?


✚ **University reforms**

- The University introduced the CBCS pattern and semester system for all the UG and PG programmes.
- The ratio of the weightage of marks in core compulsory subject is 70% through External Exam and 30% through Internal Exam as per the university rule.
- The university has raised the passing level from 35% to 40% in the theory exam.
- The internal marking system in practical in science at the under graduation level has been discontinued.
- The University practical examination of semester I to IV is given by the local examiners whereas the exam of semester V and VI is given by the examiners appointed by the University.

College level

- Out of the 30 marks of the college internal exam, 20 marks are given on the basis of the marks obtained in the internal tests as per the method and 10 marks on the basis of seminar/workshop and regularity.
- A new experiment of taking Unit Tests instead of Internal exams has been introduced in the college this year.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

 To ensure effective implementation of the evaluation reform of the University and college, following steps are taken by the institute :

- The students are intimated of the implementation of above mentioned reforms by the IQAC and the Examination committee through noticeboard and by making announcement.
- The students are acquainted with the new paper style, evaluation scheme and the period of examination.
- The students are given the understanding regarding the importance of seminars, workshops and regularity in the internal evaluation.
- Internal marks are displayed on the college notice board 10 days prior to University exam.
- Subject teacher makes it a point to check the computerized internal marks before finally sending it to University.
- A letter is sent and parents of the students who remain absent in theory and practical classes for long duration are called and extra efforts are made to ensure that his/her internal evaluation is not affected.

2.5.4 Provide details on the formative and summative evaluation approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

✚ **Formative Assessment:** The goal of formative assessment is to monitor student learning, to provide on-going feedback that can be used by instructors to improve their teaching and by students to improve their learning. Formative Assessment of the students is done on the following parameters:

- Assignments
- Presentations
- Field visits
- Industrial visits
- Class interactions
- Group discussions/Viva-voce
- Workshops/Seminars
- Research activities
- Projects
- Written and practical tests
- Organizing functions
- Curriculum based training
- Social activities
- Inter college competitions
- Overall attendance and conduct during the session.

✚ **Summative Assessment:**

The goal of summative assessment is to evaluate student learning at the end of an instructional unit by comparing it against some standard or benchmark. Summative assessments are often high stakes, which means that they have a high point value. Summative Assessment takes place at the end of the academic session which is conducted by the college during the Model Test at the end of the semester. Even if some students don't perform well or clear the eligibility condition, then an extra chance is given to the student for his/her evaluation. This process helps the students to gain confidence and to achieve good results. This is how the institution uses the formative and summative evaluation approach to measure the students' performance. The university conducts a summative evaluation at the end of each semester through the following.

- Written Exams
- Practical Exams
- Viva voce
- Project work

2.5.5: Enumerate on how the institution monitors and communicated the progress and performance of students through the duration of the course/programme? Provide an analysis of the students' results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered

✚ Academic performance, regularity, participation in co-curricular and extra-curricular activities; physical and mental well-being – all these factors play a vital role in the progress of the students. The following monitoring methods are adopted by the institutions

✚ **Academic monitoring:**

- The academic performance is monitored by observing the students performance in the classrooms through discussions, interactions, presentations, seminars, and assignments.
- Monitoring is also done by observing their performance in the internal examinations, and final semester examinations taking both theoretical and practical aspects into consideration.

✚ **Regularity:** The regularity of the students is monitored by recording presence / absence in every class.

✚ **Co-curricular and Extra-curricular activity monitoring:**

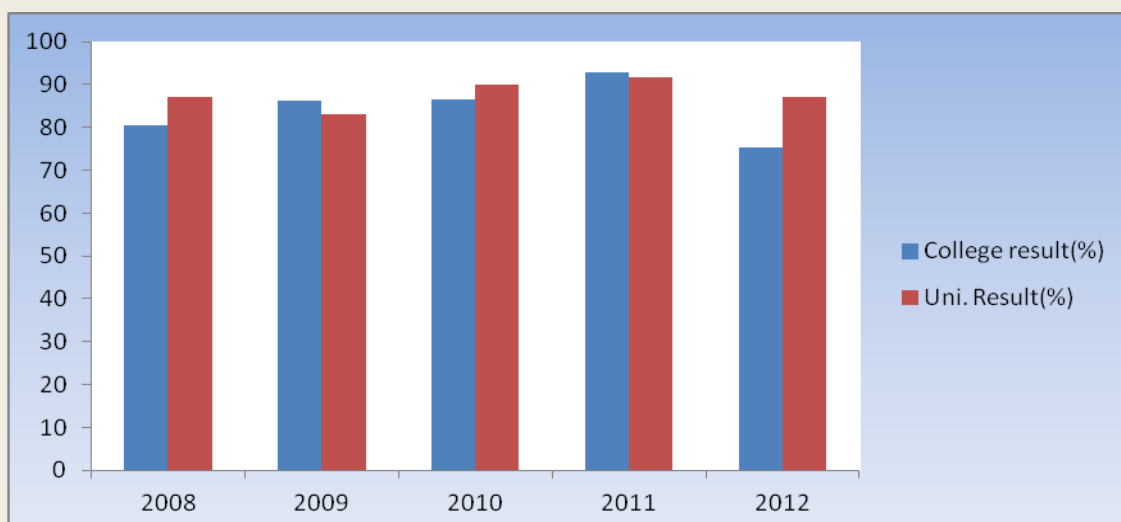
- After identifying their areas of interest in co-curricular and extra-curricular activities like NSS, NCC, Saptadhara, Sports and Cultural activities, the students participation/non participation is recorded.

✚ The institution communicates the progress and performance of the students through the following way,

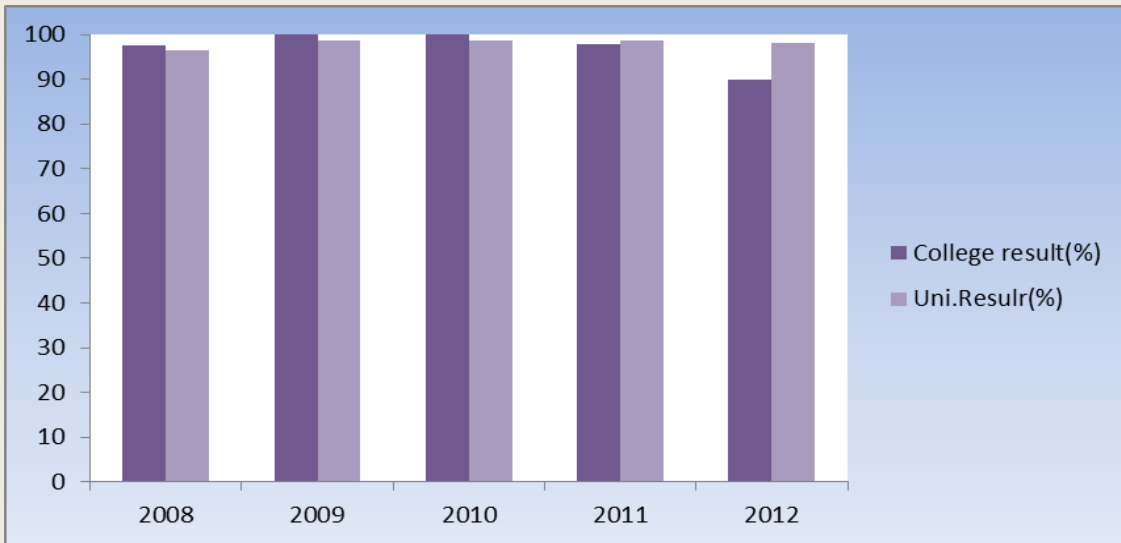
- Display on the notice board
- Announcement in classroom
- In felicitation function.
- Best Boy's and Best Girl's Award(Best performance in faculty are awarded)

Result Analysis : UG level

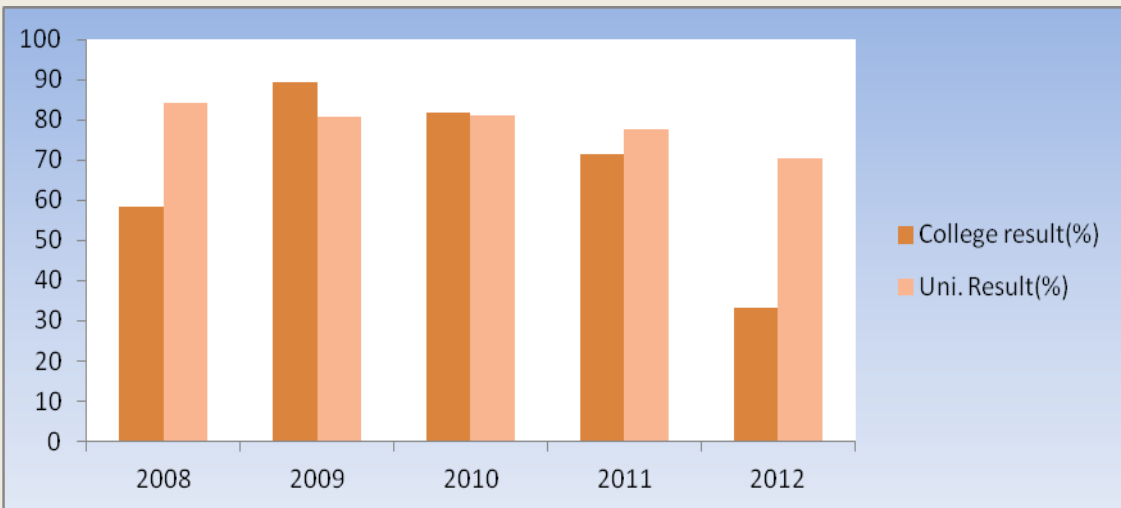
❖ B.A



❖ **B.Sc**

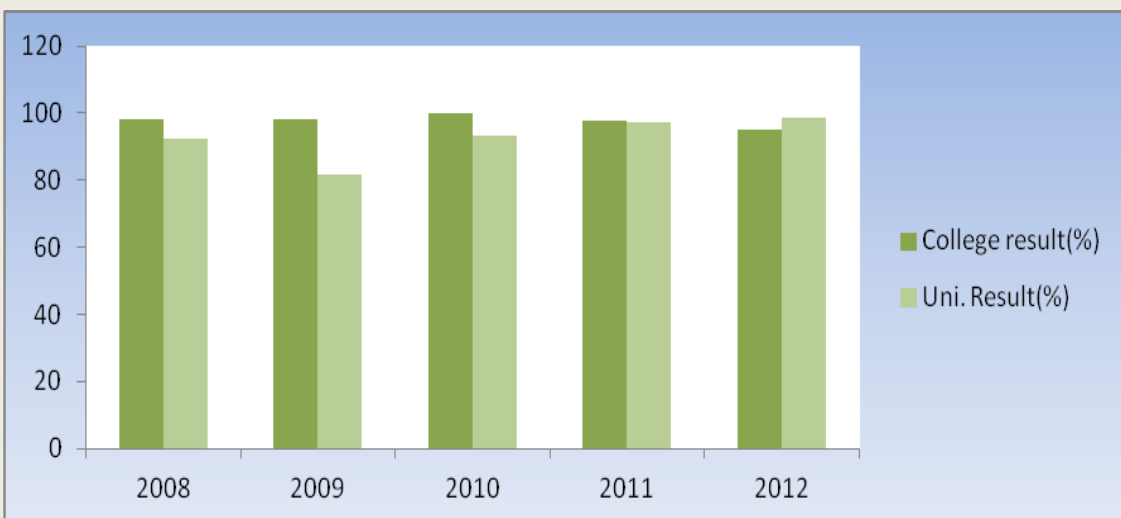


❖ **B.Com**

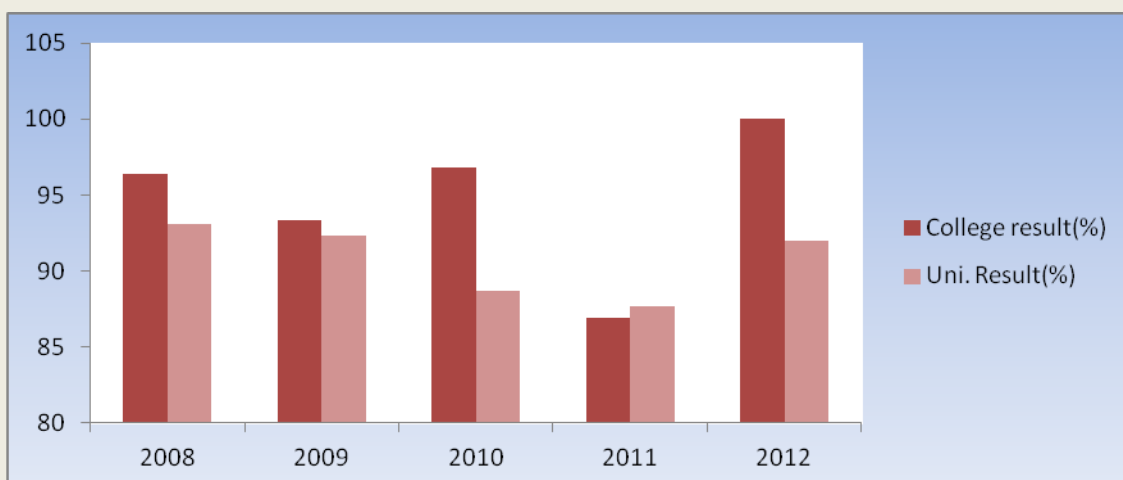


Result Analysis: PG level

❖ **M.A.**



❖ M.Sc



Toppers of the College in University Exam:

Year 2008

Sr No	Class	Subject	Seat No.	Student's Name	Marks/ Out of	%
1	B.A.	Sanskrit	5297	Patel Vimalaben Govindbhai	313/490	63.87
2	B.A.	Gujarati	5329	Patel Jitendrakumar Dasharathbhai	295/490	60.20
3	B.A.	Hindi	5436	Chaudhari Sumitraben Kantibhai	327/490	66.73
4	B.A.	History	5490	Patel Manishaben Narayanbhai	377/490	76.93
5	B.A.	Economics	5542	Vihol Saraswatibahen Narayanji	322/490	65.71
6	M.A.	Hindi	2093	Patel Kirankumar Babubhai	244/400	61.00
7	B.Sc	Chemistry	508	Patel Mamtaben Kiritbhai	435/595	73.10
8	B.Sc.	Maths	518	Bhatt Tejas Mukeshbhai	487/595	81.84
9	M.Sc	Chemistry	545	Patel Arpanaben Prahladbhai	267/450	59.33
10	B.Com	Ad.Acco	1434	Pandya Ankita Dipakkumar	220/490	44.89

Year 2009

Sr No	Class	Subject	Seat No.	Student's Name	Marks/ Out of	%
1	B.A.	Sanskrit	4671	Patel Anjanaben Rameshbhai	317/490	67.66
2	B.A.	Gujarati	4705	Dave Namarataben Madhusudan	271/490	61.88
3	B.A.	Hindi	4803	Chavada Dipaksinh Ajitsinh	302/490	65.77
4	B.A.	History	4837	Patel Chetankumar Ganeshbhai	351/490	71.22
5	B.A.	Economics	4903	Patel Hiralkumar Punjabhai	269/490	59.00
6	M.A.	Hindi	1813	Chaudhari Prakashkumar Prabhudas	235/400	60.75
7	B.Sc.	Chemistry	729	Patel Vijaykumar Manilal	435/595	73.00
8	B.Sc.	Maths	741	Patel Nikunj Kumar Shankarlal	494/595	83.02
9	M.Sc	Chemistry	509	Patel Alpeshkumar Shankarbhai	297/450	66.00
10	B.Com.	Adv.Acco	1301	Chavada Arjunsinh Parvatsinh	317/490	64.69

Year 2010

Sr. No.	Class	Subject	Seat No.	Student's Name	Marks/ Out of	%
1	B.A.	Sanskrit	4512	Patel Harshadkumar Baldevbhai	342/490	69.79
2	B.A.	Gujarati	4533	Chaudhari Shitalben Manghajibhai	332/490	67.75
3	B.A.	Hindi	4630	Vihol Jyotiben Vijaysinh	350/490	71.42
4	B.A.	History	4652	Patel Reshmaben Keshavlal	368/490	75.01
5	B.A.	Economics	4718	Makwana Nareshji Dhulaji	306/490	62.44
6	M.A.	Hindi	1540	Patel Dipikaben Ganeshbhai	247/490	61.75
7	B.Sc	Chemistry	958	Patel Jigneshkumar Manilal	454/595	76.30
8	B.Sc.	Maths	1000	Patel Hinalben Sureshkumar	473/595	79.49
9	M.Sc.	Chemistry	365	Chavada Bhupendrasinh Velusinh	323/450	71.77
10	B.Com.	Adv.Account.	1320	Patel Bhaumikkumar Hasmukhbhai	297/490	60.61

Year 2011

Sr No	Class	Subject	Seat No.	Student's Name	Marks/ Out of	%
1	B.A.	Sanskrit	4627	Leuva Umeshkumar Pravinbhai	313/490	63.87
2	B.A.	Gujarati	4663	Patel Rachanaben Mukeshbhai	307/490	62.65
3	B.A.	Hindi	4691	Patel Mahendrakumar Pashabhai	307/490	62.65
4	B.A.	History	4738	Patel Devangkumar Natwarlal	351/490	71.63
5	B.A.	Economics	4808	Suthar Bhavikaben Pravinbhai	306/490	62.44
6	M.A.	Hindi	1540	Patel Bhavanaben Dasharathbhai	257/400	64.25
7	B.Sc.	Chemistry	1136	Khanusiya Mohmmadali Mustakali	486/595	81.68
8	B.Sc.	Maths	1202	Prajapati Jignesh Natavarbhai	477/595	80.16
9	M.Sc	Chemistry	263	Patel Anitaben Dasharathlal	274/450	60.88
10	B.Com.	Adv.Account.	1602	Patel Dushyantkumar Amrutlal	322/490	65.71

Year 2012

Sr No	Class	Subject	Seat No.	Student's Name	Marks/ Out of	%
1	B.A.	Sanskrit	4768	Rathod Jayaben Pratapsinh	336/490	68.57
2	B.A.	Gujarati	4774	Chaudhari Kinjalben Ramjibhai	299/490	61.02
3	B.A.	Hindi	4838	Rathod Kiransinh Dinusinh	306/490	62.44
4	B.A.	History	4882	Patel Amitkumar Kacharabhai	355/490	72.44
5	B.A.	Economics	4927	Parmar Ashvinkumar Kishnabhai	293/490	60.00
6	M.A	Hindi	840	Vihol Jyotiben Vijaysinh	299/400	74.75
7	B.Sc.	Chemistry	903	Patel Gautamkumar Amrutbhai	445/595	74.78
8	B.Sc.	Maths	967	Patel Vinaykumar Dineshbhai	463/595	77.81
9	M.Sc(Old)	Chemistry	75	Patel Bhaveshkumar Manilal	258/490	57.33
10	M.Sc	Chemistry	275	Patel Kiritbhai Govindbhai	350/500	70.00
11	B.Com	Adv.Account.	2059	Patel Hiten Popatbhai	311/490	63.46

2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

- + We follow C.B.C.S. pattern for evaluation of students. We have separate weightages for certain skills and performance of students. There is 10 percent mark for assignment, classroom performance, behaviour, regularity independent learning, communication skill and involvement in college activities. The other 20% is for unit tests and internal exams.
- + Displaying students' marks on the notice board.
- + By showing answer books to the students if he/she desires.
- + The answer books for the internal tests are preserved for one semester after the University results are declared. Prior to submitting the internal marks to the university they are displayed on the notice board and the students are informed to report any discrepancy in marks to the Principal.
- + Subjects where two teachers teach the same course, the answer sheets are assessed by both the teachers.
- + Rechecking and reassessment of answer sheets is also allowed.

2.5.7: Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If "yes" provide details on the process and cite a few examples.

- + Yes, our college uses assessment/evaluation not only as an indicator tool for evaluating student performance but also as improvement in faculty performance where needed. The following are the methods of assessment used as indicators of student performance:

Sr No	Assessment Criteria	Learning Outcome
1	Written Assessment	Improved flow of thought and expression
2	Practical Skill Assessment	Develop learning through on the job, resulting in better understanding and fostering creativity
3	Industrial Visit/Field work	Gaining hands on experience events
4	Group Assessment	Fosters team work and promotes leadership skills
5	Competitive Assessment	Achieving ranks and recognitions
6	Research/Project Assessment	Helps in gaining in depth knowledge
7	Attendance Assessment	Leads to regularity and punctuality

2.5.8: What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

+ College level:

- In case the students are dissatisfied with their result in the Internal Test they are allowed to apply for Rechecking/reassessment by filling in a prescribed form along with the fees for the same.
- The answersheet/s of such students are sent to the Head of the Department by the Principal/Examination Committee.
- The H.O.D. gets the reassessment done and submits the result along with his report to the Examination committee. If there is improvement in the result, it is rectified soon.

+ University Level:

- If a student is dissatisfied with his/her result in the University Exam he/She can tender an application in the college in a prescribed format in the stipulated time(15 days)
- The college forwards the application to the University for the needful action.
- Such answer sheets are reassessed by other examiners according to the rules of the University.
- The result is declared by the University when the procedure of Reassessment is over.

2.6 Student performance and Learning Outcome:

2.6.1 Does the college have clearly stated learning outcomes? If “yes” give details on how the students and staff are made aware of these?

- + Yes, the college has clearly stated objectives which point towards learning outcome.**
- + These objectives are stated in the prospectus.**
- + The vision, mission and goals of the college also indicate the learning outcome.**
- + Each course also has objectives clearly stated which are discussed with the students.**

2.6.2: How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

+ Teaching, learning and assessment strategies

- Counseling for slow learners
- Special coaching classes for fast learners
- Motivation for rank holders
- Continuous Internal assessment programmes
- Assignments
- Seminars, Presentations

✚ The college aims to help students to attain their potential by providing a supportive, vibrant and challenging learning environment. The faculty is involved in the creating of this learning environment. Students are equally valued during their learning journey at the college. Accordingly, the curriculum, teaching, learning and assessment at the college are student centric. The college is committed in creating an environment where students are supported to achieve their potential and working towards creating an inclusive learning atmosphere. The strategy of lifelong learning intended to be learner centric, recognizing student's prior learning, experience and abilities. This requires the identification of individual's learning goals and it will emphasize the importance of reviewing student progress against agreed objectives. It acknowledges that students learn most effectively if they are supported as individuals to achieve personal development. To facilitate the achievement of the intended learning outcomes, the strategies of teaching, learning & assessment of the institute are through:

- Quality improvement program
- Faculty improvement program
- CCE- continuous and comprehensive evaluation of students.
- Theory, projects, assignments & practical for effective learning.
- **Best Boy** and **Best Girl** for each stream is selected by smart system for overall assessment of the student.
- Creativity is enhanced by organizing a variety of programmes under Saptdhara. Counseling is an integral part of the college, each faculty member is allocated 20 to 25 students, and he/she keeps in contact with them and helps in solving personal and academic problems.
- Students have open access in the library. They are motivated to view SANDHAN programmes which are both value based and academic.

2.6.3 What are measures/initiatives taken up by the institution to enhance the social and economic relevance (quality jobs, entrepreneurship, innovation and research aptitude) of the courses offered?

- ✚ Each course has clearly stated objectives and how the course will help in the job market is also discussed.
- ✚ Skill oriented workshops are organized.
- ✚ Seminar is introduced as a course at the final year level, in this students are encouraged to conduct researches guided by the faculty with a purpose to develop research culture in the students.
- ✚ Visits to various industries, research institute, academic institute, welfare units are organized. Advertisements related to the field are displayed on notice board.
- ✚ Students are guided to apply and appear for the jobs.
- ✚ Campus interviews are organized.
- ✚ Students are given an idea of their future job prospects.
- ✚ Value added lectures on entrepreneurship skills are conducted.

- ✚ For innovation in research aptitude students are encouraged to undertake, participate in research projects, national seminars & conferences.
- ✚ Students are motivated through personality development and encouraged to participate in activities for social and community service.

2.6.4 How does the institution collect and analyze data on student learning outcomes and use it for planning and overcoming barriers of learning?

- ✚ Every semester feedbacks are received from the students, and also from the Head of the departments and they are statistically analyzed and department wise planning is done to improve the quality of the education. Institution has formulated the following steps to overcome barriers in learning outcome.
 - Providing question bank
 - Addressing the grievances
 - Providing valued answer booklets to the students after their preparatory and internal practical
 - Encouraging students to write in the short and descriptive method
 - Emphasis on regularity of the students.
 - Extra classes for slow learners and also counselling classes for weak students in the subjects to improve their performance
 - Periodic evaluation helps in the improvement of learning outcome
 - Communication in English classes are conducted to improve their oral, written and conversational skills to help them to cope up with the subject.

2.6.5: How does the institution monitor and ensure the achievement of learning outcomes:

- ✚ To monitor the achievement of learning outcome the college adopts the following:
 - Saptdhara activities of the institute also ensure the achievement of learning objective.
 - Co-curricular activities are executed
 - The IQAC of college has a set mechanism to monitor the student's learning outcomes.
 - Attendance is compulsorily taken for every lecture.
 - The class test and assignments are valued within a short duration and the marks are recorded, which acts as a ready reckoner for the academic progress of the students. The students' participation in the class and the marks scored in tutorials, assignments helps to judge the students by the staff members. Institute keeps a track record of students' performance and maintains their assessment record graph. Results of test, exams are recorded and evaluated every semester.
 - The slow learners are taken care of by the mentors in counselling cell. Remedial programs are arranged for slow learners.

- Library register, attendance register are monitored to know about the student's interest in academic activities.
- The faculty members are encouraged to conduct surprise tests, quizzes to monitor the academic progress of each student.
- Department wise result analysis is done every semester when the results are published, and it is shared with the teacher and parents to improve the performance of the students.

2.6.6 What are the graduates attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

✚ The college continuously strives in honing the skills of the students to adapt themselves to the recent trends. We impart professional attributes/skills throughout the course as follows.

- A Commitment to excellence in all scholarly and intellectual activities.
- A substantial knowledge of industry within both national and international context.
- They are taught to be independent, reflective in practice and information literate forever.
- They are taught to be creative, strategic, and critical thinkers with highly developed problem solving skills.
- Exhibit a positive work attitude and work ethic in order to achieve successful outcomes.
- They are taught to be culturally tolerant and to demonstrate appropriate intellectual competence.
- They are taught to be to have an understanding of ethical standard and professionalism.
- The ability to communicate effectively, and be self-aware and empathetic.
- Deep understanding of those skills relevant to working and managing in industries.
- Have an understanding of team dynamic and the ability to be effective.

✚ The graduates attributes are:

- Consistency of service
- Attention to detail
- Punctuality, honesty
- Leadership, team building & collective bargaining skills
- Substantial knowledge of recent trends

- Traditional values

✚ **The college ensures attainment of these attributes by conducting:**

- Value added class
- Refresher courses
- Personality development workshop

BEST PRACTICES

- ✚ Orientation for new staff and regular in-service training for all teachers on pedagogic style, developing interpersonal relationship, and soft skills
- ✚ ICT enabled Teaching-Learning
- ✚ Preparation of comprehensive lesson plan by every teacher for meticulous, spaced out completion of syllabus
- ✚ Successful Mentor system to follow the academic and overall progress of the ward is unique to our institution. This is in addition to need based counseling offered
- ✚ Several committees interacting with teachers and students promote activities like Personality development, training, placement, industry-institution interface and student welfare
- ✚ Every year the college conducts an inaugural programme for the fresh batch of students. The program spells out the vision, mission, objectives and the institutional motto to the student.
- ✚ Large no. of student belongs to rural setups around and in Mehsana district so teaching is carried out in Gujarati along with English particular in Science faculty.
- ✚ Several students make presentations in the class to enhance their presentation skills on Teachers day & in Seminar.
- ✚ Students are assessed on the basis of their regularity in class rooms, assignments, presentations, and performance in the two regular internal tests.
- ✚ Students belonging to low socio-economic status of society are guided at each and every step of the academic, economic and personal level to enable them to compete with the global market.
- ✚ Social and health issues of students like thalassemia, HIV are given importance and executed at workshops, health checkup camps & seminars etc.
- ✚ To provide comprehensive knowledge and skills appropriate to the discipline with varied teaching learning experiences relevant to each department
- ✚ The college is very transparent in admission procedure and strictly follows reservation quota of university and government rules.
- ✚ Travel grant was allotted to Dr.H.M.Ant by UGC for foreign tour regarding his research paper presentation.

HIGH LIGHTS OF THE CRITERION:

- ✚ Every day the college conducts Prayer on Audio system in every class.
- ✚ Every year the college conducts an inaugural cum orientation programme for the fresh batch of students when parents also get to meet the Principal and faculty. The program spells out the vision, mission, objectives and the institutional motto to the parent-student gathering. This is followed by an orientation programme in their respective class rooms.
- ✚ Our institution believes in the versatile development of students. This is done keeping in view the demands of the job market. Hence, a number of soft skill development programmes are arranged for students in the form of lectures and workshops. Also, teachers train students in writing business proposals and resume. It is compulsory for all students to make presentations in the class to enhance their presentation skills
- ✚ Students are assessed on the basis of their interaction in class rooms, assignments, presentations, and performance in the two regular internal tests.
- ✚ The college is very transparent in admission procedure and strictly follows reservation quota of University and Government rules.
- ✚ Facilities of P.G. available in chemistry and Hindi subject, More over Ph.D guide teacher in Chemistry, Botany, Zoology and Sanskrit subject.
- ✚ Only one science college established in rural area in north Gujarat region in which three faculties are there and has very good reputation not only in surrounding area but all over Gujarat.
- ✚ Our college prepare its own academic calendar
- ✚ Faculty uses audio/visual aids.
- ✚ Learning is made more student centric by seminar, assignment, workshop, study tour, virtual classroom etc.
- ✚ Library is well equipped.
- ✚ Highly qualified and sufficient teaching staff.
- ✚ Faculty participated in external workshop/seminar/conference organized by reputed institution is nearly 100%.
- ✚ More than 70% staff presented their research paper in conference/workshop.
- ✚ Teachers have full advantage to pursue research activity in institute and other places.
- ✚ No. of faculties have participated in live teaching programme like BISAG.
- ✚ Many teachers are associated with research activity and they have completed their research project and newly applied too.
- ✚ Student feedback regarding teacher performance in the classroom is playing prime role to enhance teacher ability in teaching learning and evaluation process.
- ✚ The University introduced the CBCS pattern and semester system for all the U.G.and P.G. programmes.
- ✚ The internal evaluation including seminar, assignment and regularity of the student is improves the student learning process.

- ✚ Especially this year we have adopted new reform base evaluation using Unit test method for continuous learning.
- ✚ Formative assessment of the student is done on the following parameters Assignments, Presentations, Field visits Industrial visits, Class interactions, Group discussions/Viva-voce, Workshops/Seminars, Research activities, Projects, Written and practical tests, Organizing functions ,Curriculum based training, Social activities,Inter college competitions, Overall attendance and conduct during the session.
- ✚ Extra-curricular and co-curricular activities like NSS, NCC, Saptadhara, Science Society, Community Science Centre, Sports and Cultural activities.
- ✚ Best performance of student in each stream is also awarded through the **Best Boy and Best Girl Award.**
- ✚ Good results and Toppers in the University examination is a matter of pride for us.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of research

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

- ✚ Yes. Separate research laboratories have been established in Chemistry, Botany and Zoology Departments, in which the equipments for research, glassware and chemicals have been supplied by the chemistry department and chemistry students of PG and Ph.D do their research work easily and successfully.
- ✚ There are seven teachers in Chemistry Department. Out of them five are sparing their service as a Ph.D guide.
- ✚ Forty students have acquired Ph.D degree from Chemistry Department of this college till the date.
- ✚ Above 300 research papers have been published by the teachers of the Chemistry Department till the date.
- ✚ Moreover, two teachers of Botany and Zoology department of the college are recognized Ph.D. guides.
- ✚ Five students have acquired Ph.D degree from Botany and Zoology Department of this college till the date.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

- ✚ Yes, A research committee has been established in year 2007, which handles the matters related to research work. At present, this committee contains the following members

- ✚ **Composition of committee :**
Convener: Prin. Dr. S. S. Shah
Members: Dr. R.S.Dave
Dr. H.M.Ant
Dr. M.S.Prajapati
Dr. C.A.Acharya

- ✚ **Recommendations made by the committee for implementation and their impact :**

Recommendation	Impact
<ul style="list-style-type: none">• Honoring faculty members for obtaining Ph.D. degree, guide ship and abroad visit for research activities.	<ul style="list-style-type: none">• Faculty members who obtained Ph.D. degree, guide ship and abroad visit for research activities are honored on the Annual Day Celebration.

<ul style="list-style-type: none"> • To develop research aptitude among both faculty and students (UG & PG). 	<ul style="list-style-type: none"> • The PG students of Chemistry department are doing project work under the guidance of PG teachers. • Three PG students have presented their research papers in national level conference at Palanpur (N.Guj.) on 2-3 Feb.2013. • The faculty members have presented their research papers regularly in national / state level conferences. • Dr K N Patel has presented his paper in international level conference PITTCON 2008 at US. • Dr H M Ant has presented has paper in international level conference at CANADA.
<ul style="list-style-type: none"> • All department insisted to have MOU with relevant industries, academic institute and research labs. 	<ul style="list-style-type: none"> • We have established MOUs with P.S.Science college, Kadi and M.N.Scince college, Patan (N.Guj.) for research and academic activities. • We have established MOUs with various industries viz. Sycron Pvt Ltd, Ahmedabad, Dishman Pharmaceutical Pvt. Ltd., Ahmadabad, Alps Industries, Ahmedabad for using sophisticated instrument and research laboratory.
<ul style="list-style-type: none"> • To encourage faculties to pursue M.Phil., Ph.D. degree and Guideship . 	<ul style="list-style-type: none"> • Eight faculty members are recognized research guide in different universities and actively engaged in research. • Eight teachers have pursued Ph.D. degree during last five years • Three teachers are engaged in reseach work.
<ul style="list-style-type: none"> • Encourage both faculty and students to write research papers and Research Project proposals. 	<ul style="list-style-type: none"> • Two workshops and a seminar have been organized in the college to Encourage both faculty and students to write research papers and proposals. • 9 minor research Projects have successfully been carried out by the institution, 6 minor projects are going on while 3 project proposals have duly been sent for approval.
<ul style="list-style-type: none"> • To publish more research papers 	<ul style="list-style-type: none"> • Sixty eight research papers have been published by the teachers of the Chemistry Department durin last five years. • During last five years 120 (one hundred and twenty) research papers have been published by teachers.
<ul style="list-style-type: none"> • To increase the research facilities like, sophisticated equipments, Glassware, Chemicals. 	<ul style="list-style-type: none"> • In the research laboratory of Chemistry department, sophisticated instruments like FTIR, HPLC, AAS, Digital Balance, etc., have been purchased during last two years. • In the research laboratory of Biology department sophisticated instruments like BOD Incubator, Video Imaging System etc., are purchased during last two years under CPE Scheme.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- **Autonomy to the principal investigator : Yes**
- **Timely availability or release of resources : Yes**
- **Adequate infrastructure and human resources : Yes**
- **Time-off, reduced teaching load, special leave etc. Teacher**
- **Support in terms of technology and information needs : Yes**
- **Facilitate timely auditing and submission of utilization certificate to the funding authorities : Yes**
- **Any other**

+ To facilitate smooth progress and implementation of research scheme/project following steps are taken:

- Due independence is given to the teacher plunged into research work.
- Due efforts we made to make available all the equipments for research work.
- All the resources are provided timely for the research work.
- All the human resources are provided with all the material, facilitate (Laboratory, Internet, Journal, Chemical, Glassware, etc.) in research work.
- Under the faculty improvement programmes of UGC a teacher is sanctioned study leave, sabbatical leave by the college for his research work.
- The facilitate of computer and internet is made available in each staff room, library and research laboratory for Ph.D doing teacher. Each teacher can make use of e-library due to personal account in INFLIBNET.
- The internal auditing facility is provided to the teachers whose minor/major research project is completed.
- Honoring the faculty members who have obtained Ph.D, research guide, faculty member who have presented their paper abroad.
- Separate research section in central library is developed to access back volume of research journal and thesis
- MOU with other academic institute research institute and industry for research co-operation.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

Following efforts are we made by the institute ion to develop scientific temper and research culture and aptitude among students.

- + Students are informed about the research carried out by faculty members, which works as inspiration.
- + Displaying the information regarding various students projects on notice board and providing guidance of particulars.
- + Our institution organizes seminars/workshop and expert's lecture
- + Financial facility is provided to research and PG students to enjoy participation in conference held at outside college.
- + The research project work is given and guided to the PG students.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

- ✚ (a) Following faculty members are recognized research guide in different universities and actively engaged in research.

Sr. No.	Name of the Guide	Subject	University	Number of Ph. D. Students working	Number of Students Awarded Ph. D.
1	Prin. Dr.S.S.Shah	Chemistry	Hem. North Gujarat University, Patan.	02	09
2	Dr. R. S. Dave	Chemistry	Hem. North Gujarat University, Patan	02	07
3	Dr. G. G. Barat	Chemistry	Pacific University, Udaipur.	Nil	Nil
4	Dr. G. R. Jani	Chemistry	Pacific University, Udaipur.	01	Nil
5	Dr. C. A. Acharya	Zoology	Hem. North Gujarat University, Patan.	07	04
6	Dr. H. M. Ant	Botany	Hem. North Gujarat University, Patan	02	01
7	Dr. K. N. Patel	Chemistry	Pacific University, Udaipur.	Nil	Nil
8	Dr.M.S.Prajapati.	Sanskrit	Hem. North Gujarat University, Patan.	06	Nil

- (b) Following faculty members are doing their Ph. D. Work in different Universities.

Sr No	Name (Department)	Title	Name of University Reg.No. & Date	Name of Guide
1	K.A. Patel Mathematics	"Development of Inventory Models under uncertain Environment"	Kadi Sarva Vishwa Vidyalay, Gandhinagar 10F0237 Dt. 25/08/2010	Dr. Hardik N. Soni
2	K.S. Bhatt Economics	"Economics Problems of Regional Film Industry aase study of Gujarati Film Industries"	Kadi Sarva Vishwa Vidyalay, Gandhinagar	Dr. J.J. Bhatt
3	M.P. Arvadia Mathematics	"On the sequence of a generalize fibonacci numbers"	Pacific University, Udaipur.	Dr. D.V.Shah

(c) Ongoing/Completed Minor/ Major Research projects during five years

Sr. No.	Minor/ Major	No. of Project completed	No. of Project ongoing	No. of Project applied
1	Major	Nil	Nil	01
2	Minor	09	06	03

(d) Following faculty members have completed their Ph.D. from different universities during last five year.

Sr No	Name (Department)	Title	Name of University	Name of Guide
1	Dr. A. R. Modhvadiya Botany	A Contribution of Ethno-Botany in Mehsana District	Saurashtra University, Rajkot	Dr. B.A.Jadeja
2	Dr. R. G. Parmar Chemistry	Analytical studies of some transition metal complexes of o-hydroxy ketoximes	Hem. North Gujarat University, Patan.	Dr. S. S. Shah
3	Dr. G. G. Barat Chemistry	Synthesis and antimicrobial activity of some new quinazoline - 4(3H) one bearing pyrazole moiety.	South Gujarat University, Surat.	Dr. N. B. Patel
4	Dr. G.R. Jani Chemistry	Studies in the Synthesis of Heterocyclic Compounds of Oxygen and Nitrogen and their Properties.	Gujarat University, Ahmedabad.	Prof. Judas Franco
5	Dr. V. B. Modi Chemistry	Synthesis of some new heterocyclic compounds with expected potential biological activity.	Hem. North Gujarat University, Patan.	Dr. K. A. Parmar
6	Dr. C. A. Patel Physics	Studies on schottky barrier devices prepared from well characterizes Tungston diselenide crystals grown by DVT technique.	S. P. University, V. V. Nagar, Gujarat.	Dr. K. D. Patel
7	Dr. S. M. Prajapati Hindi	Vyangkar Narendra Kohli	Hem. North Gujarat University, Patan.	Dr. V. K. Vaishnav
8	Dr. A. N. Dave English	Comparative Study of Romentism between Kids and Kalidas	Dr. Babasaheb Ambedkar Open University, Gujarat.	

✚ Till the date....

- 08 faculty member are recognized as a Ph.D. guide in various university.
- 120 research Papers have been published during last five years.

- 20 PhD Student have been awarded during last five years.
- Principal Dr.S.S.Shah is doing notable research activities in collaboration with Synchron Research Pvt. Ltd, Ahmedabad, Dishmann Pharma Ltd., Bavala, Alps Industries, Vatva.

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

- ✚ In order to cultivate a research culture among teachers and students...
- ✚ Following State/National/International conference/seminar/workshops have been organized by various departments of the institution.

Department	Title	Place	Date	Funding Agency	Registered Delegates	State / National level
Chemistry	Application of spectroscopic Techniques in Chemistry	Dept. of Chemistry	23-02-2010	UGC	250	State
Chemistry	The Role of Chemists in Industries and Research IYC-2011	Dept. of Chemistry	31-12-2011	UGC-IYC	120	State
Biology	Ethnobotany and Biodiversity	Dept. of Biology	Aug.-2009	UGC	100	State
Mathematics	National Conference on Advances in Mathematical Sciences	Dept. of Maths, Kadi Serwa Vishwavidhyalaya, Ector-15, Gandhinagar.	7-8, Dec. 2012	UGC-GUJCOST	157	National

- ✚ Details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students during last four years.

Department	Resource Person	Topic	Date
Chemistry	Dr.K.H.Chikhaliya	Alkaloids	15-10-2010
	Dr.M.R.Mehta	Metal Complexes	15-10-2010
	Shri M.T.Machhar	Thermodynamics	15-10-2010
	Dr.M.C.Patel	Structure of Atom	18-10-2011
	Dr.D.R.Fudani	Symmetry	18-10-2010
	Dr.S.V.Patel	Polymer chemistry	18-10-2010
	Dr.Z.M.Gadhawala	Carbohydrates	18-10-2011
	Dr.P.J.Vyas	Symmetry	15-10-2011
	Dr. V.M.Barot	Conformation analysis	20-10-2011

	Dr.K.B.Vyas	Colourimetry	10-01-2011
	Prof. Pragnesh Dave	Thermodynamics	22-09-2012
History	Prof. R. M. Chaudhari	Comparison of Two World Wars	28-02-2012
	Dr. Naresh Parikh	Ancient History	11-10-2012
English	Dr. K.S.Bhatt	Innovation in the approach to teaching English	08-10-2010
	Prof. Tushar Pandey	Proficiency in English	16-02-2012

3.1.7 Provide details of prioritised research areas and the expertise available with the institution.

- ✚ Details of prioritized research areas and expertise available with the institution are as following:

Sr No	Name of expertise available	Subject	Specialized area
1	Dr. S. S. Shah	Chemistry	<ul style="list-style-type: none"> ● Coordination chemistry ● Synthetic organic chemistry ● Bioequivalence study ● Analytical chemistry
2	Dr. R. S. Dave	Chemistry	<ul style="list-style-type: none"> ● Coordination chemistry ● Photochemistry ● Water analysis
3	Dr. G. G. Barat	Chemistry	<ul style="list-style-type: none"> ● Synthetic organic chemistry
4	Dr. G. R. Jani	Chemistry	<ul style="list-style-type: none"> ● Coordination chemistry ● Physical chemistry
5	Dr. C. A. Acharya	Zoology	<ul style="list-style-type: none"> ● Animal Science
6	Dr. H. M. Ant	Botany	<ul style="list-style-type: none"> ● Plant Taxonomy ● Ethnobotany
7	Dr. M. S. Prajapati	Sanskrit	<ul style="list-style-type: none"> ● Sanskrit Vadanta

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

- ✚ In order to stir the research activity rapidly and to attract more and more students and teacher to research work our institution has invited following research personality from the various universities to deliver their speeches.
 - Dr. D. I. Bhrahmbhatt
- ✚ We organize frequently seminar, workshop, traning progremme, expert lecture etc..
- ✚ We invite R&D persons from leading industries and fields.
 - Dr. Bhavesh Dasandi

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

- ✚ No faculty has utilized sabbatical leave for research activities till the date. However, provision of sabbatical leave prevails.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

- ✚ The awareness about the latest research available at institute level and university level is shared among the students and persons from all walks of life.
- ✚ The research articles are exhibited on notice board, discuss in classroom to creating awareness.
- ✚ The finding of the research are presented at various level seminars/conference by faculty and students.
- ✚ The finding of the faculty are published in reputed national as well as international research journals.
- ✚ The finding of the soil testing analysis and water analysis are communicated to the farmers and to society.

3.2 Resource Mobilization for research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

- ✚ The institute promote research development by extending financial support to faculty and students. During last four years the institute has incurred the expenditure from various grants of UGC in following ways:

Sr No	Major Heads of Expenditure	Financial utilization (Rs) for the Year			
		2009-10	2010-11	2011-12	2012-13
1	Renovation of Research Labs	2,82,409	2,82,409	16,26,268	91,551
2	Equipments	1,41,526	2,35,164	32,31,702	28,79,309
3	UPS and ICT Infrastructures	52,850	57,000	3,21,437	14,04,391
4	Library Resources - Reference Facilities	--	1,96,018	17,250	1,17,938
5	Research Seminars/conferences	--	1,28,288	36,026	1,40,943

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

- ✚ Direct financial support is not given to the students for research projects, but by the way of glassware, chemicals, laboratory, library, internet, etc., are provided free of cost.
- ✚ Financial support is provided to the research students who is deputed to the national and international seminar for presenting their paper.

3.2.3 What are the financial provisions made available to support student research projects by students?

- ✚ Direct financial support is not given to the students for research projects, but by the way of glassware, chemicals, laboratory, library, internet, etc., are provided free of cost.
- ✚ Financial support is provided to the research students who is deputed to the national and international seminar for presenting their paper.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Collabotion between Department	Research
Chemistry-Biology	Antibacterial activities and Antifungal activities of compounds
Chemistry-Zoology	Bio chemistry research work
Zoology-Statistics	Bio chemistry research work
Chemistry-Statistics	Statistical Chemistry
Sanskrit-Gujarati	Idiomatic usage in Sanskrit and Gujarati language
Sanskrit-Botany	Vegetation in celebrated epics in Sanskrit literature
English-Sanskrit	Literature work of Kalidas and Kids

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

- ✚ Extended library hours to staff and student
- ✚ Research journals, subscription to e-journal. (Infinity –notice)
- ✚ Computers and 24 X 7 Internet Connectivity through Wi-Fi
- ✚ Research lab facilities are made available for 24 hrs.
- ✚ The laboratory and library facilities are provided to faculty and research students from other institutes with prior permission.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If ‘yes’ give details.

- ✚ No

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organisations. Provide details of ongoing and completed projects and grants received during the last four years.

No	Name of Teacher	Minor/ Major	Title of Research Project	Sponsoring Agency	Funds Rs.	Duraton	Sanction No & Date
1	Dr.R.S.Dave (Chemistry)	Minor	Photochemical Studies of Alkylene dithiophosphate of Nickle(II) Containing Mono and Bidentate Nitrogen Donor Ligands.	U.G.C.	50,000	1999-2000	23-199/99 (WRO) Dt. 18-8-1999
2	Dr.K.S.Parikh & Dr.S.S.Shah (Chemistry).	Minor	Stdies in Complex Compounds of Transition and Lanthanide Metals.	U.G.C	35,000	2001-02	23-238/2001 (WRO) Dt. 29-03-2001
3	Dr.H.M.Ant (Botany).	Minor	Ethnobotanical studies of Agniospams of Aravalli hills (Dist- B.K.).	U.G.C.	40,000	2000-01	23-58/2007 (WRO) Dt. 23-11-2000
4	Shri.K.S. Parikh & Dr.K.S. Parikh (Chemistry).	Minor	Some aspects of water and waste water.	U.G.C	45,000	2002-03	47-58/2002 (WRO) Dt. 18-12-2002
5	Dr.K.S. Parikh (Chemistry).	Minor	A green way of protection against corrosion of mild steel in acid medium	U.G.C	50,000	2002-03	47-173/2002 (WRO) Dt. 18-12-2002
6	Dr. Y.H. Raval (Gujarati)	Minor	Description of natKakasaheb kalelkar, Suresh joshi, Bholabhai patel and Manilal H. Patel.	U.G.C.	23000	2003-04	23-164/2003 (WRO) Dt. 8-03-2003
7	Dr.H.M.Ant (Botany).	Minor	Contribution to the flora of Banaskantha district vegetation and forest resoures of the Jassor and Balaram Sanctuary.	U.G.C.	70,000	March 2008	47-329/2007 (WRO)
8	Dr.S.S.Shah (Chemistry)	Minor	Estimation of some anti depressant and anti convulsant drugs in biological fluids using LC/MS/MS techniques.	U.G.C.	1,55,000	2009-11	47-556/08 (WRO)
9	Dr. H. M. Ant (Biology)	Minor	An Ethno medicinal and Phytosociological study of tree species of North Gujarat.	U.G.C.	90,000	2012	23-58/2000 (WRO) Dt. 13-11-2000
10	K.A.Patel	Minor	Development of inventory models under Fuzzy Framework	U.G.C.	70,000	2010-2012	23-1767/10 (WRO) 15/10/10
11	Dr.C.A. Acharya (Co-investigator)	Minor	Impect of Physico-chemical parameters on plankton diversity in some fresh water ponds of Rural area of Ahmedabad,Gujarat.	U.G.C.	65,000	2010-2011	47/897/11 (WRO) 02/02/2012

12	Siraj S. Mirza	Minor	A study on acceptance of e-banking among customers of Kheda district.	U.G.C.	2,08,000	2013	23-086/12 (WRO) 06/02/13
13	Dr.V. B. Modi	Minor	Synthesis and Biological Studies of 1,3,4-Oxadiazole Derivatives	U.G.C.	1,00,000	2013-14	23-264/12 (WRO) 25/02/13
14	Dr.M.S. Prajapati	Minor	Akhyayikas connected with Udgith Upasana of the Chandogyopanisad	U.G.C.	1,00,000	2013-14	23-322/12 (WRO) 18/02/13
15	Dr.G.G.Barat	Minor	Synthesis and invitro antimicrobial Studies of chalom containing quinazoline 4(3H)ones	U.G.C.	85,000	2013	47-296/12 (WRO) 25/02/2013
16	Dr.R.S.Dave (Chemistry)	Major	Removal of heavy metals from electroplating waste waters by Weakly acidic and Basic ion exchange resins and adsorption of waste dyes from dyeing house waste water by porous polymeric adsorbents.	U.G.C.	10,27000	2013-14	Applied
17	Dr.R.S.Dave (Chemistry)	Minor	Removal of fluoride from drinking water by using some bioadsorbents.	U.G.C.	200000	2013-14	Applied
18	Dr.S.S.Shah	Minor	Studies on some biologically active phenone derivatives and their metal complexis	U.G.C.	2,00,000	2013	Applied
19	Students research projects	Nil	-	-	-	-	-
20	Other	Nil	-	-	-	-	-

3.3 Research Facilities :

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- + Active research activities are mainly done in chemistry, Botany, Zoology and Sanskrit .
- + The major research facilities developed and available in the institute are as follow.
- + Two well equipped research laboratory in chemistry department are developed. Which includes sophisticated equipment like FTIR, AAS, HPLC, UV-VIS Spectrophotometer etc..along with computer-internet facility
- + In Biology department research laboratory having BOD incubator, video-imaging system, GPS System etc.. are available for research.
- + Central library having separate research section containing thesis and back volumes of research journal since 1970 and internet surfing facility.
- + Internet facility through Wi-Fi campus.
- + Availability of research journal and e-Journal are subscribed
- + The facility of Audio-Visual aids like laptops, LCD Projected, OHP, Printer are available.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- + The institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research are as under:

Enrichment of research facilities by

- Developing separate research laborites
- Purchasing sophisticated equipments
- Subscribing research journals and e-journals
- Facilitating computer- internet
- Purchasing software useful for research work
- Providing required chemicals and glassware
- Recognized PhD guides are encouraged and given sufficient autonomy for research.

Faculty members are encouraged for

- Doing/ joining PhD work
- Major and Minor research projects
- Participating in up-grading programmes viz. Seminars, Workshops...
- Established more MOUs with Industries, Academic Institutions and Research Centers.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments/ facilities created during the last four years.

✚ No.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

- ✚ We have setup MOUs with science college, Patan and science college, Kadi so the facility available their can be utilized.
- ✚ We have established MOUs with various industries viz. Sycron Pvt Ltd, Ahmedabad, Dishman Pharmaceutical Pvt. Ltd., Ahmadabad, Alps Industries, Ahmedabad for using sophisticated instrument and research laboratory.
- ✚ SICARD, V.V.Nagar has provided the facility of analysis for our students at concessional rate.
- ✚ Some of our faculty members are recognized Ph.D. Guide of various universities viz. Shri J.J.T. University, Rajsthan, Pacific University, Udaipur, Rajasthan.

3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

- ✚ Our library is well equipped with the modern facilities like Internet, Wi-Fi, Computer, Photocopier, Scanner, Printer, etc.
- ✚ The library has subscribed to research journals from various disciplines that help to gain a broader perspective in the field of research.
- ✚ Refrance books from various subjects are helpful to the faculty and student while doing these research work.

3.3.6 What are the collaborative research facilities developed / created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

- ✚ No, research institute has developed/created the collaborative research facilities in our college. However, institute does the collaborative research work under MoU with some leading industries and academic institution.

3.4 Research Publication and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of Patents obtained and filed (process and product) :

NIL

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

✚ We do not publish research journal but following faculty members spare their services in publishing various research journal.

Sr. No	Name of Faculty	Name of Journal	Designation
1	Pri.Dr.S.S.Shah	International Journal of ChemTech Applications	Editorial Board Member
		Institution of Chemistry, India	Fellow
2	Dr.R.S.Dave	International Journal of applied Technology in Environmental Sanitation Indonesia	As a Reviewer
		IC Scientist Pannel Index-Coper Nicus-Germany	IC Scientist
		American Chemical Society-USA	Annual Member
3	Dr.C.A.Acharya	International Journal of Animal Science	Editorial Board Member
4	Dr.H.M.Ant	International e-Journal of life science leaf late	Editorial Board Member & Reviewer

3.4.3 Give details of publications by the faculty and students:

- * **Publication per faculty**
- * **Number of papers published by faculty and students in peer reviewed journals (national / international)**
- * **Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**
- * **Monographs**
- * **Chapter in Books**
- * **Books Edited**
- * **Books with ISBN/ISSN numbers with details of publishers**
- * **Citation Index**
- * **SNIP**
- * **SJR**
- * **Impact factor**
- * **h-index**

✚ Following research paper have been published by faculties are published in peer reviewed national/international research journal by faculty members. Most of them are also listed in international database

✚ Details of research publications by the faculties.

Sr No	Title	Journal	Year	Vol./Page
Dr. S.S. Shah				
1	2-Hydroxy-2-Iodo-4-n-Butory-5-Bromopropiophenone oxime as an Analytical Reagent for Copper(II).	Asian Journal of Chemistry	2008	Vol. 20, 6, 4185-4190. I. Factor : 0.268
2	Determination of quinapril and quinaprilate in human plasma by Ultraperformance liquid chromatography electrospray ionization mass spectrometry	Journal of Biomedical Chromatography,	2008	Vol. 1-2 I. Factor : 1.966
3	Development and Validation of a High Through put and Robust LC-MS/MS with Electrospray Ionization Method for Simultaneous Quantitation of Diltiazem and its two Metabolites in Human Plasma: Application to a Bioequivalence Study	Journal of Chromatography	2009	Vol. 877,791-798 I. Factor : 3.057
4	Determination of Fenofibric acid in Human Plasma Ultra Performance Liquid Chromatography-Electrospray Ionization Mass Spectrometry : Applications to a Bioequivalence Study	Journal of Biomedical Chromatography	2009	Vol.23 922-928 I. Factor : 1.966
5	2-Hydroxy-4- Isobutoxy Acetophenone Oximes as Spectrophotometric Reagent for Manganese	International Journal of ChemTech Research	2009	Vol. 1(4), 868-872
6	Spectrophotometric Determination of Cu(II) using 2-Hydroxy-4-n-Butoxy-5-Bromo Acetophenone Oxime	Asian J. Chem	2010	Vil. 22(3), 1717-1722 Impact Factor : 0.4
7	Improvisation in Pigmentory Properties of Quinacridone Pigment	International Journal of ChemTech Research	2010	Vol. 2(2), 1061-1065
8	Improvisation in Pigmentory Properties of Dioxazine Pigment	International Journal of ChemTech Research	2010	Vol. 2(2), 787-791
9	Solid-phase extraction and analysis of paroxetine in human plasma by ultra performance liquid chromatography–electrospray ionization mass spectrometry	Biomed. Chromatogr	2010	Vol. 24, 209–215 I. Factor : 1.966
10	Development of a high-throughput method for the determination of ethosuximide in human plasma by plasma Liquid Chromatography mass spectrometry.	J. Chromatogr	2010	Vol. B, 878, 1605–1610 I. Factor : 3.057
11	Development and Validation of amitriptyline and its metabolite in human plasma by plasma Liquid	Biomed. Chromatogr	2010	Vol. 24: 1247–1254 I. Factor :

	Chromatography-tandem mass spectrometry and its application to a bioequivalence study			1.966
12	Extractive Spectrophotometric Determination of Nickel(II) with 2-Hydroxy-4-n-Butoxy-5-Bromo Acetophenone Oxime	Der Pharma Chemica,	2011	Vol. 3(1), 318-321
13	Rapid ultraperformance liquid chromatography-tandem mass spectrometry method for quantification of oxcarbazepine and its metabolite in human plasma.	Biomed. Chromatogr	2011	Vol. 25: 751–759 I. Factor : 1.966
14	Spectrophotometric Determination Of Copper(Ii) Using 2-Hydroxy-4-Isobutoxy-5-Bromo Acetophenone Oxime (Hibbao)	Int. J. Chemtech Applications	2012	Vol. 1(1), 101-107
15	Synthesis, Thermal Behavior and Antimicrobial Activities of Polyether Based on 4,7-dichloro 6-nitroquinazoline	International Journal of Polymeric Matirials	2012	Vol. 61, 437-447 I. Factor : 1.204
Dr. R. S. Dave				
1	Photochemical And Photocatalytic Studies of Cypermethrin Under UV Irradiation.	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(1), 152-158. Impact Factor : 0.4
2	Physico - Chemical Analysis Of Drinking Water Of Nadiad (Kheda) Region (North Gujarat).	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(2), 157-162. Impact Factor : 0.4
3	Status Of Fluoride In Ground Water Of Several Villages Of Modasa Taluka, North Gujarat For Drinkink Purpose.	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(2), 237-240. Impact Factor : 0.4
4	Removal of Copper Ions From Electroplating Waste Water By Weakly Basic Chelating Anion Exchange Resins: Dowex 50x4, Dowex 50x2 And Dowex M-4195.	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(2), 327-335. Impact Factor : 0.4
5	Removal Of Nickel From Electroplating Waste Water By Weakly Basic Chelating Anion Exchange Resins: Dowex 50x4, Dowex 50x2 And Dowex M-4195.	Journal Of Applied Science In Environmental Sanitation, Indonesia. ISSN 0126-2807	2011	Vol. 6(1): 39-44. Impact Factor : 0.7
6	Photochemical And Photocatalytic Studies Of Thiram[3-(2,2- Chlorovinyl)-2,2 Dimethyl Cychlopropane Carboxylic Acid] Under UV Irradiation.	Journal Of Ultra Chemistry . ISSN 0973 - 3450	2010	Vol. 6(1), 73-78. Impact Factor : 0.4
7	Removal Of Ni(II) From Hydrometallurgy Effluent Of Gujarat State Region Using Dowex M-4195.	Journal Of Chemical Pharmaceutical Research, CODEN (USA). ISSN 0975-7384	2011	Vol. 3(3): 271-276. Impact Factor : 0.4
8	Effect Of Inorganic Salts On Infiltration Rate Of Soils Of Several Parts Of	Journal Of Chemical	2011	Vol. 3(3): 835-841.

	Mehsana And Patan District Of North Gujarat.	Pharmaceutical Research, CODEN (USA). ISSN 0975-7384		Impact Factor : 0.4
9	Adsorption Of Textile Dyes From Aqueous Solution With Porous Polymeric Adsorbent Duelite 171.	Journal Of Chemical Pharmaceutical Research, CODEN (USA). ISSN 0975-7384	2011	Vol. 3(3): 842-848. Impact Factor : 0.4
10	Studies On Infiltration Rate Saline-Alkali Soils Of Several Parts Of Mehsana And Patan District Of North Gujarat.	Journal Of Applied Technology In Environmental Sanitation, Indonesia. ISSN 2088-3218	2011	Vol. 1(1): 87-92 Impact Factor : 0.7
11	Photochemical And Photocatalytic Studies Of Dichlorvos [2, 2'-Dichlorovinyl Dimethyl Phosphate] Under Uv Irradiation.	Journal Of Applied Science In Environmental Sanitation, Indonesia. ISSN 0126-2807	2011	Vol. 6(4): 403-409. Impact Factor : 0.7
12	Removal Of Nitrate From Drinking And Irrigation Water By Physico Chemical Methods.	Res. J. Pharm. Biol. Chem. Sci. Hyderabad. Codenrjpbpbp Chemical Abstract Service (USA). ISSN 0975-8585	2012	Vol. 3(4): 39-44. Impact Factor : 0.7
13	Synthesis, Characterization And Antimicrobial Activities Of Substituted Tetrahydro Thieno [2, 3 - C] Pyridin - 2- Y1] Schiff Base Derivatives	Journal Of Applied Technology In Environmental Sanitation, Indonesia. ISSN 2088-3218	2012	Vol. 2(2): 109-114. Impact Factor : 0.7
Dr. G. G. BARAT				
1	Synthesis And Antimicrobial Activity Of Pyrazolyl-Quinazolin-4(3h)-Ones.	Der Pharma Chemica	20/04/09	1(2):228-238 Impact Factor : 0.4
2	In Vitro Microbial Studies Of New Pyrazolylquinazolin-4(3h) Ones	J. Saudi.Chem. Soc.	10/11/09	14,157-164 Impact Factor : 1.5
3	Synthesis And Antimicrobial Activity Of 2-[2-(2,6-Dichloro Phenyl) Amino] Benzyl-3-(5-Substituted Phenyl-4,5-Dihydro-1H-Pyrazol-3yl Amino)-6,8-Dibromoquinazolin-4(3H) Ones	J. Young Pharmasists	12/05/10	2(2):173-182 Impact Factor : 0.4
4	Synthesis Of Chalcone Containing Pyrazolylquinazolin-4(3h) Ones And Their <i>In vitro</i> Microbial Studies.	Int. J. Chem. Sci.	02/02/10	8(2):1287-1300 Impact Factor : 0.4

5	Synthesis, Antibacterial And Antifungal Activity Of Pyrazolyl-Quinazolin-4(3h) One Derivatives.	Orbital Elec J. Chem.	21/05/10	2(3):248-262 Impact Factor : 0.8
6	In Vitro Evaluation Of Antibacterial And Antifungal Activity Of New Pyrazolyl-Quinazolin-4(3h) Ones.	Med. Chem. Res.	16/12/10	21:229-238
7	Synthesis And Invitro Anti-Microbial Evaluation Of Pyrazolin Quinazolin-4(3h) Ones.	Acta Poloniae Pharmaceutica Drug Reaserch	Revised	-
8	Synthesis And Antimicrobial Evaluation Of Some New Pyrazolyl-Quinazolin-4(3h) One Derivatives.	Turk J. Chememistry	Communicated	-
9	Synthesis And Antimicrobial Activity Of Some Quinazolin-4(3h) Ones Containing Pyrazoline Moiety.	Bull. Korean Chem. Science	Communicated	-
Dr. K. N. Patel				
1	“2-Hydroxy-4-N-Butoxy-5-Bromo Propiophenone Thiosemicarbazone As Spectrophotometric Reagent For Iron”	Asian Journal Of Chemistry	2009	22(4), 2805 – 2810 Impact Factor : 0.4
2	“New Spectrophotometric Method For Determination Of Cadmium”	E-Journal Of Chemistry	2009	6(S1), S496-S500 Impact Factor : 0.4
3	“Applicability 2-Hydroxy-4-N-Butoxy-5-Bromo Propiophenone Thiosemicarbazone As An Extractive Spectrophotometric Reagent For Manganese”	Ultra Chemistry	2009	5(2), 259-264 Impact Factor : 0.4
4	“2-Hydroxy-4-N-Butoxy-5-Bromopropiophenon Thiosemicarbazone As An Extractive Spectrophotometric Reagent For Nickel (II)”	International Journal Of Chem-Tech Research	2010	(2), pp 1090-1093
5	“2-Hydroxy-4-N-Butoxy-5-Bromoacetophenone Thiosemicarbazone As An Extractive Spectrophotometric Reagent For Nickel.	Orbital The Electronic Journal Of Chemistry ISSN 1984-6428	2010	2(4),341-346 Impact Factor : 0.8
Dr.R.G. Parmar				
1	Spectrophotometric Determination of Cu(II) using 2-Hydroxy-4n-butoxy-5-bromo Acetophenone Oxime	Asian Journal of Chemistry	2010	Vol.22,No.3 1717 Impact Factor : 0.4
2	Extractive spectrophotometric determination of Nickel(II) with 2-hydroxy-4n-butoxy-5-bromo Acetophenone Oxime	Der Pharma Chemica	Feb.2011	Vol.3,No.1 318-321 Impact Factor : 0.4
3	Extraction and Spectrophotometric Determination Of Cobalt	International Journal of ChemTech Research	July-Sept 2011	Vol.3,No.3 1490-1493
4	Spectrophotometric study of complexation reaction between Cobalt(II)and 2-	Der Pharma Chemica	---	Accepted Impact

	hydroxy-4n-butoxy-5-bromo Acetophenone Oxime			Factor : 0.4
Dr.G.R. Jani				
1	Synthesis and Characterization of Biologically Active Metal Complexes of Comarin Derivatives.	International Journal of Chemical Sciences, Udaipur.	2008	6(4), 2028-2037
2	Preparation and Anti Microbial activity of S-triazine hydrazone of 7-Hydroxy Coumarin and their Metal Complexes.	E-journal of Chemistry, A.P.	2009	6(4),1228-1232. Impact Factor : 0.4
3	Synthesis, Characterization and Antimicrobial activity of Metal Complexes of Hydrazone Derivatives of 8-Aceto-7-Hydroxy Coumarin.	ICAIJ (Inorganic Chemistry, An Indian Journal)	2009	4(4),122-125.
4	Determination of Stability Constant of Metal Complexes of Hydrazone derivative By Spectrophotometer	ICAIJ (Inorganic CHEMISTRY, An Indian Journal)	2009	4(3),133-135.
5	Spectrophotometric Study of Ferrous(II) and Ferrics(III) Metal Complexes.	Der Pharma Chemica.	2009	1(2),304-311. Impact Factor : 0.4
6	Stability Constant of S-triazine hydrazones of 7-hydroxy coumarin and their metal complex by Spectrophotometer Part-I	Ultra Chemistry (Bhopal)	2009	5(3),333-336. Impact Factor : 0.4
7	Stability Constant of S-triazine hydrazones of 7-hydroxy coumarin and their metal complex by Spectrophotometer Part-II	Ultra Chemistry (Bhopal)	2009	5(3),417-421. Impact Factor : 0.4
8	Synthesis Characterization and Spectrophotometric Study of Fe (III) Complex with hydrazone	ICAIJ (Inorganic Chemistry, An Indian Journal)	2009	4(4),194-196
9	Potentiometric Studies on Transition Metal Complexes of Substituted Derivative of Coumarin-Part 1	E-journal of Chemistry, A.P.	2009	6(4),1121-1124 Impact Factor : 0.4
10	Synthesis of Some Novel Metal Complexes of 4-Hydroxy Benzopyran2-ones as an Antimicrobial Agent.	Journals of Sciences, Islamic Republic of IRAN.	2009	20(2),111-114
11	Photochemical Ligand Exchange Reaction Involving Sodium Nitro Prusside-Malonic Acid System.	International Journal of Chemical Sciences, Udaipur.	2009	7(3),1831-1840

12	Synthesis Characterization And PH Metric Study of Some Novel Metal Complexes,	International Journal of Chemical Sciences, Udaipur.	2009	7(3),2103-2107.
13	Pontentiometric Studies on Transition Metal complexes of Substituted derivatives of coumarin.	Res.J.Chem. Environment.	2009	13(1), 35-36
14	Synthesis and Antimicrobial activity of Coumarin derivatives metal complexes : An in vitro evaluation	Orbital, The electronics Journal of Chemistry	2009	1(2),183-192 Impact Factor : 0.8
15	Synthesis and Characterization of Biologically active Metal Complexes of Coumarin Derivatives.	International Journal of Chemical Sciences, Udaipur.	2009	6(4),2028-2037.
16	Synthesis and Spectrophotometric Studies of Metal(II) Complexes of Hydrazone Derivative.	International Journal of Chemical Sciences, Udaipur.	2010	8(1),139-145.
17	Determination of Stability Constant of Metal Complex of Triazino Derivative by Spectrophotometer	Alfa Universal, An International Journal of Chemistry.	2010	1(1), 37-42
18	Studies on Complexes of Chalcone with Cu(II),Ni(II),Co(II),and Mn(II) Metal ions.	Journal of Indian Chemical Society (Kolkatta)	2011	Vol-88,719-722 Impact Factor : 0.5
Dr.V.B.Modi				
1	A Facile And Expeditious Approach For The Synthesis of 2-Azetidinone Derivatives With Microbial Activity	Asian Journal of Biochemical and Pharmaceutical Research	2011	(Vol.1)612-620
2	Pyrazoline-Piperazine merged Compounds: Synthesis, spectral analysis and antibacterial evaluation	Journal of Chemical, Biological and Physical Sciences	2012	Vol.2No.2,648-653
3	Synthesis and characterization of N-(4-(4-chlorophenyl)-6-(3,4-dimethylphenyl)pyrimidin-2-yl)-4-(2,6-diphenyl-4-thioxo-2H-1,3,5-oxadiazin-3(4H)-yl)benzenesulfonamide	Der Pharma Chemica	2012	(Voi.4)511-516 Impact Factor : 0.4
4	Synthesis Characterization And Biological Evaluation of 2,6-diohenyl-3-(4-(3-Phenyl-[1,2,4]Triazol[3,4-B][Thiadiazol-6-yl)Phenyl)-2H-1,3,5-Oxadiazine-4(3H)-Thione	Der Pharma Chemica	2012	Vol.4(2)639-646 Impact Factor : 0.4

Dr.C.A. Patel				
1	Temperature Dependent Transport and Barrier properties of DVT grown WSe ₂ crystals and Schottky devices	PRAJNA_Journal of pure and Applied Sciences, Vallabh Vidyanagar(Gujarat)	2010	18/(119-122)
2	Structural and Thermo Electric properties of Tungsten Di-Selenide Crystal	American Institute of Physics AIP-Conference Proceeding	2011	1313(251-252) ISBN 978-0-7354
3	Structural and Characterization of Tungsten Di-Selenide Single Crystal	International journal of Physics and Methamatical Sciences	2012	2(4),17-26 ISSN 2277-2111
Dr. H. M. Ant				
1	A Note On Some Edible Gum Yielding Plants And Their Roles In Rural Economy Of Banaskantha In Gujarat	Advances In Biological Sciences	2007	Vol. – 6 (1 & 2), 35-36,
2	Curring Diseases By Herbal Hot Fomentation Therapy In The Rural Area Of The Vav Taluka Of Banaskantha District Of Gujarat	Plant Archieves (International Journal Of Plant Research)	2009	Vol.-09, No. 02
3	A Study On Spices And Condiments Cultivated In North Gujarat	Life Sciences Leaflets An International Ejournal ISSN 0976-1098	March 2011	Vol.-13, No. 414-416
4	Study Of Plant Diversity In Vadali Range Forest District Sabarkantha, North Gujarat, India	Life Sciences Leaflets An International Ejournal ISSN 0976-1098	1 st January 2012	1:32-43, 2012
5	Life Forms and Biological Spectrum of the Fluora of the Vadali range Forest	Life Sciences Leaflets An International Ejournal ISSN 0976-1098	1 st January 2012	4 (60-63)
Dr. A.R. Modhvadia				
1	Study of some medicinal plants of Vijapur Taluka of Meshana district Gujarat India	Plant Archives	2008	08(02) pp. 719-721
2	Study of vascular systems and nodal structure in some members of family Solanaceae	Plant Archives	2008	08(02) pp. 741-745
3	Some ethno botanical useful mangroves in Diu (U.T.) India	Plant Archives	2009	09(01) pp. 221-225
Dr. C. A. Acharaya				
1	The effect of ultra violet light (uva) on gsh present in the lens of frog	The Asian Journal of Animal Science	2007	Vol.2 No. 1&2: (86-88)

2	Guild classification for urban birds, The Asian Journal of Animal Science	The Asian Journal of Animal Science	2008	Vol.3 No. 1: (14-18)
3	Nest and nest contents of near threatened Black Headed Ibis (<i>Threskiornis melanocephalus</i>)	The Asian Journal of Animal Science	2009	Vol.4(2) (146-148)
4	First record on breeding chronology of Little Cormorant, <i>Phalacrocorax niger</i> in Visnagar, North Gujarat, The Asian Journal of Animal Science	The Asian Journal of Animal Science	2010	Vol 5(1), (17-19)
5	Primary investigation on plankton in a fresh water body at Visnagar, Gujarat The Asian Journal of Animal Science	The Asian Journal of Animal Science	June 2010	Vol 5(1), (81-84)
6	A comparative study of avifauna from two reservoirs in Kheda district, Gujarat, India	J. Aqua. Biol.	2010	25 (1) (41-45)
7	Sarus Crane in Chimanabai Sarovar, North Gujarat, June	ZOO'S Print	2010	Vol. 25 (6) (25)
8	Partial albinism in Black Ibis <i>Pseudibis papillosa</i>	Journal of BNHS	2011	Volume 107(1): (58-59)
9	First record: selection of an Electric pole a roosting site by Black Ibis <i>Pseudibis papillosa</i>	Journal of BNHS	2011	Volume 107(1):, (59)
Shri K.A. Patel				
1	A Laplace Transformation Solution In Miscible Fluid Flow Through Porous Media	Journal of SCI-TECH Research	2010	1
2	The Solution of One Dimensional Vertical Ground Water Recharge through Porous Media By Laplace Transformation Technique'	International Journal of Altra Scientific of Mathematics	2010	22(1) 345-351
3	Optimizing inventory and marketing policy for non-instantaneous deteriorating items with generalized type deteriorating and holding cost rates.	"Omega" The International Journal of Management Science. (ELSEVIER)	April 2013	41(2) 421-430 Impact Factor: 3.338
4	A Production Inventory Model with Flexibility and Reliability Under m_k measure.	International Journal of Inventory And Management.	Under Publication	ISSN: 0975-3729
5	Optimal Strategy for an Integrated Inventory System Involving Variable Production and Defective Items under Retailer Partial Trade Credit Policy.	Science Direct (ELSEVIER) Decision Support Systems.	2012	54, 2012, 235 – 247. ISSN: 0305-0483, Impact Factor: 1.687
6	Optimal pricing and inventory policies for non-instantaneous deteriorating items with permissible delay in payment: Fuzzy expected value model	International Journal of Industrial Engineering Computations	2012	3, 2012, 281 – 300. ISSN: 1923-2926.

7	A fuzzy production inventory model with imprecise production and fuzzy production time under m_λ – measure	International Journal of Mathematics and Computation	2013	18(1), 2013, 67 – 84. ISSN: 0974-570X
8	Continuous review inventory model with reducing lost sales rate under fuzzy stochastic demand and variable lead time	International Journal of Procurement Management		ISSN: 1753-8432
9	Optimal policies for integrated inventory system under fuzzy random framework	International Journal of Advanced Manufacturing Technology		ISSN: 0268-3768, Impact Factor: 1.103
10	Coordinating marketing and inventory policies for non-instantaneous deteriorating items with partial backlogging	Journal of SCI-TECH Research	Under Publication	
Dr. M.R. Pandya				
1	Agni The God of Ved	Ved Sandesh	2009	9/9
2	Shatpathbrihman Ma Rudra Devtanu Svarup-1	Ved Vyasanga Gurupurnima Prachya Vidya Mandir Vadodara	2009	2/31
3	Feature Of Rudra Devata In Satpathbrahmin -2	Ved Vyasanga Gurupurnima Prachya Vidya Mandir Vadodara	2009	6/17
4	Feature Of Vaidik Dharma Nu Svarup-1	Ved Sandesh	2009	2/3
5	Feature Of Vaidik Dharma Nu Svarup-2	Ved Sandesh	2009	9/3
6	Indradevata Of Antarix Sthan	Ved Sandesh	2009	4/3
7	Rugvedno Rudra Devata	Ved Sandesh	2009	6/17
8	Rangada Kathaam Abhivyaktathati Samajik Chaetana	Sanskrit Sahityama Samajik Chaetana	2009	101to 115
9	Vedana Divvy Devata Ashvinau	Ved Sandesh	2010	7/3
10	Vaidik Dharmanu Svarup	Ved Sandesh	2010	9/3
11	Antarix Sthaniny Devata Parjanya Ane Mrutgana	Ved Sandesh	2010	10/3
12	Vedakalin Ushadevi	Ved Sandesh	2010	9/3
13	Parthivdevata Bruhspati	Ved Sandesh	2010	2/9
14	Parthivdevata Som Tatha Yama	Ved Sandesh	2010	3/7
15	Rugvedma Adityagan Ane Temni Sankhya	Ved Sandesh	2011	9-10/50

16	Rugvedno Devata Rudra	Ved Sandesh	2011	9/14
17	Yjurvedma Rudradevatanu Svarup	Ved Sandesh	2012	1/22
18	Saparvikama Kama Manovaignanik Abhigam	Pratibha Prakash	2012	176 to179
19	Hemcharyas criticisms of metpdur in kavyanushashan	Haim Prabha ISSN-2250-3064	2013	VOL.4 p. 50-61
Dr. I.S. Vaghani				
1	Kathopnishad	Upnishado Atmano Sakshatkar	2008	Page-74
Dr.M.S. Prajapati				
1	Preachings Of Shri Krishna	Vedasandesh, Apri-2007.	Apri-2007	
2	Prashnopanishad-	Upnishado (Atmanosakshatkar)	2008	35
3	Kesar In Sanskrit Litureture	Samipya	March-2008	
4	Words And Their Meaning In The Uttering Of Bhima And Kiratarjuniya By Bharvi	Samipya ISBN 81-7997-305-9	March-2008	
5	Nygrodh In Sanskrit Literature	Navbharti.	01/03/08	
6	Madan-Gita In The Plays of Kalidas	Shardapith Pradip.	20/03/08	
7	Umakhyati In Upanishads	Ma Umiya	2009	91
8	Madan-Gita In The Plays of Kalidas	Nutan Pariprexama Sanskrit Natak	2010	138
9	The Ancient Concepts of Yog Sadhana. -Nigam-Kalpataru Dr.Gautam Patel Felicitation Volume-2011	Dr.Gautam Patel Felicitation Volume-2011	2011	
10	Pranvidya in Upanisad	Pratibha Prakash ISBN-978-93-810628-09-8	2012	214-220
Dr. Y. H. Raval				
1	Akho and His Chhappa	Akho bhagat : His jivan ane Rachnao	2007	
2	Akhona Chhappaman kataksh ane drastant kal	Akho bhagat : His jivan ane Rachnao	2008	Accepted
3	Malela Jeev' Ni Bhavyodtta Nayika-Jeevee	Malela Jeev' Ni Nayika-Jeevee	2010	Accepted

4	'Saharani Bhavyata' na udatta rekhachitro	Parab Magazine	2012	Accepted
5	Prerak laghu nibandhono sanchay	Agas	2010	Samvid-2
Ku. J.R. Vaghela				
1	The Economics Of Climate Change And Its Mitigatioin	Research Journal Of Social And Life Sciences ISSN 0973-3914	June - 2012	Volume-12-1 Page No.-156

✚ **No. of research publication by the faculty and students during last five years.**

Sr. No.	Name of faculty	Subject	No. of Paper published	No. of Paper listed in International/ National Database
1	Dr. S.S. Shah	Chemistry	15	15
2	Dr. R. S. Dave	Chemistry	13	13
3	Dr. G. G. Barat	Chemistry	06	06
4	Dr. R. G. Parmar	Chemistry	03	03
5	Dr. K. N. Patel	Chemistry	05	05
6	Dr. G. R. Jani	Chemistry	18	18
7	Dr. V. B. Modi	Chemistry	04	04
8	Dr. C. A. Acharya	Zoology	09	09
9	Dr. H. M. Ant	Botany	04	04
10	Dr. C. A. Patel	Physics	04	04
11	Shri K. A. Patel	Mathematics	05	05
12	Dr. M. S. Prajapati	Sanskrit	09	-
13	Dr. M. R. Pandya	Sanskrit	19	-
14	Dr. I. S. Vaghani	Sanskrit	01	-
15	Dr. Y. H. Raval	Gujarati	03	-
16	Ku. J. R. Vaghela	Economics	01	01

* **Monographs : Dr S S Shah**

Name of Book/Article	Name & Address of Publisher	Year	Remarks
Gujrati Vishwakosh Vol-13 1. Bunsen Burner 2. Benzyl Alcohol 3. Benzaldehyde 4. Benzoic Acid	Gujrati Vishwakosh Trust, Ahmedabad	2000	p 649 p 737 p 737-738 p 742-744

* **Citation Index and h-Index :**

Name of faculty	Citation Index	h-Index
Dr. S.S. Shah	23	20
Dr. R. S. Dave	20	18
Dr. K. N. Patel	01	01
Dr. G. R. Jani	18	--

* **Books with ISBN/ISSN numbers with details of publishers**

Name of faculty	Name of book	Name of publisher	ISBN/ISSN numbers
Dr.S.S. Shah	Studies of Oximes	LAP Lambert Publishing House, Germany.	978-3-659-25084-2/2012
	Bio-equivalence study of some antidepressant drugs	LAP Lambert Publishing House, Germany.	978-3-8484-4714-5/2012
Dr.R.S.Dave	Novel application of dowex M -4195 resin and green environment.	LAP Lambert Publishing House, Germany.	978-3-8484-8730-/2012
Dr.K. N.Patel	A new spectrophotometric techniques for determination of Cobalt	LAP Lambert Publishing House, Germany.	978-3-659-14106-5/2012
Dr.G. R. Jani	Analytical study of metal complexes of coumarine	LAP Lambert Publishing House, Germany.	978-3-659-22149-1/2012

3.4.4. Provide details (if any) of

- * **research awards received by the faculty**
- * **recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**
- * **incentives given to faculty for receiving state, national and international recognitions for research contributions.**

✚ Incentive :- The leave and financial aid are given to the faculty for attending state/National/International conference and seminars

✚ The special honor is given to teachers for their achievement and reorganization by facilitate them. This reorganization also announced to the classroom by public addressing system.

✚ Research awards received by the faculty during last four years.

Sr. No	Name and Subject	Name of conference	Title of the Paper presented	Name of Award/ Prize
1	Dr. G. R. Jani Chemistry	Contemporary Developments At Biotech-Bioinformatics Interface	Studies on Complexes of Chalcone with Cu(II),Ni(II),Co(II),and Mn(II) Metal ions.	I st prize
2	Dr. R. G Parmar Chemistry	Contemporary Developments At Biotech-Bioinformatics Interface	Extraction and Spectrophotometric Determination of Cobalt	II nd prize
3	Dr.V.B.Modi Chemistry	Contemporary Developments At Biotech-Bioinformatics Interface	Removal of Nickel And Copper From Electroplating waste water by weakly basic Chelating anion Exchange Resins	II nd prize (Best Oral Presentation)

✚ Recognition received by the faculty from reputed professional bodies/agencies during last four years.

Sr No	Name	Recognition body	Designation	National/ International
Chemistry				
1	Prin Dr S S Shah	Life fellow of Indian Institute of Chemist. Kolkata, India.	Life membership LF/ /2001	National
		International of chem Tech. applications	Editorial Board Member	International
2	Dr. R. S. Dave	Life fellow of Indian Chemical Society. Kolkata, India.	Life membership LF/6140/2001	National
		J.Applied Technology and Environtal Sanitation. Indonesia	Reviewer	International
		Life fellow of Indian Council of Chemists. India.	Life membership LF/626/2002	National
		Annual member of American Chemical Society. Washington, USA	Membership ACS - 30126925	International

		Member of Executive Editorial board of Peer Reviewed Yearly International journals of Journals Club & Co.	Executive Editorial Board Member	International
3	Dr. G.R.Jani	Member of Executive Editorial board of Peer Reviewed Yearly International journals of Journals Club & Co.	Executive Editorial Board Member	International
Physics				
1	Shri S.B.Nayee	Indian Association of physics teachers	Life membership LF/ /2001	National
Botany/Zoology				
1	Dr.H.M.Ant	Life member of Ethnobotany: International journal of society of Ethnobotanist.	Life member	International
		Life member of Advance In Plant Science, International journal	Life member	International
		Life member of Plant Archives, International journal	Life member	International
		Member of Editorial board of International journal of Life Science Leaflet	Member of Editorial board	International
		Life member of National Science Congress	Life member	National
3	Dr.C.A.acharya	Member of Editorial board of International journal of Animal Science	Member of Editorial board	International
Mathematics				
1	Ku.N.V.Patel	Gujarat Ganit Mandal, Ahmedabad	Life Member	State
		Suganitam Alpha System G.F-7,Navnidhi Complex , Ahmedabad	Life Member	State
Gujarati				
1	Dr.Y.H.Raval	Gujarat State Board of School Text Book, Gujarat.	Founder President,2004-05	State
		Directorate of Languages, Gandhinagar, Gujarat.	Directorate, since 2007	State
		Coordinator of Gujarati subject, BISAG, Gandhinagar, Gujarat.	Coordinator, 2010-11	State
Sanskrit				
1	Dr. I.S.Vaghani	Bharatiya shikshan Mandal.	Regional secretary (Gujarat)	National
2	Dr. M.R.Pandya	Member of School Education Board, Gandhinagar, Gujarat.	Member	State

3	Dr.M.S.Prajapati	All India Sanskrit Oriental Conference	Voter Member	National
Commerce				
1	Dr.H.M.Dixit	Life membership of TIES	Life membership	National
		Gujarat Statistical Association	Life membership	State
		GUAATA	Life membership	State

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

- ✚ Right now we don't have such formal system and strategies for establishing institute –industry interface. But some of the senior students on a working on a reputed position and provided consultancy services and guidance for their problems at free of cost.
- ✚ However, the institute has provided the consultancy services to state government under “Soil Health Card Project” and generated revenue.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

- ✚ Nil

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

- ✚ The institute encourages the staff to utilize their expertise at different organizations.
- ✚ Most of our staff members from various departments deliver their lectures in “BISAG” online channel Gujarat government.
- ✚ Institute promotes faculty members and staff members to attend professional training programmes.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

✚ Soil Health Card Project

Sr. No.	Year of analysis	Samples	Revenue
1	2010-11	12990	Rs. 1000000/-
2	2011-12	5626	Rs. 337560/-
3	2012-13	9992	Rs. 599520/-

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

✚ Soil Health Card Project

% of the Revenue to student	25 %
% of Revenue to Staff	25 %
% of Revenue to Institution	50 %

3.6 Extension Activities and Institutional Social Responsibility

3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

- ✚ Our institution promotes a well knit institution neighborhood network in which student acquire service training. Such training contributes not only to sustained community development but also ensures value addition to these programs
- ✚ Extension activities are made an intergraded part of the curriculum.
- ✚ Adoption of 1 village per year by NSS unit of the college, a 7-10 days special camp in the adopted village by environment cleaning, educating illiterate organizing health camp, yoga, classes for village people
- ✚ Blood donation by student is a regular feature
- ✚ Eye camp and traffic awareness programme
- ✚ Organized anti – tobacco campaign, world water day, human right day, awareness on global warming , world’s women day.
- ✚ Health awareness programme by expert lecture
- ✚ Arrangement of science quiz for increasing of general knowledge in students.
- ✚ For the Holistic development of student lectures are arrange time to time.
- ✚ We are arrange Bhartiya sanskruti gyan parixa once a year for holistic development.
- ✚ Science study centre, CSC, Mahila sanskar shanskruti club.

3.6.2 What is the Institutional mechanism to track students’ involvement in various social movements / activities which promote citizenship roles?

- ✚ We track through the enrollment of the student in various social scheme like, NSS, NCC, Saptdhara, Mahila sanskar shanskruti club and Hum Hai Hindustani club. Regular activities by these scheme through their extension programmes and its quality press hits are some of the mechanism used by the institution to track the student involvement in community activities.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

- Institute is highly concerted with its stakeholder i.e. include students, parents, staff, alumni and industry.

Students :

- We value the opinions and needs of our students
- The representative of student communicate students requirements and problem to the respective teacher read of department/Principal
- Students have freedom to approach the principal during working hours without prior appointment.
- Students and alumni are having good participation in decision making.

Parents:

- They are informed about their wards academic performance and attendance record through letters and phone calls.
- Direct interaction of the guardians with the H.O.D. is also encouraged.
- Parents of any students are allowed to meet the teacher/coordinators and principal on any day of the week at any time to make any suggestions or complaints.

Staff :

- We have regular staff meeting to keep the staff updated about changes and developments of the institute
- Most of the decisions are taken only after consultative with the staff during staff meeting.

Alumni :

- We have constituted an alumni Association with a professor in-charge.
- The association organizes meeting and has regular formed and informed interactions wherein any alumnus is free to give their suggestions.

Industry :

- Evaluate the students through conducting Moke Interview industrial visit.
- Feedback/Comments from industrialist who visit our campus for Guest Lecture/ Seminar/ Conference / Workshops/ Placements.
- Feedback from the employer.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

- Every academic year, the extension and outreach programmes are planned and will be executed as per the academic calendar. The college is incessantly organizing a number of outreach activities which relate to academic, Social, Cultural, Community service, Adventure etc and all culminating in buiding a healthy society contributing to nation building.

Activity	Expenditure during Year				
	2008-09	2009-10	2010-11	2011-12	2012-13

NSS / CAMP	44932/-	24740/-	36800/-	47750/-	48520/-
College Vartul	12624/-	7359/-	4100/-	12951/-	1175/-
Cultural	16562/-	20062/-	51960/-	16390/-	24441/-

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

- ✚ The orientation programmes for the students to promote and increase the participation in NSS/NCC activities.
- ✚ College inspires the students to join NSS, NCC College also appreciates their participation and achievements in various activities by presenting prizes, award and certificate.
- ✚ The 'Best Cadet' in NCC and 'Best volunteer' in Boys and girls are announced and honored in annual function.
- ✚ Dr. M. S. Prajapati has been appointed as a programme officer to perform NSS activity in a proper way and Dr. H. M. Ant is appointed as an NCC officer to perform various related activities in a the proper way. Both officers are given full independence and freedom to do their activities well. NSS / NCC organize camps and perform duties of national integration, these activities are encouraged and supported by the teachers of various subjects.
- ✚ More over the orientation programmers are held to promotes the students and increase the participation in NSS / NCC activities

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- ✚ During the NSS camp the volunteers of NSS make survey of the educational ,the social and the economical , and psychological matters of the village.
- ✚ Shri K. S. Bhatt , head of the economics department of the college spares his services as an expert in budget discussion at Doordarshan Kendra, Ahemdabad.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

- ✚ Extension activities conducted by the institute always imbibe academic learning experience, values and skills not only in students but faculty too. These activities refresh the environment of the institute as well. The major strength of this college is its ability to ensure holistic development of students to make them enlightened citizens. The college is an equal opportunity institution established to provide knowledge and quality education to all sections of society. It aims to maintain modern outlook with contemporary developments without compromising moral values. To provide knowledge and quality based education to the students by

inculcating moral values, scientific temper and employing state of the art technologies. It aims to pursue excellence towards creating manpower with high degree of intellectual, professional and cultural development to meet the national and global challenges.

Outcome:

- ✚ The result of the participation in the various socially relevant activities have resulted in inculcating the feeling of being socially awakened citizens in the students. The students who have been a part of this process have been spreading awareness in the institution and motivating other students as well to stand tall for the cause of social upliftment, developed their organizing capacities, Programme co-ordination skills, social skills, Communication skill and social responsibility. With these extension activities, the students learn the values of social justice, equality and right of speech for anti-social acts. Apart from academic knowledge they get to learn the values of life, moral duties towards mankind and significance of various days observed worldwide.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

- ✚ The institution is roping in communities to actively participate in all the extension activities. This has contributed to both community- institution networking and development of institutions. A —needs survey\ was conducted in the locality nearer to our college to identify what the community wants to get from the college staff and students. It was found that they require health education, awareness about dangers of plastic waste and they asked for life skill training programme.
- ✚ The local villagers are initially consulted and the youth of the villagers are made to involve in all the NSS activities.
- ✚ Extensive local participations are witnessed during tree plantation, blood donation etc. the alumni association is also involved in all these extension activities.
- ✚ The institution has taken the initiative to make aware the society about social and health problems like female feticide, dowry system, environment protection, consumer protection awareness, anti corruption, HIV awareness, anti tobacco and cleanliness awareness etc.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

- ✚ The institution has constructive relationships with other institutions of the locality. The blood donation camps & eye camps are organized with the help of reputed hospitals like Govt. Hospitals , Prathama Laboratory, Red-cross. The NSS department co-ordinates all its activities under the norms of the University. The

unit organizes tree plantation, village cleanliness, awareness activities like, environment pollution, and effects of pesticides on human life with the help of NGOs.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

✚ NA

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities ? Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

- ✚ The institution consistently strives for collaboration and interactions with instituten and indutries for collaborative research activities.
- ✚ As the institution signed MOUs with Sheth M.N. Science College, Patan (N.G.)and pramukh swami Science College , Kadi (N.G) , So with the help of internet the students and staff members of each colleges attend the lectures/seminar/conference at the same time to use by visual classes room.
- ✚ Similarly the research activities also sheared between these there colleges by using sophisticated equipment and other research.
- ✚ So institution have better industry institution interface.
- ✚ On institution is having MOU With leading industries for guest lectures industrial visit, inters Ship training, Sharing existing facilities of staff and students industrial training, research and consultancy.
- ✚ The institute is engaged research activates along with educational activates since 1960. We use our relationship of alumni are established their own industry and working on key posts in various industry. And get permission for the use of the research facilities available in then research lab.
- ✚ Some of recognized research guide of various university outside the satiate. They can use the research facilities available there.
- ✚ Useful to carry out research work
- ✚ Due to such collaboration number of research paper publication is noticeably improved and found progressive.
- ✚ Find opportunity for sharing ideas, Knowledge and interaction with expert personalities.
- ✚ Exchange of subjective software's sharing like library, laboratories , instruments and chemicals.
- ✚ The institution consistently strives for collaboration and interactions with instituten and inclutries for collaborative research activities.
- ✚ As the institution signed MOUs with Sheth M.N. Science College, Patan (N.G.)and pramukh swami Science College , Kadi (N.G) , So with the help of

internet the students and staff members of each colleges attend the lectures/seminar/conference at the same time to use by visual classes room.

- ✚ Similarly the research activities also sheared between these there colleges by using sophisticated equipment and other research.
- ✚ So institution have better industry institution interface.
- ✚ On institution is having Mou With leading industries for guest lecturers industrial visit, internship training, Sharing existing facilities of staff and students industrial training, research and consultancy.
- ✚ The institute is engaged research activities along with educational activities since 1960. We use our relation ship of alumni are established their own industry and working on key posts in various industry. And get permission for the use of the research facilities available in then research lab.
- ✚ Same of recognized research guide of various university out side the state. They can use the research facilities available there.
- ✚ Useful to carry out research work
- ✚ Due to such collaboration number of research paper publication is noticeably improved and found progressive.
- ✚ Find opportunity for sharing ideas, Knowledge and interaction with expert personalities.
- ✚ Exchange of subjective software's sharing like library, laboratories , instruments and chemicals.

3.7.2 Provide details on the MOUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

- ✚ We have signed MOU with Sheth M. N. Science College, patan for various academic/research activities and faculty/students exchange programme.
- ✚ We have signed MOU with Pramukh swami Science college, Kadi for various academic/research activities and faculty/students exchange programme.
- ✚ We have done collaboration by taking permission using sophisticated equipment and research facilities of some leading industries/research units like synchron research Pvt,Ltd., Ahmadabad. Alps industrie, Ahmedabad and Dishaman Pharmaceutical, Bavla for doing our research work.
- ✚ We have carried out successfully Soil Helth Card Programme with the collaboration of agriculture department under the guidance of commissioner of Higher education, Gujarat.
- ✚ For various extension activities are under taken with collaboration of the Rotary Club, Vijapur, Gaiants group – Vijapur. Indian Red Cross Society, Prathama Group , etc...

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of

academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

- ✚ We have received the grant of Rupees 576487/- to established the laboratory facilities for soil health card programme.
- ✚ The state government has established DELL to increase the English proficiency among staff/student by scope and globalina software

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Department	Title	Names of eminent scientists/ participants	Date	Funding Agency	Registered Delegates	State / National level
Chemistry	Application of spectroscopic Techniques in Chemistry	(i) Dr.D.I.Bhrahmbhatt (ii)Dr.Bhavesh Dasandi (iii) Dr. K.K.Desai	23-02-2010	UGC	250	State
Chemistry	The Role of Chemists in Industries and Research IYC-2011	(i) Pri. K.S.Parikh (ii)Mr Ankur Dwivedi (iii) Mr Mayur Panchal	31-12-2011	UGC-IYC	120	State
Biology	Ethnobotany and Biodiversity	(i) Dr.B.S.Punjani (ii) Dr.S.D.vediya	Aug.-2009	UGC	100	State
Mathematics	National Conference on Advances in Mathematical Sciences	(i) Dr,A.Goswami (ii)Dr.C.K.Jaggi (iii) Dr.C.s.Lalitha (iv) Dr.s.k.Nimbhorkar	7-8, Dec. 2012	UGC-GUJC OST	157	National

3.7.5 How many of the linkages/collaborations have actually resulted in formal MOUs and agreements ? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated

- ✚ Curriculum development/enrichment: We have signed MOU with science College of Patan and Kadi Under which faculty/Students exchange programme are organized.
- ✚ Internship/ On-the-job training : We have no facilities of Intership/On-the-job training, However we organized industrial visit/field work/ educational tour regularly.
- ✚ Summer Placement : Nil

- ✚ Faculty exchange and professional development : We depute teacher to academic staff college, established by UGC, for attending orientation/RC regularly.
- ✚ **Consultancy** : Right now we don't have such formal system and strategies for establishing institute – industry interface. But some of the senior student on a working on a reputed position and provided consultancy services and guidance for their problems at free of cost. However, the institute has provided the consultancy services to state government under “Soil health card project” and generated revenue.
- ✚ **Extension** : We have signed MOU with Sheth M. N. Science College, Patan and Pramukh Swami Science & Arts College, Kadi for various academic/research activities and faculty/students exchange programme.

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

- ✚ The IQAC & research committee member plans yearly for linkages & collaboration. Which are fruitful for the institution the students. The faculty in charge of career guidance centre initiates & implements the activities required for collaborations.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

HIGHLIGHTS OF CRITERION:

- ✚ We have got a nice research environment. The faculty is encouraged to pursue and complete doctoral and post doctoral work. **Eighteen faculties are Ph.D.** holders, and **eight** of them are recognized research guides not only of our University but also of other Universities.
- ✚ Eight teachers have pursued Ph.D. degree during last five years. Three teachers are engaged in research work.
- ✚ Two teachers of Botany and Zoology are recognized Ph.D. guides and 5 research scholars have pursued Ph.D. degree under the guidance of them. During last five years **120 (one hundred and twenty)** research papers have been published by teachers. There is good citation of our research works.
- ✚ **Nine** books have been published at international repute.
- ✚ **9 minor research Projects** have successfully been carried out by the institution, **6** minor projects are going on while **3** project proposals have duly been sent for approval.

- ✚ **20** curious students have been registered for Ph.D. research under eight Ph.D. guides of the college. PG students of Chemistry are given research project task. They also participate in research conferences at various research institutes and organizations.
- ✚ **A separate research laboratory** has been established in chemistry department of the college **since 1970**. Ours is the institution that has endowed **40 Ph.D.** scholars in Chemistry. In Chemistry **five** faculty members are recognized research guides. Above **300 research papers** have been published by Chemistry Department till the date.
- ✚ Two well equipped research laboratory in chemistry department are developed. Which includes sophisticated equipment **like FTIR, AAS, HPLC, UV-VIS Spectrophotometer** etc..along with computer-internet facility.
- ✚ **Eight** faculty members are recognized Ph. D. guide in different universities and actively engaged in research.
- ✚ The total figure of the research paper published from the chemistry department is **68 (Sixty eight)**.
- ✚ **120 research papers** have been published in peer reviewed national/international research journal by the faculty members and students during last five years.
- ✚ **20 Ph.D Students** have been awarded during last five years.
- ✚ **Four State level and one National level** conference/seminar/workshops are successfully organized by various departments of the institution during last five years.
- ✚ Separate research section in central library is developed to access **back volume** of research journal and thesis since 1964.
- ✚ **A research committee** has been established, which handles the matters related to research work.
- ✚ In Biology department research laboratory having **BOD Incubator, Video-Imaging System, GPS System,** etc., are available for research.
- ✚ Our library is well equipped with the modern facilities like Internet, Wi-Fi, Computer, Photocopier, Scanner, Printer, etc.
- ✚ Internet facility through Wi-Fi campus.
- ✚ The institute has provided the consultancy services to state government under “Soil health card project” and generated revenue. We have carried out successfully **Soil Health Card Programme** with the collaboration of agriculture department under the guidance of commissioner of Higher education, Gujarat.
- ✚ Most of our staff members from various departments deliver their lectures in “BISAG” online channel Gujarat government.
- ✚ Shri K. S. Bhatt , Head of the economics department of the college spares his services as an expert in budget discussion at Doordarshan Kendra, Ahemdabad.
- ✚ We have signed MOU with Sheth M. N. Science College, patan and Pramukh swami Science college, Kadi for various academic/research activities and faculty/students exchange programme.
- ✚ We have done collaboration by taking permission using sophisticated equipment

and research facilities of some leading industries/research units like synchron research Pvt Ltd., Ahmadabad. Alps industries, Ahmedabad and Dishaman Pharmaceutical, Bavla for doing our research work.

- ✚ Various extension activities are undertaken with collaboration of the Rotary Club, Vijapur, Gaiants group – Vijapur. Indian Red Cross Society, Prathama Group , etc...
- ✚ Twelve faculty members are life member or member of editorial board in reputed professional bodies/agencies during last four years.
- ✚ Three faculty members of chemistry department have been awarded for their paper presentation in national conference, Patan in 2012.
- ✚ Active research activities are mainly done in chemistry, Botany, Zoology and Sanskrit .
- ✚ Principal Dr.S.S.Shah is doing notable research activities in collaboration with synchron research pvt. Ltd, Ahmedabad, Dishmann Pharma Ltd., Bavala, Alps Industries, Vatva.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

POLICY FOR CREATION & ENHANCEMENT

- ✚ The Policy of institution is to extend higher education to the students from rural back ground is as under.
 - To frame policies according to the strength of the students in different streams.
 - To enhance infrastructure in compliance with the expanding curricular and extra-curricular areas.
 - Infrastructure policy has two components: The physical and the academic infrastructure to facilitate the learning process.
 - Infrastructure feedback collected from the stakeholders. Suggestion boxes are also kept for this purpose.
 - To increase the Audio-Visual classrooms to meet the academic requirement.
 - The IQAC of the college recommends Management through Principal for the improvement of physical and academic infrastructure according to students' strength, curricular requirement and feedback from stake holders.
 - To improve the ICT facilities to meet the academic requirement in exiting scenario.

4.1.2 Detail the facilities available for

a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

b) **Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.**

- ✚ The college has broad campus which is spread in 49 acres land in which Administrative building, Arts building, Science building, Commerce building, Central Library Building, Principal Bungalow, Staff quarters, Boys and Girls hostel, Canteen, etc., are situated.

✚ (a) Curricular and co-curricular activities


Sr No	Particulars	No. of Rooms
1	Class rooms	21
	AV class rooms	04
2	Laboratories	09
	AV Laboratories	04
	Computer Laboratory	01

3	Research Laboratories	03
4	Examination Rooms	01
5	Virtual Class/Seminar hall/Auditorium	01
6	Biology Museum	01
7	Botanical Garden	01
8	Central Library	01
9	Community Science Centre	01
10	Examination Room	01
11	Digital Educational Learning Laboratory(DELL)	01
12	Swarnim Smarak	01
13	Hostel Girls - 24 Rooms Boys- 44 Rooms	68

 (b) Facility available for Extra-Curricular Activities

Sr.No.	Facility		
1	Sports Facilities		Available
	Out-door Play ground	In-door Play	
	1 Cricket	1 Table-Tennis	
	2 Foot boll	2 Chess	
	3 Volley ball	3 Carom	
	4 Basket ball	4 Cards	
	5 Kabaddi		
	6 Kho-Kho		
2	Gymnasium		Available
3	Auditorium		Available
4	NSS office		Available
5	NCC office		Available
6	Multiple Use Stage for Cultural Activities		Available
7	Auditorium		Available
8	Career Guidance Centre		Available
9	Digital English Language Laboratory(DELL)		Available

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

 Since its inception 1960, our college has been keeping pace with changing needs and requirement for maintaining its academic standard.

- ✚ According to students' strength additional infrastructure is being expanded from time to time.
- ✚ In the last four years various buildings have been constructed or renovated.
- ✚ The details of the facilities which have been added are as under.

Sr. No.	Infrastructure	Renovated /Constructed Under grant	Amount spent	Comment
1	Girls Hostel	UGC	89,97,664	Constructed
2	First floor on Arts Building	Management	40,10,728	Construction in progress
3	Swarnim Smarak	Management	6,11,429	Constructed
4	Chemistry Laboratory Physics Laboratory Biology Laboratory Mathematics Laboratory	BSR BSR BSR BSR & CPE	20,00,228	Renovated Renovated Constructed
5	CC Roads, Canteen & Seminar hall	Jubilee Grant	8,68,400	Construction in progress
6	Staff room Department Wise Chamber	Management	1,25,181	Renovated
7	Arts & Science Building	College Development grant	3,97,752	Construction in progress
8	Principal's office & Meeting Hall	Merged Scheme & Management	3,92,583	Construction in progress
9	Auditorium (Virtual Class Room)	Management	2,00,000	Renovated
Total			1,76,03,865	

(The Master plan of the Campus is attached.)

✚ Future plan :

- To develop Meeting Hall with ICT system
- New Principal's Office
- To develop Recording studio
- Up-gradation of Digital Language Laboratory
- To develop two more Audio-visual rooms
- To construct new Seminar Hall with ICT infrastructure.
- Construction of new Canteen
- Outdoor-indoor stadium
- Open Air theater

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

- ✚ The institution is committed to accommodating to students with physical disabilities.
- ✚ The seating arrangement to this type of the students is made on the ground floor with suitable furniture. They are allotted seats in the front row for convenience. Attendant facility is also provided.
- ✚ Special attention is paid to these students during the college terminal examination .
- ✚ The library facility is also provided to them in the Central Library located on the ground floor.
- ✚ The facility of the Ramps to physically disabled students is provided in all the buildings of the college.

4.1.5 Give details on the residential facility and various provisions available within them:

Hostel Facility – Accommodation available

Recreational facilities, Gymnasium, Yoga center, etc.

Computer facility including access to internet in hostel

Facilities for medical emergencies

Library facility in the hostels

Internet and Wi-Fi facility

Recreational facility-common room with audio-visual equipments

Available residential facility for the staff and occupancy Constant supply of safe drinking water Security

Sr	FACILITY	STATUS
1	Hostel Facility -Accommodation available	Boys Hostel –Capacity – 44 Rooms Girls Hostel –Capacity – 24 Rooms
2	Recreational facilities	Girls Rooms -2
3	Gymnasium	Available
4	Facilities for medical emergencies	First Aid box available. Primary Health Center is near the college (0.5 km)
5	Library facility in the hostels	Newspapers & Magazines Available.
6	Internet and Wi-Fi facility	Wi-Fi facility available at hostel
7	Recreational facility common room with audio-visual equipments	We do have television facilities in hostel.
8	Available residential facility for the staff and constant supply of safe drinking water	Available
9	Security	Available

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- ✚ The college does not have its own health centre. However...

- If any minor physical injury takes place during sports or laboratory work, the First Aid Kit is kept at the Sports room and the Chemistry Department to treat the injured person.
- Health services are also available at Primary Health Centre (PHC) situated 0.5 km far from the college.
- Sometimes Dr. M.M. Shah, (M.S.) of Vijapur; and a member of executive council of the college, is also consulted to treat the injured students.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

Sr No	FACILITIES	LOCATION
1	IQAC	Principal Office
2	Grievance Redressal Cell	Principal Office
3	Women’s development Cell	Mathematics Staff room
4	Counseling and Career Guidance, Placement Cell	Library
5	Canteen	Campus
6	Recreational spaces for staff and students	Staff room-04, Girls’ Rooms-02
7	Safe drinking water facility	Campus
8	Auditorium	Room No.19 at Science Building

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

✚ Yes, the library has a Library Committee. Principal is the Chairperson and Librarian is the co-coordinator of the committee. All the Heads of the Department are the members of the committee.

- Dr. S.S.Shah , Principal – Chairperson
- Mrs Hashuben Sathavara , Librarian - Co-coordinator
- Dr. A.N. Dave, Vice Principal - Member
- All the Heads of the Department are -Members

✚ The committee meets regularly. The major responsibilities and initiatives of the committee are:

- To fix the budget of library
- To discuss problems of library and readers
- To take decisions regarding the development of infrastructure
- To take care of the services and facilities to be provided to the readers.
- The college has constituted library development committee with student representation.
- Monitoring the dates of subscription of various journals and magazines
- Book Exhibitions are organized to inculcate reading habits among students.
- To make arrangement of open shelves system to facilitate free access of books.

4.2.2 Provide details of the following:

1	Total area of the library (in Sq. Mts.)	293.68+233.94=527.62 Sq.mts
2	Total seating capacity	Common Space-50 for Girls-20, for staff-10
3	Working hours (on working days)	10-30 A.M. to 5-00 P.M.
4	Before examination days,	10.00 A.M. to 5.00 P.M.
5	During examination days,	9-00A.M.to 5-00 P.M.
6	During vacation) -	8-00 to 12-00A.M.during working days
7	On national holidays & holidays per P.U. calendar	Closed
8	Layout of the library	Plan attached

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

- ✚ As per the syllabi of the affiliating University, the various departments of the Institute provide the list of the required text books/reference books/ journals/ Magazines, etc., to the Central Library.
- ✚ Subsequently all the students and teachers avail of them according to their necessity and requirement.

Library holdings	Year-2009-10		Year-2010-11		Year-2011-12		Year-2012-13	
	Number	Total cost	Number	Total cost	Number	Total cost	Number	Total cost
Text books	236	18100	216	17365	363	21486	227	18992
Reference books	408	164719	1515	853298	340	117425	402	232429
Journals/periodicals	75	40606	99	76990	104	70810	103	68625
E-resources	39	-	-	-	-	-	438	11150
Any other specify News paper	05	4511	05	4511	05	4500	03	2700
E-journals	Under N-List of INFLIBNET				2100	5000	-	-
E-books					55100		-	-

4.2.4 Provide details on the ICT and other tools deployed to provide maximum Access to the library collection ?

Sr No	Access to the library collection. FACILITIES	YES/NO
1	OPAC (on the public Access catalog)	Yes
2	Electronic Resource Management Package for E-journals	N-List of INFLIBNET is available
3	Federated searching tools to search articles in multiple databases	Yes
4	Library Website	In college website the information regarding library is available
5	In-house/remote access to E-publications	Yes
6	Library automation	Yes
7	Total number of computers for public access library automation in most of computers	Yes-04
8	Total numbers of printers for public access	Yes-01
9	Internet band with / speed	Yes- 2 514 kbps
10	Institutional Repository	Yes
11	Content management system for E-learning	Nil
12	Participation in Resource sharing networks/consortia (like INFLIBNET)	Yes

4.2.5 Provide details on the following items:

1	Average number of walk-ins	250 Per day
2	Average number of books issued/returned	40 to 50 Per day
3	Ratio of library books to students enrolled	35: 1
4	Average number of books added during last three years	1021
5	Average number of login to OPAC	No
6	Average number of login to E-resources	10 per day
7	Average number of e-resources downloaded/printed	10 downloaded per day & 01 printed per day
8	Number of information literacy trainings organized	01
9	Details of —weeding out of books and other material	3877

4.2.6 Give details of the specialized services provided by the library.

1	Manuscript	No
2	Reference	Yes
3	Reprography	Yes
4	ILL(Inter Library Loan Service)	No
5	Information deployment and notification	Yes
6	Download	Yes
7	Printing	Yes
8	Reading List/ Bibliography compilation	Yes
9	In house / remote access to e-resource	Yes
10	Assistance in searching Databases	Yes
11	INFLIBNET/IUC facilities	Yes

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

- ✚ Helpful library staff is also available to help students and teachers in accessing and finding the books.
- ✚ The Library staffs keep the library noise free so that serious studies could be carried out in the library.
- ✚ The staff provides the catalogues of various publishers to teachers so that new and relevant books can be purchased for library.
- ✚ The literature of various competitive exams, quiz, essay writing, preparing IAS/IPS competitive examinations and NET/SET preparations for the faculties etc.
- ✚ Library takes the photocopies of the advertisements given in the newspaper, internet and displays it on the notice board that helps the students.
- ✚ Current awareness service (CAS):-Newspapers clipping service to make them aware of the current trends in their field.
- ✚ New arrival display-this regular exercise helps the students and staff to know the books added in a particular subject on a particular day.

4.2.8 What are the special facilities offered by the library to the visually/ physically challenged persons? Give details.

- ✚ The Central Library is located on the ground floor and easily accessible to physically challenged.
- ✚ The library staff take utmost care of them and helps them in every way when they visit the library.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

- ✚ The library has installed a suggestion Box. Every month the suggestions are deliberated by advisory committee and acted upon.
- ✚ Quarterly an interactive session is held by advisory committee with students to get feedback for improving the library services.
- ✚ In the beginning of the session the students are taken to the library by their teachers and shown respective books regarding their subjects. Any suggestions given by new students are also sent to the advisory committee for action

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

Sr No	Name of the facilities	No	
1	Number of computers with Configuration (provide actual number with exact configuration of each available system)	114	
	a. P-3 - 04		
	b. P4 - 11		
	c. Dual Core - 16		
	d. Dual Pentium - 03		
	e. Laptop- 19		
	f. AMD Processor - 08		
	g. DELL - 25		
h. Maths Lab - (Server IBM Intel xeon R) -01 (N-Computig System) - 30			
2	Computer-student ratio	1:13.58	
3	Standalone facility	--	
4	LAN facility-	1. 5KVAUPS at Research.	01
		2. 5 KVA Inverter	01
		3. UPS in College	20
5	Licensed software-	-MS office	

		-Tally -Matlab -SOUL -Mathematica -Instruments' software
6	Number of nodes/ computers with Internet facility–	Nodes-13

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

In Campus:

- Internet service is available in the college for faculty and students. There are 114 computers with the facility of internet in each.
- The principal's office, the administrative Block and all the departments have the facility of internet.
- The college has a fully computerized library.
- The college has a well equipped computer laboratory which is equipped with the internet facility and LAN.
- The college has internet facilities available at various places including library and research laboratory . students and teachers use it to a considerable extent during college hours.
- There are **13 internet nodes** from which about 114 Computers can be connected for internet surfing.
- The Administrative office is fully computerized with LAN, internet facility, and office management software facility.
- The Central Library of the college is fully computerized with internet facility. Teachers /students can access books from six (06) places.
- In **Career Guidance Center**, LAN, internet connection, printer, photocopier facilities are available for the students.
- The computers –internet facility is also available in 02 (two) **Girls Rooms** for girl students.
- All the departments are provided the facilities of Laptops and internet in their respective staffrooms.
- The **Research Laboratory** of chemistry is facilitated with four (04) computers, printers, internet and subjective / instrumental software facilities.
- The **Digital Educational Learning Laboratory (DELL)** established with the help of state Government is facilitated with 25 computers, LAN, internet and spoken English software (GLOBARINA).

- The **Mathematics Computer Laboratory** is developed under CPE scheme having the facility of one (01) server, thirty (30) computers in LAN, MATLAB software.
- Four (04) **Audio Visual Class Rooms** which are connected through satellite for live telecast of SANDHAN initiated by KCG, State Government.
- The **Virtual Class Room** developed under the CPE scheme from where the live telecast of the lecture can be viewed from various academic institutions outside the college by video conference system.
- The well-equipped **Examination Room** having facility of the two (02) computers, photocopiers, printer, ADF scanner, internet, OMR Reader software.
- College covered with Wi-Fi internet system so students and staff access internet in any place of the college.

✚ **Off campus :**

- The college provides the facility of laptop to each department for PPT presentation at various conference, seminars off the campus.
- A facility of laptop, 3G photon, Notepad is provided to principal for data portability for academic and administrative purpose.

4.3.3 **What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

✚ As mentioned, we have all the infrastructural facilities according to the needs. IQAC decides the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities. The Management has appointed a person having knowledge of maintenance of IT infrastructure. The institution chalks out plan and strategies which includes.. ..

- Up-gradation of all software including the ones required by the syllabus and curriculum.
- ICT infrastructure is to be extended and upgraded with latest version hardware and software based on the needs of the newly introduced programs and courses.
- Getting regular inputs from our IT consultant.
- Collecting feed backs from stake holders towards betterment of IT.
- Provide laptop to staff in future.
- Increasing the ICT enabled class rooms.
- Development of Virtual Class Room. In Virtual Class Room the internet computer, LCD projector, Interactive boards, Audio-system, Video

Conference System, etc., is available which can be used by teachers on their request.

- Development of Mathematics Computer laboratory.
- Up-gradation of digital language laboratory.

4.3.4 Provide details on the provision made in the annual budget for procurement, up-gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

- ✚ In Virtual class rooms the internet, computer, LCD projector, inter active boards, Audio-system, video conferencing system etc. are available which can be used by teachers on request.

Year	AMOUNT SPENT (Rs.)
2009-10	52,850/-
2010-11	57,000/-
2011-12	3,21,437/-
2012-13	11,68,641/-

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- ✚ Along with the traditional teaching method. ICT resources are extensively used by our college. ICT facility is available for use in all the departments. The teachers liberally take the help of the ICT resources to enrich their prescribed curriculum with the help of internet.
- ✚ The college has adequate computer facility for its faculty. Faculty members are provided with computers with internet browsing facility for preparation of teaching/learning materials in their respective departments.
- ✚ Multimedia projectors, OHPs are available within the college for the faculty use.
- ✚ The faculty is provided with Audio –visual aids which facilitate multimedia teaching.
- ✚ Smart Campus & Noodle tools are available towards E-governance.
- ✚ The Seminar hall is equipped with LCD projector and Interactive boards can be utilized by a particular teacher when required.
- ✚ Faculty members prepare teaching learning materials by using internet facility (internet/e-books/ e-resources etc.)

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources,

independent learning, ICT enabled classrooms / learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

- ✚ The college has always been placing the students at the centre of the teaching learning process. The vision and the mission of the institution has always been to provide holistic and qualitative knowledge to its students. Keeping the students learning at the centre of everything, the college understands that the teachers have to be reoriented from time to time. The time has changed. So that has changed the way of imparting the knowledge. Use of technology has become very vital in imparting quality based education. The institution encourages the staff to undergo training on the computer-aided teaching and training. The college also has been conducting week-long sessions, in tune with the orientation courses, for the college faculty on the use of computers. The computer department also organizes training sessions on the use of Internet for learning resources. Well equipped computer labs, LCD and OHPs are available to the faculty for computer aided teaching.
- ✚ Institute organizes following programs activities /facilities for the students.
 - Computer training for the staff and students.
 - Wi-Fi Campus.
 - LCD, OHPs in classrooms.
 - Well-equipped Computer Laboratory
 - Seminar workshop on using ICT.
 - Internet surfing is provided to students in Library.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

- ✚ YES,
 - INFLIBNET (Information Library Network) is available .
 - UGC-NRC established.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years) `

- ✚ The college has made adequate arrangements for the maintenance and upkeep of the college infrastructure. The management ensures that enough UGC grants and funds are allocated and then utilized for the maintenance. We have a committee




to ensure optimum allocation and utilization of the available finance. It functions in following manner.

- Collect the demand from different sources.
- Analyze them.
- Allocate appropriate financial aid to the requirement.
- Invite tenders from different agencies.
- Compare it and the select tender on the basis of lowest cost qualitative work.
- Place the order




Details of Budget Allocated During Last Four Years

Sr No	Item	Budget allocated by	2009-10	2010-11	2011-12	2012-13
1	Building	College	37,43,557	34,49,100	39,14,939	17,16,939
		Management	72,373	2,30,302	19,68,482	36,85,847
2	Furniture	College	15,400	63,600	78,025	33,750
		Management	---	---	1,25,181	92,000
3	Equipment	College	1,41,526	2,35,164	32,31,702	28,79,309
4	Computers	College	52,850	57,000	3,21,437	11,68,641
5	Vehicles	College	---	---	---	---
6	Any other	College	---	7,07,440	---	---

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

-  The institution collects the suggestions and complaints from the students and staff members.
-  The committee classifies it on the basis of requirements and then it is forwarded to the head of the institution.
-  The head of the institution solves the problem and makes suggestion to related person who looks after the maintenance task.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments ?

-  The equipment and instruments are maintained by the yearly maintenance contract or by hiring services as and when required.
-  The electrician is appointed as permanent staff for maintaining electrical appliances.
-  A computer maintenance operator is appointed on the contractual basis.

- ✚ The laboratory equipments are maintained through college department fund and annual grants received from the government.
- ✚ The computers and electronic devices are maintained and repaired through the funds available in institution .
- ✚ We call the foreman of our acquaintance for maintenance purpose.
- ✚ The SOP for highly sophisticated equipment established and followed regularly.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- ✚ For voltage fluctuation the institution uses voltage stabilizer and UPS.
- ✚ The institution uses electric generator when there is power cut.
- ✚ The institution has its own bore so we can get 24 hours water supply.
- ✚ The institution has facility of mineral drinking water.
- ✚ All the valuable instruments, equipment and chemicals have separate space in specific cup-boards.
- ✚ There are ELCB switches in all laboratories as a safeguard for instruments.

List of Sensitive Equipments	Steps Taken for Maintenance
<ul style="list-style-type: none"> ➤ FTIR ➤ UV-VIS Spectrophotometer with PC ➤ Atomic Absorption Spectrophotometer (AAS) ➤ HPLC ➤ Digital Balance ➤ pH meter Digital ➤ Video Imaging System ➤ BOD Incubator 	<ul style="list-style-type: none"> ➤ Institution uses voltage stabilizer and 5 KVA UPS. ➤ Institution uses electric power supplier. ➤ Institution has established in dust free sophisticated laboratory. ➤ Laboratory is regularly cleaned and mopped. ➤ AC Research Lab for sensitive equipments ➤ The SOPs for highly sophisticated equipment are established and followed regularly.

HIGH LIGHTS OF THE CRITERION :

- ✚ The remarkable changes in physical and academic infrastructure in institution have occurred during the last five years.
 - Construction of the First Floor in Arts building.
 - Construction of Girls hostel.
 - Development of Virtual class room

- Development of Examination Room.
- Development of AV class rooms.
- Renovation of Science Laboratories.
- Renovation of Research Laboratories.
- Renovation of Arts and Science Buildings
- Establishment of DELL.
- Establishment of Mathematical Computer Laboratory.
- Renovation of two Girls Rooms
- Principal's office and Meeting Hall
- Canteen
- Seminar hall
- Swarnim Smarak
- Administrative office
- ICT infrastructure in Career Guidance Centre.
- CC TV Camera System in Campus
- Public Addressing Audio System in all classrooms
- Atomization of Administrative Office & Central Library
- Wi-fi Campus

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If “yes”, what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

✚ Yes, every year, each student is given the college prospectus along with admission form. The said prospectus contains the following information:

- Introduction of institution.
- Institution’s vision/mission.
- Information regarding various courses conducted by the institution.
- Rules & regulations for admission.
- Examination scheme.
- Information regarding term/examinations, fees, scholarship.
- Information regarding hostel, central library.
- Outline of NCC, NSS activities along with the activities of ‘Pilvai College Vartul’.
- Outline of various cultural activities.
- Outline of Career Guidance Centre and Community Science Centre activities.

✚ The college does not publish hand book but at the end of the academic year a magazine “Chandana” is published by the institution containing educational and curricular activities, special achievements, University results, scholarly articles by teachers & students. It makes its accountability clear on day the fresh batch is inaugurated.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

- ✚ Scholarships are obtained from the State Government for SC, ST, OBC and Physically Handicapped students.
- ✚ Scholarships are also given to Economically Backward Class (EBC) students from the State Government.
- ✚ Scholarships are given to the scholar and Economically Backward Students from the “Students Welfare Fund” of college.

- ✚ The Central Directorate for Hindi awards scholarship to the students, It poting for a UG or PG course in Arts with Hindi as the principal language whose mother-tongue is not Hindi.
- ✚ As per government rules all girls exempted from tuition fees.
- ✚ The students are informed of the abovementioned scholarships by the notice on the notice board and in the class rooms too.

Year	Category	No. of Students Benefited	Amount Paid(Rs)
2008-09	SC	83	2,82,110/-
	ST	03	10,540/-
	OBC	231	3,01,034/-
	EBC	177	1,79,400/-
	Other	07	12,500/-
	Total	501	7,85,584/-
2009-10	SC	71	2,60,509/-
	ST	02	4,330/-
	OBC	250	3,93,562/-
	EBC	64	66,600/-
	Other	06	14,000/-
	Total	393	7,39,001/-
2010-11	SC	67	2,67,446/-
	ST	06	19,044/-
	OBC	220	3,24,544/-
	EBC	32	43,000/-
	Other	09	15,500/-
	Total	334	6,69,534/-
2011-12	SC	48	2,12,098/-
	ST	05	27,558/-
	OBC	221	3,14,490/-
	EBC	16	18,400/-
	Other	06	15,000/-
	Total	296	5,87,546/-
2012-13	SC	108	3,09,810/-
	ST	07	48,760/-
	OBC	218	2,91,260/-
	EBC	14	24,009/-
	Other	04	10,000/-
	Total	351	6,83,830/-

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

- ✚ As per the state government norms, students belonging to the SC/ST, EBC and physical handicapped categories receive the financial assistance from the Government.
- ✚ Following percentage of students received financial assistance from State Government and other national agencies.

Sr. No.	Year	% Students Received Financial Assistance
1	2009-10	30.11 %
2	2010-11	24.98 %
3	2011-12	19.91 %
4	2012-13	24.15 %

5.1.4 What are the specific support services/facilities available for Students from SC/ST, OBC and economically weaker sections?

- ✚ The Students from SC/ST, OBC and economically weaker sections are provided various facilities i.e. Scholarships specially given for SC, ST OBC and EBC. This is given by State Government every year.
- ✚ The student from ST, SC, OBC and EBC are also given food bill and hostel facilities from State Government.
- ✚ They are also provided with financial support from the donors' family members and faculty.
- ✚ The remedial coaching and NET, SLET coaching are given to the ST, SC, OBC and EBC under merged scheme of UGC.
- ✚ Financial assistance is given to the bright SC, SC and OBC student worth Rs. 5000 under Merged Scheme of UGC.

✚ Students with physical disabilities

- Preference is given to the physically challenged candidates at the time of admission. Our campus environment is friendlier to the physically disabled candidates.
- Special encouragement, guidance and care is given in studies and practical.
- Scholarship by State Government.

✚ Overseas students

The institute does not have any overseas student at present.

✚ Students to participate in various competitions/National and International

Students participate in activities of SAPTDHARA and youth festivals at the university and zonal level every year. The institution provides following services and facilities to the students:

- Refreshments and healthy food
- Accommodation
- Gymnasium
- Sports equipments and facilities
- Awards in annual function
- Encouragement and financial aid are provided to students for participating in various competitions, workshops, seminars.

✚ **Medical assistance to students: health Centre, health insurance etc.**

- There is a Primary Health Centre half a km far from the college, where medical treatment is provided at free of cost.
- A financial aid is provided to student who is injured during sport event and practical.
- A Thalassemia test is also done for the 1st semester students.
- Blood donation camp is also held in the institution every year.
- Blood groups of the students are checked.
- Primary treatment to injured student is provided through First Aid Box.
- Institution gets service from the Dr. M.M. Shah (M.S. & E.N.T), Kamal hospital, Vijapur for the students.
- A camp for the diagnosis of all diseases is held from time to time.

✚ **Organizing coaching classes for competitive exams**

- The institution has a Career Guidance Centre.
- Expert lectures are held regularly.
- Seminars/ workshops are organized.
- Reference books and magazines for competitive exam are provided.
- Spoken English classes are held.
- The classes of SCOPE are conducted.

✚ **Skill development (spoken English, computer literacy, etc.)**

The following activities are done for the skill development, Spoken English, computer literacy etc.:

- Workshops
- Seminars
- Expert Lectures
- Various activities under SAPTDHARA
- SCOPE
- Basic Computer training
- Various books for Spoken English
- Pathology Testing Workshops

✚ **Support for “Slow learners”**

- Remedial classes for the slow learners are arranged.

- Extra classes for theory and extra sessions are arranged.
- Peer learning is encouraged from senior students.

✚ Exposures of students to other institution of higher learning / corporate / business house etc.

- The department deputed the students to seminars, workshops and cultural fests organized by other institutions.
- Entrepreneurship training provided through Industry.
- Placement consultancy services are offered by the college for all students.
- Our alumni who are placed in different Industries help our students in providing exposure and training.
- We have a network with reputed Industries for providing industrial training and placement opportunities for our students.

✚ Publication of student magazines

- Department wise wall Magazines
- Students' representation is maintained in the Editorial Board of the year book of the college named "CHANDANA"

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

✚ The promotion of self-employment is one objective of the employment/Career Guidance Cell and towards this end the Cell conducts various lectures. The students of commerce and management disciplines along with the faculty visit to the banks, co-operatives, management institute and business concerns etc. The skill bridge programmes are arranged which is helpful to enhance the soft and hard skills. The students acquire the skill required to face interviews and various competitive examinations.

✚ Co-operative training workshop is organized every year

✚ In science stream the students' practical skill is developed by organizing various instruments training workshop which is basic need of industries.

✚ Science Fairs are organized frequently.

✚ Writing and communication skills are developed by special course in journalism.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc. additional academic support, flexibility in examinations * special dietary requirements, sports uniform and materials * any other

✚ The institution is committed to attract students for participating in various extracurricular activities by ensuring consistent encouragement and motivation. The necessary facilities are provided and adequate funds are allotted. The sports

and cultural committees supervise the extracurricular activities. The students who participate in the sports activities or other extracurricular and extra mural activities are provided with extra classes so that the time they have spared for various activities can be compensated for. Re-tests are taken for them, so that they can have an assessment of their preparations for the final examinations.

- College canteen provides healthy and hygienic food.
- Uniform is provided to the students who take part in NCC, NSS and Sports.
- Special accommodation provided for the participants in the hostel or in library.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

- + The institute has a placement cell named 'UDISHA' an initiative of higher education department of Gujarat Government.
- + The related information is placed on the notice board by the in-charge of the 'UDISHA'. The information of the passing out students is uploaded on the 'UDISHA' website.
- + Programmes related to various competitive examinations are telecast on a regular basis for the benefit of students. The programmes are relayed through BIASAG under 'SANDHAN'. This facility is provided in the four AV class rooms and in Auditorium.
- + However, under the Career Guidance Vartula of the college the students are encouraged to appear in such competitive examinations through the following activities:
 - Students are made aware of UPSC, GPSC, NET, SLET, LIC, Bank and Railway competitive examinations. They are duly guided to get through such examinations.
 - The college library has been the subscriber of Career Guidance dailies and periodical magazines. Thus, it becomes handy and easy for the aspiring students.
 - Reference books for such competitive examinations are also available in library.
- + The college does not maintain the record of the students going through this type of examinations.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

- ✚ The college has a Career Counselling Centre. The choice of the career and the doubts of the students are listened to very carefully and the solutions of the problems are provided. The students who need psychological counseling or any type of social counseling are also attended to very carefully.
- ✚ Almost all faculties participate in academic and personal counseling.
 - Students of the First and Second year are properly guided by the teachers regarding subject selection.
 - After assessing test papers teachers help the students to improve and work upon their weaknesses. The mistakes made by the students are discussed and this discussion is followed by counselling.
 - Seminars, workshops and project reports are followed by necessary guidance and counseling by concerned teachers at UG and PG level.
 - At the time of examination students can approach the teachers with academic difficulties. Teachers solve them and instill confidence to ensure a good performance.
 - Whenever the students and especially the girl students happen to go out of station for NCC, NSS, Cultural, Sports or academic activities the students themselves as well as their parents or guardians are counselled about it prior to going.
 - Talented students are personally guided in building a bright career and encouraged to take the competitive examinations.
 - Students are personally guided regarding the solution of their social problems.
 - Women development cell of college does counseling of the female students.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If “yes”, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes

- ✚ Career Guidance Centre is run by the college which has been approved by the Employment Exchange Office, Mehsana.
- ✚ Having coordinated the heads of different departments and having done the correspondence with different factories and companies, the Career Guidance Centre fixes Campus interviews in the college and also sends the list of qualified students frequently to different companies and factories when their requirement for placement arises.
- ✚ With the help of the teachers’ personal recommendation and cooperation, the students of our college have been benefited with a good job.

- ✚ When the requirement of ad-hoc or temporary staff arises in our college, the priority is stressed upon the ex-students of our college.
- ✚ Following activities were organized by Career Guidance Centre.

Activities of Career Guidance Centre

Sr No	Date	Invited Guest	Topic/Activities	Students Participants
1	07/07/07	Organized by Carrere Guidance Centre, Pilvai	General Knowledge Test	100
2	18/12/07	Workshop 1. Shri Satish Patel Joint Director (SPIPA, A'bad)	Competition Exam	100
		2. Prof. Bhaskar Shukla	Interview Technic	100
3	17/02/09	Shri Chirag Bhavsar Manager IIHT, G'nagar	Seminar Hardware & Networking	120
4	20/08/09	1. Prof. S.B. Nayee 2. Prof. H.M. Dixit	Information on Banking Exam.	50
5	16/07/10	1. Prof. S.B. Nayee 2. Prof. H.M. Dixit	Information on various Competition Exam GPSC/UPSC	70
6	25/09/10	Shri Kiritbhai R. Parekh	Carrere Guidance Motivation & Hardwork	100
7	23/12/10	Workshop 1. Shri Jashvant Acharya Joint Director (SPIPA, A'bad)	Detail Information on UPSC Exam	
		2. Nimesh Acharya	Personality Development & Decision Power	100
		3 Shri Jitabhai Dave	Positive Attitude	100
		4 Prof. Suresh Chaudhari (Arts, Sci. College, Kadi)	Personality Development	100
8	05/03/2012	Prof. Arunkumar H. Bhatt	Workshop Guidance On Career Placement And Various Opportunities Offer Graduation	100
9	04/09/2012	1. Shri Girish Bhrahmbhatt 2. Shri Jagadishbhai Patel	Workshop Getting the better job. Information of Competition Exam (Incl: UPSC & GPSC)	200
10	02/09/2012	Organized by Vikash Vartul Trust, Bhavanagar and Career Guidance Centre, Pilvai	Generak knowledge Test-2012 (GK-IQ-2012)	50

11	12/02/2013	Mr Ashish Soni	Workshop on Motivation & Spoken English	210
12	12/02/2013	Mr Ashish Soni	Workshop on Personality Development & Interview Techniques	210
13	02/03/2013	DrAnand Swarup Pesticides India Ltd, Panoli Dr Sanjay S Shah	Workshop on Future in Chemical Industries & Campus Interview	141

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

✚ Following Grievances are reported from students:

- Seating arrangement in campus
- Parking
- Drinking Water
- CC Road
- Girls Room
- Additional Facilities of Light and Fans in classrooms
- Auditorium

Sr.No.	Year	No. of Grievance Reported	No. of Grievance Redressed
1	2009-10	13	13
2	2010-11	18	18
3	2011-12	12	12
4	2012-13	23	23

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

✚ We have ‘**Women Development Cell**’ and ‘**Mahila Sanskar Sanskruti Club**’ which takes care of these issues headed by Ku. M.B.Datir and Ku. N.V.Patel. Seminars on Women rights, Legal issues and women’s empowerment are conducted in the college quite often by this cell.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- ✚ Yes there is an anti ragging committee named **Discipline Committee**. However, no ragging complaints have been received from the students so far.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

- ✚ The Poor Boys Library facility is provided to the students from underprivileged.
- ✚ The family of the students passed away due to accident is given Rs. one lakh under the “Shahid Vir Kinariwala Vidhyarthi Suraxa Juth Vima Yojana” sponsored by the Government of Gujarat.
- ✚ Government Scholarships are made available to the students belonging to SC, ST, OBC, EBC and Physically Handicapped categories. Other Scholarships from Postal Department, Central Directorate of Hindi. Students Welfare Fund are also made available to the concerned students.
- ✚ The students representing in various sports at University/Inter University level are provided with suitable dresses as well as cash money for other expenses.
- ✚ For attending Seminars/Workshops/Youth Festival organized by University/Institutions, deserving students are deputed for their betterment. The expenditure is borne by the institution.

5.1.14 Does the institution have a registered Alumni Association? If “yes”, what are its activities and major contributions for institutional, academic and infrastructure development?

- ✚ Yes, but we have established unregistered Alumni association under the patronage of “Pilvai College Vartul”. The association proposes to do following activities.
- ✚ To arrange annual get-together during annual day and honour the alumni who has secured prominent position.
- ✚ Alumni give their suggestions for improvement and development of the college.
- ✚ To encourage and inspire the Alumni to donate the college generously and be helpful in the placement of students.
- ✚ The alumni contribute to college through their valuable suggestions, helping in placement, financial support and helping in grievance redressal.
- ✚ A get-together of the alumni was organized during the celebration of the golden jubilee year and the alumni of repute were honoured.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

STUDENTS' PROGRESSION	2009-10 (%)	2010-11 (%)	2011-12 (%)	2012-13 (%)
U.G. TO P.G	55.38	46.47	28.70	12.97

P.G. to M.Phil	--	--	--	--
M.Phil to PhD	--	--	--	--
Employed	--	--	--	--
Campus selection	--	--	--	--
Other than campus recruitment	--	--	--	--

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district

✚ Comparison of College results and University results for the last four years.

Year	Particular	Programme				
		B A	B Com	B Sc	M A	M Sc
2008-09	Students Appeared	250	19	44	54	30
	Students Passed	215	17	44	53	28
	College Results (%)	86.00	87.00	100.00	98.00	93.00
	University Results (%)	75.97	80.88	98.63	81.83	92.81
2009-10	Students Appeared	236	10	73	27	31
	Students Passed	207	09	72	25	30
	College Results (%)	88.00	90.00	98.00	93.00	97.00
	University Results (%)	90.00	81.08	98.78	97.81	88.67
2010-11	Students Appeared	193	20	89	27	28
	Students Passed	178	14	85	25	21
	College Results (%)	92.00	70.00	96.00	93.00	75.00
	University Results (%)	91.57	77.61	98.75	97.41	86.65
2011-12	Students Appeared	208	45	101	20	14
	Students Passed	166	15	90	19	14
	College Results (%)	80.00	33.00	89.00	95.00	100.00
	University Results (%)	87.15	70.50	98.14	98.64	92.00

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

- ✚ The institute facilitate students progression to higher level of education and toward employment in following manner:
 - The institute from time to time makes arrangement of various guest lectures. Eminent personalities from diverse field of education are invited to interact with the students. This step of college has facilitated the students in earning better job opportunities. It helps groom their personality which results into securing better future for them.
 - Personality development programmes are also available for the student progression to higher level of education or employment.
 - The Principal and Departmental Heads collectively correspond with factories, institutions and companies in order to fix Campus Interview and to make efforts on personal and institutional basis for the placement of the students. The college warmly maintains relations with former students.
 - The Career Guidance Cell also boosts up the placement of the students.
 - There is job opportunity and the arrangement for placement under the 'UDISHA' scheme of the office of the commissioner of higher education.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

- ✚ The institution is committed to bringing down the dropout rate.
- ✚ The socio economic, cultural and psychological issues contribute to the drop out factor. To deal with the socio cultural problems, the counseling cell, and grievance cell address the problems of the students and sometimes parents too.
- ✚ The institute provides hostel facility to the boys & girls in this rural area.
- ✚ There are a number of teachers in the college who extend financial support to the needy students.
- ✚ The college also arranges cost free remedial classes for the weak students.
- ✚ Bridge courses are arranged.
- ✚ Self-help groups contribute a lot to attend students in need of help.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

- ✚ Ever since the establishment, the college has earned a name in the field of University level sports. A large number of the college students have participated in University-State-regional and national level sports like cricket, athletics, kabaddi, tennis, softball, etc.

Details of Participations in Sports/ Games Activities									
Sr No	Sports	2009-10		2010-11		2011-12		2012-13	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	Cricket	17	15	0	12	0	15	17	15
2	Kabbadi	12	12	12	0	12	12	12	12
3	Softball	12	12	0	12	0	0	0	0
4	Volleyball	12	12	12	12	12	0	12	0
5	Chess	0	0	0	0	0	0	0	0
6	Tennis	2	0	2	0	0	0	0	0
7	Kho-kho	15	0	12	12	12	0	0	12
8	Handball	12	0	0	12	0	12	0	0
9	Tracking	0	0	1	0	0	0	2	3
10	Yogasan	0	0	0	0	0	0	0	0
11	Basket ball	0	0	0	0	0	0	0	0
12	Badminton	2	0	0	0	2	0	0	0
13	Athletics	0	0	0	0	0	0	0	0
14	Annual sports day	200	70	200	80	250	100	250	100
Total		284	121	239	140	288	139	293	142

✚ We frequently organized various co-curricular and extra curricular activities under ‘SAPTDHARA’, ‘Pilvai College Vartul’, Science Society, Community Science Centre and various departmental activities. Various cultural and extracurricular activities like folk dances, Classical singing, Group singing, theatrical items, traditional heritage items, fine arts items, Quiz, Literary items are offered to the students. College also organizes Annual Sports Meet, Intra mural tournament, techno fest, cultural fest, Fashion show, Short film / Documentary Screening, Celebration of UN days.

✚ Activities of ‘SAPTDHARA’ organized

GYANDHARA

Sr. No	Name of Activity	Date	Name of Expert/ No. of Participants	Subject / Topic	No. of Benefited Students
1	Teachers Day	5-9-2008	29	Teaching by Student-Teacher	All Student of College
2	Exam	13-12-2008	31	Bhartiya Sanskrit Gyan Pariksha	32
3	Career Guidance	26-9-2008	Shri S.B. Nayee Shri S.D. Prajapati	What is the Career	All Student of Commerce
4	Quiz	2-2-2009	12	Swantrantrrottar Hindi Gadhya Lekhak	All Student of MA-I,II
5	Lecture	8-7-2009	10	Tools and Technik of Laboratory	All Student FY,SY-BSc
6	Teachers Day	5-9-2009	37	Teaching by Student-Teacher	All Student of College
7	Visit of Book Exhibition in College Library	5-12-2009	40	Visit of Book Exhibition in College Library	All Student of Mathematics
8	Text Book Vitran	15-9-2009	18	Book Vitran by Hindi Teacher	42
9	Vanchan Shibir	19-12-2009	08	Vanchan Shibir Gujarati	All Students TYBA Pilvai & Vijapur College
10	Mahudi Pravas	7-10-2010	All Teachers of Hindi Subject	Pravas	All Student of TYBA & MA-II Hindi
11	Education Toor	11-1-2010	All Students	Education Toor Biology	All Students of FY/SY-BSc
12	Expert Lectur	20-2-2010	Shivani Patel	Microbiology	All Students of FY/SY-BSc
13	Lecture	27-7-2010	Dr. Anil Chauhan	Natak aur Uske Tatwa	47 of TYBA Hindi
14	Programme Quiz	28-7-2010	20	Revised National T. V. Control Programme	All Student FY/SY-BSC
15	Pradarshani	12-8-2010	40	GCERT Prerit Vigyan Pradarshani,Gandhinagar	40
16	Celebration	12-8-2010	All Students	Celebration of Dr. Vikram Sarabhai	SY/TY-BSC Students
17	Teacher Day	5-9-2010	32	Teaching by Student-Teacher	All Student of the College
18	Lecture	7-9-2010	Dr. B.L.Punjani	Biology	All Student FY/SY-BSC
19	Lecture	23-2-2010	Dr.B.J.Brahmbhatt Dr.Bhavesh Dasandi Dr.K.K.Desai	Application of Spectroscopy Teaching in Chemistry	110 Teacher 116 Student

20	Vakrutva Spardha	10-8-2010	07	Madhyakaleen Kavya	SYBA & MA Hindi Student
21	Lecture	15-9-2010	Prof. Hemant Shah	Consumer Awareness	All B.Com.Students
22	Lecture	15-10-2010	M.T.Machhar Dr. P.J.Vyas	Chemical Kinetics Net / Slet	38 80
23	Lecture	18-10-2010	Prin.Kishor Pandya Dr .S.V.Patel	Vitamin Thermodynamics	34 25
24	Lecture	1-1-2011	Dr. Kartik Vyas Dr. Mayank Mehta	Chemical Bonding “	37 37
25	Lecture	18-1-2011	Dr. K.N.Patel Shri G.B.Dave Dr. G.G.Barat Dr. R.G.Parmar	Polarography Spectrophotometer Kanilisher Auto triter Colorimeter	41 41 41 41
26	Vidhyarthi Abhyas Shibir	18-1-2011	10 Pilvai College & 60 Other College Students	Vidhyarthi Abhyas Shibir	70 Students of Gujarati
27	Lecture	20-1-2011	Dr. K.M.Joshi	Plastic Protection of Enciroment	126
28	Seminar	21-1-2011	Prof. R.N.Patel Prof. R.N.Desai	Evergreen Faculty Commerce	All Student Commerce
29	Natya Kaushalya	23-1-2011 To 26-1-2011	39 Students & Experts	Natyakaushalya	39 Student Sans, Guj, Hindi
30	Lecture	28-2-2011	Dr. R.M.Chaudhary	New History : Ek Nagar	125
31	Lecture	30-3-2011	01 Expert Dr. Malti Dube	Bhartiys Karyashastra	TY & MA Sem - I Student
32	Lecture	30-3-2011	Dr. Nayanaben	Tulsidas	MA-II All Student
33	Pathology Test Workshop	20-3-2011 To 30-3-2011	Smt. Bhavanaben	Workshop	21 Student of Chemistry
34	Workshop	20-6-2011	Shri H.M. Hinsu Dr. C.A.Patel	Workshop for U.G. Physics Syllabus	FY/SY-BSC Student
35	Yavak Sahkari Talim Varg	25-7-2011	04 Student	General Charcha	All Student Commerce
36	Lecture	25-7-2011	Prof. B.S. Saiyad	Lecture in Cost Accountancy	All TYBCOM Student
37	Lecture	20-10-2011	Dr. V.M. Barot	Chemical Bonding	38
38	Lecture	31-12-2011	Prin. K.S. Parikh Shri Ankur Dwivedi Shri Mayur Panchal	UGC (IYC)	57 Teacher 56 Student
39	Lecture	31-1-2012	Dr. N.B. Patel	Lecture(Special)	All Biology Student
40	Lecture Seminar	22-9-2012	Dr. .M. Dave	Industrial Challenge and opportunity	102 Chemistry
41	Seminar	21-3-2012 to 23-3-2012	Shree S.B. Nayee	Seminar Physics	Student of BSC Govt. Science College Gandhinagar

42	Lecture Seminar	4-10-2012	Dr. Vinayak Raval	Seminar	All Gujarati TY Student
43	Lecture	4-10-2012	Dr. Has Mukh Barot	Audhunikta	TYBA Hindi Student
44	Seminar	4-10-2012	Dr. M.S. Prajapati	Sanskrit Recitation	All Sanskrit Students
45	Seminar	8-10-2012	Dr. Rohit Pancholi	Kavyashastra	All Gujarati Student of TYBA
46	Lecture	11-10-2012	Shri Naresh Parikh	History	FY to TY History Student
47	Workshop	27-3-2012	Smt. Bharti Ben Patel	Pathology Testing and disease awareness	40 Students of Chemistry

NATYADHARA

2009 -10

NO.	DATE	EVENT	PLACE	RESULT	Participation
1	16/12/2009	Dst. Level Competition Play- Halo ne aapna malak ma.	Pilvai College	First	09
2	22/01/2010	Zone Level Competition Play- Halo ne aapna malak ma.	Talod College	Second	09
3	23/01/2010	Annual Day Celebration Play.	Pilvai College	12
4	27/01/2010 to 28/01/2010	State level Competition Play- Halo ne aapna malak ma.	S.P Univ. Vallabh Vidyanagar	Participation.	09
5	24/12/2009	INI Competition	Ahmedabad	Participation	12
6	11/1/2010	Vinaveli Competition	Ahmedabad	Participation	12
7	30/10/2010	Sapt Dhara Saptah	Pilvai College	Drama Projection by Video	09
8	2/11/2010	Youth Festival Kai Rahi to Nathi Jatune	Pilvai College	Participation.	09

2010 - 2011

NO	DATE	EVENT	PLACE	RESULT	Participation
1	18/12/2010	Dst. Level Play- Bojo.	Vijapur College	First	09
2	22/1/2011	Zone Level Play- Bojo.	Prantij College	Third	09

3	23/1/2011	Annual Day Celebration	Pilvai College	Participation	09
4	26/12/2010	INT Competition	Ahmedabad	Participation	09
5	19/1/2011	Vinaveli Competition	Ahmedabad	Participation	09

2011 - 2012

NO	DATE	EVENT	PLACE	RESULT	Participati on
1	17-12-11	Dst. Level Competition Play- Bari Barna vagar nu makan.	Vijapur College	First	09
2	23-1-12	Zone Level Competition Play- Bari Barna vagar nu makan.	Vijapur College	First	09
3	28-1-12	State Level Competition Play- Bari Barna vagar nu makan.	Rajkot	Participation	09
4	29-1-12	INT Competition	Ahmedabad	Participation	11
5	13-1-12	Vinaveli	Ahmedabad	Participation	11

2012 - 2013

NO	DATE	EVENT	PLACE	RESULT	Participati on
1	17/01/2013	INT Drama Competition Semi-Final Play- Chal ne aapne Painey jaiye	Ahmedabad	Selected	12
2	27/01/2013	INT Drama Competition Final Play- Chal ne aapne Painey jaiye	Ahmedabad	Third Best Actor. Best Writer. Best Comedy Actor.	12
3	08/02/13	Veena Veli Drama Competition Final Play- Chal ne aapne Painey jaiye	H.K Arts College, Ahmedabad	Third Best Actor. Best Writer.	12
4	31/01/2013	Dst. Level Competition Play- Chal ne aapne Painey jaiye	Pilvai College	First	09
5	31/01/2013	Zone Level Competition Play- Chal ne aapne Painey jaiye	Pilvai College	First	09
6	26/02/2013	State Level Competition Play- Chal ne aapne Painey jaiye	H.K Arts College, Ahmedabad	Third	09

7	7/10/2012	Youth Festival	Palanpur	-	12
8	11-2-2012	Public Show	Gandhinagar	Presentation	12

RANG – KALA – KAUSHAL DHARA

Sr No	Name of Activity	Date	Name of Expert / No.of Participants	Subject / Topic	No.of Benefited Students
2009-10					
1	Drawing Competition	14-9-2009	Goswami Rekha D Patel Asuvan R No.of Student - 7	Freehand Winner 1)Prajapati Pragnesh 2)Patel Paresh J 3)Patel Chirag	For All Student of the College
2	Rangoli Saptadhara	14-9-2009	Hasuben Sathvara Prof.Nilaben Patel No.of Students-10	Winner 1)Patel Dipal A 2)Patel Puja B	For All Student of the College
3	Mahendi Competition	25-7-2009	Dr.Heena Patel Mrs.Yasmin Pathan	Winner 1)Sathvara Sarika 2)Patel Hiral 3)Shah Simpall	For All Student of the College
2010-11					
1	Rangoli Saptdhara	20-1-2011 21-1-2011	Dr.K.N.Patel No.of Student-09	Winner 1)Patel Pinal	For All Student of the College
2	Mahendi Competition	20-1-2011 21-1-2011	Prof.N.V.Patel Prof.Yaminiben Mrs.Yasmin Pathan	Winner 1)Patel Pinal 2)Patel Ankita 3)Shah Simpall	For All Student of the College
3	Drawing Competition	20-1-2011	Dr.Chirag Acharya	Winner 1)Patel Bhavesh 2)Patel Vasudev 3)Patel Sandeep	For All Student of the College
4	Best from Waste	20-1-2011	Prof.M.P.Arবাদia Dr.K.N.Patel Dr.H.M.Ant	Winner 1)Prajapati Sweta 1)Patel Vandana 2)Patel Jalpesh 2)Patel Shraddha 3)Suthar Dhaval	For All Student of the College
2012-13					
1	Mahendi Competition	17-2-2012	Prof. Yamini Raval Prof. Nilam A. Patel	Winner 1)Dodiya Khushbu 2)Shah Simple 3)Patel Neha	For All Student of the College
2	Rangoli Spardha	17-9-2012	Prof. Yamini Raval Prof. Nilam A. Patel	Winner 1)Rathod Priyanka D 2)Zala Vaishali A 3)Chav ada Payal	For All Student of the College
3	Traditional Day	12-1-2013	---	---	200 Students
4	Drama Competition	31-1-2012	---	1)Pilvai College-First 2)Satlasna College 3)Palanpur College	

5	Talent	8-2-2013	---	Drama, Jokes, Mimicry, Songs, Dance	For All Student of the College
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SARJANATMAK ABHIVYAKTI DHARA

Sr.No	Name of Activity	Date	Name of Expert / No. of Participants	Subject/Topic	No. of Benefited Students
1	Essay Competition	25-9-2010	34	Gujaratni Vikasyatra (Progress of Gujarat)	34
2	Elocution Competition	27-9-2010	09	Contribution of Gujarati People in the Progress of India	200
3	Reciting of Poem	28-9-2010	13	Various Gujarati & Hindi Poems	300
4	Workshop on Communication Development Skills	20-1-2011 To 24-1-2011	30	Various Skills Like-reciting Expression Elocution	30
5	Report-Writing	22-7-2011 To 23-7-2011	50	Irregular Transport service, Postal service celebration of National Festival etc.	50
6	Vachan - Shibir (Reading Workshop)	21-2-2012	50	Importance of Mother tongue & other subjects	50
7	Teachers Day	5-9-2012	80	Self Teaching in different subject	All Students
8	Hindi Divas	14-9-2012	15	Lectures on Mother tongue by students	All Students
9	Matrubhasha Divas	21-2-2013	10	Lectures on Mother tongue by students	All Students

SAMUDAIK SEVA DHARA

2009-10

Sr. No.	Name of Activity	Date	Name of Expert / No. of Participants	No of Benefited Students
1	Tree Plantation-100	31/7/09	Dr.S.S.Shah Dr. H.M. Ant Dr. A.R.Modhvardia	54
2	Swineflu & Vyasankmukti Sankalp Abhiyan	28/8/09	Dr.S.S.Shah Dr.R.G.Parmar	70
3	Environment and Vyasankmukti	25/9/09	Tushar Shukla Prof.K.N.Chavada	130
4	Visit to Lokvighyana kendra	Aug.09		
5	Thelessemia Diagnosis Camp	10/10/09	Prathma Blood Bank	221
6	Donation of Cloths	18/12/09 25/12/09	Dr.S.S.Shah Dr.M.S.Prajapati Dr.C.A.Patel	

Participation in Cultural Activities

2009-10			2010-11			2011-12			2012-13		
Personal	Geet Sangeet	Drama etc.	Personal	Geet Sangee	Drama etc.	Personal	Geet Sangee	Drama etc.	Personal	Geet Sangee	Drama etc.
50	30	20	60	35	20	45	30	22	40	25	25

Activities of NCC Unit:

- Every year CATC, NIC, BLC & Tracing Camp are held in different locations like Ahmedabad, Nagpur, Rajkot, etc.
- B & C Certificate Examination also held regularly.

No. of NCC Cadets							
2009-10		2010-11		2011-12		2012-13	
1st year	2nd year	1st year	2nd year	1st year	2nd year	1st year	2nd year
64	76	57	48	70	57	42	70

Regular activities of NSS : Tree Plantation, NSS Orientation, Sadbhavna Divas, Vishvashanti divas, NSS day, Vyasankuti abhiyan, Poster exhibition, awareness of environment, elocution of vivekanand jayanti, Polio awareness, Blood donation camp and annual camp, etc.

No. of NSS Volunteers							
2009-10		2010-11		2011-12		2012-13	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
119	72	68	32	68	32	52	48

Activities of Science Society and Community Science Centre:

- ✚ To promote and popularize science among students and society we organized following various activities under **Science Society** and **Community Science Centre**.

Sr No	Date	Name of Activities	Name /no. of Participants	No of Benefited Students
1	11/01/11	Essay competetion	20	All Science Student
2	21/01/11	Quiz cop.	16	All Science Student
3	22/01/11	Elocution copi.	07	All Science Student
4	22/01/11	Dance comp.	05	All Science Student
5	22/1/11	Mono acting	01	All Science Student
6	22/01/11	Song comp	14	All Science Student
7	19/01/11	Class decoration	All	All Science Student
8	20/01/11	Drawing comp.	07	All Science Student
9	20/01/11	West to best	08	All Science Student
10	6/09/11	Science Quize	16	All Science Student
11	15/09/11	Power point presentation competition	21	All Science Student
12	16/09/11	Chart -model Competition	47	All Science Student
Ramatotsav 2012				
13	24/01/12	100mt. run(boys&girls)	24	All Science Student
14	24/01/12	200mt. run(boys&girls)	13	All Science Student
15	24/01/12	Three leggedrun(boys&girls)	22	All Science Student
16	24/01/12	Spoon with lemon runrun(girls)	10	All Science Student
17	24/01/12	Shikka sodh Spardha	12	All Science Student
18	24/01/12	Cricket Final	22	100
19	24/01/12	Volley ball Final	12	36
20	25/01/12	Long jump(boys & girls)	12	All Science Student

Activities of Career Guidance Centre

- ✚ Following activities are organized by career guidance centre regularly: Expert Lecturers, workshops, seminars on personality development information of

various competitive examinations such as UPSC, GPSC, NET-SET, General knowledge test, Information of employment related news and provide books and materials to the students for competitive exam. The details of activities of Career Guidance Centre are given in Table shown in **point 5.1.9**.

5.3.2 Furnish the details of major student achievements in co-curricular, extra-curricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Major students achievements in sports :

- ✚ The institute is well-known by its sports activities at University level. Every year the institute has achieved the championships in 3-4 sports. About 30 students are selected for participation in Inter University Level sports every year.

Details of Participation of Students in Various Sports at University Level and its Outcome During Last Five Years

Years	Name of Sports	Men/ Women	Selected at Uni Level	Outcome
2005-06	Tennis	Men	01	Hem. N. G. University Fourth
	Tennis	Women	02	Hem. N. G. University Champion
	Cricket	Women	03	Hem. N. G. University Third
	Kabaddi	Men	04	Hem. N. G. University Champion.
	Soft Ball	Women	05	Hem. N. G. University Champion
2006-07	Tennis	Women	02	Hem. N. G. University Champion
	Cricket	Men	02	Hem. N. G. University Champion.
	Kabaddi	Women	04	Hem. N. G. University Champion
	Soft Ball	Women	04	Hem. N. G. University Champion
	Kabbadi	Men	04	Hem. N. G. University Runners up
2007-08	Tennis	Women	01	Hem. N. G. University Third Place
		Men	01	Hem. N. G. University Runners up
	Cricket	Women	05	Hem. N. G. University Champion
		Men	03	Hem. N. G. University Runners up
	Soft Ball	Women	04	Hem. N. G. University Runners up
	Valleyball	Women	02	Hem. N. G. University Third Place
	Table Tanis	Women	03	Hem. N. G. University Third Place
Bad Mington	Women	01	Hem. N. G. University Runners up	
2008-09	Tennis	Men	02	Hem. N. G. University Runners up
		Women	02	Hem. N. G. University Champion
	Cricket	Women	04	Hem. N. G. University Runners up
	Kabaddi	Men	04	Hem. N. G. University Runners up
	Soft Ball	Women	04	Hem. N. G. University Champion
	Volleyball	Women	02	Hem. N. G. University Runners up
2010-11	Cricket	Women	02	-
	Kabaddi	Men	03	Hem. N. G. University Runners up

	Soft Ball	Women	03	Hem. N. G. University Third Place
	Kho-Kho	Men	02	-
		Women	01	-
	Valley ball	Men	05	Hem. N. G. University Champion
		Women	03	Hem. N. G. University Third Place
	Hand Ball	Women	03	Hem. N. G. University Third Place
	Traking	Men	01	-
	Lon Tennis	Men	01	Hem. N. G. University Runners up
	Wrestling	Men	01	Hem. N. G. University Runners up
2011-12	HandBall	Women	02	Hem. N. G. University Fourth
	Cricket	Women	01	-
	Kabaddi	Men	03	Hem. N. G. University Fourth
		Women	01	-
	Valley ball	Men	04	Hem. N. G. University Champion
	Basket Ball	Men	02	Hem. N. G. University Fourth
	Kho-Kho	Men	02	-
	Wrestling	Men	02	Hem. N. G. University Runners up

✚ Achievements in Cultural Activities :

- Our college participated in **One Act Play** competition and stood first in district level in 2009 to 2013.
- In 2009-10 stood 2nd, In 2010-11 Stood 3rd, In 2011-12 Stood 1st, and in 2012-13 Stood 1st.
- In 2012-13 Our college **One Act Play**(Chal ne Aapane Paini Jaiye) stood first in **INT and Gujarat Samachar Trust** organized **Inter Collegiate One Act Play Competition**.
- Awarded first prize “ Best writer - Prof. K.S.Bhatt (Economics Department)
- Awarded best actor prize “Saddam Husain Sipahi (Student of M.Sc.)
- Awarded best comedian - Karishma Patel (S.Y.B.Sc.)

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- ✚ The institution collects feedback from students through feedback forms and suggestion boxes for improving the performance and quality of the institutional provisions.
- ✚ The suggestions and guidance from the authorities of the management and members of the executive body are used and implemented for the improvement in administrative and academic work along with infrastructure facilities.

- ✚ The IQAC endeavors to enhance the performance of the institutions by making the plan and policy on the basis of the feedback received from the graduates and the employers.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

- ✚ The institution has department wise wall magazines. More over the college also published the year book named CHANDNA. The students are encouraged to contribute articles in these magazines. The wall magazine is getting a very good response from the students. Students display drawing, paintings, articles, poems, thoughts, etc. on the wall magazine. Similarly the students actively contribute into the college magazine. The student representatives are the member of the Editorial board of the CHANDNA.

- ✚ The students were encouraged for their contribution by publishing their articles and other writings in the souvenir of the celebrations of the completion of 30 years of the institution and the golden jubilee year.

5.3.5. Dose the college have a student council or any similar body ? Give details on its election, constitution, activities and funding,

- ✚ Yes, we have student council named “Pilvai College Vartul” we get the names of the interested and talented students from HOD. for the council. We choose them on the basis of their merit in respective subject. This Vartul works as a bridge between the institution and students and ensures smooth and timely dissemination of information and solution of some problems. It also facilitates various activities in the class rooms and college campus.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

- ✚ Following are the various academic and administrative bodies that have student representatives on them.
 - Pilvai College Vartul
 - SAPTDHARA
 - NSS
 - NCC
 - Science Society
 - Community Science Centre
 - Career Guidance Centre
 - Women Redressal Cell
 - Mahila Sanskar Sinchan Club

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

- ✚ The college has a **Pilvai College Vartul** with alumni students which keeps meeting once a year on Annual Day. The Vartul plays vital role in keeping touch with the members and stakeholders. The institutions invite former faculties to certain important meetings. This adds to the experiences of the Vartul and advice is followed very promptly. The alumni get together have provided a platform for interaction with other students in a cordial friendly atmosphere. This networking has resulted in career openings. Our social networking like Face book, Twitter, Linked-In sites helps in tracking our passed out students and former faculties. This helps in getting them in our Vartul, which helps our students to know more in-depth about the hospitality industry and also their experiences to attain the senior positions.

HIGHLIGHTS OF CRITERION :

- ✚ Active participation of the students in various curricular, extra- curricular and cultural activities organized under the aegis of 'Pilvai College Vartul', 'Science Society' and 'Saptadhara'.
- ✚ the college has remarkably good performance in sports at the University and Inter University level in various games like Kabaddi, Tennis, Volleyball and Cricket.
- ✚ The institution has earned a good reputation in the performance of one –act play at state level during the last five years.
- ✚ The institution has a right tradition of very good results in comparison with that of the University Result overall.
- ✚ The institution has a very rich and very useful library in tens of pursuing Research.
- ✚ The institution has well-equipped modern laboratories.
- ✚ The institution provides career guidance to the students through Career Guidance Centre. Moreover the NCC and NSS Units also prepare the students to be good and responsible for the best service of the society and the nation.
- ✚ The institution has a very good infrastructure for the students in all respects.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision & Leadership:

6.1.1. State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Our Vision:

To educate and enable youth to enhance the dignity and progress of the society as well as the nation.

Our Mission:

- ✚ To make the rural youth aware and obedient of constitutional values like democracy, secularism and freedom of opinion and to make them execute the duties of a true citizen sincerely.
- ✚ To nurture them at gender equilibrium in order to avoid partiality with regard to sex in daily life.
- ✚ To enable a village to be economically and socially potential center of development.
- ✚ To make the youth live in honors by undertaking inherited and traditional business with employing appropriate technology.
- ✚ To arouse vocational skill and curiosity of self-employment in the mind of the youth.

6.1.2 What is the role of Top Management, Principal and Faculty in design and implementation of its quality policy and plans?

- ✚ The Top management includes the Trustees, President, Vice Presidents, Secretaries, Principal & Faculty of all streams. They play a very important Role in framing and implementing its quality control policies. One nice saying is that,

**“Coming together is beginning,
Keeping together is Progress, &
Working together is Success.”**

So, it's all about the Teamwork to reach the success.

- ✚ IQAC designed the quality policy and plans of the institute carefully. IQAC Consists of Management, Principal and faculty members.
- ✚ The Principal and the Management provide help, support, and guidance in recruiting competent and qualified faculty members, promoting research culture,

maintenance and up gradation of infrastructure, and promoting healthy and competitive culture within the organization.

- ✚ The faculty members who are highly educated & also enthusiastic are appointed in different committees and are expected to discharge responsibilities under the supervision of Principal.
- ✚ The Management, the Principal and the staff/faculty are always keenly eager for designing and for the proper applications of the quality policy and plans.

6.1.3 What is the involvement of the leadership in ensuring?

- **the policy statements and action plans for fulfillment of the stated mission**
- **formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**
- **Interaction with stakeholders**
- **Proper support for policy and planning through need analysis , research inputs and consultations with the stakeholders**
- **Reinforcing the culture of excellence**
- **Champion organizational change**

✚ The leadership of institution is fully involved in formulation of action plans. It regularly interacts with stakeholders (viz, Students, Parents, Alumni, Society).

✚ The Principal of the institute is a liaison between the students and the Management. Infrastructure requirements (Academic, Research, Physical) for the institute are conveyed to the management and the Principal sees to it that they are fulfilled.

✚ The proper mechanism of interaction has been developed by the institution to interact with stakeholders. Management & Principal has an active and positive attitude towards all concerned Faculty, Students, and supporting staff.

✚ The institute has developed and established the culture of excellence through the excellent teamwork of the staff under the guidance and leadership of the Principal. As a result, the institution has achieved the “College with Potential for Excellence (CPE)” Status of UGC. It is a matter of great pride for our institute, which is situated in rural area.

✚ Due to CPE status, a major change has been brought about in the organization in term of physical as well as academic infrastructure. Along with that the psychological transformation of the staff will increase the ability and quality of teamwork. This will be proving more beneficial for the institution in future.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

✚ Policies and plans are constituted, monitored and evaluated by IQAC.

- ✚ The Principal, Vice Principal, Faculty Incharge, HODs and the various committees implement the plans and policies together.
- ✚ The staff members participating in execution of the institutional activities are motivated and good work is appreciated by authority.
- ✚ Authority and executive members of Management are always available to guide us for overall development of the institute.
- ✚ 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 and at the end of the academic year the conveners submit the reports of the work done to the head of the institution.
- ✚ The students' representatives are also nominated to carry out the co-curricular and extracurricular activities.
- ✚ Feedbacks available from the students and stakeholders are considered for the improvement of the plans and policies.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

- ✚ Top Management of the College provides necessary guidance to the faculty in their pursuit of achieving higher qualifications through faculty improvement programmes, seminars and workshops. The leadership also encourages staff members to engage in active research so that students as well as society are benefitted.
- ✚ In the Management Executive committee meeting, head of the institute is also present to provide information and suggestions if any. In the meetings policies, plans and responsibilities are defined and communicated to the staff through the head of the institution. If the situation demands, the President of the Management Committee holds meeting with the teaching staff & non-teaching staff to communicate directly. The teaching as well as the non-teaching and supporting staff follows the instructions and implement them in the interest of the institution.

6.1.6 How does the college groom leadership at various levels?

- ✚ The policies and plans of the institute are constituted, monitored and evaluated by IQAC.
- ✚ To implement the plans and policies of the institute, various committees are constituted by the Principal, Vice Principal and Faculty Incharge.
- ✚ The faculty members are assigned different responsibilities and duties to perform when extra-curricular activities are conducted. Their performance is evaluated by top leadership from time to time.
- ✚ The best working committee is appreciated and the staff members involved are suitably rewarded.

- ✚ To groom leadership at student level, the students' representative are also encouraged and nominated to handle the co curricular and extracurricular activities.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments/units of the institution and work towards decentralized governance system?

- ✚ The Principal empowers the Vice Principal, the Faculty In-charge to carry out various functions with operational autonomy such as financial powers invested with one of the faculty members.
- ✚ For academic matters head of the departments are given full liberty to improve the academic level.
- ✚ They can consult the top management of the College when they feel any kind of difficulty in performing their duties.
- ✚ Physical Director, Librarian, rector, Programme officer of NSS, Officer of NCC and conveners of different committees are also independent to perform their duties.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

- ✚ Yes. The Principal, head of the institution constitutes different committees at the beginning of each academic year. These committees are

<ul style="list-style-type: none"> • IQAC • Admission Committee • Time-Table Committee • Library Committee • Grievance Redressal Committee • Cultural Committee • Sports Committee • Examination Committee 	<ul style="list-style-type: none"> • Finance Committee • Research Committee • Saptdhara • Career Guidance Centre • Women Development Cell • NSS • NCC • Science Society
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- ✚ These committees are given autonomy to manage their respective activities.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes,

- ✚ Policies regarding academic, financial and other matters are developed. These policies are implemented at the College level by the Principal through staff members and committees.
- ✚ The Management holds formal and informal dialogues with the staff, from time to time, to redress if any grievances.
- ✚ In the academic units, teachers are encouraged to participate in seminars, conferences, workshops and refresher and orientation courses to update their knowledge and skill base.
- ✚ The administrative functionaries though decreasing in numbers is regularly subjected to internal transfers so that staff is exposed to the working of different departments.
- ✚ The faculty has been provided with separate rooms adequately furnished and equipped with the latest communication technology and gadgets. Staff development programmes are also conducted and staff is motivated to enhance their educational level.

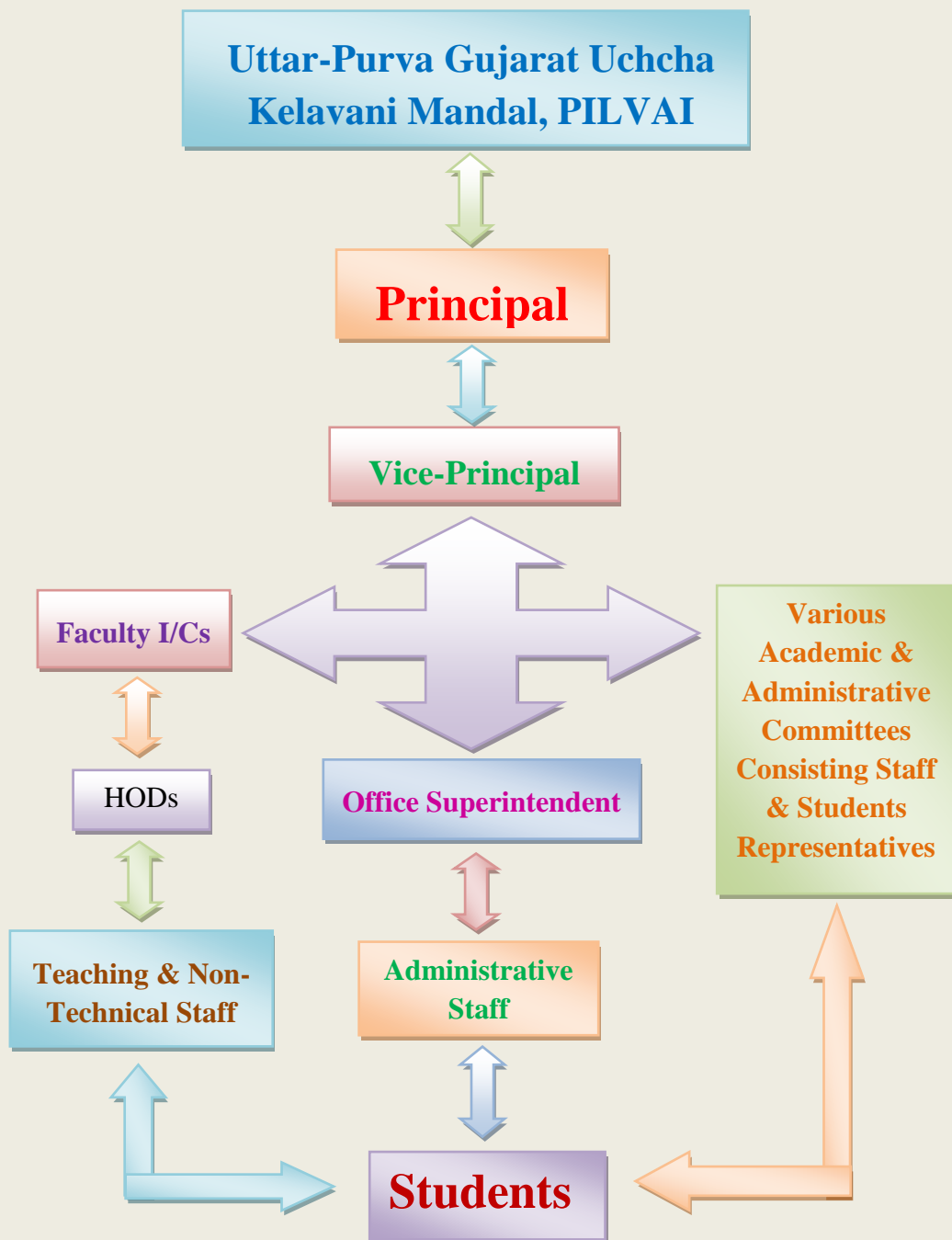
6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes,

- ✚ The institute has perspective plan of the development.
- ✚ The institution intends to extend its developmental work which is already being carried out in the college. The perspective institutional plan is developed following the procedure of involving the cooperation of teachers, students and members of the Managing Committee. In order to formulate the strategy development and deployment, the committees are constituted for each and every developmental work.
- ✚ Teachers have to participate in all the institutional plans and wherever the situation demands, students and members of Management Committee are involved.

6.2.3 Describe the internal organizational structure and decision making processes.

ORGANIZATION CHART



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- **Teaching & Learning**
- **Research & Development**
- **Community engagement**
- **Human resource management**
- **Industry interaction**

Teaching & Learning:

- Development of more AV Class rooms.
- Encouragement of faculties for using AV teaching aids through Power Point Presentation.
- Teaching aids like Charts, Models, Audio CDs, Video CDs, and Slides etc. are used according to the demand of the subjects.
- Encouragement of teachers and students for using library resources.
- Faculty members are relieved for attending Seminars, Workshops, Orientation Courses, Refresher Courses, and Teaching Programmes.
- Various faculty development programmes are organized.
- The feedbacks of students are taken, analyzed and the recommendations for improvement are communicated to the concerned teacher.
- Regularity of teachers- students and teaching learning process are closely monitored by authority.
- Advanced learners are encouraged and honored.

Research & Development:

- Enrichment of research facilities by
 - Developing separate research laboratories
 - Purchasing sophisticated equipments
 - Subscribing research journals and e-journals
 - Facilitating computer- internet
 - Purchasing software useful for research work
 - Providing required chemicals and glassware
- Recognized PhD guides are encouraged and given sufficient autonomy for research.
- Faculty members are encouraged for

- Pursuing Ph.D. work
- Major and Minor research projects
- Participating in up-grading programmes viz. Seminars, Workshops...
- Established more MOUs with Industries, Academic Institutions and Research Centres.

✚ **Community engagement:**

- National Integration Programmes are conducted under NSS.
- Holding blood donation camp, NSS camps, free medical checkup, youth festivals, Tree plantation festival etc.
- The Samudaik Sewa Dhara the students work in villages.
- NCC cadets of the institute also help in the immunization programme of the Government.
- National integration programmes are conducted under NSS.
- NATYADHARA, doing social drama to spread social awareness.
- The Community Science Centre (CSC) plays an important role to popularize and promote scientific temper in community.

✚ **Human Resource Management:**

- In the institute, the process of assessing adequate human power requirements, staff recruiting, monitoring and planning professional development programmes for personnel development and seeking appropriate feedback responses is very good.

✚ **Industry interaction:**

- The institute interacts with the various industries. The college organizes industry visit for the benefit of students. People from the various industries are invited to deliver the lectures and workshops.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- ✚ Principal, the head of the institution convenes meetings of various committees from time to time and takes feedback and analyzed feedback and suggestions are communicated to the top management.
- ✚ The Principal also meets students in class-rooms and in campus personally and takes feed-back regarding teaching and other activities (games, cultural, extracurricular etc.).
- ✚ Stakeholders are given information through Notice Boards, circulation of notices in class rooms, College website.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- ✚ The Management always encourages and supports the involvement of the staff in the improvement of the effectiveness and efficiency of the institutional process.
- ✚ Any suggestions put forward by any staff member regarding improvement of teaching, research and other activities are seriously considered by the Principal and due weightage is given.
- ✚ The Vice Principal, Faculty In-charge, HODs and conveners of different committees are given free hand to plan and implement the same and act in the interest of the institution.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

- ✚ Management takes keen interest in overall progress of the institution. Resolutions made by the Executive Committee of the Management and the status of implementation are as follows :

Sr No	Date	Resolution made by Management	Status of Implementation
1	24/12/2009	Construction of Women's hostel under UGC Scheme	The construction is completed and the Completion Certificate has been provided by the UGC.
2	20/06/2010	To open a separate bank account for CPE Grant.	The Bank account is opened in Canara Bank.
3	20/06/2010	Appointment of required temporary teaching and nonteaching staff	The required teaching and non teaching staff have been appointed.
4	20/6/2010	Celebration of "SWARNIM MAHOTSAV" for completing 50 years of the establishment of college	The college had organized various social and cultural activities and celebrated "SWARNIM MAHOTSAV"
5	20/06/2010	To form Academic Council	Formation of academic Council was done.
6	18/09/2010	To repair building of Institution	Under the UGC development grant the repairing is over.
7	18/09/2010	Discussion of activities to do under the various schemes of UGC	The discussion is done for various activities under UGC Schemes viz CPE, DG, Merged scheme...
8	18/09/2010	To open a canteen in college	The canteen has been started.

9	03/02/2012	Construction of first floor of ARTs building	The work of construction in progress.
10	03/02/2012	To established web camera in institution	The installation of web camera in institution is done for security and transparent examination purposes under the UGC additional grant and with management's financial support.
11	25/10/2012	Development of Virtual class in room no.19.	The work is done under the CPE scheme.
12	24/01/2013	Discussion of NAAC-RAR	After the discussion college is going for NAAC-RAR and the procedure has started in this direction.
13	24/01/2013	Accounts of UGC's 11 th plan	The account of 11 th plan Development Grant and Merged Scheme has been submitted satisfactorily.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

✚ No, the affiliating university does not make any provision for according the status of autonomy to any affiliated institution.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

✚ The Grievance Redressal Committee is formed for the students.

✚ The institute has well defined grievance redressal procedure. Prompt and effective disposal of grievances of various stakeholders are being done.

✚ Institute has constituted a Grievances Redressal Committee. This committee discusses the matter with Principal to solve the problem.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

✚ No

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes' what was the outcome and response of the institution to such an effort?

Yes,

- ✚ The institution has developed a feedback mechanism where the students are given forms and they are asked to fill up these feedback forms for assessment of the faculty members as well as the subjects taught by them.
- ✚ Forms are then analyzed confidentially and the faculty members, who need improvement according to the feedback from the students, are counselled and guided by the Principal.
- ✚ The Management also takes keen interest in the development and improvement of institution's performance.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

- ✚ Organize faculty development programmes like computer training, soft skill training, and instrument operating training, professional workshops in institute.
- ✚ The teaching staff is encouraged to participate in the professional workshops, conferences, seminars, related to their area of specialization.
- ✚ Faculty members are also encouraged to pursue higher studies especially doctoral studies along with it, they are also encouraged to present research papers.
- ✚ Faculty members are motivated to apply for minor/major research projects, orientation courses and refresher courses.
- ✚ Non-teaching staff undertakes training in computer skills, along with soft skill training.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- ✚ Faculty members are motivated to participate in short term training courses conducted by ASC, UGC and Knowledge Consortium of Gujarat (KCG).
- ✚ The College has organized seminars, workshops and conferences in various disciplines for its staff as well as for the faculty of other institutions in the state.
- ✚ The Faculty members are assigned responsibility of SAPTDHARA where it is their responsibility to manage all activities within the budget allocated and write a report, this is an enriching experience for the faculty.
- ✚ They are encouraged to present papers in seminars conferences and symposiums at the state, national and international level.
- ✚ Faculty members of the institute are invited for expert lectures by SANDHAN for which the institute grants duty leave and other facilities.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- ✚ Performance appraisal system is implemented as per the guidelines from UGC. The self appraisal report filled by the faculty and submitted to the concerned head of the department. Then he submits it to the head of the institute.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

- ✚ The Management always plays an active role in the performance appraisal of the staff.
- ✚ The Management keeps a keen vigil on the working behaviour of the members of the teaching as well as the non-teaching faculty.
- ✚ The Performance Appraisal Report of the employee evaluated by higher authorities. The Principal and the management of the Institute, have regular meetings with the faculty members. The faculty members are motivated to take more active part in research. The positive aspects of the faculty members are appreciated.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

- ✚ Welfare schemes are provided as per government norms.
- ✚ GSLI by government for all permanent employees.
- ✚ Registered Credit Society is run by the college for the welfare of teaching and non-teaching staff. Nearly 95% of faculties are members of this society and get benefits.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

- ✚ Due to Government policy for recruiting staff in grant-in-aid colleges, now a days the mobility of the staff becomes less in such institutes. The eminent faculty is given full freedom and environment by the authority to groom his/her academic career.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- ✚ Financial resources are available through State Government, UGC and various fees from students which are utilized and monitored by the top management, Principal, accountant & different committees.
- ✚ Collection of tuition fees, purchases of materials, books, stationeries, equipments and its maintenance, payment of bills are through centralized accounts department. All purchases are done through tender system. A petty cash is also maintained. Each and every transaction is supported by the vouchers.
- ✚ All the collections are deposited in the bank and all expenditure, recurring and non-recurring, are incurred through cheques. Only duly authorized persons can operate through bank.
- ✚ The accounts are done by Telly so entries are monitored by authorities.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

- ✚ There is a mechanism of checking, rechecking and crosschecking of accounts by the accountant, Office Superintendent and Principal periodically. Besides, an arrangement is made by the management for internal audit at least two times a year by C.A. firm, Patel Mankad & Co., Ahmedabad. In the case of spending of UGC grant, there is IQAC, Finance Committee and Library Committee. It finalizes the purchase of necessary equipments and books of the college. All purchases are done through tender system. The external audit is also done by the state government periodically. The grant of state government is finalized only after the audit.
- ✚ The last audit was done in July 2012. There were no major objections raised by the auditor.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

- ✚ The college's major sources of funding are as follows:
 - Fee collected from the students.
 - Grants received from State Govt. (Being a Grants-in-aid College)
 - Various grants received from UGC and other funding agencies.
- ✚ The deficit is borne by management.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- ✚ The institute was established in 1960. It completed its 50 years in 2010-11. So in this year (2010-11) institute celebrated 'SWARNIM MAHOTSAV' and

successfully organized various programmes viz. musical party, drama, felicitation of past teachers, donors, alumni etc.

- ✚ In this celebration institute received funds of around Rs.88 lacks from our alumni, well-wishers and prestigious persons of the society.
- ✚ This fund is being utilized for the academic and infrastructural development of institute.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

- ✚ Yes, IQAC meets twice in a year to discuss policy and action plan and to frame policy with regard to quality assurance. Students and Alumni give their effective feedback and suggestions for quality improvement in the College.

b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

- ✚ Most of decisions of the IQAC have been approved by management for implementation. The college has tried to implement many of recommendations as early as possible. Some of them are follows:
 - To hold the meeting of IQAC for yearly planning and process.
 - To create special fund for developing new infrastructure facilities.
 - Introducing remedial courses for slow learners in various subjects.
 - To carry out collaborative research with industries and institutions.
 - To carry out outstanding extension activities.
 - To develop 'Digital English language Laboratory' and SCOPE.
 - Add new reference books, journals and computer facilities in central library.
 - Purchase new latest equipment to fulfill research need.
 - Motivate faculty to persue M.Phil / PhD degrees and minor& major projects.
 - To collect feedback from stakeholders.
 - Apply in CPE Scheme of UGC (Apply for CPE status).
 - To arrange expert lectures in different subjects.
 - Add more reference books, journals, periodicals and computer in the library.

- To strengthen, further career and educational guidance facilities for students.
 - Organized motivation programmes for faculties.
 - Planning to celebrate the **Swarnim Mahotsav** for completing glorious 50 years.
 - To create special funds and grants from various sources to increase infrastructure facilities.
 - To prepare and submit the proposal of Jubilee Grant of UGC.
 - To prepare and submit the proposal of Development Grant (UG & PG) and Merged Scheme under the 11th plan period.
 - To construct new women's hostel for local female needs under UGC special Scheme.
 - Subscribe the N-list programmes of INFLIBNET in library.
 - To develop the facility of live telecast of SANDHAN.
 - To prepare and submit the proposal of BSR scheme to UGC, New Delhi for renovation and development of science laboratories.
 - To prepare plan and policies to execute and utilize successfully the Development Grant (UG & PG) and Merged Scheme Grant allocated by UGC during 11th plan period.
 - To execute and utilize the first installment of CPE Scheme as per Action Plan.
 - To organize various Faculty/student Development Programmes under CPE Scheme.
 - To purchase new educational and administrative softwares.
 - To furnish classrooms with audio-visual aids.
 - To implement semester and CBCS successfully.
 - To prepare plan and estimates of Seminar hall, Canteen and CC Roads constructed under Jubilee Scheme and submit to UGC for sanctioning it.
 - To start the procedure of various construction/renovation projects sanctioned by UGC under Development Grant and Merged Scheme during 11th plan period.
 - Provide internet facility to all.
 - Purchase new software prescribed by University for better administration.
 - To introduce more advanced teaching-learning equipments.
 - To modify the examination pattern and internal marking pattern as per new semester and CBCS system.
 - To aware and train teachers and staff about CBCS and Semester System.
- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**
- ✚ Yes, The IQAC does have external members. The external members help in planning out the Academic Calendar, plan and policies of the institution and also help in arranging eligible guest speakers. They have contributed donation

and have been helpful in collecting donation from society during ‘SWARNIM MAHOTSAV’.

d. How do students and alumni contribute to the effective functioning of the IQAC?

✚ Students and Alumni are parts of IQAC. They give their effective feedback and suggestion for quality improvement. Their feedbacks play very important role in IQAC decision and proposal making.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

✚ The IQAC formulates programme and then it is placed in the staff meeting where it is discussed and then each faculty member is given responsibility as per the plan.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

✚ Yes, Institution ensures the Quality Assurance of the academic and administrative activities according to framework developed by IQAC The quality assurance is ensured by teaching plan prepared by concerned faculty member.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

✚ Yes, Institution makes an effort to provide training by arranging workshops and trainings viz attitude change, time management, stress management, interpersonal skills etc. Such types of training enhance the ability and quality work of staff. The teachers are also trained to deliver their lectures using ICT aids. The workshops are also arranged to enhance their computer skill and representation skill.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

✚ Through HODs and senior teachers, the Principal remains in touch with performance level of teachers, completion of syllabus and other academic requirements and shortcomings of the teachers and students. Moreover there is a committee for evaluating annual results of University Examination class wise and teacher wise. Result of individual teacher is mentioned in the Self Appraisal Report. The external peer committee is also formed for this purpose. The external experts and educationalists of IQAC have also reviewed academic provisions and undertook Academic Audit.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

- ✚ All compliances are made as per these three bodies from time to time. The best practices of the institution are:
 - According to the directions of UGC and NAAC for the internal quality assurance mechanism IQAC was formed.
 - Continuous interaction with the university leading to the incorporation of state government suggestions and UGC guideline.
 - Implementation of periodic recommendations of local inspection committee and NAAC.
 - Involving both teachers and students in activities that sensitize them to social and environmental issues.
 - The suggestions made by the external agencies such as knowledge consortium are given importance during IQAC meetings.
 - Suggestions from alumni and experts' visits have been of great value to IQAC's planning.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- ✚ To review the teaching learning process continuously, review and evaluation of all aspects is carried out and guided by the Principal under cooperation of Vice-Principal and Faculty I/Cs. The Principal also reviews the test results of each semester for each subject and teacher. This type of process enhances learning process in the institution. Teachers are made aware of their weaknesses and they try to improve them. The feedbacks of teaching learning process of each teacher from the students are taken, analyzed and passed to concerned teacher for improvement.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- ✚ The institution has evolved a stakeholders' web by forming different platforms like College Advisory Board, alumni, Parent Teacher Meet and various committees with a fair representation of students. The IQAC, in the planning process, considers suggestions, collected from all the stakeholders to prepare perspectives on development. These developmental perspectives are discussed positively in the meetings of IQAC and decisions are conveyed to various internal and external stakeholders.

HIGHLIGHTS OF CRITERION:

- ✚ Our Management strongly believes that **“Good governance is to govern the least”**.
- ✚ As a result if it is found necessary, management applies the well-known management theory ‘Z’ to manage the institute.
- ✚ By the good governance, sighted leadership and well organized management, the institute has achieved the status “Colleges with Potential for Excellence (CPE)” from UGC. This status is a pride for us and prestigious too, as our institute is situated in rural area.

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

- ✚ This institute is set up in a pollution-free environment in nature's abode. There are more than 5000 trees in the campus which are taken care by the institute. More trees are grown by the students, too. Natural environment helps positively for the best educational system. It is our precious asset which is far from urban area and industry.
- ✚ We celebrate world environment day, ozone day, Tree Plantation, etc., for environment consciousness. Sign boards regarding green and clean campus-campaign are displayed all around the campus.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- **Energy conservation**
 - ✚ The classrooms and staff rooms are airy and well-lighted due to big windows, greenery and open space in all buildings which require less electricity. The students and staff members are aware about the importance of electricity, so they utilize minimum electricity and try to save energy.
 - ✚ Chemistry laboratories had gas plant based on Solvent, which is replaced by LPG which serves two purposes- financial benefit and protection of environment.
- **Use of renewable energy**
 - ✚ No initiatives are taken by the college for using renewable energy. We are planning to install solar units inside the campus.
- **Water harvesting**
 - ✚ There is an underground tank to store rain water in Science Building. The saved water is used as distilled water during Chemistry Practical throughout the year. Rain water is harvested in the large campus automatically. Consumption of water is done economically.
- **Plantation**
 - ✚ Entire campus is surrounded by more than 5,000 different types of trees. Every year the students of NCC & NSS plant more trees & look after them. A Botanical Garden is set up by the Biology Department in which a 'POLY-HOUSE' for variety of plants is developed.

- **Hazardous waste management**

- ✚ There is an eco-friendly system for chemical- waste from the Chemistry -lab. Effective housekeeping system is practiced where hazardous waste management is effectively taken care. Chemical waste is destroyed by appropriate treatment and paper waste is discarded by fire. Every department has dust-bin which is cleaned up regularly.

- **e-waste management**

- ✚ Less proportion of e-waste is generated. Strict procedures are followed where the e-waste management is taken care by the management and housekeeping systems

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

- ✚ To create a positive impact on the functioning of the college, various Administrative and Academic innovations are introduced during last five years.

- ✚ **Administrative Innovations**

- The Administrative Office is fully Computerized. With the help of Office Management Software, the administrative works like, collection of fees, admission procedure, certificates issuing, internal mark calculation, scholarships, accounts, GR, I card, data record, are successfully done by office. The important notices and information are communicated to each student by SMS.
- The Prayer is done through Public Announcement System in every classes and laboratories daily. The important information and instructions are announced by this system very easily.
- To maintain punctuality in lectures and examination time, the electric bell is rung automatically by School Bell Machine installed in Central Library.
- Bio-metrics system is introduced for the presence of the employees to maintain regularity.
- The installation of CCTV cameras has made the task of observing the academic activity very easy and the system also ensures the protection of the students and staff against any untoward incident.
- Students and parents are invited to give their suggestions, feedbacks and comments through college web-site. Admission forms and other administrative forms are available on the college website and students can fill up its online.

Academic Innovations

- There are 13 internet nodes from which about 114 Computers can be connected for internet surfing.
- The **Central Library** of the college is fully computerized and with internet facility. Teachers /students can access books from six (06) places. Separate research section is developed for reference work.
- **Poor Boys' Library** provides free books and study-materials to economically backward students.
- Library up-gradation with increase in number of subjective reference books, e-books, research journals, periodicals, newsletters. Collaboration with N-list is made for the benefit of the research students of the respective subject.
- In **Career Guidance Center**, LAN, internet connection, printer, photocopier facilities are available for the students.
- The computers –internet facility is also available in 02 (two) **Girls Rooms** for girl students.
- College covered with Wi-Fi internet system so students and staff access internet in any place of the college.
- All the departments are provided the facilities of Laptops and internet in their respective staffrooms.
- The **Research Laboratory** of Chemistry is facilitated with four (04) computers, printers, internet and subjective / instrumental software facilities.
- The **Digital Educational Learning Laboratory (DELL)** established with the help of state Government is facilitated with 25 computers, LAN, internet and spoken English software (GLOBARINA).
- The **Mathematics Computer Laboratory** is developed under CPE scheme having the facility of one (01) server, thirty (30) computers in LAN with MATLAB and Mathematica software.
- Four (04) **Audio Visual Class Rooms** which are connected through satellite for live telecast SANDHAN initiated by KCG, State Government.
- The **Virtual Class Room** developed under the CPE scheme from where the live telecast of the lecture can be viewed from various academic institutions outside the college by video conference system.
- The well-equipped **Examination Room** having facilities of the two (02) computers, photocopiers, printer, ADF scanner, internet, OMR Reader software. The examination and evaluation process are became easier by these facilities.
- Unit-test ,Seminars and Assignments have brought positive results .

- Special faculty/students development programmes are undertaken by institution under the CPE scheme.
- Expert lectures are arranged to enrich subjective, spiritual and social strength of staff and students.
- Information regarding the various schemes for SC,ST, OBC, female and other type of scholarship scheme are displayed on the notice board and office provide total support to get this benefit for needy students.
- To act as a bridge between academia and society number of co-curricular and cultural activities organized by NSS, NCC, YRC, Sports, with cooperation of GOs NOGs.
- To meet the need of industry, instrumental training programmes are regularly organized to develop practical skills. To meet the need of industry, instrumental training programmes are regularly organized to develop practical skills.
- A Research Facility has been set up in the college to assist research activities. Sophisticated instruments like FTIR, HPLC, AAS, Digital Balance, etc., for Chemistry research laboratory while instruments like BOD Incubator, Video Imaging System etc., for Biology research laboratory are purchased during last two years under CPE Scheme.

7.3 Best Practices

7.3.1 Elaborate on any two best practices as per the annexed format

BEST PRACTICE - 1

Title : Social Responsibility Programmes (SRP)

Goals

- The institution has voluntarily been yoked with the responsibility of social progress.
- To establish social responsibility among the staff and the students.
- To fabricate programmers for social awareness.
- To arouse the qualities like leadership, unity and self-confidence.
- To inspire students to blossom various skills.
- To make the students potential for learning and earning.
- To make the students aware of equal chances and woman empowerment.
- To apply academic assets of institution for social progress.

- To co-operate actively in Government's social welfare programmes.

The institution is consciously aware of social responsibility. In order to meet abovementioned goal, the institution forms various programmes, among which, the following two are salient:

- (1) **Soil-Health Card Programme.**
- (2) **Drama for Development (D4D)**

1. Soil Health Card Programme

The Context

- ✚ More than 65 % of the people of our nation have directly been engaged with agriculture, nevertheless, agriculture contribution in National Income is comparatively 15% less. In agricultural progress of India, the application of technological and scientific innovations have brought a plenty of changes, and thus, made a notable contribution in agricultural field.
- ✚ To increase agricultural productivity, it becomes highly necessary for a farmer to know the soil elements of his farm before farming. The fertility and productivity depend upon inherent soil elements. If the farmer comes to know the proportion of important soil elements (N, K and P) present in soil and the conductance & pH of soil, he can easily comes to know which crop and how much fertilizer his land will require. Such a knowledge will lead the farmer to a large productivity of crops. With a view to making the farmer aware of abovementioned fact, the Government authorities of Gujarat have stirred an ambitious project to provide a **Soil Health Card** to each farmer of all over Gujarat.
- ✚ The task of providing a Soil Health Card was rather huge and tiring. Moreover, the State Government didn't have such a big infrastructure for agricultural research. In order to achieve this huge task of project in time, the State Government authorities handed over this project to the science colleges of Gujarat, because sample tests in such an enormous quantity were not possible at incomplete laboratories for agricultural research in Gujarat, and therefore, it was decided to get this task done by teachers and students of various science colleges of Gujarat and all the colleges accepted it. Accordingly, for last three years, the task of soil test & analysis is smoothly and successfully going on in Chemistry Department of our institution.

The Practice

- ✚ For this prolonged mission of Agricultural Development and for the programme of providing Soil Health Card to each farmer, the authorities of the State Government employed Gram Sevaks and some local agencies to collect soil samples.
- ✚ On scientific basis, these collected samples were labeled and sent to our laboratory for testing.

- ✚ The authorities of the State Government allotted the grant of Rs. 80/- per sample. This grant remained helpful to our institution to purchase necessary equipments and chemicals. This task was performed with the help of the staff and students.
- ✚ The collected samples were labeled and their elements: Nitrogen, Phosphorus, Potassium, etc., were tested and analyzed. The pH and Conductance of the soil samples are also measured.
- ✚ Under the guidance of the Principal Dr. Sanjay S. Shah and the co-ordinator Dr. R.S. Dave, teams of students were formed. Each chemistry teachers was entrusted duties' of a team leader. Each team was allotted a particular duty. Through these teams, the soil samples were accurate by analyzed on the basis of scientific in formations.
- ✚ Thus, through accurate guidance, tiring labour of teams and teachers the following number of Soil Health Cards were prepared. Finance allotted to our institution and expenditure occurred during three years are as following.

✚ **Soil Health Card Project**

Sr. No.	Year of analysis	Samples	Revenue
1	2010-11	12990	Rs. 1000000/-
2	2011-12	5626	Rs. 337560/-
3	2012-13	9992	Rs. 599520/-

% of the Revenue to student	25 %
% of Revenue to Staff	25 %
% of Revenue to Institution	50 %

Evidence of Success

The first success of this programme, as we feel, is –we completed the analysis and testing of 28618 samples entrusted to our institution by the State Government authorities during three years. Thus, we successfully overcome the entrusted work and its philanthropic gain was enjoyed obviously by our institution, staff and students and by the society too.

Gain to Society:

- The farmers became properly equipped with the knowledge of soil elements. The purpose of Agricultural Development was served with the help of science and technology.

- Farmers followed soil elements before farming the crop and started using required fertilizers, seeds and pesticides.
- Agricultural productivity increased with economical gain.
- Scientific approach in agriculture aroused.
- Receipt of Soil Health Card made the farmer to consume fertilizers following the requirements. Misuse of pesticides prevented.

Gain to Institution.

- Institution feels satisfaction to maintain social responsibility.
- A novel image of the institution embodied in society.
- Relations between the institution and Government turned compact.
- The institution has been benefited with economical gain by which infrastructural facility fortified.
- The experience that the institution had undergone remained positive.

Gain to students:

- Students could make their knowledge applied and useful for society.
- The qualities like leadership unity and self-confidence blossomed in students.
- The students got a fair remuneration for this soil testing work. Thus, their labour remained fruitful.
- The students of this area have been connected with agriculture, hence this work remained lucrative to them. They also learnt how to put science and technology into agricultural practice.
- Not only that but they came to know regarding the soil elements.

Gain to Staff:

- Such an analytical work brought students and teachers closer, their relation were cherished.
- Theoretical knowledge turned into practical.
- “Some solid service had been rendered to institution and society” such a feeling was felt.
- Along with students, the staff also got a fair remuneration for such a work.
- Such a work conferred them a chance to prove their ability.

Problems Encountered and Resources Required

Problems/Challenges	Problems Encountered /Resolved
1. A Challenging Task: The samples, sent from the Govt. authorities, were so enormous in number that their rapid analysis was a great challenge.	In order to make this work easy, firstly proper labeling was done, secondly those samples were systematically classified and labeled. The whole work came to an end systematically and scientifically.
2. Hardships: While soil testing, we happened to use some hazardous and risky chemicals such as H ₂ SO ₄ .	The students employed in this task were aware and strictly warned. They were given hand gloves for safety purpose.
3. The students were untrained and didn't aware about such type of work.	The students were given training and visited at Government Agriculture Laboratory.
4. We had to overcome this work without harming the routine teaching work. In such a consideration it was a challenge.	Without violating the routine schedule of teaching on the part of teachers and students, this work was carried out after college hours and during the vacation period.

- **Resources Required :**

Physical Resources: Chemistry Laboratory, Glass wares, Chemicals, Equipments.

Human Resources : Principal, Coordinator, Teaching-Nonteaching Staff, Students.

2. Drama for Development (D4D)

Context

The activity of drama has a very significant role in social responsibility. Drama is a live art. Moreover it is an important means of mass communication. Drama is a very useful medium of presenting the social problems before the people in an interesting and effective way to make them aware of them. The activity of performing drama in our college is also carried out with the aforesaid purpose in mind. Having prepared the drama with the theme based on various very important social problems, it is performed at various places. We have been doing it for last twenty years.

The Practice

Drama for development is a campaign. The presentation of the social problems through drama is the live and entertaining part of education. The drama is

performed in various state level competitions of colleges and universities. Later on they are also presented in the surrounding villages and towns. Thus, the institution shoulders the responsibility of bringing awareness in the society.

- About 10 students participate in this activity every year. Five plays have been performed in the last five years based on various social problems.
- Shri Kartikey Bhatt, an Associate Professor of Economics and coordinator of Natya Dhara, is interested in writing and directing drama, He holds meetings with the students every year who are interested in drama. At that time the social problems and the problems of the state are discussed and they decide to perform a play on a particular and especially current problem.
- Despite their rural background and lack of proper training at school level, the participating students perform really well. They strive hard to present light and satirical plays in an interesting manner. They also spare time for rehearsals.
- One play is prepared after a practice of almost one and a half month and it is presented first in the youth festival held every year by the university and in various state level competitions. Then, it is performed in the surrounding villages and towns.
- Since the social set up of the area surrounding the college is very rigid and conventional, the girls are not allowed to participate in public programmes. In spite of that our college motivates them to participate to bring out their latent potentiality and talent. Thus, by presenting the plays in which the women have more significant roles than men and by providing them a very good platform for the all-round development of their personality and by inculcating self confidence in such girl students the institution does a great favour to the society.
- Looking at the theme of the plays performed during the last five years would give the notion how useful the performance is to the society in general. For example, to highlight the problem of migration from the villages to the cities the play named '**Halone Apda Malakma**' was presented, for the problem of poverty and criminalization '**Bozo**' was performed, to show the decreasing sensitivity of the society '**Bari Barna Vagarnu Makan**' was presented and to show the inherent human sentiments '**Chalne Apne Painsi Jaiye**' was successfully performed. About 5 to 7 boys and almost equal number of girls participated in these plays.
- These plays were performed at various places like Ahmedabad, Rajkot, Prantij, Vijapur, Unjha and in their surrounding places.
- These plays won many prizes in the state level competition. The prizes were for best writer of the play, best actor and best actress etc. The media also took the note on a wider scale.

Evidence of Success

Gain to the students

- Drama and other arts related to it flourished.
- The qualities of teamwork, confidence and planning developed in the students.
- They could establish recognition in the society.
- They came into contact with various people in the society and could create awareness about various problems and issues.
- The students who won prizes in the competition got certificates and were proud.
- The students of science, commerce and social science became familiar with art and it attributed to interdisciplinary approach.
- Among a few activities which are carried out jointly by the three faculties Science, Commerce and Arts, drama is one of them. Thus, it proves to be the best activity for the identity of the college.

Gain to the Society

- It got entertainment by the natural and God gifted talent of the students.
- Awareness regarding the social problems like abortion of girl foetus, urbanization poverty and criminalization and the insensitivity of the society could be created through the dramatic presentation of the same.
- Girls generally remain inactive in public matters here but this provides them a platform to come forward. This improves their status in the society.
- It is also a step in the direction of women empowerment and to enable them to avail of equal opportunities.
- Entertaining activities like drama are rare in this area so the performance of plays provides a good sort of healthy entertainment.

Gain to the Institution

- This activity of the institution is helpful in creating its identity in the society.
- It also gets monetary reward sometimes. The amount may be trivial but it's a great compliment in terms of achievement.
- By getting rank in the university level competitions the college got good name, fame and prestigious certificates.
- Performance of drama is the unique identity of Pilvai college.

Problems Encountered and Resources Required

- The art of drama is the mingling of all the arts in one. It's a powerful means of communication but it is not only difficult to prepare but also time consuming.

To carry out the task of rehearsal along with regular educational activity is a really challenging work but the institution has been successfully doing it for the last twenty years.

- The greatest hurdle in the activity of drama is that the students have to engross themselves and spare their invaluable time which sometimes affects their study adversely. But the professors of the college do a great favour to them by giving them special guidance whenever they require.
- As it requires a lot of rehearsal beforehand, students have to spare time. Therefore, the students and the concerned professor carry out activity of rehearsal on holidays and after the teaching schedule on working days so that their academic performance is not adversely affected.
- The dramas meant for social awareness present the problems of women, even in the theme also women have a significant and leading as well as inspirational role. So it is necessary that the girls participate in this activity with special interest and fervours. But it is difficult to inspire them for participation as they hail from such a conventional and rigid social and familial background. By convincing their parents and guardians we are able to get their consent for the same.
- Drama is an expensive activity. Keeping in mind the limited financial and infrastructural means simple dramas are prepared and are successfully presented despite the constraints just mentioned. Maintaining consistency in this activity is not only difficult but also a challenging task. We are proud that our institution has been able to do so for last twenty years.

- **Resources Require**

Economical & Physical Resources: Grant, Auditorium,

Human Resources : Mr K. S. Bhatt, Coordinator, Natyadhara and Students.

BEST PRACTICE - 2

Title : Swarnim Mahotsav (Golden Jubilee Celebration)

Goals :

- ✚ To enrich the credit of the institution and to impart it more vitality.
- ✚ To keep the Alumni's respect to institution active and alive.
- ✚ To accumulate necessary fund from economically healthy alumni and leading persons for the development of the institution.

- ✚ To get together the people linked with this institution and to seek their guidance and advice for positive activities of the institution.
- ✚ The institution wants to show gratitude towards the local society because its continuous cooperation has helped this institution to blossom itself. The institution wants its relations with local society more cherished and unbreakable.
- ✚ The institution decided to invite cordially some pillar like persons of the society in the celebration of Golden Jubilee celebration.
- ✚ To applaud the humble tribute of the donors, employees, students and well wishers who helped this institution to reach the completion of 50 years.
- ✚ To felicitate brilliant students who are, now, on height post and earns credit for the college.
- ✚ To publish a book “**Smarnika**” to preserve memory of Golden Jubilee Celebration.
- ✚ To encourage Donors to get availability of financial means for the development of the institution.
- ✚ To plan cultural and academic programmes throughout the year.

The Context

- ✚ Shri U.P. Arts, M.G.Panchal Science and Shri V.L.Shah Commerce College, Pilvai, run by Uttar Purva Uchcha Kelavani Mandal, it spent 50 years of its esteemed existence. This institution, begun in 1960 in rural area, fulfilling its mission and vision and has fortified a number of youths with higher education. Three generations of people of this area have acquired higher education through this institution A number of students of this institution have been enjoying a high and honourable position in present society.
- ✚ It was Dr. Sanjay Shah, the Principal of the institution, whose thought to celebrate the Golden Jubilee of the institution in a grand manner, was unanimously supported by the Management. It was decided to celebrate “**Swarnim Mahotsav**” (**Golden Jubilee Celebration**) through various activities throughout the year 2011.
- ✚ In this smooth and successful completion of 50 years, a great contribution of local society is notable. And in order to show the gratitude for the same, the college decided to celebrate Golden Jubilee. Moreover, the aim of such a grand celebration was also to cherish relations.

The Practice

- ✚ Through out the whole year, the whole Family of the institution – Management, Principal, teaching, non-teaching staff, students collectively and enthusiastically celebrated the **Swarnim Mahotsav** through various programmes.
- ✚ Firstly, for the virtual celebration of the **Swarnim Mahotsav**, the Management formed a **Coordination Committee**. This Committee appointed Mr. Shamajibhai

Gor, Member of Executive Body, as a convener and Dr. Sanjay Shah as a co-convener. With the guidance of convener and co-convener, the management thought over the whole vista of celebration of the **Swarnim Mahotsav**. The whole plan was worked out and for the whole fabrication of this programme, various committees were embodied and engaged them to work.

- ✚ Particular Committees consulted the alumni through personal references and advisement in dailies. Moreover, these committees consulted not only alumni but also the former employees of the institution and leading persons of the society too.
- ✚ On the auspicious day of 01-01-2011 the **Swarnim Mahotsav** proceeded on the vista of celebration in a splendid manner. In the cool nocturnal atmosphere the grand inauguration function took place in the presence of the respected Vice Chancellor Dr. Hemaxi Rao, Mr. Ajay Umat, Editor of the Daily Divya Bhaskar, trustees of the Mandal, and leading personalities of the society. This programme was teeming with alumni, current students, leading persons of society. On this occasion, the students presented a cultural programme and a comedy play “**Jalsa Kar Babu Jalsa Kar**” was staged.
- ✚ On the second phase of this Mahotsav, on the day of 01/02/2011 and 02/02/2011, “**Vasant Mahotsav**” took place. This programme was followed by Dance, Drama, Film songs events. The whole programme was teeming with a number of spectators.
- ✚ On 01-10-2011 “**Panchamrit**” programme was held. In the first phase of this programme, the inauguration of UGC Grant aided Ladies Hostel Building took place. Then in the memory of the donors of Swarnim Mahotsava “**A Swarnim Smark** is to be built, its holy foundation stone laying programme was held; in its connection donors were given a special honour. During this occasion, to bring an awareness regarding foeticide, college drama club performed a play “**A Village without girl.**” During this programme the donors were felicitated and respected by the institution. Moreover, more than 80 former employees of the institution were respected with a shawl and were endowed a memento for their esteemed service to this institution.
- ✚ On the ending phase of this grand **Swarnim Mahotsav**, on 31/12/2011 the basic donors of the institution and the Swarnim Mahotsav donors were felicitated and honoured. At night, spectators enjoyed a comic and thought provoking programme of “**LOK DAYRO**”
- ✚ On the day of 1/1/12, a congress of alumni was held which was presided over by the leading and well set youths. On this day, a splendid closing ceremony also took place. This programme was enthusiastically attended by Mrs. Anandiben Patel, Former Student of this institution and Revenue Minister now, M.L.A. Mr. Kantibhai Patel. The spectators then enjoyed a Musical party of **Lakhiya Brothers**.

Evidence of Success

- ✚ These benefits which were gained are the proof of our achievements. The benefits are as follows:

- During this series of programmes esteemed spectators enjoyed wonderful programmed.
- The celebration opened a new dimension for the society and led to the formation of a bond between the institute and society.
- Throughout the year the institute and the society worked together and the relation became stronger due to such a virtual programme.
- The institution let the former employees and donors show their gratefulness and institution through such programmes. These former employees and donors have always remained instilling reverence inspiring strength to the institution.
- Since 50 years, this institution has moulded successful fates of a number of students and therefore, this institution was showered with a plenty of donations. Throughout the year the institution received **Rs 90,00,000/-** as donations. It is obvious that this amount will utilized for development.
- The students were benefited by various Academic Programmes held during the year like - Seminars, Guest lectures, Workshops, etc.
- Various Ex-students, Social leaders benefited the institute economically. This led to the infrastructural development of the Institute.
- The students who took part in the functions were encouraged, felt proud and excited for the programmes.
- During the year Social Leaders gave lectures. Scholarly lectures were arranged. Workshops were arranged which benefited the students.
- The economic help to the institute also benefited the students in the infrastructural areas. The students also joined the celebrations with enthusiasm. They were provided a stage to display their skills & talents.
- The institute enhanced its library-laboratory facilities and provided scholarships to the students.
- People got the opportunity to meet and communicate with Social leaders, famous writers, political leaders, and other artists of different faculties.
- The institute honoured the people who donated for the institute, who toiled for the development and growth of the institute and the well wishers of the institute. Such people got social recognition and identity.
- What does the society expects from the institute and what is the role of a good institute in a society was the message given by the social leaders to the management of the institute. Now the institute is following their message in the same direction.
- The institute which was working for the last 50 years succeeded to establish a new identity in the society. The society took notice of the institute's works of the last 50 years.

- The institute got donations from the many donors. Due to this donations the infrastructure facilities of the institute were increased. Many intellectuals scholars, educationists came to share their knowledge and experience with the students and local people.

Problems Encountered and Resources Required

- ✚ Shri U.P Arts Commerce and Science college Pilvai decided to celebrate the year 2011 as the Golden Jubille year. It was decided to organize cultural and educational programmes, to publish a ' Souviner ', to set up the Golden Jubilee Memorial, etc.
- ✚ Though it was difficult to organise such programmes parallel with teaching, it became possible by the combined efforts of students and staff-members without affecting the daily routine of teaching. This was made possible by arranging the celebration on holidays and as night programmes.
- ✚ The institute has limited monetary resources The requirements of such resources was set up by the successful efforts of the workers of the institutes to get the donations. And not only for the celebration but also for the long term development of the institute the donations were available.
- ✚ It was not easy to bring social leaders, writers scholars and intellectuals to the institute. But due to the great efforts of Management, Principal and some faculties of the institutes it was made possible.
- ✚ It was a challenging job to contact and call former students and former employees of the institute. But due to the perfect planning and minute information as well as by the continuous contact with former students, the institute could carry out the programme to honour them.
- ✚ It was difficult to plan out the Golden Jubille programmes. Teamwork, planning and hard work of the employees of the institutes made fruitful and without help of event managers such hit programmes became successful.
- ✚ Media noticed the Golden Jubillee programmes positively. Thousands of people became witness of these programmes. Many great people came and praised the ititute for their contribution to the society. The institute got donations in millions which were utilized for the development of infrastructure. These programmes suggest that we have achieved our goal and we could minimize our problems and hardships. Our institute has achieved a respectable identity in the society. The society and the local people are benefited by the development of educational institute which is our real social responsibility.

Contact Details

Name of the Principal: Dr. Sanjay Sumantlal Shah

Name of the Institution: Shri U. P. Arts, M. G. Panchal Science and Shri V.L.Shah Commerce College, Pilvai

City: PILVAI

Pin Code: 382 850

Accredited Status: B Level (72.7 %)

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Evaluative Report of the Chemistry Department

1. **Name of the department : Chemistry**
2. **Year of Establishment : June 1960**
3. **Names of Programmes / Courses offered (UG, PG, Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

Programme	Semester/Year	Course Offered	
		Core Compulsory	Subject Elective
B. Sc.	Semester I	CC CH 101	SE CH 101 (Agricultural Chemistry)
	Semester II	CC CH 201	SE CH 201 (Medicinal Chemistry)
	Semester III	CC CH 301 CC CH 302	SE CH 301 (Environmental Pollution)
	Semester IV	CC CH 401 CC CH 402	SE CH 401 A (Name Reaction)
	T Y B Sc	Paper VI Paper VII Paper VIII Paper IX Paper X	Nil
M. Sc.	Semester I	CHN-401 CHN-402 CHN-403	CHN 404 A (Group Theory)
	Semester II	CHN-501 CHN-502 CHN-503	CHN 504 A (Spectroscopy&diffraction method)
	Semester III	CHN-601 CHN-602 CHN-603 (ORG.)	CHN 604 A (Organic Photochemistry)
	Semester IV	CHN-701 CHN-702 CHN-703 (ORG.)	CHN 704 B (Organic synthesis (II))
Ph.D.	Chemistry	Research Methodology	-

4. Names of Interdisciplinary courses and the departments/units involved

Class	Interdisciplinary Unit or topic involved	
	Title of topic/Unit/Course	Interdisciplinary Subject
B.Sc. Sem -I	Thermodynamics	Physics
B.Sc. Sem -II	Nuclear Chemistry Medicinal Chemistry	Physics Pharmacy
B.Sc. Sem- III	Wave mechanics Thermodynamics	Physics Physics
B.Sc. Sem- IV	Application of CFT Electro Chemistry	Physics Physics
T.Y.B.Sc.	Industrial Chemistry	Chemical Engineering
M.Sc. Sem-I	Spectroscopy & Diffraction Method	Physics
M.Sc. Sem- II	Spectroscopy & Diffraction Method	Physics
M.Sc. Sem- III	Environmental Chemistry	Zoology
M.Sc.Sem- IV	-	-
Ph.D.	Identification and biological activity evaluation of selected Compound	Microbiology

5. Annual/ semester/choice based credit system (programme wise):

- The semester system &CBCS are introduced at UG level in last academic year 2011-12. In the first & Second year of the programme, Semester and CBCS are applied, while in third year it apply in the next year.
- The Semester system & CBCS are introduced at PG Level since 2010-11.

6. Participation of the department in the courses offered by other departments: Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil

8. Details of courses/programmes discontinued (if any) with reasons : Nil

9. Number of Teaching posts

Designation	Sanctioned	Filled
Principal	01	01
Associate Professors	04	04
Asst. Professors	05	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prin.Dr.S.S.Shah	M.Sc.,Ph.D	Principal	Organic Chemistry	25	08
Dr. R.S.Dave	M.Sc.,B.Ed., Ph.D.	Associate Professor	Inorganic Chemistry	20	07
Dr.G. G. Barat	M.Sc.,Ph.D	Associate Professor	Organic Chemistry	17	---
Dr.K.N.Patel	M.Sc.,Ph.D	Associate Professor	Organic Chemistry	20	---
Dr. R.G.Parmar	M.Sc.,Ph.D.	Associate Professor	Organic Chemistry	15	---
Dr.G.R.Jani	M.Sc.,Ph.D.	Assistant Professor	Physical Chemistry	20	---
Dr.V.B.Modi	M.Sc.,B.Ed., Ph.D.	Assistant Professor	Inorganic Chemistry	02	---

11. List of senior visiting faculty :

- The list of visiting faculty in M.Sc. and vocational course Industrial Chemistry is as under

SrNo	Name of visiting faculty	Programme	Subject
1	Dr.S.V.Patel	M.Sc.	Physical chemistry
2	Dr.P.S.Patel	M.Sc.	Physical chemistry
3	Dr. V.P.Prajapati	M.Sc.	Organic chemistry
4	Dr. P.J.Vyas	M.Sc.	Inorganic chemistry
5	Dr. M.R.Mehta	M.Sc.	Inorganic chemistry
6	Dr. Z.F.Thakor	M.Sc.	Inorganic chemistry
7	Dr. Z.M.Ghadhawal	M.Sc.	Organic chemistry
8	Dr. S.S.Andher	M.Sc.	Organic chemistry
9	Kirit J.Darji	Vocational I.C.	Industrial Chemistry
10	Jignesh Patel	Vocational I.C.	Industrial Chemistry
11	Alpesh Patel	Vocational I.C.	Industrial Chemistry
12	Gunjan B.Dave	Vocational I.C.	Industrial Chemistry
13	Kirti Gauswami	Vocational I.C.	Industrial Chemistry

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

All the lectures and practical classes of the department are handled by our teachers by last two years.

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B Sc	254	06	43:1
	M Sc	57	05	12:1
2009-2010	B Sc	282	06	47:1
	M Sc	54	06	09:1
2010-2011	B Sc	317	07	46:1
	M Sc	61	06	10:1
2011-2012	B Sc	322	07	46:1
	M Sc	55	06	09:1
2012-2013	B Sc	463	07	67:1
	M Sc	63	06	11:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sr No	Designation of academic support staff	Sanctioned/ Required	Filled
1	Store Keeper	01	Nil
2	Laboratory Assistances	05	02
3	Gas Mechanics	01	01
4	Lab. Hamal/Peons	05	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	Prin.Dr.S.S.Shah	Principal	M.Sc.,Ph.D
2	Dr. R.S.Dave	Associate Professor	M.Sc.,B.Ed., Ph.D.
3	Dr.G. G. Barat	Associate Professor	M.Sc.,Ph.D
4	Dr.K.N.Patel	Associate Professor	M.Sc.,Ph.D
5	Dr. R.G.Parmar	Associate Professor	M.Sc.,Ph.D
6	Dr.G.R.Jani	Assistant Professor	M.Sc.,Ph.D
7	Dr.V.B.Modi	Assistant Professor	M.Sc.,B.Ed.,Ph.D

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No.	Name of Teacher	Minor/ Major	Title of Research Project	Funding Agency	Funds Rs.	Duration	Sanction No & Date
1	Dr.S.S.Shah (Chemistry)	Minor	Estimation of some anti deperesstant and anti convulsants drugs in biological fluids using LC/MS/MS techaniques.	U.G.C.	1,55,000	2009-2011	47-556/08 (WRO)
2	Dr.R.S.Dave (Chemistry)	Minor	Photochemical Studies of Alkylene dithiophosphate of Nickle(II) Containing Mono and Bidentate Nitrogen Donor Ligands.	U.G.C.	50,000	1999 - 2000	23-199/99 (WRO) Dt. 18-8-1999
3	Dr.K.S.Parikh & Dr.S.S.Shah (Chemistry).	Minor	Stdies in Complex Compounds of Transition and Lanthanide Metals.	U.G.C	35,000	2001 - 2002	23-238/2001 (WRO) Dt. 29-3-2001
4	Shri J.H.Parikh & Dr.K.S.Parikh (Chemistry)	Minor	Some Aspects of Water & Waste Water Treatement.	U.G.C	45,000	2002 - 03	47-58/2002 (WRO) Dt. 18-12-02
5	Dr.K.S.Parikh & Shri.K.J.Joshi (Chemistry)	Minor	A Green way of Protection against Corrosion of Mild Steel in Acid Medium.	U.G.C	50,000	2003 - 04	47-173/2002 (WRO) Dt. 18-12-2002
6	Dr.V.B.Modi	Minor	Synthesis and Biological Studies on 1-3-4 Oxadazole	U.G.C.	1,00,000	2013-15	23-264/12 (WRO) 25/02/13
7	Dr.G.G.Barat	Minor	Synthesis and invitro antimicrobial Studies of challom containing quinazoline4(3H)ones	U.G.C.	85,000	2013	47-296/12 (WRO) 25/02/2013
8	Dr.S.S.Shah	Minor	Studies on some biologically active phenone derivetives and their metal complexis	U.G.C.	2,00,000	2013	Applied
9	Dr.R.S.Dave (Chemistry)	Major	Removal of heavy metals from electroplating waste waters by Weakly acidic and Basic ion exchange resins and adsorption of waste dyes from dyeing house waste water by porous polymeric adsorbents.	U.G.C.	10,27000	2013-14	Applied

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

✚ Nil

18. Research Centre /facility recognized by the University

✚ Yes

The following faculties are recognized research guides of Concern University

Sr. No.	Name of recognized guide	University	No. of Ph.D. student awarded	No. of Ph.D. student Working
1	Prin.Dr.S.S.Shah	H.N.G.U.	09	02
2	Dr. R.S.Dave	H.N.G.U.	06	02
3	Dr.G. G. Barat	Pacific uni.	--	--
4	Dr.G.R.Jani	Pacific uni.	--	01

➤ Following research facilities are available in our department.

1. Two well equipped research laboratories.
2. Sophisticated equipment like FT-IR, AAS, HPLC, UV-VIS Spectrophotometer, Polarograph, etc.
3. Computer, Internet facilities, N-List, etc. facilities available
4. Separate research section in library containing back volumes, Journals, Thesis etc.

19. Publications:

- **Research Papers Published during last five years**

Sr No	Title	Journal	Year	Vol./Page
Dr. S.S. Shah				
1	2-Hydroxy-2-Iodo-4-n-Butoxy-5-Bromopropiophenone oxime as an Analytical Reagent for Copper(II).	Asian Journal of Chemistry	2008	Vol. 20, 6, 4185-4190.
2	Determination of quinapril and quinaprilate in human plasma by Ultraperformance liquid chromatography electrospray ionization mass spectrometry	Journal of Biomedical chromatography,	2008	Vol. 1-2
3	Development and Validation of a High Throughput and Robust LC-MS/MS with Electrospray Ionization Method for Simultaneous Quantitation of Diltiazem and its two Metabolites in Human Plasma: Application to a Bioequivalence Study	Journal of chromatography	2009	Vol. 877,791-798
4	Determination of Fenofibric acid in Human Plasma Ultra Performance Liquid Chromatography-Electrospray Ionization Mass Spectrometry : Applications to a Bioequivalence Study	Journal of Biomedical chromatography	2009	Vol.23 922-928
5	2-Hydroxy-4- Isobutoxy Acetophenone Oximes as Spectrophotometric Reagent for Manganese	International Journal of ChemTech	2009	Vol. 1(4), 868-872

		Research		
6	Spectrophotometric Determination of Cu(II) using 2-Hydroxy-4-n-Butoxy-5-Bromo Acetophenone Oxime	Asian J. Chem	2010	Vil. 22(3), 1717-1722
7	Improvisation in Pigmentory Properties of Quinacridone Pigment	International Journal of ChemTech Research	2010	Vol. 2(2), 1061-1065
8	Improvisation in Pigmentory Properties of Dioxazine Pigment	International Journal of ChemTech Research	2010	Vol. 2(2), 787-791
9	Solid-phase extraction and analysis of paroxetine in human plasma by ultra performance liquid chromatography–electrospray ionization mass spectrometry	Sanjay Shah, Mitesh Bhatt, and Shivprakash, Biomed. Chromatogr	2010	Vol. 24, 209–215
10	Development of a high-throughput method for the determination of ethosuximide in human plasma by plasma Liquid Chromatography mass spectrometry.	Sanjay Shah, Mitesh Bhatt, and Shivprakash, J. Chromatogr	2010	Vol. B, 878, 1605–1610
11	Development and Validation of amitriptyline and its metabolite in human plasma by plasma Liquid Chromatography tandem mass spectrometry and its application to a bioequivalence study	Sanjay Shah, Mitesh Bhatt, and Shivprakash, Biomed. Chromatogr	2010	Vol. 24: 1247–1254
12	Extractive Spectrophotometric Determination of Nickel(II) with 2-Hydroxy-4-n-Butoxy-5-Bromo Acetophenone Oxime	S.S.Shah and R.G.Parmar, Der Pharma Chemica,	2011	Vol. 3(1), 318-321
13	Rapid ultraperformance liquid chromatography-tandem mass spectrometry method for quantification of oxcarbazepine and its metabolite in human plasma.	Biomed. Chromatogr	2011	Vol. 25: 751–759
14	Spectrophotometric Determination Of Copper(Ii) Using 2-Hydroxy-4-Isobutoxy-5-Bromo Acetophenone Oxime (Hibbao)	Int. J. Chemtech Applications	2012	Vol. 1(1), 101-107
15	Synthesis, Thermal Behavior and Antimicrobial Activities of Polyether Based on 4,7-dichloro 6-nitroquinazoline	, International Journal of Polymeric Matirials	2012	Vol. 61, 437-447

Dr. R. S. Dave				
1	Photochemical And Photocatalytic Studies Of Cypermethrin Under UV Irradiation.	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(1), 152-158.
2	Physico - Chemical Analysis Of Drinking Water Of Nadiad (Kheda) Region (North Gujarat).	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(2), 157-162.
3	Status Of Fluoride In Ground Water Of Several Villages Of Modasa Taluka, North Gujarat For Drinkink Purpose.	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(2), 237-240.
4	Removal Of Copper Ions From Electroplating Waste Water By Weakly Basic Chelating Anion Exchange Resins: Dowex 50x4, Dowex 50x2 And Dowex M-4195.	Der Pharma Chemica, Scholar Research Library. ISSN 0975-413X	2010	Vol. 2(2), 327-335.
5	Removal Of Nickel From Electroplating Waste Water By Weakly Basic Chelating Anion Exchange Resins: Dowex 50x4, Dowex 50x2 And Dowex M-4195.	Journal Of Applied Science In Environmental Sanitation, Indonesia. ISSN 0126-2807	2011	Vol. 6(1): 39-44.
6	Photochemical And Photocatalytic Studies Of Thiram[3-(2,2- Chlorovinyl)- 2,2 Dimethyl Cychlopropane Carboxylic Acid] Under UV Irradiation.	Journal Of Ultra Chemistry . ISSN 0973 - 3450	2010	Vol. 6(1), 73-78.
7	Removal Of Ni(II) From Hydrometallurgy Effluent Of Gujarat State Region Using Dowex M-4195.	Journal Of Chemical Pharmaceutical Research, CODEN (USA). ISSN 0975-7384	2011	Vol. 3(3): 271-276.
8	Effect Of Inorganic Salts On Infiltration Rate Of Soils Of Several Parts Of Mehsana And Patan District Of North Gujarat.	Journal Of Chemical Pharmaceutical Research, CODEN (USA). ISSN 0975-7384	2011	Vol. 3(3): 835-841.
9	Adsorption Of Textile Dyes From Aques Solution With Porous Polymeric Adsorbent Duelite 171.	Journal Of Chemical Pharmaceutical Research, CODEN (USA).	2011	Vol. 3(3): 842-848.

		ISSN 0975-7384		
10	Studies On Infiltration Rate Saline-Alkali Soils Of Several Parts Of Mehsana And Patan District Of North Gujarat.	Journal Of Applied Technology In Environmental Sanitation, Indonesia. ISSN 2088-3218	2011	Vol. 1(1): 87- 92
11	Photochemical And Photocatalytic Studies Of Dichlorvos [2, 2' - Dichlorovinyl Dimethyl Phosphate] Under Uv irradiation.	Journal Of Applied Science In Environmental Sanitation, Indonesia. ISSN 0126-2807	2011	Vol. 6(4): 403-409.
12	Removal Of Nitrate From Drinking And Irrigation Water By Phisico Chemical Methods.	Res. J. Pharm. Biol. Chem. Sci. Hyderabad. Codenrjpbpp Chemical Abstract Service (USA). ISSN 0975-8585	2012	Vol. 3(4): 39-44.
13	Synthesis, Characterization And Antimicrobial Activities Of Substituted Tetrahydro Thieno [2, 3 – C] Pyridin – 2- Y1] Schiff Base Derivatives	Journal Of Applied Technology In Environmental Sanitation, Indonesia. ISSN 2088-3218	2012	Vol. 2(2): 109-114.
Dr. G. G. BARAT				
1	Synthesis And Antimicrobial Activity Of Pyrazolyl-Quinazolin-4(3h)-Ones.	Der Pharma Chemica	20/04/09	1(2):228-238
2	In Vitro Microbial Studies Of New Pyrazolylquinazolin-4(3h) Ones	J. Saudi.Chem. Soc.	10/11/09	14,157-164
3	Synthesis And Antimicrobial Activity Of 2-[2-(2,6-Dichloro Phenyl) Amino] Benzyl-3-(5-Substituted Phenyl-4,5-Dihydro-1H-Pyrazol-3yl Amino)-6,8-Dibromoquinazolin-4(3H) Ones	J. Young Pharmasists	12/05/10	2(2):173-182
4	Synthesis Of Chalcone Containing Pyrazolylquinazolin-4(3h) Ones And Their <i>Invitro</i> Microbial Studies.	Int. J. Chem. Sci.	02/02/10	8(2):1287-1300
5	Synthesis, Antibacterial And Antifungal Activity Of Pyrazolyl-Quinazolin-4(3h) One Derivatives.	Orbital Elec J. Chem.	21/05/10	2(3):248-262
6	In Vitro Evaluation Of Antibacterial And Antifungal Activity Of New Pyrazolyl-Quinazolin-4(3h) Ones.	Med. Chem. Res.	16/12/10	21:229-238

7	Synthesis And Invitro Anti-Microbial Evaluation Of Pyrazolin Quinazolin-4(3h) Ones.	Acta Poloniae Pharmaceutica Drug Reaserch	Revised	-
8	Synthesis And Antimicrobial Evalution Of Some New Pyrazolyl-Quinanzolin-4(3h) One Derivatives.	Turk J. Chememistry	Communi cated	-
9	Synthesis And Antimicrobial Activity Of Some Quinazolin-4(3h) Ones Containing Pyrazoline Moiety.	Bull. Korean Chem. Science	Communi cated	-
Dr. K. N. Patel				
1	“2-Hydroxy-4-N-Butoxy-5-Bromo Propiophenone Thiosemicarbazone As Spectrophotometric Reagent For Iron”	Asian Journal Of Chemistry	2009	22(4), 2805 – 2810
2	“New Spectrophotometric Method For Determination Of Cadmium”	E-Journal Of Chemistry	2009	6(S1), S496-S500
3	“Applicability 2-Hydroxy-4-N-Butoxy-5-Bromo Propiophenone Thiosemicarbazone As An Extractive Spectrophotometric Reagent For Manganese”	Ultra Chemistry	2009	5(2), 259-264
4	“2-Hydroxy-4-N-Butoxy-5-Bromopropiophenon Thiosemicarbazone As An Extractive Spectrophotometric Reagent For Nickel (II)”	International Journal Of Chem-Tech Research	2010	(2), pp 1090-1093
5	“2-Hydroxy-4-N-Butoxy-5-Bromoacetophenone Thiosemicarbazone As An Extractive Spectrophotometric Reagent For Nickel.	Orbital The Electronic Journal Of Chemistry ISSN 1984-6428	2010	2(4),341-346
Dr.R.G. Parmar				
1	Spectrophotometric Determination of Cu(II) using 2-Hydroxy-4n-butoxy-5-bromo Acetophenone Oxime	Asian Journal of Chemistry	2010	
2	Extractive spectrophotometric determination of Nickel(II) with 2-hydroxy-4n-butoxy-5-bromo Acetophenone Oxime	Der Pharma Chemica	2011	
3	Extraction And Spectrophotometric Determination Of Cobalt	International Journal of ChemTech Research	July-Sept 2011	
Dr.G.R. Jani				
1	Synthesis and Characterization of Biologically Active Metal Complexes of Comarin Derivatives.	International Journal of Chemical Sciences, Udaipur.	2008	6(4), 2028-2037

2	Preparation and Anti Microbial activity of S-triazine hydrazone of 7-Hydroxy Coumarin and their Metal Complexes.	E-journal of Chemistry, A.P.	2009	6(4),1228-1232.
3	Synthesis, Characterization and Antimicrobial activity of Metal Complexes of Hydrazone Derivatives of 8-Aceto-7-Hydroxy Coumarin.	ICAIJ (Inorganic Chemistry, An Indian Journal)	2009	4(4),122-125.
4	Determination of Stability Constant of Metal Complexes of Hydrazone derivative By Spectrophotometer	ICAIJ (Inorganic CHEMISTRY, An Indian Journal)	2009	4(3).133-135.
5	Spectrophotometric Study of Ferrous(II) and Ferrics(III) Metal Complexes.	Der Pharma Chemica.	2009	1(2),304-311.
6	Stability Constant of S-triazine hydrazones of 7-hydroxy coumarin and their metal complex by Spectrophotometer Part-I	Ultra Chemistry (Bhopal)	2009	5(3),333-336.
7	Stability Constant of S-triazine hydrazones of 7-hydroxy coumarin and their metal complex by Spectrophotometer Part-II	Ultra Chemistry (Bhopal)	2009	5(3),417-421.
8	Synthesis Characterization and Spectrophotometric Study of Fe (III) Complex with hydrazone	ICAIJ (Inorganic CHEMISTRY, An Indian Journal)	2009	4(4),194-196
9	Potentiometric Studies on Transition Metal Complexes of Substituted Derivative of Coumarin-Part 1	E-journal of Chemistry, A.P.	2009	6(4),1121-1124
10	Synthesis of Some Novel Metal Complexes of 4-Hydroxy Benzopyran-2-ones as an Antimicrobial Agent.	Journals of Sciences, Islamic Republic of IRAN.	2009	20(2),111-114
11	Photochemical Ligand Exchange Reaction Involving Sodium Nitro Prusside-Malonic Acid System.	International Journal of Chemical Sciences, Udaipur.	2009	7(3),1831-1840
12	Synthesis Characterization And PH Metric Study of Some Novel Metal Complexes,	International Journal of Chemical Sciences, Udaipur.	2009	7(3),2103-2107.
13	Pontentiometric Studies on Transition Metal complexes of Substituted derivatives of coumarin.	Res.J.Chem. Environment.	2009	13(1), 35-36
14	Synthesis and Antimicrobial activity of Coumarin derivatives metal complexes : An in vitro evaluation	Orbital, The electronics Journal of Chemistry	2009	1(2),183-192
15	Synthesis and Characterization of Biologically active Metal Complexes of Coumarin Derivatives.	International Journal of Chemical Sciences, Udaipur.	2009	6(4),2028-2037.

16	Synthesis and Spectrophotometric Studies of Metal(II) Complexes of Hydrazone Derivative.	International Journal of Chemical Sciences, Udaipur.	2010	8(1),139-145.
17	Determination of Stability Constant of Metal Complex of Triazino Derivative by Spectrophotometer	Alfa Universal, An International Journal of Chemistry.	2010	1(1), 37-42
18	Studies on Complexes of Chalcone with Cu(II),Ni(II),Co(II),and Mn(II) Metal ions.	Journal of Indian Chemical Society (Kolkatta)	2011	Vol-88,719-722

Dr.V.B.Modi

1	A Facile And Expeditious Approach For The Synthesis Of 2-Azetidinone Derivatives With Microbial Activity	Asian Journal of Biochemical and Pharmaceutical Research	2011	(Vol.1)612-620
2	Pyrazoline-Piperazine merged Compounds: Synthesis, spectral analysis and antibacterial evaluation	Journal of Chemical, Biological and Physical Sciences	2012	Vol.2No.2, 648-653
3	Synthesis and characterization of N-(4-(4-chlorophenyl)-6-(3,4-dimethylphenyl)pyrimidin-2-yl)-4-(2,6-diphenyl-4-thioxo-2H-1,3,5-oxadiazin-3(4H)-yl)benzenesulfonamide	Der Pharma Chemica	2012	(Voi.4)511-516
4	Synthesis Characterrization And Biological Evaluation of 2,6-diohenyl-3-(4-(3-Phenyl-[1,2,4]Triazolo[3,4-B][Thiadiazol-6-yl)Phenyl)-2H-1,3,5-Oxadiazine-4(3H)-Thione	Der Pharma Chemica	2012	Vol.4(2)639-646

- **Monograph**

Sr.No	Name of Book/Article	Name & Address of Publisher	Year	Remarks
Dr. S.S.SHAH				
1	Gujrati Vishwakosh Vol-13 1. Bunsen Burner 2. Benzyl Alcohol 3. Benzaldehyde 4. Benzoic Acid	Gujrati Vishwakosh Trust, Ahmedabad	2000	p 649 p 737 p 737-738 p 742-744

- **List of Books/Articles Published By Teacher**

Sr.No	Name of Book/Article	Name & Address of Publisher	Year	Remarks
Dr. S.S.SHAH				
1	Nirav College Chemistry Paper 10, T.Y.B.Sc. Guj. Univ.	Nirav Prakashan, Ahmedabad	2008	Co-author
2	Nirav College Chemistry Paper 6, T.Y.B.Sc.Guj. Univ.	Nirav Prakashan, Ahmedabad	2008	Co-author
3	Nirav College Chemistry Paper 4, S.Y.B.Sc. Guj. Univ.	Nirav Prakashan, Ahmedabad	2010	Co-author
4	Nirav College Chemistry Paper 2, F.Y.B.Sc.Guj. Univ.	Nirav Prakashan, Ahmedabad	2010	Co-author
5	Nirav College Chemistry Paper 8, T.Y.B.Sc. Guj. Univ.	Nirav Prakashan, Ahmedabad	2010	Co-author
6	Nirav College Chemistry Paper 6, T.Y.B.Sc.Guj. Univ.	Nirav Prakashan, Ahmedabad	2010	Co-author
7	Nirav College Chemistry Paper 101, B.Sc. Sem I.	Nirav Prakashan, Ahmedabad	2011	Co-author
8	Nirav College Chemistry Paper , 201, B.Sc. Sem II.	Nirav Prakashan, Ahmedabad	2012	Co-author
9	Nirav College Chemistry Paper 8, 301, B.Sc. Sem III	Nirav Prakashan, Ahmedabad	2012	Co-author
Dr. K.N.Patel				
4	F.Y.B.Sc., Practical	Nirav Prakashan	2008	
5	S.Y.B.Sc., Practical	Sai Prakashan	2009	
6	M.Sc., Practical	Sai Prakashan	2009	
7	T.Y.B.Sc., Practical	Sai Prakashan	2010	
8	B. Sc. Sem-1	Nirav Prakashan	2011	
9	B. Sc. Sem-1 Practical	Nirav Prakashan	2011	
10	B. Sc. Sem-3 Paper-1	Nirav Prakashan	2012	
11	B. Sc. Sem-3 Practical	Nirav Prakashan	2012	

20. Areas of consultancy and income generated :

Soil testing Programme run by Gujarat government

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Sr No.	Name of Faculty	Name of Journal	Designation
1	Pri.Dr.S.S.Shah	International Journal of chemistry research	Editorial board member
2	Dr.R.S.Dave	International Journal of applied Technology in environmental sanitation Indonesia	As a reviewer
		IC Scientist Pannel Index-Coper Nicus-Germany	IC Scientist
		American Chemical Society-USA	Annual Member
		Journals and Club Co. International research journal, Ahmedabad	Executive Editorial Board Member
3	Dr. G.R.Jani	Indian Chemical Society-Kolkata	F-4294
		Journals and Club Co. International research journal, Ahmedabad	Executive Editorial Board Member

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

No.	Year	M.Sc-I	M.Sc.II	Total No. of Project
1	2006-2007	36	28	64
2	2007-2008	30	26	56
3	2008-2009	30	28	58
4	2009-2010	30	30	60
5	2010-2011	28	23	51
6	2011-2012	33	23	56
7	2012-2013	25	34	59

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: --Nil---

23. Awards/ Recognitions received by faculty and students:

Best of Oral Presentation

Name of Teacher	Conferance	Research Paper	Award
(1) Dr.G.R.Jani	Contemporary Developments at Biotech Bioinformatics Interface	Studies on Complexes of Chalcone with Cu(II), Ni(II),Co(II) and Mn(II) Metal ions.	1 st Prize
(2) Dr. R.G.Parmar	Contemporary Developments at Biotech Bioinformatics Interface	Extraction and Spectrophotometric Determanation of Cobalt	2 nd Prize

(3) Dr.V.B.Modi	Contemporary Developments at Biotech Bioinformatics Interface	Removal of Nickel and Copper from Electroplating Waste Water by Weakly Basic Chelating Anion Exchange Resins	2 nd Prize
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24. List of eminent academicians and scientists/ visitors to the department

Nil

25. Seminars/ Conferences/Workshops organized & the source of funding

(a) State level: 03

(b) National: --- Nil---

(c) International: --- Nil---

No.	Title of Seminar (Name of Expert)	Sponsored by	Date	No. of Participant
1	Applications of Spectroscopy technique in chemistry (i) Dr.D.I.Bhrahmbhatt (ii) Dr.Bhavesh Dasandi (iii) Dr. K.K.Desai	UGC	23-02-2010	Teachers- 110 Students- 116
2	The Role of chemists in industry and research (i) Pri. K.S.Parikh (ii) Shri Ankur Dwivedi (iii) Shri Mayur Panchal	UGC (IYC)	31-12-2011	Teachers- 57 Students- 56
3	Work shop: Session-I (1) Application of spectroscopy in analytical chemistry Dr. M.C.Patel (2) Application of spectroscopy in industries Pri. S.S.Shah Session-II (1) Polarography Dr. K.N.Patel (2) UV-VIS spectrophotometer Shri G.B.Dave (3) Colorimeter Dr. R.G.Parmar (4) Karl-Fisher auto triter Dr.G.G.Barat	UGC-CPE	18-01-2011	Students- 41

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage %	No. of First class
			*M	*F	Total			
Batch 1 : From 2006-07 to 2008-09								
B.Sc.	76	76	66	10	76	39	100.00	26
M.Sc.	36	36	29	07	36	30	93.33	06
Batch 2 : From 2007-08 to 2009-10								
B.Sc.	160	160	136	24	160	69	98.55	48
M.Sc.	30	30	26	04	30	31	96.77	12
Batch 3 : From 2008-09 to 2010-11								
B.Sc.	140	140	115	25	140	78	94.87	54
M.Sc.	31	31	23	08	31	28	75.00	-
Batch 4 : From 2009-10 to 2011-12								
B.Sc.	123	123	99	24	123	78	89.74	17
M.Sc.	26	26	13	01	14	14	100.00	07

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B Sc	100	Nil	Nil
M Sc	100	Nil	Nil
Ph D	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

No such records are maintained by our department.

29. Student progression

Student progression	Against % enrolled
UG to PG/Higher Edu	100
PG to M.Phil.	
PG to Ph.D.	25
Ph.D. to Post-Doctoral	--

Student progression	Against % enrolled
Employed	100
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	100

30. Details of Infrastructural facilities

a) Library :

No. of Books: 3709

No. of Journals: 07

No. of periodical: 04

Back volumes: 130

CDs: 26

Videos: 06

b) Internet facilities for Staff & Students : Yes

c) Class rooms with ICT facility: Yes

d) Laboratories: 05

Research laboratories: 02

31. Number of students receiving financial assistance from college, university, government or other agencies.

Programme	Financial assistance for the year				
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
B.Sc.	12(SC) 01(ST) 14(Baxi)	08(SC) 12(Baxi)	04 (SC) 07(Baxi)	02 (SC) 30 (Baxi)	08(SC) 01(ST) 32(Baxi)
M.Sc.	04(SC)	01(SC) 01(Baxi)	01(SC)	01(SC)	04(SC) 01(ST)

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

List of guest lectures

Sr. No.	Name of guest lecturer	Date	Topic	No. of benefited student
1	Shri M.T.Machhar	15-10-2010	Chemical kinetics	38
2	Dr.Mayank Mehta	15-10-2010	NET/SLET	80
3	Dr.S.V.Patel	18-10-2010	Thermodynamics	65
4	Dr.D.R.Fudani	18-10-2010	Co-ordination chemistry	74
5	Dr.M.C.Patel	18-10-2010	Analytical instrumentation	54
6	Dr.Kartik Vyas	01-01-2011	Photochemistry	47
7	Dr.Mayank mehta	10-01-2011	Chemical bonding	37

8	Dr.K.M.Joshi	20-01-2011	Wide use of lastics:Protection of environment	126
9	Dr.P.J.Vyas	15-10-2011	Chemical bonding	38
10	Dr.V.M.Barot	20-10-2011	Streochemistry	52
11	Dr.P.M.Dave	22-09-2012	Industrial challenges and opportunity	102
12	Prin.Kishor Pandya	18-10-2010	Vitamins	34
13	Dr.S.V.Patel	18-10-2010	Thermodynamics	25

Workshops

Sr No.	Title	Duration	Name of expert	Benefited students	Expenditure (CPE)
1	Pathology testing workshop	28-03-2011 to 30-03-2011	Smt.Bhartiben patel	21	4095/-
2	Pathology testing and diseases awareness workshop	27-02-2013 to 28-02-2013	Smt.Bhartiben patel	40	10065/-

➤ Our department celebrates teacher's day every year.

33. Teaching methods adopted to improve student learning

- Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none"> • PPT presentation through Audio-Visual aids • Animation Videos of Subjects • OHP • Models • Charts • Live & recorded video lecturers of SANDHAN 	<ul style="list-style-type: none"> • Demonstration of Practical • Assignments • Seminars • Workshops • Group Discussions • Active participation through Question-Answering • Unit Tests, Surprised Tests • Quiz
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- We run Community Science Centre
- We have successfully run Soil Health Card Programme of State Government
- Dr S S Shah is a State co-ordinator in Chemistry of SANDHAN.
- Prin. S.S.Shah - Food adultration
 - Green House effect
 - Ozone Splitting

- Dr. R.G.Parmar – Swain flu

35. SWOC analysis of the department and Future plans

1 Strength of department-

- Well qualified and experienced staff (All teachers are Ph.D. among them four are research guide).
- Our department imparts educations from U.G. to Ph.D.
- Very good research publications in national and international journals.
- MOU/Collaborations with academic institutes and industries.

2 Weakness of department-

- Insufficient teaching and non-teaching staff.
- Insufficient facilities of transportation for students.
- Lack of fluency in speaking English.

3 Opportunity-

- To established consultancy services with industry.
- Bright opportunities of placement for students.
- To enhance the interdisciplinary approach among faculty.
- To developed and run the short term programmed for skill development and career orientation.
- Bright opportunities of getting a patent of the research work.

4 Challenges-

- Continuously increasing strength of the students.
- Educationally weak students having rural background.
- Enhance the interdisciplinary approach.

Future plans:

- To improve very good command and fluency on speaking English.
- To do more MOUs.
- To increase consultancy.
- To add more sophisticated instruments in the research lab.
- To subscribe more research journals & e-journals.

Highlights:

- High proportion of research
 - 40 Ph.D. students

- 05 research guide
- Above 300 research papers
- Student of the department are serving as principal/ associate professor/ assistant professor at various colleges of the state.
- Many no. of our students are on the key posts in industries and some of them are industrialists.
- Our alumni Smt. Anandiben Patel is active participated working as revenue minister of Gujarat State.
- Separated research laboratories consist sophisticated equipment like HPLC, FT-IR, AAS, UV-VIS Spectrophotometer etc.
- Most of teachers have delivered live lectures telecast by 'SANDHAN' initiated by KCG, Gujarat state.
- During last five years 120 conferences, seminars and workshops are attended and 68 research papers are presented by our department.
- Separate research facilities at central library.
- High proportions of faculties are associated with various academic and research bodies.
- 05 Minor research projects have been undertaken while 02 are going on.
- Higher results with compare to university results.

Evaluative Report of the Mathematics Department

1. Name of the department : **Mathematics**
2. Year of Establishment : **June 1960**
3. Names of Programmes/ Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/Year	Course Offered	
		Core Compulsory	Subject Elective
B. Sc.	Semester I	CC MAT 111	SE MAT 35 (Business Mathematics -1)
	Semester II	CC MAT 122	SE MAT 36 (Business Mathematics-2)
	Semester III	CC MAT 301 CC MAT 302	Nil
	Semester IV	CC MAT 401 CC MAT 402	Nil
	T Y B Sc	Paper VI Paper VII Paper VIII Paper IX Paper X	Nil

4. Names of Interdisciplinary courses and the departments/units involved: **NIL**
5. Annual/ semester/choice based credit system (programme wise):
For graduate level semester system and choice based credit system are introduced from the academic year 2011-12. In T. Y. B. Sc. annual system is ongoing.
6. Participation of the department in the courses offered by other departments: **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :**NIL**
8. Details of courses/programmes discontinued (if any) with reasons :
Revised syllabus of T.Y.B.Sc. is effected from June 2005-06. 'Programming in C with ANSI features' has been taught as a optional paper. Then by the demand of student & for the objective that students are expected to familiarize their self with popular software of mathematics, department has started 'The Computational Mathematics Laboratory' since 2006-2007.
9. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Asst. Professors	03	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Pro. N. V. Patel	M.Sc., B. Ed.	Associate Professor	Pure Mathematics	17	-
Pro. M. P. Arvadia	M.Sc., B. Ed.	Assistant Professor	Pure Mathematics	17	-
Pro. K. A. Patel	M.Sc., B. Ed.	Assistant Professor	Pure Mathematics	17	-

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

No, All lectures are delivered by permanent faculty members.

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B Sc	68	01	68:1
2009-10	B Sc	86	03	29:1
2010-11	B Sc	161	03	54:1
2011-12	B Sc	166	03	55:1
2012-13	B Sc	220	03	73:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications	Remark
1	Pro. N. V. Patel	Associate Professor	M.Sc., B. Ed.	
2	Pro. M. P. Arvadia	Assistant Professor	M.Sc., B. Ed.	Ph.D. (On going)
3	Pro. K. A. Patel	Assistant Professor	M.Sc., B. Ed.	Ph.D. (On going)

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Sr. No.	Name of Faculty	UGC Sponsored Minor Research Project/ No.	Amount Rs.	Date of Starting	Date of Submission
1	Pro. K A.Patel	Minor/ 23-1767/10(WRO)	70,000/-	15/10/2010	15/10/2012

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: NA

19. Publications:

* Publication per faculty

(1) K. A. Patel:

Sr No	Title	Journal	Year	Vol./ Page	Impact Factor
1	A Laplace Transformation Solution In Miscible Fluid Flow Through Porous Media	Journal of SCI-TECH Research	2010	1	
2	The Solution of One Dimensional Vertical Ground Water Recharge through Porous Media By Laplace Transformation Technique'	International Journal of UAltra Scientific of Mathematics	2010	22(1) 345-351	
3	Optimizing inventory and marketing policy for non-instantaneous deteriorating items with generalized type deteriorating and holding cost rates.	"Omega" The International Journal of Management Science. (ELSEVIER)	April 2013	41(2) 421-430	3.338
4	A Production Inventory Model with Flexibility and Reliability Under m_λ measure.	International Journal of Inventory Control And Management.	Dec-2011	ISSN: 0975-3729 Vol.1 pp-69-93	
5	Optimal Strategy for an Integrated Inventory System Involving Variable Production and Defective Items under Retailer Partial Trade Credit Policy.	Science Direct (ELSEVIER) Decision Support Systems.	2012	54, 2012, 235 – 247. ISSN: 0305-0483	1.687
6	Optimal pricing and inventory policies for non-instantaneous deteriorating items with permissible delay in payment: Fuzzy expected value model	International Journal of Industrial Engineering Computations	2012	3, 2012, 281 – 300. ISSN: 1923-2926.	
7	A fuzzy production inventory model with imprecise production and fuzzy production time under m_λ – measure	International Journal of Mathematics and Computation	2013	18(1), 2013, 67 – 84. ISSN: 0974-570X	
8	Continuous review inventory model with reducing lost sales rate under fuzzy stochastic demand and variable lead time	International Journal of Procurement Management		ISSN: 1753-8432	
9	Optimal policies for integrated inventory system under fuzzy random framework	International Journal of Advanced Manufacturing Technology		ISSN: 0268-3768	1.103
10	Coordinating marketing and inventory policies for non-instantaneous deteriorating items with partial backlogging	Journal of SCI-TECH Research	Under Publication		

*** Book published by**

(1) N. V. Patel

Sr. No.	Name of Book/Article	Name & Address of Publisher	Year	ISBN
1	Nirav college mathematics-1	Nirav publication	2003	
2	Nirav college Mathematics semester-1	Nirav publication	2012	978-93-82514-19-0
3	Nirav college Mathematics semester-2	Nirav publication	2012-13	978-93-82514-40-4

(2) K.A.PATEL

Sr. No	Name of Book/Article	Name & Address of Publisher	Year	ISBN
1	Nirav college mathematics	Nirav publication	2012-13	978-93-82514-40-4

20. Areas of consultancy and income generated: Nil

21. Faculty as members in :

(1) National committees b) International Committees c) Editorial Boards...

- **N.V. Patel: Organizing secretary** in UGC & GUJCOST sponsored National conference on Advances of Mathematical Sciences, 2012
- **M.P. Arvadia: Joint secretary** in UGC & GUJCOST sponsored National conference on Advances of Mathematical Sciences, 2012.
- **K. A. Patel: Convener** in UGC & GUJCOST sponsored National conference on Advances of Mathematical Sciences, 2012.

22. Student projects :NIL

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23.Awards/ Recognitions received by faculty and students:

Result of toppers Students in University exam.

Year	Name of the students	Class	Rank in Uni. Exam
2008-09	Patel Hinal S.	S.Y.B.Sc.	Twelfth
	Khanusiya Mahammadali M.	F.Y.B.Sc.	First
	Chauhan Brijesh H.	F.Y.B.Sc.	Eighth
	Chauhan Vishal B.	F.Y.B.Sc.	Tenth
	Patel Hetal V.	F.Y.B.Sc.	Thirteenth
2009-10	Patel Maulik D.	F.Y.B.Sc.	Twelfth
	Patel Hinal S.	T.Y.B.Sc.	Sixth

After then University has stopped to declar the list of toppers in University Exam

24. List of eminent academicians and scientists/ visitors to the department

No.	Date	Name of expert	Institute
1	23/1/2012	Pro. N. R. Rogeliya	M. G. Science Institute, Ahmadabad
2	3/10/2012	Pro. N. R. Rogeliya	M. G. Science Institute, Ahmedabad

25. Seminars/ Conferences/Workshops organized & the source of funding :

National Conference on Advances of Mathematical Sciences is held on 7-8, December, 2012, funded by UGC, GUJCOST & DST.

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass %	First class
			*M	*F	Total			
Batch 1 : From 2006-07 to 2008-09								
B. Sc	40	40	38	02	40	05	100	4
Batch 2 : From 2007-08 to 2009-10								
B. Sc.	59	59	54	05	59	04	100	4
Batch 3 : From 2008-09 to 2010-11								
B.Sc.	57	57	48	9	57	10	100	9
Batch 4 : From 2009-10 to 2011-12								
B.Sc.	69	69	57	12	69	23	91.3	20

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B Sc	100	Nil	Nil
M Sc	Nil	Nil	Nil
Ph D	Nil	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? :NIL

29. Student progression

Student progression	Against % enrolled			
	2008-09	2009-10	2010-11	2011-12
UG to PG/Higher Education	---	100	63.63%	41.66
Entrepreneurship/Self-Employment	100%	---	36.37	58.34

30. Details of Infrastructural facilities

a) Library:

Total no. books: 1951,

Total no of CD: 30,

Periodic: 2, Journal: 2

b) Internet facilities for Staff & Students: Yes

c) Class rooms with ICT facility: Yes

d) Laboratories: Computer laboratory with 30 computers

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

No.	Date	Programme	Title	Expert
1	14/09/2010	Work shop	MATLAB with various applications	Dr. Hardik Soni
2	18/01/2011	Work shop	Web Design	Dr.P.V.Virparia
			Application of XL and Google Search	Prof.Nisarg Pathak
3	23/01/2012	Special Lectures	Basic concept of abstract algebra	Dr.R.L.Bhilla
4	3/10/2012	Special Lectures	Cyclic group and its applications.	Dr .R.L.Bhilla

33.Teaching methods adopted to improve student learning

Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none">• PPT presentation through Audio-Visual aids• Animation Videos of Subjects• OHP• Models• Charts• Live & recorded video lectures of SANDHAN	<ul style="list-style-type: none">• Assignments• Seminars• Workshops• Group Discussions• Active participation through Question-Answering• Unit Tests, Surprised Tests• Quiz
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34.Participation in Institutional Social Responsibility (ISR) and Extension activities:

N.V.Patel:

* president of 'Mahila Sanskar Sanskruti Club'started by NSS.

No.	Date	Title	Name of guest
1	14/02/2012	'Art Of Living'	Shailesh Pandya
2	14/02/2013	'Let woman be a leader Let woman be fearless'	Dr.Jagruti Patel Yamini ben

*president of 'Science Society'

* delivered a lecture on "Save a Girl child" at NSS camp , Himatnagar.

35. SWOC analysis of the department and Future plans

1 Strength of department

Department has

- (a) a computer laboratory equipped with
 - 30 computers
 - Internet facilities
 - MATLAB software with latest license version.
- (b) Well experienced staff, like two members is in board of study, all the members is author & co-author of books, gave lectures in 'sandhan'.
- (c) Students got best performance in the 'University Exam'

2 Weakness of department

- More staff members are required (Assis. Prof., Computer operator and peon)
- More software of mathematics like –Maple, Mathematica are required
- Students cannot select the subject of their choice due to some limitations

3 Opportunity

- Students can preparing for competitive examinations like NET, SET, GATE, Banking etc. under the guidance of Professors and by use of well equipped library, internet facilities.
- The knowledge of mathematical software can useful in real life problems, business, Industries.

4 Challenges

- The strength of students is increasing day by day.
- Due to subject up gradation, the faculty member have to be prepare

Future plans:

- We are planning to start mathematics at P.G. level.
- To purchase some educational software.

Evaluative Report of the Biology Department

1. Name of the department : **Biology**
2. Year of Establishment : **June 1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/ Year	Course Offered	
		Core Compulsory	Subject Elective
B. Sc.	Semester I	CC BOT 111 CC ZOO 111	ES BOT 113 (Horticulture) ES ZOO (Animal diversity)
	Semester II	CC BOT 122 CC ZOO 122	ES BOT 111 (Plant Tissue Culture) ES ZOO 42 (Human health & Diseases)
	Semester III	CC BOT 221	
	Semester IV	CC BOT 222	
Ph.D.	Botany, Zoology	Research Methodology	

4. Names of Interdisciplinary courses and the departments/units involved

Class	Interdisciplinary Unit or topic involved	
	Title of topic/Unit/Course	Interdisciplinary Subject
B.Sc. Sem -I	Environmental Biology	Life Science
B.Sc. Sem- IV	Biostatistics Bio Chemistry Biophysics	Mathematics/Statistics Chemistry Physics

5. Annual/ semester/choice based credit system (programme wise) :

- Semester system and Choice Based Credit System (CBCS) are introduced from the academic year 2011

6. Participation of the department in the courses offered by other departments: Nil

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/programmes discontinued (if any) with reasons: Nil

9. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Assistant Professors	02	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.H.M. Ant	M.Sc., Ph.D.	Associate Professor	Plant Taxonomy	17	04
Dr.C.A.Acharya	M.Sc., Ph.D.	Assistant Professor	Environmental Biology	20	10

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

No, All lectures are delivered by permanent faculty members.

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B.Sc.	83	02	41:1
2009-2010	B.Sc.	54	02	27:1
2010-2011	B.Sc.	73	03	24:1
2011-2012	B.Sc.	82	03	28:1
2012-2013	B.Sc.	122	02	61:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sr No	Designation of academic support staff	Sanctioned/ Required	Filled
1	Laboratory Assistances	01	Nil
2	Field/Plant Collector	01	Nil
3	Lab. Hamal/Peons	02	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	Dr. H. M. Ant	Associate Professor	M.Sc., Ph.D.
2	Dr. C. A. Acharya	Assistant Professor	M.Sc., Ph.D.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Sr No	Name of Faculty	Project	Amount & Funding agency
1	Dr. H. M. Ant	MRP	Rs 95000/- UGC
2	Dr. C. A. Acharya	MRP	Rs 190000/- UGC

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University:

Yes, Research facility is available

19. Publications:

* a) Publication per faculty

Dr. H. M. Ant

Sr No	Title of the paper	Journal	Year	Vol./Page
1	CURRING DISEASES BY HERBAL HOT FOMENTATION THERAPY IN THE RURAL AREA OF THE VAV TALUKA OF BANASKANTHA DISTRICT OF GUJARAT	Plant Archieves (International Journal of Plant Research)	2009	Vol.- 09, No. 02
2	A STUDY ON SPICES AND CONDIMENTS CULTIVATED IN NORTH GUJARAT	Life Sciences leaflets An International e-journal ISSN 0976-1098 Index value: 5.03	March 2011	Vol.-13, No. 414-416
3	STUDY OF PLANT DIVERSITY IN VADALI RANGE FOREST DISTRICT SABARKANTHA, NORTH GUJARAT, INDIA	Life Sciences leaflets An International ejournal ISSN 0976-1098 Index value: 5.03	1 st January 2012	1:32-43,2012
4	LIFE FORMS AND BIOLOGICAL SPECTRUM OF THE FLORA OF VADALI RANGE FOREST	Life Sciences leaflets An International ejournal ISSN 0976-1098 Index value: 5.03	1st April 2012	4:60-63,2012

Books Published

Sr. No.	Name of Book/Article	Name & Address of Publisher	Year	Remarks
1	Textbook of first year B.Sc.	Nirav Prakashan, Ahmedabad	June 2008	
2	Guide line for second year B.Sc.		June 2009	
3	Biodiversity and Systematic Botany	Lambert publication, Germany	March 2012	International Publication 978-3-8484-3702-3

4	Vanspatisastra B.Sc. Sem I&II	Nirav Prakashan, Ahmedabad	June - 2012	ISBN 93- 8251400-7
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Dr A R Modhvadia

Sr No	Title	Journal	Year	Vol./ Page
1	Study of some medicinal plants of Vijapur Taluka of Meshana district Gujarat India	Plant Archives	2008	08(02) pp. 719-721
2	Study of vascular systems and nodal structure in some members of family Solanaceae	Plant Archives	2008	08(02) pp. 741-745
3	Some ethno botanical useful mangroves in Diu (U.T.) India	Plant Archives	2009	09(01) pp. 221-225

Dr. C. A. Acharya

Sr No	Title	Journal	Year	Vol./Page
1	Guild classification for urban birds, The Asian Journal of Animal Science	The Asian Journal of Animal Science	2008	Vol.3 No. 1: (14-18)
2	Nest and nest contents of near threatened Black Headed Ibis (Threskiornis melanocephalus)	The Asian Journal of Animal Science	2009	Vol.4(2) (146-148)
3	First record on breeding chronology of Little Cormorant, Phalacrocorax niger in Visnagar, North Gujarat, The Asian Journal of Animal Science	The Asian Journal of Animal Science	2010	Vol 5(1), (17-19)
4	Primary investigation on plankton in a fresh water body at Visnagar, Gujarat The Asian Journal of Animal Science	The Asian Journal of Animal Science	June 2010	Vol 5(1), (81-84)
5	A comparative study of avifauna from two reservoirs in Kheda district, Gujarat, India	J. Aqua. Biol.	2010	25 (1) (41-45)
6	Sarus Crane in Chimanabai Sarovar, North Gujarat, June	ZOO'S Print	2010	Vol. 25 (6) (25)
7	Partial albinism in Black Ibis Pseudibis papillosa	Journal of BNHS	2011	Volume 107(1): (58-59)
8	First record: selection of an Electric pole a roosting site by Black Ibis Pseudibis papillosa	Journal of BNHS	2011	Volume 107(1):, (59)
9	Detemination of water quality index and suitability of a rural fress water body in Ghuma Village, Dist. Ahmedabad, Gujarat	Life Sciences Leaflets	Feb-2013	Volume-2: 67-68 ISSN-2277-4297

				(Print),0976-1098(online)
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Books Published

Sr. No.	Name of Book/Article	Name & Address of Publisher	Year	Remarks
1	Published about 4 articles in a special column 'Bird Diversity'	Daily news paper "Divya Bhaskar"	2009 – 2010	
2	Author of a Text Book of Biology (F.Y.B.Sc.)	Nirav Publication, Ahmedabad	2008	
3	Author the text book of std. 11 th Biology Sem - I	Text Book Board (Gujarat state)	2011	
4	Author the text book of std. 11 th Biology Sem – II	Text Book Board (Gujarat state)	2011	
5	Author the text book of std. 12 th Biology Sem – III	Text Book Board (Gujarat state)	2012	
6	Author the text book of std. 12 th Biology Sem – IV	Text Book Board (Gujarat state)	2012	
7	Author the Self excurses book of std. 11 th Biology Sem – II	Text Book Board (Gujarat state)	2012	
8	Author the Self excurses book of std. 12 th Biology Sem – III	Text Book Board (Gujarat state)	2012	
9	Author the Self excurses book of std. 12 th Biology Sem – IV	Text Book Board (Gujarat state)	2012	
10	Nirav College, Zoology (Sem - I)	Nirav Prakashan	2012	ISBN No. 93-8251401-5
11	Nirav College, Zoology (Sem - II)	Nirav Prakashan	2012	ISBN No.

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Dr. H. M. Ant

- Executive Committee member in UGC & GUJCOST(DST) Sponsored National conference in Mathematics, 2012.
- Advisory board member in International Conference on life science, 2011
- Editorial board member of "Life Science leaflet" an international e journal
- Life member of National Science Congress
- Life member of "Ethnobotany", International journal of the society of ethnobotanist.
- Life member of Advances in Plant Sciences, An international Journal
- Life member of Plant Archives, An international Journal

Dr. C. A. Acharya

- Executive Committee member in UGC & GUJCOST(DST) Sponsored National conference in Mathematics, 2012.
- Advisory board member in National Seminar of Birds.

- Member of editorial board International Journal of Animal Science.

22. Student projects : Nil

- a) Percentage of students who have done in-house projects including inter departmental/programme
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students:

- Dr. H. M. Ant: Guide ship of H.N.G. University and JJT University
 Dr. C. A. Acharya: Guide ship of H.N.G. University and Vikram University, Ujain

24. List of eminent academicians and scientists/ visitors to the department:

NIL

25. Seminars/ Conferences/Workshops organized & the source of funding: NIL

- a)National
- b)International

26. Student profile programme/course wise:

NA

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B Sc	100	Nil	Nil
Ph D	69	31	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

The department does not having such data.

29. Student progression:

NA

30. Details of Infrastructural facilities

- a) Library: No. of Books: **1171**
 No. of CD: **56**
 No. of Journals: **03**
 No. of Periodicals: **01**
- b) Internet facilities for Staff & Students: **Yes**
- c) Class rooms with ICT facility: **Yes**
- d) Laboratories: **Yes**

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sr. No.	Name	Designation	Date	Remarks
1	Dr. Rajesh Chaudhary	Assistant Professor	20-2-2010	Delivered expert lecture
2	Dr. B. L. Punjani	Dean, Science faculty, H.N.G., Uni. Patan	7-9-2010	Delivered expert lecture
3	Dr. N. B. Patel	Assistant Professor	6-2-2012	Delivered expert lecture

33. Teaching methods adopted to improve student learning

- Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none"> PPT presentation through Audio-Visual aids Animation Videos of Subjects OHP Models Charts Live & recorded video lectures of SANDHAN Demonstration of Practical 	<ul style="list-style-type: none"> Assignments Seminars Workshops Group Discussions Active participation through Question-Answering Unit Tests, Surprised Tests Quiz Study tour
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities

NCC (National Cadet Corps) activity runs by Lieutenant Dr. H. M. Ant.

35. SWOC analysis of the department and Future plans

1. Strength of department

- Department having qualified and experienced staff.
- Research facility available in Botany and Zoology subject.
- Staff members are author of various books and gave lecture in SANDHAN.
- Good library resources.
- Well equipped laboratory.

2. Weakness of department

- Botany and Zoology subjects runs as subsidiary subject.
- There are some limitations of choice of subjects for Students.
- English proficiency is poor.
- Lacking of staff.
- College is situated in rural area.

3. Opportunity

- The faculty members having Ph.D. guide ship therefore if Biology subject starts as principle subject the students are benefited.
- To develop Botanical garden and Medicinal garden.

4. Challenges

- Biology is a subject of field study so most of the practical bases on field work. But students are coming from the surrounding area and doing up down so they do not spent extra time for fieldwork.
- Due to subject up gradation the faculty members have to be aware.

Future plans:

- We are planning to start Botany subject as a Graduate level.
- Development of Research Laboratory
- Increase in Research activities

Evaluative Report of the Physics Department

1. Name of the department : **Physics**
2. Year of Establishment : **June 1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester	Course Offered	
		Core Compulsory	Subject Elective
B. Sc.	Semester I	CC: PHY- 101 PC: PHY- 101	-
	Semester II	CC: PHY- 201 PC: PHY- 201	-
	Semester III	CC: PHY- 301 CC: PHY- 302 PC: PHY- 301 PC: PHY- 302	-
	Semester IV	CC: PHY- 401 CC: PHY- 402 PC: PHY- 401 PC: PHY- 402	-

4. Names of Interdisciplinary courses and the departments/units involved

Class	Interdisciplinary Unit or topic involved	
	Title of topic/Unit/Course	Interdisciplinary Subject
B.Sc. Sem –I,II	Instrumentation Measurement & analysis Mathematical Physics	Engineering Mathematics
B.Sc. Sem -III,IV	Computer Programming Spectroscopy	Computer science Chemistry

5. Annual/ semester/choice based credit system (programme wise) :
 - Semester system and Choice Based Credit System (CBCS) are introduced from the academic year 2011
6. Participation of the department in the courses offered by other departments : **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
8. Details of courses/programmes discontinued (if any) with reasons : **NIL**
9. Number of teaching posts

Designation	Sanctioned/required	Filled
Professors	-	-
Associate Professors	4	3
Asst. Professors	-	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt/ Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Prof.H.M.Hinsu	M.Sc.	HOD & Associate Proffesor	Solid state Physics	25	-
Prof.S.B.Nayee	M.Sc., B.Ed.	Associate Proffesor	Physics	24	-
Dr.C.A.Patel	M.Sc.,B.Ed.,Ph.D.	Associate Proffesor	Physics	20	-

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty. Nil

13. Student -Teacher Ratio (programme wise)

Year	Programme	No. of Students of Department (X)	No. of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B. Sc.	179	3	60:1
2009-10	B. Sc.	160	3	54:1
2010-11	B. Sc.	218	3	73:1
2011-12	B. Sc.	213	3	71:1
2012-13	B. Sc.	224	3	75:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sr No	Designation of academic support staff	Sanctioned/ Required	Filled
1.	Laboratory Assistance	1	Nil
2.	Electrician	1	Nil
3	Lab. Hamal/Peons	1	Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	Prof.H.M.Hinsu	HOD & Asso.Prof.	M.Sc.
2	Prof.S.B.Nayee	Asso.Prof.	M.Sc., B.Ed.
3	Dr.C.A.Patel	Asso.Prof.	M.Sc., B.Ed., Ph.D.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received. Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University. Nil

19. Publications:

* a) Publication per faculty

* Number of papers published in peer reviewed journals (national / international) by faculty and students.

➤ List of Publication By Dr.C.A.Patel

Sr No.	Title	Journal	Year
1.	Temperature Dependent Transport And Barrier Properties Of DVT Grown Wse ₂ Crystals And Schottky Devices	PRAJNA_ Journal Of Pure And Applied Sciences, Vallabh Vidyanagar (Gujarat)	2010
2.	Structural And Thermoelectric Properties Of Tungsten Diselenide Crystals	American Institute of Physics, AIP Conference Proceedings	2011 (23-26 Feb.)
3.	Structural Characterization Of Tungsten Diselenide Single Crystal	International Journal Of Physics And Mathematical Sciences	2012

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :Nil

* Monographs. : Nil

* Chapter in Books. :

➤ Some chapters in Physics books of sem.-I, II & III of Bhautik Prakasan Modasa jointly written by (1) Prof.S.B.Nayee (2) Dr.C.A.Patel

Sr. No.	Name of Books	Name & Address of Publisher	Year	Remarks
1	Physics paper-1 F.Y.B.Sc.	Bhautik Prakashan, Modasa 8, Kedarnath society (S.K.- Gujarat)	July, 2009	Author
2	Physics paper-2 F.Y.B.Sc.	Bhautik Prakashan, Modasa 8, Kedarnath society (S.K.- Gujarat)	July, 2009	Author
3	Physics paper-3 S.Y.B.Sc.	Bhautik Prakashan, Modasa 8, Kedarnath society (S.K.- Gujarat)	July, 2010	Author
4	Physics paper-4 F.Y.B.Sc.	Bhautik Prakashan, Modasa 8, Kedarnath society (S.K.- Gujarat)	July, 2010	Reviewer
5	Physics paper-5 S.Y.B.Sc.	Bhautik Prakashan, Modasa 8, Kedarnath society (S.K.- Gujarat)	July, 2010	Reviewer

6	Physics-101 : Semester_1 F.Y.B.Sc.	Bhautik Prakashan,Modasa 8,Kedarnath society (S.K.- Gujarat)	July, 2011	Author
7	Physics : 201 Semester_2 F.Y.B.Sc	Bhautik Prakashan,Modasa 8,Kedarnath society (S.K.- Gujarat)	January, 2012	Author
8	Physics : 301& 302 Semester_3 S.Y.B.Sc	Bhautik Prakashan,Modasa 8,Kedarnath society (S.K.- Gujarat)	August, 2012	Author

20. Areas of consultancy and income generated. :Nil

21. Faculty as members in

a) National committees

- Prof. S.B.Nayee is member of Indian association of physics teachers (IAPT)

b) International Committees c) Editorial Boards.... Nil

22. Student projects: Nil

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students.

- Ph.D. awarded to Prof. C.A.Patel in August, 2010.

24. List of eminent academicians and scientists/ visitors to the department

Sr No	Name of visitors & address	Date	Topics of Lecture
1	Dr.C.G.Limbachia Science College, Kadi	28/07/10	Modern Physics
2	Dr. P.G.Acharya Maninagar Science College, Ahmedabad	07/09/12	Neno Technology

25. Seminars/ Conferences/Workshops organized & the source of funding: Nil

A) National

B) International

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
B.Sc.	40	40	38	02	40	-	-
Batch 2 : From 2007-08 to 2009-10							
B.Sc.	59	59	54	5	59	-	-
Batch 3 : From 2008-09 to 2010-11							
B.Sc.	57	57	48	09	57	-	-
Batch 4 : From 2009-10 to 2011-12							
B.Sc.	69	69	57	12	69	-	-
Batch 5 : From 2010-11 to 2012-13							
B.Sc.	130	130	105	25	130	-	-

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B Sc	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?

Data not available

29. Student progression: N.A.

30. Details of Infrastructural facilities

- a) Library: 1217 books & 22 CD available in central library
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: Yes
- d) Laboratories. : Yes, With ICT facility

31. Number of students receiving financial assistance from college, university, government or other agencies. N.A.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts. - Special lectures & seminar arranged by dept.

Staff & Students' Activities Done By Department During Last Five Years

Sr No	Date	Name of Activities	Name of Participants	Class (Roll No)	No of Benefited Students /Staff	Remarks
2008-09						
1	Through out Year	Seminar	Students & Staff	All Students Of S.Y.B.Sc	39+3	First Three Rank Roll.Nos. 22,25,75 Awarded
2	16/10/08	Uni.Exam Chairman/Examiners Selection Meeting (Rules: 56)	Prof.H.M.Hinsu	-	1	H.N.Guj.Uni Patan
3	16/01/09	A Seminar On Neno Technology	Patel Vandana: (Oral Presen) Prajapati Jignesh: (Poster.) Rathod Ashoksinh: (Poster.) Prof C.A.Patel As An Expert	S.Y.-25 F.Y.- 42 F.Y.- 93 -	3+1	M.N.College Visnagar
4	17/02/09	Soil Testing Information	Prof H.M.Hinsu	-	1	'Kheti Niyamak Kacheri' Gandhinagar
5	24-25/02/09	'Varshik Sngoshti'	Prof C.A.Patel	-	1	Udaipur (Raj) HNGU
2009-2010						
1	Through out year	seminar	Students & staff	All students of S.Y.B.Sc	37+3	-
2	Through out year	Assignment	Students	All students of S.Y.B.Sc	37	-
3	27 to 30 /6/09	Conference on Indian Astronomy	Prof H.M.Hinsu Prof.S.B.Nayee	-	2	Indian Planetary society Ahmedabad
4	25-26 /09/09	Physics education & research (state level seminar)	Prof.S.B.Nayee Prof C.A.Patel	-	2	S.M.Patel science college Talod
5	8/3/10	Neno technology to day & tomorrow(National level seminar)	Prof C.A.Patel	-	1	Chemical engineering dept. Nirma uni.
2010-2011						
1	Through -out year	Assignment	Students	All students of	218	-

				F.S./S.Y. -B.Sc.		
2	Through -out year	Wall paper	Students	All students of F.S./S.Y. -B.Sc.	-	-
3	Jul/Aug /Sep 2010	seminar	Students	S.Y.B.Sc	24	-
4	28/7/10	A lectures on Modern Physics by Dr. C.G.Limbachiya	Students & Staff	All students of F.S./S.Y. -B.Sc.	218+8	-
5	12/8/10	As an expert in science-math's exhibition	Prof.S.B.Nayee	-	1	"Jilla Shikshan & talim centre,Mehsana
6	16/8/10	Awarded Ph.D degree	Dr.C.A.Patel	-	1	Sardar Patel uni. V.V.nagar
7	28/9/10	Uni.subject expert for selection of lecturers	Prof H.M.Hinsu	-	1	HNGU at govt.science college,G'nagar
8	1/10/10	Head of Rally in 'Run for Gujarat'	Prof H.M.Hinsu	-	1	By this college
9	9/10/10	Physics education & research (state level seminar)	Prof.S.B.Nayee	-	1	Science college,Kadi
10	9/10/10	A paper reading in Physics education & research (state level seminar)	Dr.C.A.Patel	-	1	Science college,Kadi
11	22/10/10	Capacity building program workshop	Prof.S.B.Nayee	-	1	KCG & Science city,Ahmedabad
12		Donner in Chemistry Lab of Uma H.S.S. Ghaghret	Dr.C.A.Patel	-	1	Rs.151000/-
13	12- 13/11/10	A Workshop on Astrophysics application to cosmic dust	Prof.S.B.Nayee Dr. C.A.Patel	-	2	IUCAA & M.G.Science college A'bad
14	13 to 19 /11/10	A seminar on Modern Physics	Patel Bhadresh Patel Maulik	SY-10 SY-75	2	Vikram Sarabhai community science centre A'bad
15	5/12/10	A seminar on current trends in physics	Prof.S.B.Nayee	-	1	Bhavans science college A'bad
16	8- 9/12/10	A Workshop on CBCS	Prof H.M.Hinsu	-	1	KCG & science college,Kadi
17	17/12/10	A Workshop on Quantum mechanics	Prof.S.B.Nayee	-	1	Vikram Sarabhai community science centre A'bad
18	18/2/11	A seminar on IAS & competitive exam	Prof.S.B.Nayee	-	1	HNGU
19	3 to 5/3/11	A Workshop on Teachers training	Prof H.M.Hinsu	-	1	KCG & science city,A'bad

20	8 to 11/3/11	Capacity Building Program For Science Teacher Workshop	Prof.S.B. Nayee	-	1	Dept. Of Higher Education Guj.State
2011-2012						
1	20/06/11	A Workshop on Physics syllabus of B.Sc. sem-1	Prof. H.M.Hinsu Dr. C.A.Patel		2	Science College Palanpur
2	29/09/11 to 30/09/11	Plasma Physics Teaching A tunder Graduate Level	Dr. C.A.Patel		1	Science College Maninagar A'bad
3	23/12/11 to term end	A Member Of Board Of Study	Prof. H.M.Hinsu		1	H.N.G.U. Patan
4	31/01/11 to 02/02/12	A Workshop On 'VIGNAN ABHIGNATA'	(1)Barot Gurusish (2)Chaudhari Rahul (3) Modi Shashikant	SYBSc.-101 SYBSc.-104 SYBSc.-114	3	Science College Talod
5	03/02/12 To 04/02/12	Material Science & technology seminar	Prof. S.B.Nayee		1	Dept.of Physics Guj.Uni.A'bad
6	15/02/12 to 01/03/12	A Refresher Course	Dr. C.A.Patel		1	Indian Acedemy of Science Banglore, Plasma Research at St.Xaviers College,A'bad
7	16/02/12	As a sub.Expert for selecting lecturers in HNGU,Patan	Prof.H.M.Hinsu		1	Govt. Science College G'nagar
8	21/03/12 to 23/03/12	A Workshop on Research	Prof.S.B. Nayee		1	KCG & Science College, Kadi
9	Through year	Seminar	All Student of S.Y.B.Sc.	CP & MP Group	123	-

33. Teaching methods adopted to improve student learning

- Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none"> PPT presentation through Audio-Visual aids Animation Videos of Subjects OHP Models Charts Unit Tests 	<ul style="list-style-type: none"> Demonstration of Practical Assignments Seminars Active participation through Question-Answering Live & recorded video lectures of SANDHAN
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Prof.S.B.Nayee is the coordinator of career guidance centre run by this institute & he organized various programmed relative to career & personality development for student community.

35. SWOC analysis of the department and Future plans

1 Strength of department:

- Good quality of laboratory instruments including OHP and LCD projector in laboratory.
- Qualified and sufficient Teaching Staff.
- Regularity of the Student confirm with lecture wise attendance.

2. Weakness of department:

- Post is vacant for Non-Teaching staff.
- Third Year B.Sc. (Physics) programme is not run.

3. Opportunity:

- T.Y.B.Sc. Possibly Start from next year because strength of student is increased during this period.

4 Challenges:

- To improve Physics terminology (in English) of students. (Department have started medium of instruction in English to the students during practical work)
- Due to increase in student strength, we have to difficult, to manage practical task.
- Sufficient literature is not available in Gujarati medium.
- This region is rural and students are coming from far, though there is some trouble for transportation.

Future plans:

- Practical charts will be prepared by faculty.
- All practical charts can be published as a book.
- Department will arrange some special lectures.

Evaluative Report of the Gujarati Department

1. Name of the department : Gujarati
2. Year of Establishment : June 1960
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/ Year	Course Offered		
		Core Compulsory	Core Elective	Elective Option
B. A.	Semester I	CC101 CC102	CE101, CE102	Nil
	Semester II	CC201 CC202	CE201, CE202	Nil
	Semester III	CC303 to 305	CE 303, CE 304	-
	Semester IV	CC403 to 405	CE403, CE404	-
	T Y B A	Paper VI Paper VII Paper VIII Paper IX Paper X Paper XI	Nil	Nil

4. Names of Interdisciplinary courses and the departments/units involved :

In T.Y.B.A.–units involved of Sanskrit, English & Journalism e.g.criticism of Indian Literature, criticism of Western Literature [Paper–8] & Report–writing[paper–11]

5. Annual/ semester/choice based credit system (programme wise)

Semester and CBCS has been implemented at UG level since 2011-12 where as in T.Y.B.A still the annual system is in force.

6. Participation of the department in the courses offered by other departments

NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL

8. Details of courses/programmes discontinued (if any) with reasons :

In T.Y.B.A. in paper 11 previously the paper offered was ‘Literary Essay’ but since June 2007 we have started offering ‘Vyavhar Bhasha’. As it was desired by the students. Moreover, the newly introduced paper is more useful to them in future.

9. Number of Teaching posts

Designation	Sanctioned/ Required	Filled
Professors	0	0
Associate Professors	2	2
Asst. Professors	0	0

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Dr.Y.H.Raval	M.A,Ph.D.B.Ed.	Associate Professor	Gujarati	22	Nil
Mr.D.B.Patel	M.A.	Associate Professor	Gujarati	21	Nil

11. List of senior visiting faculty : **NIL**

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : **NIL** [All Lecture delivered by permanent faculty]

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-2009	B.A.	314	02	157:1
2009-2010	B.A.	312	02	156:1
2010-2011	B.A.	282	02	141:1
2011-2012	B.A.	304	02	152:1
2012-2013	B.A.	290	02	145:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : **NIL**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	Dr.Y.H.Raval	Associate professor	M.A., Ph.D. B.Ed.
2	Mr.D.B.Patel	Associate Professor	M.A.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received
NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : **NIL**

18. Research Centre /facility recognized by the University :

Language Lab is available.

19. Publications:

* a) Publication per faculty : **Dr.Y.H.Raval**

Sr No	Title	Journal	Year	Vol/Page
1	Lalit Nibandhakar Bholabhai Patel	Agas	2004	'Samvid'
2	Patidarkul Rajratna : Rajmata Maharani Minaldevi	Gujarati no Adhyapak Sangh	2005	Adhit-27
3	Akhana Chhappaman Kataksh Ane Drashtanakala	Ambaji Arts College, Ambaji	2008	Akho Bhagat Jivan Ane Rachnao

4	'Malela Jeev' Ni Bhavyodatt Nayika-Jeevee	National Seminar- Shamlaji	2010	Reserch Paper
5	Prerak Laghu Nibandhono Sanchaya	AGAS	2010	Research Paper Samvid-2
6	'Saharani Bhavyata' Udatt Rekha-Chitro	Dhansura (S.K.) (National Seminar)	2012	Research Paper

- * **number of papers published in peer reviewed journals (national / international) by faculty and students :NIL**
- * **Number of publications listed in international Database (For Eg.web of Science ,sports,Humnities International complete,Dar Database – :NIL**
- * **International social science Directory, EBSCO host, etc.)**
- * **Monografs :NIL**
- * **Chapter books : Akho Bhagat :Jeevan Ane Rachanao, Adhit, Samvid,**
- * **Book Edited : 06**

*** List of Books/Articles Published By PROF. Y.H.RAVAL**

Sr. No.	Name of Book/Article	Name & Address of Publisher	Year	Remarks
1	'Lalit Nibanhdoman Prakruti Nirupan' (Description Of Nature in Creative Essays)	Parshva Publications Ahmedabad	2005	1 st Prize Winner Book
2	Gujarati(First Language) Std-12 Text-Book	Guj. Stat Board Of Sch. Text-Book, Gandhinagar	2005	As A Reviewer
3	Gujarati(Second Language) Std-12 Text-Book	Guj. Stat Board Of Sch. Text-Book, Gandhinagar	2005	As A Reviewer
4	Gujarati(Second Language) Std-10 Text-Book	Guj. Stat Board Of Sch. Text-Book, Gandhinagar	2006	As A Writer & Compiler
5	'Peavruttipurush-Vyaktivishesh Vinayak Raval	Dr. Vinayak Raval Shashti Purti Samiti, Mehsana	2008	As An Editor
6	Mahakosh of Gujarati Adhyapak	AGAS	2010	As An Editor
7	Samvid (A Book Of Litercy Articles)	AGAS	2010	As An Editor

- * **Books with ISBN/ISSN numbers with details of pyblishers : Lalit Nibandhoman prakrutinirupan [Parshav Publction, Ahmedabad, 2005]**
- * **Citation Index :NIL**
- * **SJR : NIL**
- * **Impact factor : NIL**
- * **H-index :NIL**

20. Areas of consultancy and income generated : NIL

21. Faculty as members in :

a) National committees b) International Committees c) Editorial Boards :

Dr. Y.H.Raval is a member in Editoral board of 'Kalavimarsh' [quarterly]

22. Student projects :

a) Percentage of students who have done in-house projects including inter departmental/programme **NIL**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : **NIL**

23. Awards/ Recognitions received by faculty and students :

- Dr Y.H.Raval is Awarded by Education Minister of State Government for ‘Vanche Gujarat’ movement in 2012 . He also awarded by Gujarat Sahitya Academy in 2005 for his Research book named ‘Lalit Nibandhoman Prakrutinirupan’

24. List of eminent academicians and scientists/ visitors to the department

Sr. No.	Date	Name of Academician
1	8.1.11	Dr.Rajesh Trivedi Dr.Rupa Bhatt Dr. Himmat Bhalodiya
2	20.1.11 to 24.1.11	Mr.Lalit Lad Mr.Nisarg Trivedi Mr. Kiran Joshi Mr.Hitendra Shah
3	4.10.12	Dr. Vinayak Raval
4	8.10.12	Prof. Rohit Pancholi
5	22.10.12	Prin. Ghanshyam Gadhvi

25. Seminars/ Conferences/Workshops organized & the source of funding :

a)National

b)International

NIL

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
BA	108	108	67	41	108	49	83.67
Batch 2 : From 2007-08 to 2009-10							
BA	90	90	79	11	90	51	82.35
Batch 3 : From 2008-09 to 2010-11							
BA	75	75	63	12	75	41	95.12
Batch 4 : From 2009-10 to 2011-12							
BA	92	92	62	30	92	37	70.27

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

- There is no such a system in institute to record these types of data.

29. Student progression

Student progression	Year	Appeared	Pass	P.G.& Higher Edu.	Self Employed
UG to PG/Higher Edu	2008-09	49	42	38.77%	61.23 %
	2009-10	51	42	39.21%	60.79 %
	2010-11	41	39	48.78%	51.22 %
	2011-12	37	26	48.64%	51.36 %
PG to M.Phil.	Nil	Nil	Nil	Nil	NIL
PG to Ph.D.	Nil	Nil	Nil	Nil	NIL
Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	NIL
Employed					
• Campus selection	Nil	Nil	Nil	Nil	NIL
• Other than campus recruitment					
Entrepreneurship/Self-employment	Nil	Nil	Nil	Nil	NIL

30. Details of Infrastructural facilities

a) Library Yes with : 9204 Books and 20 CDs = 9224

b) Internet facilities for Staff & Students : Yes

c) Class rooms with ICT facility: Yes

d) Laboratories: N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies :

- Students received financial assistance as per government rules.

32. (A) Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sr No	Date	Name of Activities	Participants	Class	No of Benefited Students	Remarks
1	08/01/11	Vidyarthi Abhyas Shibir	Pilvai college Gujarati students & other colleges	T.Y.B.A.	70	Workshop Orgnized by A.G.A.S and Pilvai college (under CPE)
2	20/01/11 to 24/04/11	Communication Develoment skills	Students of Pilvai college and other colleges	T.Y.B.A.	30	Workshop Organized by Pilvai college (under CPE)

3	2012-13	Seminar	All students of Gujarati	B.A. Sem. - 1	60	Lectures delivered by Dr Vinayak Raval
4	08/10/12	Seminar	All students of Gujarati	B.A.Sem. - 3	50	Lectures delivered by Prof.Rohit Pancholi
s5	22/10/12	Seminar	All students of Gujarati	B.A. sem -1 and 3, T.Y.B.A.	150	Lecture delivered by Ghanshyam Gadhvi

(B) Yearly departmental activities :

<ul style="list-style-type: none"> • Shatabdi Vandana(Major Gujarati writers) • Teachers day • Poems Reciting • Prose Reciting • Report Writing • Workshop on writing skills • Essay writings • Central Library visit 	<ul style="list-style-type: none"> • Quiz • Tributes to writers • Literary Film Show • Vanchan shibir • Matrubhasha Vandana • Introduction of Gujarati Writers • Introduction of Literary Magazin (Gujarati)
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33. Teaching methods adopted to improve student learning

- Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none"> • PPT presentation through Audio-Visual aids • Videos of Subjects • OHP • Charts • Live & recorded video lecturers of SANDHAN 	<ul style="list-style-type: none"> • Assignments • Seminars • Workshops • Group Discussions • Active participation through Question-Answering • Unit Tests, Surprised Tests • Quiz
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34. (A) Participation in Institutional Social Responsibility (ISR) and Extension activities :

- We had established 'Prof.Hasuben Mehta Sanskrutik Ekam (cultural forum) in 2004. Since Then we have been organizing various cultural activities like 'sngheet Snadhya,Mushayro ,Kavi Sammelan' etc. under this forum ' every year in Vijapur Taluka especially for those who are interested in art, poetry and music.
- We give cash prize of Rs. 500 to the student every year who stands first in TY.B.A. in the name of Prof.Hasuben Mehta.
- Pro.Dr.Y.H.Raval delivers lectures on various subjects in different schools ,colleges villages as well as for teachers and NGOs.

(B) Extension activities

DETAILS OF TEACHER AS RESOURCE PERSON :Prof. Dr.Y. H. Raval

Sr No.	Date	Name of Institute	Topic / Workshop	No.of Beneficiaries	Remarks
1	30/08/07	Neema Girls' & Arts Colege, Gozariya	'Zaverchand Meghani'	200	Seminar
2	21/07/08	S.D.Arts & B.R. Comm. College, Mansa	'Umashankar Joshi As A Play-Writer'	200	Seminar
3	31/10/09	Chanakya Vidhya Vihar, Vihar	'New Streams Of Education'	20	Work Shop
4	30/12/09	S.D.Arts & B.R.Coom. College, Mansa	Elo. Compitition	100	Lectuer
5	07/01/10	Smt.M.N.Shah Mahila Arts Coll, Kadi	'Abhyas Paddhati Talim' (Uni. Level)	80	Work Shop
6	11/01/10	Mahila Arts Coll. Vidhyanagari, Himmatnagar	'Kavitano Aasvad' (Uni Level)	100	Seminar
7	30/03/10	Rotary Club Of Vijapur	'Literacy'	50	Lecture
8	03/07/10	Mahila Library, Vijapur	Lecture On A Book Named 'Thank You Papa'	50	Lecture
9	27/08/10	Shree P. G. & R. K. Vakhariya School, Kolavada	Prerna Sabha	300	Lecture
10	28/08/10	Sheth G. C. High School, Pilvai	Prerna Sabha	400	Lecture
11	20/09/10	Vidhyashree Mahila Adhyapan Mandir, Vijapur	'The World Of Books'	60	Lecture
12	04/10/10	Bisag, Gandhinagar	'Umashankar Joshi- Life & Work'	Uni. Student Of Guj. State	Lecture
13	14/10/10	New Progressive Coll. Of Edu. & Gujarat Sahitya Academi. Mehsana	Umashankar Joshi- As A Story-Writer' (State-Level:Seminar)	100	Seminar
14	28/10/10	Mehsana Disrict Secondary & Higher Secondary Acharya Sangh, At-Aglod	'Books-Our Never Failing Friends'	200	Conference
15	21/12/10	Smt. C. C. Mahila Arts & Comm. Coll, Visnagar	'Bhashankala' (Uni. Level)	80	Work Shop
16	26/12/10	Mehsana District Secondary Teachers Association, At-Vijapur	'Importance Of Reading'	200	Conference
17	27/12/10	Rampur-Kot, Village	'Education & Society'	500	Lecture
18	28/01/21	Madhi High School, Madhi	'Book-World & Our Life'	300	Lecture
19	29/08/11	C.G.Bhakta High School, Fudeda	'School & Society'	300	Lecture
20	07/01/12	C.C. Mahila Arts & Comm. Coll., Visnagar	'Chalo Vanchta Thaiiae' (Uni. Level)	100	Seminar
21	11/02/12	Patel R.K. High School, Ranasan	'Student-Teacher Relation'	300	Lecture
22	01-02/09/12	Smt.R.M. Prajapati Arts Coll. Satlasana	'Nibandhkar Bholabhai Patel' {National Level}	50	Seminar

23	21-22-23/12/12	Gujarati Sahitya Parishad (Jnansatra-Surat)	'Nibandh-2011 & 2012	300	Conference
24	09-10/02/13	Gujaratino Adhyapak Sangh & M.S. University Vadodara	Conference	200	Yearly conference

WORKSHOPS/SEMINARS/CONFERENCES ATTENDED BY PROF. Y.H.RAVAL

Sr No.	Date	Title of Seminar / Workshop/Conference	Name and Place of Organizing Institute	Paper Presented ? Yes/No	Remarks
1	4-5-6/01/07	National Seminar On 'Akho Bhagat'	Ambaji Arts Coll, Ambaji	Yes	Published 2008
2	25/02/07	6 th Conference	Org By: Agas & Vijaynagar Arts Coll, Vijaynagar	-	Yearly Conference
3	30/08/07	Lecture On 'Zaverchand Meghani'	Neema Girls' Coll, Gozariya	-	Resource Person
4	30/12/07	Workshop On 'Novel'	D.N.P. & Arts & Comm. Coll. Deesa.(B.K.)	No	Participant
5	01/03/08	7 th Conference	Org By: Agas & Smt.R.M.Prajapati Arts Coll. Satlasana	-	Yearly Conference
6	21/07/08	Lecture On: 'Umashankar Joshi' As A Play-Writer	S.D.Arts & B.R.Comm, Coll. Mansa	-	Resource Person
7	20/12/08	Adhyapak Karya Shibir, By-Agas	Arts & Comm. Coll. Kheralu	No	Participant
8	04/03/09	8 th Conference	Org By: Agas & N.P.P. Mahila Arts Coll. Palanpur	-	Yearly Conference
9	08/03/09	National Symposium On One Act Play	Arts & Comm. Coll. Mehsana	No	Participant
10	09/03/09	9 th Conference	Org By: Agas & Smt. A.S. Chaudhary Arts Coll. Mehsana	-	Yearly Conference
11	03/09/09	Vidhya Vistar Vyakhyan Mala	Mahila Sarts Coll. Vijapur	-	As A Secretary
12	07/01/10	'Abhyas Paddati Talim Shibir' (Uni. Level) (Learning Method)	Smt. M.M. Shah Mahila Arts Coll. Kadi	No	Resource Person
13	09/01/10	State Level Seminar On 'Gujarat Laghukatha'	D.D.Thakkar Arts & K.J.Patel Comm. Coll. Khedbrahma	No	Participant
14	11/01/10	'Vidhyavistar Vyakhyan Mala' (Uni. Level) Lecture On: 'Kavitano Aasvad'	Mahila Arts Coll. Vidhyanagri, Himmatnagar	No	Resource Person
15	18-19/01/10	Pannalal Patel	Arts College, Shamlaji	Yes	National Seminar
16	30/01/10	'Kavita Ane Tunki Vartanun Sdhyapan' (Adhyapan Karya Shibir)	Sheth H.P.Arts &T.S.M. Comm. Coll. Talod-Agas	No	Participant
17	26-27/02/10	Lok Sahitya	Smt.P.R.Patel Arts Coll. Palasar	No	State Level Seminar
18	06/06/10	'Yuva Shibir'	Brahma Samaj, Kalol	No	Resource Person

19	14/10/10	'Umashankar Joshi – As A Story –Writer'	New Progressive B.Ed. Coll. Mehsana. Guj. Sahitya Academi, Gandhinagar	-	Resource Person
20	28/10/10	Educational Seminar Lecture On: 'Books Our Never Failing Friends'	Mehsana District Secondary & Higher Secondary Acharya Sangh-At-Aglod(Di-Mehsana)	-	Resource Person
21	04/12/10	'Gujarati Nayal' Dasha & Disha (Guj. Drama : Position & Direction)	Mahila Arts Coll. Mehsana & Guj. Sahitya Academi	No	Uni. Level Seminar
22	21/12/10	'Abhivyakti Talim Shibir' Lecture On 'Bhashanklal' Uni. Level	Smt.C.C.Mahila Arts & Sheth C.N.Comm. Coll. Visnagar	No	Resource Person
23	26/12/10	'Education Seminar'	Mehsana District Higher Secondary Teachers' Association	-	Resource Person
24	29-30/01/11	Akhil Gujarat Vanchan Parishad	Gujarat Sahitya Academi & Vanche Gujarat Abhiyan At-Unza	-	State Level Conference
25	08/03/01	10 th Conference	Org By: Agas & H.P.Arts & T.S.M. Comm. Coll. Talod	-	Yearly Conference
26	21/09/11	Vidhya Vistar Vtakhyan Mala	Mahila Arts College, Vijapur	-	As A Secretary
27	14/12/11	Vidhyarthi Abhyas Shibir As A Secretary –Agas	Arts-Comm. Coll. Dhansura(S.K.)	No	Participant
28	07/01/12	Sub. VICHAR-VANCHAN-SHIBIR Lecture On 'CHALO VANCHTA THAIAE'	SMT.C.C.MAHILA ARTS-COMM. COLL, VISNAGAR	NO	RESOURCE PERSON
29	17/01/12	Radhuveer Chaudhari- As An Author	Arts-Comm. Coll. Dhansura(S.K.) & Guj. Sahitya Academi, Gandhinagar	Reserch Paper On 'Saharani Bhavyata'	National Seminar
30	15/02/10	Adyapak Karya Shibir	Arts-Comm. Coll. Ider(S.K.) Agas	No	Participant
31	28/03/12	11 th Conference	Org By: Agas & Smt.C.C.Mahila Arts & Comm. Coll. Visnagar	-	Yearly Conference
32	01-02/09/12	Nibandhkal Bholabhai Patel National Seminar	Smt.R.M.Prajapati Arts Coll. Satlasana	-	Resource Person
33	21-22/23/12/12	Conference(Jnansatra)	Gujarati Sahitya Parisad & S.G.Uni., Surat	Yes	Resource Person
34	09-10/02/13	Conference	Gujaratino Adhyapak Sangh & M.S.Uni., Vadodara	Yes	Resource Person

EXTENSION ACTIVITIES: PROF.DR.Y.H.RAVAL

Sr No	Designation	Title	Year
1	Secretary	Anart Gujaratino Adhyapak Sangh – (Agas)	Since 2000
2	Founder President	Sushree Hasubahen Mehta Sanskrutik Aekam (Cultural Forum)	2004-2005

3	Reviewer / Writer /Compiler	Gujarat State Board Of School Text Book Gandhinagar (Gujarat State)	2005-2006
4	Visiting Lecturer	Directorate Of Languages, Gandhinagar, Gujarat	Since-2007
5	Guide	Department Of M.Phil, Hem.N.G.Univ.,Patan	2007-2008
6	Co-Ordinator	Journalism Training Course (Under COP.Spon.By UGC) Org.By Pilvai College	2008-09
7	Judge	Sheri Natak Competition (State Level)	24-12-2009
8	President	Vanche Gujarat ; Vijapur Taluko	2010-2011
9	Co-Secretary	Vanche Gujarat ; Mehsana District	2010-2011
10	Co-Ordinator	Bisag-Gujarat Subject Office Of The Commissioner Of Higher Education, Gandhinagar	2010-2011
11	Member	Board Of Study,Gujarati Hem.N.G.University,Patan	Since Jan-2012
12	Co-Editor	Kalavimarsha-Magazin (Quarterly) Publisher-Asait Sahitya Sabha, Mehsana Org.By College Of Education,Patan	Since July-2012

SEMINARS/WORKSHOPS/CONFERENCES/COURSES ATTENDED BY Prof. D. B. Patel

Sr No.	Date	Title of Seminar / Workshop/Conference	Name and Place of Organizing Institute	Paper Presented? Yes/No
1	4/5/ 6/01/07	National Seminar [Akho Bhagat-jivan ane rchanao]	Arts college , Ambhaji	No
2	30/12/07	6 th conference	Anrt Gujaratino Adhyapak Sangh & Arts, college Vijaynagar	No
3	16/03/07	Conference [Regional]	Mahila Arts,college Mehtapura,Himtnagar	No
4	20/21/ 22/12/07	conference	Gujarati Sahitya Parisad & Cultural Forum, Gandhinagar	No
5	30/12/07	Workshop [Adhyapak Karyasibir]	Arts & Commerce college,Disa & Aanrt Gujaratino Adhyapk Sangh	No
6	01/03/08	7 th conference	Aanat Gujaratino Adhyapak Sangh & Arts college , Satlasana	No
7	30/09/08	Vidyavistar Vyakhyanmala- 23 [workshop]	Mahila Arts College, Vijapur	No
8	08/03/09	National Seminar ['Contemporary one act plays in the westren regional languages']	Arts & Science college, Mahesana	No
9	14/3/2009	8 th conference	Aanrat Gujaratino Adhyapak Sangh & Mahila Arts college,Palanpur	No
10	09/01/10	National Seminar [Gujarati laghu katha:svrup ane satva]	Arts&Commerce college, Khedbrahma & U.G.C.	No

11	18/19/1/10	National Seminar ['Pannalal Patelna sahityanu punrh mulyankan']	Arts college, Shamlaji & U.G.C.	Yes
12	26/27/01/10	National Seminar ['Uttar Gujaratni Lokkthaonu Sampadan Karya']	Arts college, Palasar & U.G.C.	No
13	09/03/10	9 th Conference	Mahila Arts & Home- Science College, Mahesana	No
14	04/12/10	State Level Seminar ["Gujarati natak : dasa & disha"]	Mahila college, Mahesana & Sahitya Akadmi, Gandhinagar	No
15	08/01/11	Vidyarthi Abhyas Shibir [workshop]	Arts, Science & Commerce College, Pilvai	No
16	08/03/11	National Seminar ['Saundarya sastra : svrup ane vibhavna'] and 10 th Conference	Arts & commerce college, Talod & U.G.C. and A.G.A.S.	No
17	17/01/12	National Seminar [" Shri Raghuvir Chaudhry srjak satra"]	Arts & Commerce College, Dhansura & Sahitya Akadmi, Gandhinagar	No
18	15/02/12	Adhyapak Karya Shibir [Workshop]	Arts & Commerce College, Idar	No
19	12/3/2012 to 18/3/2012	S.T.C. on 'Comparative Study of Literature & Film'	U.G.C. - Academic Staff College, Gujarat University, Ahmedabad	No
20	28/03/12	11 th Conference	Arts & Commerce College, Visnagar and A.G.A.S.	No

35. SWOC analysis of the department and Future plans

1 Strength of department

- High Result
- Highly experienced Faculty
- Sufficient Staff
- Member of Board of Studies since June 2012 (Dr.Y.H.Raval)
- Paper setter in Gujarati subject in H.N.G.U.Patan (Dr.Y.H.Raval)
- Subject Experts in H.N.G.U. (Dr.Y.H.Raval)
- Awareness of students regularity
- Various academic activities for students through AGAS e.g. Vidya vistar vyakhanmala, vidhyarthi abhyas shibir etc.

2 Weakness of department-

- Research work is carried out in insufficient degree
- Our lack of knowledge of English and Computer proves to be a handicap for us.
- Insufficient conveyance as the college is situated in a rural area

3 Opportunity-

- To start PG center
- Coaching class for competitive exams viz UPSC,GPSC....
- Various skill development workshop e.g. writing skills, personality skills, Translation skills, performance skills etc.
- To enhance interdisciplinary approach

4 Challenges-

- Our subject provides meager job opportunities
- We are facing the greatest challenge of saving our mother tongue
- Saving Gujarati as a regional language in the era of globalization is a matter of concern
- Due to the attraction towards professional courses it is difficult to save Gujarati as a subject.

Future plans:

- Enrich the central library and to establish a departmental library
- Research facility
- To make the books for competitive exams available.
- We will try our best to improve our knowledge of English and Computer
- We would like to arrange various programmes to bring awareness regarding the importance of one's mother tongue and to inculcate love for mother tongue in students as well as people in general.

Evaluative Report of the Hindi Department

1. Name of the department: **Hindi**
2. Year of Establishment: **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Programme	Semester/ Year	Course Offered			
		Core Compulsary	Subject Elective	Elective Open	Hindi as a Compulsary Subject
B.A.	Semester I	CC101	CE101	EC105	FE104
		CC102	CE102		
	Semester II	CC201	CE201	EC205	FE204
		CC202	CE202		
	Semester III	CC303	CE303		
		CC304	CE304		
		CC305	CE305		
	Semester IV	CC403	CE403		
		CC404	CE404		
CC405		CE405			
T.Y.B.A.	Paper No. VI to XI				
M.A.	Semester I	Paper I to IV and			
		Paper V- Interdisciplinary course- I.T. and Data Analysis			
	Semester II	Paper VI to IX and			
		Paper X- Interdisciplinary course- I.T. and Data Analysis			
	Semester III	Paper XI to XIV and			
		Paper XV- Interdisciplinary course- I.T. and Data Analysis			
	Semester IV	Paper XVI to XIX and			
		Paper XX- Interdisciplinary course- I.T. and Data Analysis			

4. Names of Interdisciplinary courses and the departments/units involved:

- At the U.G. level no interdisciplinary course is there but in some topics of certain papers a little touch of interdisciplinary course is there and at P.G. level interdisciplinary courses as have been adapted as shown above.

5. Annual/ semester/choice based credit system (programme wise):

- At UG level semester I to IV semester choice based credit system/ semester

system is adapted and for TYBA annual system is adapted.

6. Participation of the department in the courses offered by other departments:

- NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons: NIL

9. Number of Teaching posts

Designation	Sanctioned/ Required	Filled
Professors	-	-
Associate Professors	03	03
Asst. Professors	-	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.R.R.Pandey	M.A.,Ph. D	Asso. Pro.	-	24-06 22-09	-
Mr S.M. Vaghera	M.A.	Asso. Pro.	-	20-04 13-02	-
Dr.S.D.Prajapati	M.A.,M.Phill Ph.D	Asso. Pro.	-	16-02 11-02	-

11. List of senior visiting faculty:

Senior visiting Faculty at M.A. :

Year	Name of Visiting Faculty
2007- 2008	Dr. Veerabhai P. Chauhan, Dr. Hasmukh Barot, Patel Prakash P., Patel Vishnu Bhai
2008- 2002	Dr. Veerabhai P. Chauhan, Dr. Hasmukh Barot, Patel Prakash P.
2009- 2010	Dr. Hasmukh Barot, Patel Prakash
2010- 2011	Dr. Hasmukh Barot, Patel Prakash

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: NIL

13. Student -Teacher Ratio (programme wise):

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-2009	B. A.	494	3	165: 1
	M. A.	119	6	20:1
2009-2010	B. A.	489	3	163: 1
	M. A.	118	5	24:1
2010-2011	B. A.	453	3	151: 1
	M. A.	72	4	18:1
2011-2012	B. A.	452	3	151: 1
	M. A.	32	3	11:1

14 Number of academic support staff (technical) and administrative staff; sanctioned and filled: N.A.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	Dr. R. R. Pandey	Asso. Professor	M.A., B.Ed, Ph. D.
2	Shri S. M. Vaghera	Asso. Professor	M.A.
3	Dr. S. D. Prajapati	Asso. Professor	M.A., M. Phil, Ph. D

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: N.A.

18. Research Centre /facility recognized by the University:

(2)Dr. R. R. Pandey was appointed since July 2007as a Coordinator M. Phil- Hindi of H.N.G. Uni.

19. Publications:

- Chapter in Books- By Dr. S.D. Prajapati- Madhyakalin Kavya Ek Dristipaath Prem & Shringar ke Kushal Chitere Kavi Vihari.
- ISSN- Article- 03 By Dr. S. D. Prajapati
- Nari Mukti Es Par Ya Us Par, Mukti se Pahele Muthbhed Anivarya hai, Manushya Banane ki Prakriya se Gujarati Nari.

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: **NIL**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **NIL**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **NIL**

23. Awards/ Recognitions received by faculty and students:

1. Dr. R. R. Pandey was appointed as a M. Phil Coordinator- Hindi since July

2007. In July 2012 he has resigned from the same post.

2. Dr. S. D. Prajapati awarded with Ph. D degree in June 2012.
3. He also awarded for his Ph. D degree by “Akhil Bhartiya KumbhkarSangh New Delhi” in June 2012

24. List of eminent academicians and scientists/ visitors to the department: **NIL**

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National: **NIL**
- b) International: **NIL**

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
B. A.	151	151	114	37	151	73	83.56
M. A.	54	54	23	31	54	53	98.14
Batch 2 : From 2007-08 to 2009-10							
B. A.	95	95	66	29	95	52	78.85
M. A.	56	56	39	17	56	56	100.00
Batch 3 : From 2008-09 to 2010-11							
B. A.	63	63	57	06	63	25	92.00
M. A.	45	45	28	17	45	43	97.67
Batch 4 : From 2009-10 to 2011-12							
B. A.	92	92	77	15	92	37	89.19
M. A.	20	20	12	8	20	20	95.00

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B. A.	100	Nil	Nil
M. A.	95.65	4.35	Nil
Ph D	-	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? : **NIL**

29. Student progression:

Programme	Year	Student Enrolled	Appeared	Pass	PG & Higher Edu.	Self Employed
B A	2008- 09	78	73	61	73%	27%
	2009- 10	56	52	41	66%	34%
	2010- 11	24	24	23	55%	45%
	2011- 12	41	37	33	80%	20%

M. A.	2008- 09	54	54	53	10%	90%
	2009- 10	56	56	56	8%	92%
	2010- 11	45	43	42	12%	88%
	2011- 12	20	20	19	9%	81%

30. Details of Infrastructural facilities

- a) **Library** :There are several books of Hindi in the central library on criticism, Bhasha vigyan, kavya shastra and the history of literature of Hindi. In addition to plays, novels story books and books of poetry. Total number of Hindi Books is: 6359 and 28 BIASEG CDs =6387
- b) **Internet facilities for Staff & Students: YES**
- c) **Class rooms with ICT facility: YES** (04 + 01= 05 Rooms)
- d) **Laboratories: DELL**

31. Number of students receiving financial assistance from college, university, government or other agencies.

- Yes, assistance from State Government as per rules of the State Government.

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

a)

Year	B.A./ M.A.	Visitors
2008- 09	B.A.	Dr. Hasmukh Barot
	M.A.	Dr. Anil Chauhan
2009- 10	M.A.	Madam
2010- 11	B.A.	Dr. Hasmukh Barot, Dr. S. D. Pandey
	M.A.	Dr. V. K. Vaishnav
2011- 12	B.A.	Dr. Bhanu Rohit
	M.A.	Dr. Malti Ben Dubey, Dr. Naina Ben

b) Students' Activities Done By Department During Last Five Years

Sr No	Date	Name of Activities	Name of Participants	Class (Roll No)	No of Benefited Students	Remarks
1	17/07/07	Avkar Samaroh	All Students of Hindi	FYBA & MA-I	135	
2	18/09/07	Hindi Divas	All Students of Hindi	FYBA to MA-II	210	
3	10/01/08	Kavya Pathan	Hindi Students	FYBA to MA-II	17	
4	10/07/08	Kavya Pathan	Hindi Students	FYBA & SYBA	32	
5	18/09/08	Hindi Divas	All Students	All Students of Hindi	280	
6	02/02/09	Quiz Spardha	All Students	MA – I & II	52	

7	08/08/09	Avakar Samaroh	All Students	TYBA to MA-II	80	
8	05/09/09	Text Book Vitran	Hindi Students	FYBA	18	
9	17/09/09	Seminar	Hindi Students	MA-I & II	42	
10	07/01/10	Mahudi Pravas	Hindi Students	TYBA & MA-II	47	
11	27/07/10	Lecture of Dr. Anil Chauhan	Hindi Students	TYBA	47	
12	10/08/10	Vakrutva Spardha	Hindi Students	SYBA & MA-II	55	
13	22/09/10	Seminar	Hindi Students	MA Sem-I	18	Swarnim Saptah Ujavani
14	27/10/10	Nibandh Lekhan	Hindi Students	MA Sem-II	17	Swarnim Saptah Ujavani
15	29/10/10	Kavya Pathan Spardha	All Hindi Students	MA-II	30	Swarnim Saptah Ujavani
16	26/01/11	Natya Kaushalya	All Hindi Students	TYBA & MA-II	39	
17	30/03/11	Lecture by Maltiben	Hindi Students	TYBA & MA Sem-I	35	
18	30/03/11	Lecture of Nayanaben	Hindi Students	MA-II	42	
19	09/08/11	Munsi Premchand Lecture of S.M. Vaghera	All Hindi Students	FYBA & TYBA	52	
20	14/12/11	Kavi Tulsidas Lecture of R.R. Pandey	All Hindi Students	SYBA & MA	35	
21	15/12/11	Nayi Kavita Lecture of Dr.S.D.Prajapati	All P.G. Students	M.A.Sem-II M.A.Sem-IV	27	

33. Teaching methods adopted to improve student learning

- Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none"> • PPT presentation through Audio-Visual aids • Animation Videos of Subjects • OHP • Models • Charts • Live & recorded video lecturers of SANDHAN 	<ul style="list-style-type: none"> • Assignments • Seminars • Workshops • Group Discussions • Active participation through Question-Answering • Unit Tests, Surprised Tests • Quiz • By delivering lectures in the class rooms
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

a) Dr. S.D. Prajapati is the Sub Co-ordinator of Careers Guidance

b) Seminars/Workshops/Conferences/Courses Attended By Teacher

Dr. R.R. Pandey

Sr No.	Date	Title of Seminar / Workshop/ Conference	Name and Place of Organizing Institute	Paper Presented Yes/No	Remarks
1.		Hazari Prasad Divedi "Anamdas ka Potha"	Idar College, Idar	Yes	-
2.	19/12/08	Hindi as a Official Language	C. U. Shah Comm. College, Ahmedabad	Yes	-
3.	28/07/09	Tulsidas	Gujrat Vidyapeeth	Yes	-
4.	31/12/09	-	Mansa College, Mansa	-	As a Judge for Saptdhara
5.	03/02/10	Semester System for P.G.	Gujrat Vidyapeeth	-	As a Committee Member
6.	03/01/11	Hindi Sahitya men Dalit Chetna	Arts & Commerce College, Talod	Yes	-
7.	21/01/11	Hindi Upanyas	BISEC, Gandhinagar	-	Deliberated Lecture
8.	26/03/11	Upanyas of Agyey	Arts & Commerce College, Talod	Yes	-

Shri S.M. Vaghera

Sr No.	Date	Title Of Seminar / Workshop/ Conference	Name And Place Of Organizing Institute	Paper Presented Yes/No	Remarks
1	02/10/07	२१वीं सदीमें हिन्दी साहित्य चुनौतियाँ और संभावनाएँ	देसाई सी एम आर्ट्स एन्ड कोमर्स कोलेज , वीरमगाम	No	राष्ट्रीय
2	16/3/08	आचार्य हजारी प्रसाद द्विवेदी जन्म शताब्दी	आर्ट्स एन्ड कोमर्स कोलेज , ईडर	No	राष्ट्रीय
3	19/12/09 & 20/12/09	साहित्यकार आचार्य हजारी प्रसाद द्विवेदी	आर्ट्स कोलेज, मोडासा	No	राज्य-स्तरीय
4	09/01/10 & 10/01/10	हिन्दी गुजरातो दलित साहित्य	आर्ट्स एन्ड कोमर्स कोलेज , खेरालू	No	राष्ट्रीय

5	18/01/10 & 19/01/10	आधुनिक हिन्दी कविता में व्यंग्य	आर्ट्स कॉलेज,शामलाजी	No	राज्य-स्तरीय
6	23/01/10	हिन्दी कथा साहित्य में दलित विमर्श	आर्ट्स कॉलेज,आणंद	Yes	राष्ट्रीय
7	29/01/10 & 30/01/10	साठोत्तरी उपन्यासों में महिला रचनाकारों की भूमिका	सरकारी विनयन कॉलेज , गांधीनगर	No	राष्ट्रीय
8	19/12/10	शमशेर बहादुरसिंह जन्म शताब्दी वर्ष	गुर्जर भारती गांधीनगर एवं गुजरात हिन्दी साहित्य अकादमी,गांधीनगर	No	राष्ट्रीय
9	03/01/11	हिन्दी गुजराती साहित्य में दलित चेतना	आर्ट्स एन्ड कॉमर्स कॉलेज, तलोद	No	राष्ट्रीय
10	10/01/11 & 11/01/11	प्रेमचन्दोत्तर कथा साहित्य में दलित विमर्श	आर्ट्स कॉलेज,पाटन	Yes	राष्ट्रीय
11	12/03/12 To 18/03/12	A Short Term Course on comparative Study of literature & films	Academic Stafe College Gujrat Uni. Ahemedabad	-	-

Dr. S. D Prajapati

Sr No.	Date	Name of Institute	Topic / Workshop	No. of Beneficiaries	Remarks
1	31/07/10	Kebdriya hindi sansthan , agra- ahmedabad shetra Place- palanpur	Uchhatar madhyamic hindi sikshak navinikaran	62	
2	09/12/10	Kebdriya hindi sansthan , agra- ahmedabad shetra Place- Patan	Uchhatar madhyamic hindi sikshak navinikaran	82	
3	13/12/10	Kebdriya hindi sansthan , agra- ahmedabad shetra Place- Patan	Uchhatar madhyamic hindi sikshak navinikaran	82	
4	11/01/11	Premchadotar katha sahutya me dalit vimaras	Arts College Patan		
5	May 2011	Sodh ke prakar	M.phil, H.N.G.U Patan	15	

6	05/06/12	Prayojanmulak hindi or vigyapan ke prakar	Biaseg, gandhinagar		
7	14/09/12	Rajbhasa hindi- dasa or disa	Arts college Patan	110	

Dr. S. D. Prajapati

Sr No	Title	Journal	Year	Vol./Page
1	Gandhiji- Attra-Tatra Sarvatra	Jivanmulya Sanraksax News, New Delhi	Oct 2009	10-13 pg.
2	Prem Evam Srungar Ke Kusal Chitere: Kavi Bihari	Madhtyakalin Kavya; Ek Drathipat(In Book)	2010-11	90-104
3	Nari- Mukti Iss Par Ya Uss Par	Sabdlok Patrika- Issn 2231-1610	Jan-jun 2011	84-93
4	Mukti Se Pahele Muthbhed Anivarya Hai	Sabdlok Patrika- Issn 2231-1610	July-dec 2011	
5	Manushaya Banana Ki Prakriya Se Gujrti Nari	Sahitya Setu- E-Journal		

S. D. Prajapati

Sr No	Date	Title of Seminar / Workshop/Conference	Name and Place of Organizing Institute	Paper Presented? Yes/No	Remarks
1	16-17/10/99	Gujarat Hnidi Pradhayapak Parisad Adhivesan	Arts, Commerce College, Idar	No	State Level
2	03/02/03	Madhy Kalin Hindi Sahitya Ka Punarmulyankan	Arts , Commerce College , Talod	Yes	State Level
3	30/09/06	Aatankavad Evam Bharat Ki Antrik Suraksha Ke Samane Padkar	Patrakarvay Vibhag , Patan	No	State Level
4	14/03/07	Mahadevi Jamn Satabadi	S.B.Mahila Arts College Himatnagar	Yes	State Level
5	23/09/07	Aachary Hajariprasad Drivedi Janmsatabdi	H.K.Arts College Ahmedabad	No	National Level
6	02/10/07	21 st Sadi Me Hindi Sahitya- Chunotiya Evam Sambhavanaye	C.M. Arts College , Viramgam	No	National Level

7	16/03/08	Aacharya Hajariprasad Drivedi Janmsatabdi	Arts College , Idar	No	National Level
8	12/10/08	Jansanchar Madhyam Evam Hindi	Gurjar Bharti , Gandhinagar	No	National Level
9	7-8-09/05/09	All India Hemchandracharya Samaroh	H.N.G.U , Patan	No	National Level
10	19-20/12/09	Sahityakar Aacharya Hajariprasad Drivedi	Arts College , Modasa	Yes	State Level
11	9-10/01/10	Hindi Gujarati Dalit Sahitya	Arts, Commerce College , Kheralu	Yes	National Level
12	18-19/01/10	Adhunik Hindi Kavita Me Vyang	Arts College , Samadagi	Yes	State Level
13	29-30/01/10	Sathottari Upanyaso Me Mahila Rachanakaro Ki Bhumika	Hindi Sahitya Akademi, Gadhinar	No	National Level
14	19/12/10	Shamsherbahadur Janmsatabdi	Gurjar Bharti Gandhinagar	Yes	National Level
15	13-14/12/10	Aatmkhata Savrup Or Vikas	S.R.Maheta Arts College , Ahmedabad	Yes	National Level
16	03/01/11	Hindi Mahila Khatakaro Ke Sahitya Me Nari Vimras	N.S.Patel Arts College Anand	Yes	National Level
17	10-11/01/11	Pramchandotar Tatha Sahityame Dalit Vimras	Arts College , Patan	Yes	National Level
18	23/01/11	Hindi Khata Sahitya Me Dalit Vimras	N.S.Patel Arts College Anand	Yes	National Level
19	29/09/12	Narivad –Samaj Evam Sahitya Ke Pariprex Me	Gujarat Arts Commerce College, Ahmedabad	Yes	National Level
20	30/09/00 to 01/10/00	Hindi Upanayas Karyashala	Arts College Amreli	No	State Level
21	29-30/06/09	Hindi Sikshak Sandarsika Nirman	N.C.E.R.T Hindi Vibhag, New Delhi	Yes	National Level
22	24-27/08/09	Hindi Sikshak Sandarsika Nirman	N.C.E.R.T Hindi Vibhag, New Delhi	Yes	National Level
23	26-30/10/09	Hindi Sikshak Sandarsika Nirman	N.C.E.R.T Hindi Vibhag, New Delhi	Yes	National Level
24	31/07/11	Gujarat Mahavidhyalayo Ke Hindi Siksian Ki Vartman Sthiti-Samsya or Samadhan	Kendriy Hindi Sanshan , Agra- Ahmedabad	Yes	National Level

*-25	4-13/01/12	Prasiksan Evam Yogyata Nirman Karyashala	K.C.G. Gadhinar	Yes	State Level
26	12-18/03/12	Sahitya Evam Film Ka Tulanatamak Adhayan	Academic Staff College, Ahmedabad	Yes	National Level
27	18/03/12	Sahitya Bhasa Sanshodan	Arts College Patan	Yes	State Level

35. SWOC analysis of the department and Future plans

1 Strength of department:

- Only in Hindi in the Arts faculty P.G. Classes since 1984.
- Qualified experience and enthusiastic teachers are in the department.
- High results.
- Sufficient staff.
- Member of Board study since Dec.2002 to Dec.2011.(Dr.R.R. Pandey)
- All teachers are paper setters up to P.G. level.
- University representative(Dr. R.R. Pandye)
- Subject expert in H.N.G.U.(Shri S.M. Vaghera)
- Department organized various activities regularly. For the students as workshop, quiz, kavya pathan, seminar etc.
- Awareness of students regularity.
- Hindi books are available in high proportion.

2 Weakness of department:

- Research is not pursued as it should be.
- Our the lack of the knowledge of English and computers on the part of teachers proves to be a hindrance in updating themselves.
- Since there are lesser job opportunities, the number of the students opting the subject goes on dwindling.
- The college being situated in a rural area, the insufficient conveyance obstructs the students from participating in the extra-curricular activities.
- Because of their lack of interest in literature the students bunk the classes which adversely affects teaching. The students don't have a larger scope for the selection of subject.

3 Opportunity-

- **Not** only since independence but since ancient time Gujarati people love hindi heartily. Due to father of nation Gandhiji's efforts Hindi was widely accepted as a language of nation except this.
- Coaching class for competitive exams viz UPSC,GPSC.

- Various skill development workshop e.g., writing skills, personality skill, translation skills, performance skills etc.
- To enhance interdisciplinary approach.
- Coaching Class for competitive examinations.
- To start journalism course.

4 Challenges-

- Approximately before 4-5 years this language faces some unfavorable atmosphere due to secondly and higher secondary educational policies of Gujarat govt. such policies reduce the students offering Hindi as there interesting subject. Due to that there are lesser job opportunities for graduates in Hindi. So this subjects is in crisis.
- Due to the attraction towards professional courses it is difficult to save Hindi as a subject.
- We are facing the greatest challenge of saving our national language.
- Saving Hindi, as a national language in the era of globalization is a matter of concern.

Future plans:

- Such challenges created a gloomy atmosphere for hindi subject but many enthusiastic scholars and college teachers collectively visited this secondary school and made efforts among students and teachers to keep interest towards hindi. This cloud of disappointment dispirited due to the respect towards hindi of the Gujarati people. The efforts are still contained to keep this dear language of the people alive and active.
- Enrich the central library and to establish a department library
- Research facility
- To make the more books for competitive exams available.
- We will try our best to improve our knowledge of English and Computer.
- We would like to arrange various programmes to bring awareness regarding the importance of Hindi as a subject and to inculcate love for national language in students as well as people in general.
- Creative writing.
- Performance skill.
- Up-gradation of Digital Language Lab by adding software.

Highlights:

- Dr. R.R. Pandey was member of the Board of study-Hindi since Dec. 2002 to Dec.2011.
- He was also appointed as a Co-ordinator M.Phil Hindi since June. 2007 by Hem. North Gujarat University, Patan.
- He also actively contributed in designing the syllabus of M.Phil Hindi in Gujarat Vidhyapith.

- He is also paper setter for P.G. in Gujarta University and Gujarat Vidhyapith in Ahmedabad.
- In Hem. North Gujarat University he has been also paper setter since 1997 at U.G. level and since 2000 at P.G. & M.Phil level.
- He has been P.G. Incharge Hindi since 2000 at Pilvai College.
- Shri S.M. Vaghera and Dr. S.D. Prajapati both are paper setters in Hem. North Gujarat University at U.G. & P.G. level.
- Dr. S.D. Prajapati attended the workshop of N.C.E.R.T. Delhi.
- He has to his credit many research papers presented in various seminars, workshops at the state as well as national level.
- Dr. R.R. Pandey is the University representative for Hindi Interview committee.
- Shri S.M. Vaghera is a subject expert in H.N.G.U.

Evaluative Report of the History Department

1. Name of the department : **History**
2. Year of Establishment : **June 1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/ Year	Course Offered		
		Core Compulsory	Core Elective	Elective Option
B. A.	Semester I	CC101, CC102	CE101, CE102	EO101
	Semester II	CC201, CC202	CE201, CE202	EO102
	Semester III	CC303 TO 305	CE 303, CE 304	-
	Semester IV	CC403TO 405	CE403, CE404	-
	T Y B Sc	Paper VI Paper VII Paper VIII Paper IX Paper X Paper XI	Nil	Nil

4. Names of Interdisciplinary courses and the departments/units involved : **NIL**
5. Annual/ semester/choice based credit system (programme wise)
Semester and CBCS has been implemented at UG level since 2011-12 where as in T.Y.B.A still the annual system is in force.
6. Participation of the department in the courses offered by other departments **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :**NIL**
8. Details of courses/programmes discontinued (if any) with reasons **NIL**
9. Number of Teaching posts

Designation	Sanctioned/ Required	Filled
Professors	0	0
Associate Professors	2	2
Asst. Professors	0	0

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
M.B. Datir	M.A	Asso.professor	Entire History	32	-
K.P.Chaudhary	M.A., M.Phil	Asst.Professor	Entire History	12	-

11. List of senior visiting faculty : **NIL**
12. Percentage of lectures delivered and practical classes handled(programme wise)

by temporary faculty : **NIL**

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B.A.	484	2	242:1
2009-10	B.A.	461	2	230:1
2010-11	B.A.	413	2	206:1
2011-12	B.A.	409	2	204:1
2012-13	B.A.	377	2	188:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : **NIL**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	M.B. Datir	Asso.professor	PG
2	K.P.Chaudhary	Asst.Professor	MPhil

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : **NIL**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : **NIL**

18. Research Centre /facility recognized by the University **NIL**

19. Publications: **NIL**

20. Areas of consultancy and income generated : **NIL**

21. Faculty as members in : **NIL**

a) National committees b) International Committees c) Editorial Boards....

22..Student projects : **NIL**

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students : **NIL**

24. List of eminent academicians and scientists/ visitors to the department

Sr. No.	Year	Subject/ Topic	Name of the Faculty
1	2010-11	Remedial Coaching for SC, ST, OBC, Minority, PH, BPL Students	College faculty of History Department
2	2011-12	Nature of two world wars	Pro. R.M.Chaudhary
3	2012-13	Ancient History	Dr. Naresh Parikh

25. Seminars/ Conferences/Workshops organized & the source of funding : NIL

a)National

b)International

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
B.A	125	125	90	35	125	72	91.67%
Batch 2 : From 2007-08 to 2009-10							
B.A	157	157	124	33	157	79	96.20%
Batch 3 : From 2008-09 to 2010-11							
B.A	117	117	90	27	117	70	91.43%
Batch 4 : From 2009-10 to 2011-12							
B.A	90	90	60	30	90	67	85.07%

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

There is no such a system in institute to record these types of data.

29. Student progression

Student progression	Against % enrolled			
	2008-09	2009-10	2010-11	2011-12
Enrolled Students	73	95	70	68
UG to PG/Higher Edu	56%	52%	89%	33%
PG to M.Phil.	0	0	0	0
PG to Ph.D.	0	0	0	0
Ph.D. to Post-Doctoral	0	0	0	0
Employed				
Campus selection	0	0	0	0
Other than campus recruitment	0	0	0	0
Entrepreneurship/Self-employment	44%	48%	11%	67%

30. Details of Infrastructural facilities

- a) Library Yes with 1721 books and 16 CDs = 1737
- b) Internet facilities for Staff & Students Yes
- c) Class rooms with ICT facility Yes
- d) Laboratories N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies. :Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

Sr. No.	Year	Subject/ Topic	Name of the Faculty
1	3to 5 th jan.2008	Archaeological Seminar	Arts college, Vadali
2	22 to 24 th Dec.2009	Archaeological Seminar	University Bhavan Patan
3	7 to 9 th Jan.2010	History & Culture seminar	Sadara
4	10 to 12 th Dec. 2011	Archaeological Seminar	H.N.G.U. Patan
5	2010-11	Remedial Coaching for SC, ST, OBC, Minority, PH, BPL Students	College faculty of History Dept.
6	2011-12	Nature of two world wars	Pro. R.M.Chaudhary
7	2012-13	Ancient History	Dr. Naresh Parikh

33. Teaching methods adopted to improve student learning

- Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none">• PPT presentation through Audio-Visual aids• Videos of Subjects• OHP• Charts• Live & recorded video lecturers of SANDHAN	<ul style="list-style-type: none">• Assignments• Seminars• Workshops• Group Discussions• Active participation through Question-Answering• Unit Tests, Surprised Tests• Quiz
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities
NIL

35. SWOC analysis of the department and Future plans

1 Strength of department

- High Result
- Highly experience Faculty
- Strength of students is very high.
- Sufficient Staff
- Member of Board of Studies since last 20 years (M..B.Datir)
- Chairman in History subject from 2009-10 to 2011-12 in H.N.G.U.Patan

- Former Member of Academic Council - H.N.G.U.Patan
- Subject Experts in H.N.G.U. Colleges (M.B.Datir)
- Remedial coaching classes
- A remarkable works for semester courses.

2 Weakness of department

- Rural area
- Less research work
- Irregularity of students in class
- Less use of AV Classes
- Less availability of transportation

3 Opportunity

- To start PG center
- Coaching class for competitive exams viz UPSC, GPSC....
- Survey and data collection
- Job opportunity
- To arrange workshop and seminars.

4 Challenges

- Day by day students' strength is decrease
- Science and commerce courses
- Rural area

Future plans:

- Reach Library
- Research facility
- Avail of books for competitive exams
- To start PG center
- To start competitive exams coaching classes
- To undergo with PhD
- Do more research work

Evaluative Report of the Sanskrit Department

1. Name of the department : **Sanskrit**
2. Year of Establishment : **June 1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/ Year	Course Offered			
		Core Compulsory	Core Elective	Foundation Elective	Elective Option
B. A.	Semester I	CC 101, CC 102	CE 101, CE 102	FE 104	EO 105
	Semester II	CC 201, CC 202	CE 201, CE 202	FE 104	EO 105
	Semester III	CC 303 TO 305	CE 303, CE 304	-	-
	Semester IV	CC 403 TO 405	CE 403, CE 404	-	-
	T Y B A	Paper VI Paper VII Paper VIII Paper IX Paper X Paper XI	Nil	Nil	Nil

4. Names of Interdisciplinary courses and the departments/units involved : **NIL**
5. Annual/ semester/choice based credit system (programme wise) :
Semester and CBCS have been implemented at UG level since 2011-12 where as in TYBA still the annual system is in force.
6. Participation of the department in the courses offered by other departments : **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
NIL
8. Details of courses/programmes discontinued (if any) with reasons : **NIL**
9. Number of Teaching posts :

Designation	Sanctioned /Required	Filled
Professors	-	-
Associate Professors	03	03
Asst. Professors	-	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience		No. of Ph.D. Students guided for the last 4 years
				UG	PG	
Dr.M.R.Pandya	MA,M.Ed,Ph.D	Asso.Prof.	-	25	18	NIL
Dr.I.S.Vaghani	MA,B.Ed,Ph.D.	Asso.Prof	-	22	15	NIL
Dr.M.S.Prajapati	MA,Ph.D	Asso.Prof	-	20	12	06

11. List of senior visiting faculty : **NIL**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : **NIL**

13. Student -Teacher Ratio (programme wise) :

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-2009	B.A.	FY to TY 700	03	234:1
2009-2010	B.A.	704	03	235:1
2010-2011	B.A.	701	03	234:1
2011-2012	B.A.	647	03	216:1
2012-2013	B.A.	469	03	157:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : **NIL**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	Dr.M.R.Pandya	Associate professor	MA. ,M.Ed.,Ph.D.
2	Dr.I.S.Vaghani	Associate Professor	M.A.,B.Ed.,Ph.D.
3	Dr.M.S.Prajapati	Associate Professor	M.A.,Ph.D.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

✚ UGC has sanctioned following MRP of Dr M S Prajapati.

Title: “Akhyayikas connected with udgith of the chandogyopanisad”

Senction No.: 23-322/12 (WRO) Dated: 18/02/13

Amount Rs.: 1,00,000/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : **NIL**

18. Research Centre /facility recognized by the University : **NIL**

19. Publications:

1	Modern Sanskrit Prose Writer Dr. Abhiraj	Parshva Prakashan,	2008
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	Mishra As A Story Writer	Ahemedabad	
2	A Cultural Review of Bruhasaptapadi	Sarsvati Prakashan, Ahmedabad	2009
3	Sanskrit short story writer Dr. Banmali Bishwal : An Introduction as a short story writer	Bharat Publication, Ahmedabad	2013
4	Shivamahimnastotradi	Dr. M.R. Pandya	2013

*** a) Publication per faculty :**

- Naishadhcharit Mahakavyaman Rajdharm Parshva Prakashan, Ahmedabad By Dr.I.S. Vaghani
- Madhumalti, Panav Madhurya By Dr.M.S. Prajapati By Dr.M.R. Pandya

*** Books Written : 04**

*** Books with ISBN/ISSN numbers with details of publishers :**

Dr.M.R.Pandya ISBN : 978 – 81 – 9245010 – 6 – 0 Sanskrit Short Story writer Dr.Banmali Bishwal : an introduction as a short story writer

*** Citation Index : NIL**

*** SNIP : NIL**

*** SJR : NIL**

*** Impact factor : NIL**

*** h-index : NIL**

20. Areas of consultancy and income generated : NIL

21. Faculty as members in : NIL

a) National committees b) International Committees c) Editorial Boards.... :

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme : NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : NIL

23. Awards/ Recognitions received by faculty and students :

(3) Dr.M.S. Prajapati book titled “Panchamahakavyama Vanaspati” was given the award of ‘The Best Book’ by Gujarat Sahitya academy, Gandhinagar, in 2009.

(4) Sathavara Sarika TYBA Roll No. 18 Swarnim Gujarat Saptah Nibandh Spardha Second Number

24. List of eminent academicians and scientists/ visitors to the department :

A Scholarly lecture by Dr.Vijay Pandya and Dr.Harshdev Madhav was delivered on 11-2-2013

25. Seminars/ Conferences/Workshops organized & the source of funding :

a)National

Seminars/Workshops/Conferences/Courses Attended By Teachers

Sr No.	Date	Title of Seminar / Workshop/Conference	Name and Place of Organizing Institute	Paper Presented? Yes/No	Remarks
Dr. M.R. Pandya					
1	8-9/03/07	Greatness of Bhavan's Fortune	Anart Sanskrit Sanskriti Svadhyay sansthan, Mehsana	Yes	
2	19/09/07	The secret of untouchability	Sanskrit seva samiti & Santaram mandir , Nadiyad	Yes	
3	18-19/01/08	Rasvichar, Bharat & Aristotale	R.H.Patel College & Guj. Sahitya Aca.	No	
4	28/02/08	All India Hemachandracharya Samaroh	Department of H.N.G.Uni. Patan	No	
5	24/03/08	The doctrine of life in Bhagvad Geeta	Anart Sanskrit Sanskriti Svadhyay sansthan, Mehsana	Yes	
6	26/03/08	Sankrit sahitya ma Samajik chetana	ankrit sahitya Academi & H.K.Arts College , Ahemedabad	Yes	
7	30/03/08	Feature of Eternal Shiv Element	Arts college Mehsana	Yes	
8	13/10/08	Darshan Parishad Seminar	L.D.Arts college Ahemedabad	No	
9	17/12/08	Kalidas Ev Kalidas	Arts College Anand	No	
10	15/02/09	Mahakavi Bhasa And Sanskrit drama	Sanskrit Sevasamiti & Dakor Pathshala	Yes	
11	07/03/09	Morden Interpretation Of Ancient Characters	R.H.Patel College,Ahemedabad & Sanskrit Sahitya Academi G'nagar	No	
12	15/03/09	Modern Sanskrit lit.	Gujarat rajya Sanskrit sahitya academi & H.K.Arts College,Idar	Yes	
13	30/03/09	Tragedy in the play Urubhanga: Atragic Play	Mahila Arts college & Sanskrit Academi G'nagar	Yes	
14	03/04/09	Feature of Rudradevata	Prachya vidya mandir vadodara	Yes	
15	19-20/12/09	Narichetana Ane Krishna Charit	R.H.Patel College Ahemedabad & Sanskri Academi G'nagar	No	

16	25-27/12/09	National Sanskrit Seminar	Gujarat rajya Sankrit Adhyapak Mandal & Dayanand Sarsavati vishvavidyalay, Ajamer	Yes	National Seminar
17	31/12/09	One day State level Seminar	Sanskrit Academi G'nagar & Arts & Sci.College,Kalol	Yes	
18	24/01/10	Kavyashastra National Seminar	Arts & Comm.College Balasinor	Yes	National Seminar
19	26-27/02/10	National Seminar	Arts & Comm. College Shamalaji	Yes	National Seminar
20	5-6/03/10	Contribution of Guj. In Sanskrit Literature	Mahila Arts college Vijapur& Anart San. Santhan	Yes	
21	24/03/10	Vedoni Lokabhogyata	Prachyavidyamandir Baroda	Yes	
22	27/03/10	One day State level Seminar	Arts & Comm. College Khedabrahama	Yes	U.G.C.
23	17-18/09/10	Sanskar Vimarsa Sangoshthi	Samarpan Arts College Himatnagar & Aryasamaj G'nagar	Yes	
24	4/12/10	Sanskrit Subhashito Ane Suktio	Arts college Himatanagar	Yes	
25	11/1/11	Languages-Rasa & Dhvani	C.U.Shah Arts college A'bad	No	
26	25-27/02/11	Akhilbharatiy Hemchandracharya Samaroh	Sankrit Dep. H.N.G.Uni. Patan	Yes	National Seminar
27	05/03/11	Shrimad Bhagavad Geeta ma Yuvanone Prerana	, Sanskrit sahitya Academi G'nagar & Arts & Comm. College Idar	Yes	
28	18-19/12/11	Woman sensibility in Bhagna Panjar	Nimbark Shodh Sansthan Himmatnagar	Yes	National Seminar
29	21/01/12	Baudhdha Religion & Indian society	Sanskrit sahitya Academi G'nagar & C.B.patel Arts & College,Nadiyad	Yes	National Seminar
30	16-18/03/12	Akhilbharatiy Hemchandracharya samaroh	Sanskrit Dep. H.N.G.Uni. Patan	Yes	National Seminar
31	24-25/03/12	INTERNATIONAL Sanskrit Conference	Shree Somanath Sanskrit Uni. & Sanskrit Sahitya Academi G'nagar	Yes	INTERNATIONAL
32	26/03/12	Smt.A.P.Patel Arts & Com.College, Naroda	Patha Parampara Ane Patha Chayan	Yes	National Varkashop
33	1-2/09/12	INTERNATIONAL Sanskrit Conference Ane	Smt. P.N.R. Shah Mahila Arts & Com.	Yes	National Seminar

		Jain Sanskrit Katha Sahitya	College, Palitana		
Dr. I.S. Vaghani					
1	17/01/10	Seminar	Uvarsad (Gandhinagar)	No	Nil
2	3-4/12/10	National Conference	Somnath	Yes	Nil
3	23/08/12	Workshop	Ahmedabad	No	Nil
Dr.M.S. Prajapati					
1	20-21/02/08		Ambaji, Training Seminar for Lecturers.		
2	28/02/08 to 01/03/08	Hemachandracarya Samaroh	28 Feb to 1 March 2008, All-India Hemchandracharya, Patan.		
3	8-9/03/08	National Seminar on Veda and Vedanta.	Shri Anart Sanskrit Sanskruti Swadhyay Santhan, And Arts & Commerce College Prantij. Place-Sampad.	Yes	
4	24/03/08	Indian Vedant	Shri Anart Sanskrit Sanskruti Swadhyay Santhan.	Yes	
5	25/03/08	Seminar on Upanishad Sahitya	Samarpan Arts and Commerce College, Gandhinagar.	Yes	
6	30/03/08		Mehsana, Arts and Science College Mehsana.	Yes	
7	27-28/09/08	Annual Seminar on NSS.	Arts & Commerce College Disa. Place-Sundha.		
8	15/03/09	Sanskrit Sahitya	Arts & Commerce College, Idar. And Sanskrit Sahitya Academi Gandhinagar	Yes	
9	07/05/09	Seminar on Acharya Hemchandra 'Hema-Patha-satra'	HNG Uni. Patan. Sanskrit Annual Conference Gujarat State Uni. & College Sanskrit Teachers Union		
10	08/08/09	Ethnobotany & Biodiversity : The natural biological capital of the earth.	Arts, Science & Commerce College, Pilvai.		
11	15-16/08/09	Seminar on 'Ved'	Arts & Commerce College Mansa.		
12	17/09/09	HIV/AIDS	The Young Citizen Of India Charitable Trust Mehsana & HNG. Uni. Patan		

13	09/01/10.	Indian Philosophy.	Arts & Commerce College Kheralu.	Yes	
14	17/01/10.	Shrimad Bhagavadgita Darshan.	Sankaralok,Uvarsad & Shri Anart Sanskrit Sanskruti Swadhyay Sansthan.	Yes	
15	26-27/02/10.	National Seminar on Morden Sanskrit Lit. In the Context of Ancient Sanskrit Literature.	Arts College Shamlaji.		
16	13-14/03/10	National Seminar on Gujarat Darshan.	Shri Anart Sanskrit Sanskruti Swadhyay Santhan. Place- Somanath.		
17	27/03/10	Philosophy of Upanishads	Arts & Commerce College Khedbrahma.	Yes	
18	30/07/10	Sanskrit Mahakavya nu Punarmulyankan.	Arts \$ Commerce college Talod.		
19	10-12/09/10	Upanishad Sudha	Kailas Gurukul,Mahuva.		
20	04/01/11	Shri Ram- Shri Krishna Jivan Sandash.	Arts and Commerce Idar.		
21	12/01/11	HIV/AIDS	The Young Citizen Of India Charitable Trust Mehsana & HNG. Uni.Patan		
22	25/01/11	Cryptography@ Computer & Safety.	C.U.Shah Science College,Ahmedabad.		
23	25-27/02/11	All-India Hemachandracarya Samaroh	HNG.Uni.Patan. Sanskrit Department.	Yes	
24	5-6/03/11	Environment in Sanskrit Sahitya.	Shri Anart Sanskrit Sanskruti Swadhyay Sansthan. Place- Mehsana.	Yes	

b) International

Sr No.	Date	Title of Seminar / Workshop/Conference	Name and Place of Organizing Institute	Paper Presented? Yes/No	Remarks
Dr. M.R. Pandya					
1	24-25/03/12	INTERNATIONAL Sanskrit Conference	Shree Somanath Sanskrit Uni. & Sanskrit Sahitya Academi G'nagar	Yes	--
2	1-2/09/12	INTERNATIONAL Sanskrit Conference Ane Jain Sanskrit Katha Sahitya	Smt. P.N.R. Shah Mahila Arts & Com. College, Palitana	Yes	--

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
BA	81	81	65	16	81	39	97.43
Batch 2 : From 2007-08 to 2009-10							
BA	32	32	19	13	32	25	96.00
Batch 3 : From 2008-09 to 2010-11							
BA	31	31	20	11	31	20	100.00
Batch 4 : From 2009-10 to 2011-12							
BA	55	55	41	14	55	29	82.76

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA	100	NIL	NIL

28. How many students have cleared national and state competitive examinations

such as NET, SLET, GATE, Civil services, Defense services, etc. :

There is no such a system in institute to recode these types of data

29. Student progression

Student progression	Year	Appeared	Pass	P.G.& Higher Edu.	Self Employed
UG to PG/Higher Edu	2008-09	42	38	51.28 %	48.72 %
	2009-10	26	24	96.00 %	4.00 %
	2010-11	20	20	100 %	-
	2011-12	29	24	82.75 %	17.25 %
PG to M.Phil.	Nil	Nil	Nil	Nil	NIL
PG to Ph.D.	Nil	Nil	Nil	Nil	NIL
Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	NIL
Employed					
• Campus selection	Nil	Nil	Nil	Nil	NIL
• Other than campus recruitment					
Entrepreneurship/Self-employment	Nil	Nil	Nil	Nil	NIL

30. Details of Infrastructural facilities

a) Library : Yes with 3575 Books and 23 CD = 3598

b) Internet facilities for Staff & Students : Yes

c) Class rooms with ICT facility : Yes

d) Laboratories : Not available

31. Number of students receiving financial assistance from college, university, government or other agencies : NIL

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Students' Activities Done By Department During Last Five Years

Sr No	Date	Name of Activities	Name of Participants	Class (Roll No)	No of Benefited Students	Remarks
1	18/07/08	Gurupurnima Festival	Sarika M. Sathwara Vijay N. Raval Shital D. Patel Rakesh M. Jadhav Anjana R. Patel	FYBA-C-9 FYBA-C-8 TYBA-B-27 TYBA-B-4 TYBA-B-11	32	
2	11/08/08	Listening to Shivstotra Programme	FYBA to TYBA	-	22	Place Biology Lab.
3	05/09/08	Teachers' Day	Sarika M. Sathwara Vijay N. Raval Harshad Patel Rakesh M. Jadhav Shital D. Patel Anjana R. Patel Parul A. Patel	FYBA-C-9 FYBA-C-8 SYBA-D-6 TYBA-B-4 TYBA-B-27 TYBA-B-11 TYBA-B-26	FY-35 SY-22 TY-16	
4	22/09/08 to 29/09/08	Saptarshi Knowledge Week	Barot Jitendra M Jadav Rakesh M Kadia Manoj M Patel Ashvin D Patel Dharmendra L Patel Vijay M Rathod Nakulsinh D	TYBA-B-1 TYBA-B-4 TYBA-B-5 TYBA-B-14 TYBA-B-17 TYBA-B-30 TYBA-B-33	19	
5	01/10/08	'Navdurgaswarup' 'The Incarnation of Durga'	Bhatt Dhara A Patel Asha M Patel Chetna C Patel Anjana R Patel Parul A Patel Shital D	TYBA-B-2 TYBA-B-13 TYBA-B-15 TYBA-B-11 TYBA-B-26 TYBA-B-27	19	
6	13/12/08	'The test for the knowledge of Indian Culture'	31 Students		31	
7	07/07/09	Gurupurnima	All Students	SYBA & TYBA		
8	05/09/09	Teachers' Day	Harshad Patel Madhu Goswami	TYBA TYBA	02	
9	14/11/09	'The test for the knowledge of Indian Culture'	All Students	FYBA & TYBA		
10	05/09/10	Teachers' Day	Vijay Raval Sarika Sathwara M	TYBA TYBA	02	

11	25/09/10 to 01/10/10	Essay Contest Winner	Sarika Sathvara M	TYBA		
12	05/09/11	Teachers' Day	Leuva Umesh P	TYBA		
13	16/10/12	'Navdurgaswaru p' 'The Incarnation of Durga'	All Students	FYBA to TYBA	All Students	
14	27/10/12	'The test for the knowledge of Indian Culture'	All Faculty Students	BA, B.Com.& B.Sc. Sem- I/III	72	
15	21/02/13	A Scholarly Lecture By Dr. Vijay Pandya & Harshdev Madhav	All Students	FYBA to TYBA	All Students	

**Details of Participation of Students in Various Seminars/Workshops/
Conferences/ Competitions outside the College during Last Five Years**

Date	Name of Students	Class / Roll No.	Name of Seminar/ Workshops	Place of Seminar/Works hops	Rema rks
21/01/10 to 24/01/10	All Sanskrit Students	TYBA	Communication Skills Development	Pilvai College Room No.C-1	
24/09/11	Rathod Sujitsinh K. Vaghela Mahendra B.	TYBA-23 TYBA-24	NSS Day Seminar	Shankheshwar	
23/01/11 to 26/01/11	Rathod Sujitsinh K. Vaghela Mahendra B. Rathod Malkesh K.	TYBA-23 TYBA-24 TYBA-21	Seminar on Drama Skills	Pilvai College Room No.C-1	
10/12/11 to 18/12/11	Rathod Sujitsinh K. Vaghela Mahendra B. Rathod Malkesh K.	TYBA-23 TYBA-24 TYBA-21	A Seminar on the Saga of the Nation Pransala	At. Pransala Ta. Upleta Di.Rajkot	

33. Teaching methods adopted to improve student learning

<ul style="list-style-type: none"> • PPT presentation through Audio-Visual aids • Videos of Subjects • Live & recorded video lecturers of SANDHAN • Quiz 	<ul style="list-style-type: none"> • Assignments • Seminars • Workshops • Group Discussions • Active participation through Question-Answering • Unit Tests, Surprise Tests
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities

NIL

35. SWOC analysis of the department and Future plans :

1. Strength of department-

- Well Qualified experienced and enthusiastic staff
- Sufficient staff
- High Result in the University exams
- Highly experienced Faculty
- Sufficient Staff

2 Weakness of department

- Research work is carried out in insufficient degree
- Our lack of knowledge of English and Computer proves to be a handicap for us.

3 Opportunity-

- To start PG center
- Coaching class for competitive exams viz UPSC,GPSC....
- Ancient language held in high esteem as ‘Devbhasha’

4 Challenges-

- Our subject provides meager job opportunities
- Saving Gujarati as a regional language in the era of globalization is a matter of concern

Future Plans:

- Enrich the central library and to establish a departmental library
- Research facility
- To make the books for competitive exams available.
- We will try our best to improve our knowledge of English and Computer.

Highlights :

- All the teachers on the department are Ph.D. Dr.M.R.Pandya Possesses an extra Qualification of M.Ed.Dr.I.S.Vaghani has an extra qualification of B.Ed.
- Dr.M.R.Pandya has been a member of ‘The Board of Studies’ since June-2012
- Moreover, he had also been in the same body from 23/12/05 to 23/12/08
- He is a Member of the School Education Board,Gujarat State,Gandhinagar
- He is also Chairman and Paper setter in Sanskrit in the University Exams in Hem.N.G.University,Patan
- He has rendered his services as a Subject Expert in various colleges for the selection of candidate for the post of Asst.Profrssors.
- He is the Faculty Incharge of Arts Faculty
- He is the Exam Controller of Arts Faculty
- Dr.I.S.Vaghani rendered his services as a Subject Expert in various colleges for the selection of candidate for the post of Asst. Profrssors.
- He has also delivered a lecture in BISAG

- Dr.M.S.Prajapati is a Ph.D.Guide in Hem. N.G.Univ., Patan
- Dr.M.S.Prajapati rendered his services as a Subject Expert in various colleges for the selection of candidate for the post of Asst.Profrssors.
- He is also the Co-ordinator of N.S.S.

Student Activity :

- Sathwara Sarika M.A. student of TYBA had stood Second in the Essay Contest organized by the Gujarat Government from 25-9-2010 to 1-10-2010 on the occasion of the celebration of the Golden Jubilee Year of Gujarat State.

Evaluative Report of the Economics Department

1. Name of the department : **Economics**
2. Year of Establishment : **June 1960**
3. Names of Programme / Courses offered (UG,)

Program me	Semester/Year	Course Offered	
		Core Compulsory	Subject Elective
B. A.	Semester I	CC 101 CC 102	CE 101 CE 102
	Semester II	CC 201 CC 202	CE 201 CE 202
	Semester III	CC 303 CC 304 CC 305	CE 303 CC 304
	Semester IV	CC 403 CC 404 CC 405	CE 403 CC 404
	T Y B A	Paper VI Paper VII Paper VIII Paper IX Paper X Paper XI	Nil

Program me	Semester/ Year	Course Offered		
		Core Compulsory	Core Elective	Elective Option
B. Com.	Semester I	CC 101	Nil	Nil
	Semester II	CC 105	Nil	Nil
	Semester III	CC 201	Nil	Nil
	Semester IV	CC 205	Nil	Nil
	T Y B Com	Money, finance system & Indian System	Nil	Nil

4. Names of Interdisciplinary courses and the departments/units involved : **NIL**
5. Annual/ semester/choice based credit system (program me wise):
Semester and CBCS has been implemented at UG level since 2011-12.
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil
8. Details of courses/programme discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts

Designation	Sanctioned	Filed
Professors	Nil	Nil

Associate Professors	01	01
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
K.S.Bhatt	M.A., M.Phil.	Asso. Professor	Entire Economics	21	Nil
J.R.Vaghela	D.M.E.,M.A., M.Phil., SET	Asst. Professor	Entire Economics	5	Nil

11. List of senior visiting faculty:

Ripal Patel, Minakshi Patel, Alpesh Patel, Heena Patel were visiting faculties.

12. Percentage of lectures delivered and practical classes handled(program me wise) by temporary faculty: Nil

13. Student -Teacher Ratio (program me wise)

Year	Program me	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B.A	224	2	112:1
	B.Com	73	2	37:1
2009-2010	B.A	224	2	112:1
	B.Com	101	2	51:1
2010-2011	B.A	264	2	132:1
	B.Com	144	2	72:1
2011-2012	B.A	226	2	113:1
	B.Com	225	2	113:1
2012-2013	B.A	189	2	95:1
	B.Com	229	2	115:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	K.S.Bhatt	Associate Professor	M.A., M.Phil.

2	J.R.Vaghela	Assistance Professor	D.M.E.,M.A., M.Phil., SET
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16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Nil

19. Publications:

*** a) Publication per faculty**

K.S BHATT-

- Regular Column on Economics in Aar par Magazine (weekly).
- Regular column on Economics and Social science in Gujaratmitra (Newspaper)
- Freelance writing of Articles on Economics (Budget, Inflation, FDI) in various Weeklies and Newspapers.

Ku. JIGNASHA R. VAGHELA

Sr. No.	Name of Book/Article	Name & Address of Publisher	Year	Vol./Page
1.	Industrial policy of India	Yojana, ISSN 0971-8397	Sept.-2012	Monthly Volume-741, page no.-24
2.	Effects of Information Technology on Indian Economy	Yojana, ISSN 0971-8397	Sept.- 2012	Monthly Volume-741, page no.-
3.	Economics 12 th std text cum guide	Atul Prakasan A'bad	2009	

Ku. JIGNASHA R. VAGHELA

Sr. No.	Title	Journal	Year	Vol./Page
1.	The Economics of climate change and its mitigation	Research journal of social and life sciences ISSN 0973-3914	June- 2012	Half Yearly Volume- 12-1 Page no.-156
2.	Nutrition, Diet & Sports performance	Research journal of social and life sciences ISSN 0973-3914	Dec-2012	Half Yearly Volume- 13-1 Page no.-215

20. Areas of consultancy and income generated : Nil

21. Faculty as members in :

K.S. BHATT

- Subject Expert of Economics in Gujarat Pathya Pustak Mandal (Higher Sec.)
- Subject Expert of Economics in Teacher's Training.
- Member of Board of Studies in Journalism in Kutch University.
- Visiting faculty in Mass Communication & Journalism Dept. of Guj. Univ.
- Guide & Viva Expert of MMCJ Dept. of Gujarat University.

- Member of Advising committee in Gujarati News Channels.
- State Co-ordinator of Arts Faculty in SANDHAN (Lectures through Satellite)

22. Student projects : Nil

a) Percentage of students who have done in-house projects including inter departmental/program me

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students : Nil

24. List of eminent academicians and scientists/ visitors to the department :

Nos.	Name	Subject	Date	Benefited Students
1	Shah Hemant Kumar	Market & Consumer	10-03-2009	TY Students
2	Patel Arvind Kumar	International Economics	12-03-2011	All Arts & Commerce Students

25. Seminars/ Conferences/Workshops organized & the source of funding : Nil

a) National

b) International

26. Student profile program me/course wise:

Name of the program me/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
B.A	53	53	49	4	53	17	52.44%
B.Com	31	31	29	2	31	19	89.00%
Batch 2 : From 2007-08 to 2009-10							
B.A	43	43	35	8	43	29	82.76%
B.Com	29	29	27	2	29	10	90.00%
Batch 3 : From 2008-09 to 2010-11							
B.A	102	102	90	12	102	37	86.49%
B.Com	47	47	38	9	47	20	70.00%
Batch 4 : From 2009-10 to 2011-12							
B.A	88	88	70	18	88	38	68.42%
B.Com	64	64	54	10	64	45	33.33%

*M=Male *F=Female

27. Diversity of Students

Name of the Program me/ Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	100	Nil	Nil
B.Com.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations

such as NET, SLET, GATE, Civil services, Defense services, etc.?

There is no such a system in institute to record these of data

29. Student progression

Year/ Particulars	2008-09	2009-10	2010-11	2011-12
Appeared	18	29	37	38
UG to PG	39%	41%	22%	14%
Self employed	61%	59%	78%	76%

30. Details of Infrastructural facilities

a) **Library:** Yes, with 1500 books & 50 CDS=1550

b) **Internet facilities for Staff & Students:** Yes

c) **Class rooms with ICT facility:** Yes

d) **Laboratories:** Nil

31. **Number of students receiving financial assistance from college, university, government or other agencies. :** Nil

32. **Details on student enrichment program me (special lectures / workshops / seminar) with external experts. :** Nil

33. Teaching methods adopted to improve student learning

Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none"> • PPT presentation through Audio-Visual aids • Live & recorded video lecturers of SANDHAN • Unit Tests, Surprised Tests 	<ul style="list-style-type: none"> • Assignments • Seminars • Workshops • Group Discussions • Active participation through Question-Answering
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34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**
Nil

35. SWOC analysis of the department and Future plans

1 Strength of department-

- Highly Qualified Staff.
- Greatly Resourced Library.
- Dynamic & Live Subject.

2 Weakness of department-

- Irregular attendance of students(Rural) due to poor public transportation services
- Lack of Staff.

3 Opportunity-

- Commercial Counseling,
- Commercial Surveying, Data Analysis program me .

- To start Professional Programming.

4 Challenges-

- Regular updating of data due to subject dynamicity,
- Field Work,
- To teach (rural agro based) students and to make them curious and have interest in this International Subject.

Future plans:

- To affiliate and collaborate with a Research Institute in Gujarat.
- Short term Survey handled through Students
- Local School Teacher's Training Programme through Department.
- Up gradation of infrastructure in Departmental facilities.
- To start lecture and course work with other Departments and Institutes.

Evaluative Report of the English Department

1. Name of the department: **English**
2. Year of Establishment: **1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **U.G.**
4. Names of Interdisciplinary courses and the departments/units involved : **Nil**
5. Annual/ semester/choice based credit system (programme wise)
T.Y.B.A. (Annual System) B.A./B.Com./B.Sc.Sem-I to IV (Sem. & CBSC)
6. Participation of the department in the courses offered by other departments:**NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
NIL
8. Details of courses/programmes discontinued (if any) with reasons : **NIL**
9. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	NIL	NIL
Associate Professors	02	02
Asst. Professors	NIL	NIL

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided
Dr. A.N. Dave	M.A.,Ph.D.	Asso. Professor	Comparative Literature	30	NIL
Shri B.P. Rao	M.A.	Asso. Professor		24	NIL

11. List of senior visiting faculty: **NIL**
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : **NIL**
13. Student -Teacher Ratio (programme wise) : Year: 2012-13

Programme	Students	Teachers	Student -Teacher Ratio
BA	765	02	368:1
B Com	200	02	100:1
B Sc	386	02	193:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : **NIL**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Dr. A.N. Dave-M.A.,Ph.D

Shri B.P. Rao-M.A.

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL**
17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received :**
Remedial course was conducted during 2010-11 & 2011-12 with the financial assistance of U.G.C.
18. **Research Centre /facility recognized by the University : NIL**
19. **Publications:**
 - * **a) Publication per faculty :: NIL**
 - * **Number of papers published in peer reviewed journals (national / international) by faculty and students : NIL**
 - * **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : NIL**
 - * **Monographs : NIL**
 - * **Chapter in Books : NIL**
 - * **Books Edited : NIL**
 - * **Books with ISBN/ISSN numbers with details of publishers : NIL**
 - * **Citation Index : NIL**
 - * **SNIP : NIL**
 - * **SJR : NIL**
 - * **Impact factor : NIL**
 - * **h-index : NIL**
20. **Areas of consultancy and income generated : NIL**
21. **Faculty as members in**
 - a) **National committees b) International Committees c) Editorial Boards : NIL**
22. **Student projects**
 - a) **Percentage of students who have done in-house projects including inter departmental/programme : NIL**
 - b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies : NIL**
23. **Awards/ Recognitions received by faculty and students**
 - **Ph.D. Degree awarded to Dr. A.N. Dave.**
24. **List of eminent academicians and scientists/ visitors to the department**
 - (5) **Dr. K.S. Bhatt : Dt. 08/10/10**
 - (6) **Prof. Tushar Pandya : Dt. 16/02/12**
25. **Seminars/ Conferences/Workshops organized & the source of funding**
 - a) **Nation : NIL**
 - b) **International : NIL**
26. **Student profile programme/course wise: NA**

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA. (Comp.Eng.)	100 %	NIL	NIL
B.Sc. (Comp.Eng.)	100 %	NIL	NIL
B.Com. (Comp.Eng.)	100 %	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Nil

29. Student progression: NA

30. Details of Infrastructural facilities

a) Library : Books – 2488 + CD-28 = 2516

b) Internet facilities for Staff & Students : Yes

c) Class rooms with ICT facility: Yes

d) Laboratories : 01 (DELL)

31. Number of students receiving financial assistance from college, university, government or other agencies : NIL

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

- Organized two Lecturer of subject experts on 08/10/10 and 16/02/12

33. Teaching methods adopted to improve student learning – Traditional.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
NIL

35. SWOC analysis of the department and Future plans

1. Strength of department-

- The H.O.D. of the Dept. holds a Ph.D. Degree in Comp. Lit. and has a Vast teaching experience of more than 35 years.
- Sufficient staff
- Well experienced, enthusiastic and qualified staff
- Due to our insistence and efforts we have been able to start English literature as a special subject at the UG level on self finance basis which was infact a drawback in an old and renowned institution like ours.

2 Weakness of department-

- Lack of interest in the use of ITC due to ignorance of computer knowledge.
- Research is not pursued as it should been the field of higher education.
- Lack of computer literacy.

3 Opportunity-

- We have started offering English as a Main Subject from 2012-13 on Self-Finance base, hence we envisage to start a P.G. centre here in future

4 Challenges-

- Despite the students being devoid of any feedback in English we enrich their knowledge to be efficient special English students.

Future Plans

- To enrich the library resources for the benefit of the students as well as the faculties
- Furtherence of special English as a subject up to research level gradually by putting in special effects and hard work on our part.

Highlights :

Dr. A.N. Dave :

- We impart training to the students for SCOPE exam written as well as online.
- We individually impart training to the students for GPSC and other comp. exam.
- Participated in DELL Training programme for Lab Co-ordinators from 20th July to 23rd July, 2009 held at H.M. Patel Inst. of English, Vallabh Vidyanagar.
- Addressed Students' providing them guidelines at a farewell function held at Madhi High School, Madhi on 02/02/13.
- Remained present as an expert in B.C.A. College, Nootan Sarva Vidyalay, Visnagar on 23/06/12.
- Remained present as an expert in Vadnagar Arts & Commerce College, Vadnagar on 18/09/12.
- Delivered a speech to trainee officers at Directorate of languages, Gandhinagar.
- Often invited for Shri Mad Bhagavat Saptah which remains a seven day programme of folk teaching.

Prof. B.P. Rao

- A member of 'The Board of Studies' (English) H.N.G.U., Patan from 2008 to 2011.
- Made very useful and practical suggestions in writing for redesigning the curriculum of comp. Eng. on the basis of an experience of 20 years of teaching at the undergraduate level which would be helpful in developing the communication skills of the U.G. students.
- Attended a NAAC sponsored two days state level seminar on 'IQAC:Its objective and practices' held at S.S. Mehta Arts and M.M. Patel Commerce College, Himmatnagar, on 8th and 9th January, 2010.

- Subject-expert-Rendered service as a subject expert for interviewing the candidates for the post of Asst. Prof. in five colleges during the Last 3 years.
- Attended seminars and conferences.

Evaluative Report of the Psychology Department

1. Name of the department : **Psychology**
2. Year of Establishment : **June 1960**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/ Year	Course Offered	
		Core Elective	Elective Option
B. A.	Semester I	CE101, CE102	FC105
	Semester II	CE201, CE202	FC 111
	Semester III	CE 303, CE 304	-
	Semester IV	CE407, CE408	-

4. Names of Interdisciplinary courses and the departments/units involved : **NIL**
5. Annual/ semester/choice based credit system (programme wise)
Semester and CBCS has been implemented at UG level since 2011-12.
6. Participation of the department in the courses offered by other departments : **NIL**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NIL**
8. Details of courses/programmes discontinued (if any) with reasons : **NIL**
9. Number of Teaching posts

Designation	Sanctioned/ Required	Filled
Professors	0	0
Associate Professors	1	1
Asst. Professors	0	0

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
M.A.Parmar	M.A.	Asso. Professor	Clinical Psychology	24	NIL

11. List of senior visiting faculty : **NIL**
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : **Nil [All Lecture delivered by permanent faculty]**

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-2009	B.A.	402	1	402:1
2009-2010	B.A.	429	1	429:1
2010-2011	B.A.	415	1	415:1
2011-2012	B.A.	466	1	466:1
2012-2013	B.A.	262	1	262:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	M.A.Parmar	Asso. Professor	PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre /facility recognized by the University NIL

19. Publications: NIL

* a) Publication per faculty

20. Areas of consultancy and income generated NIL

21. Faculty as members in NIL

a) National committees b) International Committees c) Editorial Boards....

22. Student projects : NIL

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students : NIL

24. List of eminent academicians and scientists/ visitors to the department : NIL

25. Seminars/ Conferences/Workshops organized & the source of funding : NIL

a)National

b)International

26. Student profile programme/course wise: Nil

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B.A.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

There is no such a system in institute to record these types of data.

29. Student progression : NA

30. Details of Infrastructural facilities

a) Library Yes with 891 books and 25 CDs = 916

b) Internet facilities for Staff & Students Yes

c) Class rooms with ICT facility Yes d) Laboratories : N.A.

31. Number of students receiving financial assistance from college, university, government or other agencies. : Nil

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts. : NIL

33. Teaching methods adopted to improve student learning

Beside traditional lecturer method following teaching aids and methods adopted to improve student learning.

<ul style="list-style-type: none">• PPT presentation through Audio-Visual aids• Videos of Subjects• OHP• Charts• Live & recorded video lectures of SANDHAN	<ul style="list-style-type: none">• Assignments• Seminars• Workshops• Group Discussions• Active participation through Question-Answering• Quiz
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NIL

35. SWOC analysis of the department and Future plans

1 Strength of department

- High Result
- Highly experience Faculty
- Sufficient Staff
- Member in Board of Studies (2005 to 2007)
- Also work as a sports co-ordinator

2 Weakness of department

- Rural area
- Less research work
- Insufficient staff
- Psychology is not a main subject in College.

3 Opportunity

- Coaching class for competitive exams.
- Give psychology as a main subject in T.Y.B.A

4 Challenges

- Rural area

- Other course in arts.
- Science and commerce courses

Future plans:

- Specialization in T.Y.B.A
- Enrichment of Library
- Research facility
- Avail of books for competitive exams

Evaluative Report of the Commerce Department

1. Name of the department : **Commerce**
2. Year of Establishment : **June,1980**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Semester/ Year	Course Offered				
		Core Compulsory	Core Elective	Subject Elective	Foundation	Soft Skill
B.Com	Semester I	CC 101 to 104	CE101 A	SE 101 B & SE 101 D	FC101G	SS 101 F
	Semester II	CC 105 to 108	CE 102 A	SE 102 B & SE 102 D	FC102 A	SS 102 F
	Semester III	CC 201 to 204	CE 201A & CE 202 A	SE 201 B & SE 201 D	FC201 A	-
	Semester IV	CC 205 to 208	CE 203A & CE 204 A	SE 202 B & SE 202 D	FC202 A	-
	T Y B.Com	Cost A/c IV, MGT A/c V, FMO&FM, BUS STAT, BUS LAWS, C.C., Economics.				

4. Names of Interdisciplinary courses and the departments/units involved
NIL
5. Annual/ semester/choice based credit system (programme wise)
We have adopted Semester & CBCS from year 2011-12. And still we have annual system in T.Y.B.com.
6. Participation of the department in the courses offered by other departments
NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NIL**
8. Details of courses/programmes discontinued (if any) with reasons :**NIL**
9. Number of Teaching posts

Designation	Sanctioned / Required	Filed
Professors	0	0
Associate Professors	2	2
Asst. Professors	1	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of	No. of Ph.D.
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				Experience	Students guided
D.J.Shah	M.Com	Faculty Incharge, Asso.Professor	Accountancy	22	N.A.
Dr.H.M.Dixit	M.Com, PhD	Asso.Professor	Statistics	23	N.A.
S.S.Mirza	M.Com, M.phil, SET, PGDHRD	Asst.Professor	Commerce/ Accountancy	03	N.A.

11. List of senior visiting faculty :

- Mrs. Yaminiben S Raval was a visiting faculty from 2010-11 to 2011-12.

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty

3 lectures per week by Mr. H.M.Prem in T.Y.B.Com (Business Laws)

Total Lecture per week	Lectures taken by temporary faculty	Percentage
57	3	5.26%

13. Student -Teacher Ratio (programme wise)

Year	Programme	No of Students of Department (X)	No of Teachers of Department (Y)	Students-Teacher Ratio (X/Y)
2008-09	B.Com	78	3	26:1
2009-10	B.Com	101	3	33:1
2010-11	B.Com	144	3	48:1
2011-12	B.Com	225	3	75:1
2012-13	B.Com	229	3	76:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled NIL

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Sr No	Name of Faculty	Designation	Qualifications
1	D.J.Shah	Faculty Incharge, Asso.Professor	M.Com
2	Dr. H.M.Dixit	Asso.Professor	M.Com, PhD
3	S.S. Mirza	Asst.Professor	M.Com, M.phil, SET, PGDHRD

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

The UGC has sanctioned the MRP of Mr S S Mirza.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL

18. Research Centre /facility recognized by the University : No

19. Publications:

* a) Publication per faculty

Sr. No.	Name of Faculty	No. of Research Paper	No. of Review of Article	Chapters' in Book
1	D.J.Shah	-	-	3
2	Dr. H.M.Dixit	2	1	1
3	S.S.Mirza	2	-	-

20. Areas of consultancy and income generated : NIL

21. Faculty as members in : NIL

a) National committees b) International Committees c) Editorial Boards....

22. Student projects NIL

a) Percentage of students who have done in-house projects including inter departmental/programme

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

23. Awards/ Recognitions received by faculty and students

- Our S.Y.B.Com student Patel Dushyant Amrutlal achieved second rank in H.N.G.U-Patan in the year 2009-10.

24. List of eminent academicians and scientists/ visitors to the department

Sr. No.	Date	Subject/ Topic	Name of the Faculty
1	26/09/2008	Career Guidance	By the Expert of VINIT Education Trust-Gandhinagar
2	20/07/09 to 25/07/ 2009	Yuvak sahakari talim varg	Mahesana jilla sahakari sangh-Mahesana
3	12/07/2010 to 17/07/2010	Yuvak sahakari talim varg	Mahesana jilla sahakari sangh-Mahesana
4	15/09/2010	Customer Awareness Programme	Pro. Hemantkumar Shah
5	05/10/2010	Cost Accountancy	Pro. B.S. Saiyed, Nadiad College
6	21/01/2011	Evergreen Faculty Commerce	Pro. R.M.Patel
7	21/01/2011	Consumer Protection	Dr.R.N.Desai
8	25/07/2011 to 30/07/2011	Yuvak sahakari talim varg	Mahesana jilla sahakari sangh-Mahesana
9	18/01/2012	Resume Building	Pro.Parth Modi & Pro. Zarana Padiya, MBA-MCA College, Palasar
10	23/01/2012	RTI Presentation	Deoartment of Social Work-Ganpat Uni-Kherava

11	18/9/2012	Expanding Horizons - Accountancy	Pro.S.S.Sodha
12	17/10/2012	Modern Banking	Shri J.K.Patel- BOI-Pilvai

25. Seminars/ Conferences/Workshops organized & the source of funding NIL

a)National

b)International

26. Student profile programme/course wise:

Name of the programme/ Course	Applications received	Selected	Enrolled			Students Appeared in Final Exam	Pass percentage
			*M	*F	Total		
Batch 1 : From 2006-07 to 2008-09							
B.Com	31	31	29	2	31	19	89.47%
Batch 2 : From 2007-08 to 2009-10							
B.com	29	29	27	2	29	10	90.00%
Batch 3 : From 2008-09 to 2010-11							
B.Com	47	47	38	9	47	20	70.00%
Batch 4 : From 2009-10 to 2011-12							
B.Com	64	64	54	10	64	45	33.33%

*M=Male *F=Female

27. Diversity of Students

Name of the Programme/ Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com	100	NIL	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

There is no such a system in institute to record these types of data

29. Student progression

Student progression	Against % enrolled			
	2008-09	2009-10	2010-11	2011-12
Enrolled Students	31	29	47	64
UG to PG/Higher Edu	26%	14%	15%	8%
PG to M.Phil.	0	0	0	0
PG to Ph.D.	0	0	0	0
Ph.D. to Post-Doctoral	0	0	0	0
Employed				
Campus selection	0	0	0	0
Other than campus recruitment	0	0	0	0
Entrepreneurship/Self-employment	74%	86%	85%	92%

30. Details of Infrastructural facilities

a) **Library : Yes with 2200 books and 114 CDs = 2314.**

b) **Internet facilities for Staff & Students : Yes**

c) **Class rooms with ICT facility : Yes**

d) **Laboratories : N.A**

31. Number of students receiving financial assistance from college, university, government or other agencies.

Year	ST Students	SC Students	OBC Students
2008-09	0	0	14
2009-10	1	1	6
2010-11	3	3	6
2011-12	1	3	14
2012-13	0	9	23

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts.

- Students participated in following enrichment programmes.

Sr. No.	Date	Subject/ Topic
1	05/09/2008	Teacher's Day
2	26/09/2008	Career Guidance
3	23/01/2009	Privatization of Banking & Insurance Sector
4	05/09/2009	Teacher's Day
5	20/07/09 to 25/07/ 2009	Yuvak Sahakari Talim Varg
6	22 to 24/12/2009	Interview Guidance
7	07/01/2010	Roll of SEBI in Indian Stock Market
8	29/06/2010	Elocution competition on 'Malaria Control'
9	12/07/2010 to 17/07/2010	Yuvak Sahakari Talim Varg
10	23/07/2010	BISAG
11	15/09/2010	Customer Awareness Programme
12	18/09/2010	Teacher's Day
13	05/10/2010	Cost Accountancy
14	5 & 6/10/2010	Interview Guidance
15	7 & 8/10/2010	Awareness of water conservation
16	4,5 & 6 /10/2010	Career guidance
17	25 /09/2010 to 1/10/2010	Celebration of Swarnim Gujarat Week
18	19/01/2011	District Level Quiz Competition
19	21/01/2011	Evergreen Faculty Commerce
20	21/01/2011	Consumer Protection
21	25/07/2011 to 30/07/2011	Yuvak sahakari talim varg
22	05/09/2011	Teacher's Day
23	16/09/2011 to 18/09/2011	Para Legal Volunteers- First Training
24	24/09/2011 to 26/09/2011	A Female law seminar
25	01/10/2011 to 03/10-2011	Para Legal Volunteers- Second Training
26	14,15 & 16/12/2011	Lalitkala Sibir
27	18/01/2012	Resume Building

28	23/01/2012	RTI Presentation
29	05/09/2012	Teacher's Day
30	14/09/2012	Equal opportunity – Gender Equality
31	18/9/2012	Expanding Horizons –Accountancy
32	21/09/2012 to 27/09/2012	Computer Training
33	08/10/2012 to 13/10/2012	Computer Training
34	17/10/2012	Modern Banking

33. Teaching methods adopted to improve student learning

- Besides traditional lecture method the following teaching aids and methods are adopted to improve student learning.

<ul style="list-style-type: none"> PPT presentation through Audio-Visual aids Animation Videos of Subjects OHP Models Charts Live & recorded video lecturers of SANDHAN 	<ul style="list-style-type: none"> Demonstration of Practical Assignments Seminars Workshops Group Discussions Active participation through Question-Answering Unit Tests, Surprise Tests Quiz
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities NIL

35. SWOC analysis of the department and Future plans

1. Strength of department:

- Highly Qualified Faculties
 - Mr. D.J. Shah – M.Com Gold Medalist
 - Dr. H.M. Dixit – PhD
 - Mr. S.S. Mirza – M.Phil, GSET
- Highly experienced faculty
 - Mr. D.J. Shah – 22 years
 - Dr. H.M. Dixit – 23 years
 - Mr. S.S. Mirza – 3 years
- Dr. H.M.Dixit was senate member in H.N.G.U.Patan
- Member in Board of studies for long time in H.N.G.U.Patan
- Mr.D.J.Shah in Accountancy
 - Dr.H.M.Dixit in Statistics
- Recently retired Pro.S.H.Patel was
 - Member and Chairman in Board of studies in Commerce.
 - Member of BUTR, H.N.G.U.Patan
 - Dean of Commerce
- Dr. H.M.Dixit is lifetime member of
 - The Indian Econometric society (TIES)
 - Gujarat Statistical Association (GSA)

- GUAATA
 - Mr. D.J.Shah is secretary of Vanijya Adhayapak Vartul H.N.G.U. Patan
 - Mr.D.J.Shah is lifetime member of GUAATA.
 - Mr.D.J. Shah is also PG faculty.
- 2. Weakness of department:**
- Rural area students
 - Less research work
 - Irregularity of students in class
 - Less use of AV Classes
 - Insufficient of conveyance
- 3. Opportunity:**
- Job opportunities in the field of Finance, Marketing, Human resource, Information systems, teaching, Civil services etc
 - Entrepreneurial opportunities
 - Act as a visiting faculty in management discipline like MBA, BBA
 - Start PG Center
 - Collaboration with corporate world
- 4. Challenges:**
- Rural area
 - Competition with management discipline like BBA, BCA...
 - Due to attraction towards urban areas students prefer to seek admission in urban colleges.

Future plans:

- Provide maximum facilities to the students and faculties.
- Provide more books in library.
- Organize guest lecturers for students.
- To pursue minor and major research project.
- Try for Starting PG Center.
- To pursue Ph.D.
- Do more research works.
- AV class Rooms.
- To start English medium classes to attract more students.
- To start meaningful vocational courses.

IQAC – Internal Quality Assurance Cell

IQAC is established in Shri U.P. Arts, Smt. M.G.Panchal Science and Shri V.L.Shah Commerce College, Pilvai as a post-accreditation quality sustenance measure. It is an effort of continuous process towards achieving total quality and acts as a catalytic improvement for the college. The IQAC is constituted as a post-accreditation effort which channelized the parameters of the college towards academic excellence.

The Members of the IQAC are as follows:-

1. Chairperson:- Dr. S. S. Shah (Principal)
2. Convener :- Dr. C. A. Acharya
3. Member :- Dr. A. N. Dave (Vice-Principal)
4. Member :- Mr. D. J. Shah
5. Member :- Dr. M. R. Pandya
6. Member :- Mr. H. M. Hinsu
7. Member :- Dr. H. M. Ant
8. Member :- Dr. R. S. Dave
9. Member :- Dr. Y. H. Raval
10. Member :- Mr. K.A.Patel
11. Member :- Mr. Virchanbhai Patel (Industrialist & Alumni)
12. Member :- Dr. T. M. Patel (Management Member)
13. Member :- Dr. J. D. Talati (Well known Educationalist)
14. Member :- Dr. K S Parikh (Educationalist)
15. Member :- Mr. Ravi Patel (Student Representative)
16. Member :- Ku Ripal Patel (Student Representative)
17. Member :- Shri Kirit Shah (Alumni & Social Activist)
18. Member :- Mr. A. M. Patel (Administrative Office)

Objectives:

- To ensure continuous improvement in the academic and holistic development of the students
- To create an environment for conscious and consistent improvement in the performances of the college
- Work towards significant and meaningful contribution in the post-accreditation of the college
- To channelize the measures and efforts of the college towards achieving total excellence in all output parameters

Members of the committee of the IQAC of the institution normally meet twice a year and plan for achieving the above said goals and objectives. The committee recommends the major decisions to be taken in the college for thriving quality education and faculty development. The committee has organized an IQAC seminar on Defining Parameters on Quality Education funded by NAAC .

SUGGESTIONS GIVEN BY THE PEER TEAM AND ACTION TAKEN DURING THE ACCREDITATION PERIOD

Sr No	Suggestion of NAAC Peer Team	Action Taken During the Accreditation Period
1	More financial support to be generated and provided by the management	Donation of Rs.90 lacks has been generated for development purpose during the Golden Jubilee celebration. The Management has provided the financial aids for the construction of first floor of Arts building. The Virtual classrum(Auditorium) is also renovated and developed by the Management. The chambers and other furniture's in staff rooms and Administrative office are provided by the Management.
2	Introduction of self financing programmes to attract more students.	The institution has introduced the B.A.(English) and B.Sc. as self financing programs from the current academic year.
3	Addition of value added courses.	Due to implementation of CBCS pattern, the institution has offered Elective value added courses like environment, Disaster Management, Personality Development, Environmental Pollution, etc. we have also organised various value added lectures and activities. We have started prayer daily.
4	Addition of more M.Sc. and M.A. programmes ,aeleast in mathematics ,Gujarati and Hindi	The M.A. in Hindi is taught since 1964. Due to remote rural place and the limited strength of the students, the M.A. in gujarati is not viable as self financing basis. Looking to the increasing strength in Mathematics, we plan to start the P G Center in Mathematics in nearer future.
5	Filling up of vacant faculty positions.	To filling of vacant teaching and nonteaching position, the institute is dependent on Government policy 09 teachers and 15 nonteaching post are vacant now. We are trying to maintain the quality standard in such a difficult situation with the cooperation of Management and Staff members.
6	Training of English writing and speaking for facult and students	The Digital English Language Lab (DELL) is established with financial aid of state Government .which includes 25 computers with LAN, internet and GLOBARINA software for speaking English. The training of state Government initiative SCOPE has

		been given by English Department. The English proficiency of the Faculty/Students is also enhanced by organizing various workshops. Various books, CDs and software are purchased regarding speaking English.
7	More computer facilities in departments like Commerce, Physics and Economics.	Each department and each faculty of the institution provided with Laptop and computer respectively. The campus is completely covered with Wi-Fi system for internet surfing.
8	Computerization of Library.	The Central Library of the college is fully computerized and with internet facility. Teachers /students can access books from six (06) places. Here, internet surfing is available for Students. Separate research section is developed for reference work.
9	.Computer courses for faculty and students	10 training workshops for enhancing Computer skill of the teaching and non-teaching staff have been organised. During last four years, more than 50% of faculties are now started using the computer-internet facility in teaching purpose, evaluation through OMR software etc. 240 students are given MS office and internet surfing training by short term training workshops organised under CPE Schemes.
10	Special programme like diploma in electronics for lady students..	The affiliating University system does not permit us to start special Diploma program in electronics. So it is not possible. However, the workshop on electronic projects are organized by Physics Department oftenly.
11	Case studies by Sciences and Commerce departments in adjoining areas	The chemistry Department has handled the Soil Health card projects given by State Government and analysed 28618 soil samples of farmers of adjoining areas . The project has been successfully organised by teamwork of staff-students of Chemistry Department.
12	Better maintenance of campus.	The maintenance of campus is done regularly. All buildings of the campus are connected by CC Roads. The old Arts and Science buildings are renovated under UGC Development Grant.
13	Starting co-operative store.	Co-operative store is not started.
14	Allocation of a hostel building for the girls.	The Girls' Hostel under UGC special Grant of Rs.80 lacks is constructed.

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution

with seal:

Place: Shri U.P. Arts, Smt. M.G.Panchal Science & Shri V.L.Shah
Commerce College, PILVAI

Date: 31/03/2013

The Registrar
Gujarat University
Ahmedabad - 380 009.

Sub. :- Re-numbering of Section 12-A of the Principal UGC Act, 1956 as Section 12-B with effect from 1st October, 1984 - Regarding.

Sir,

I am directed to say that the University Grants Commission (Amendment) Act, 1984 has come into force with effect from 1st October, 1984 vide notification No. F.12-7/84-Desk-U dated 1st October, 1984 issued by the Ministry of Education and Culture, Government of India, published in the Gazette of India, Extra-ordinary (Part II, Section 3-Sub-Section (ii). Section 3 of the UGC (Amendment) Act, 1984 provides that in the principal Act of 1956, Section 12-A is to be renumbered as Section 12-B. The effect of the UGC (Amendment) Act, 1984 would be that w.e.f. 1st October, 1984, Section 12-A of the Principal UGC Act, 1956 would read as Section 12-B, which would include the rules previously made under this Section.

This modification is brought to the notice of the University for information and appropriate action.

It is requested that this may be brought to the notice of all the colleges/institutions within the jurisdiction of your University.

The UGC Act, 1956 (as modified upto 1st October, 1984) is being printed. A copy of the UGC Act, 1956 will be made available to the University in due course.

Yours faithfully,
Sd/- Y. D. Sharma
Deputy Secretary

GUJARAT UNIVERSITY

No. Gen./U.G.C. 42/14669 /1985

Ahmedabad-9. Date 4 - 4 - 1985

Principals of all affiliated Colleges.

Sub. :- Re-numbering of Section 12.A of the Principal
U.G.C. Act, 1956 as Section 12.B with effect from
1st October, 1984 - Regarding.

Sr,

I enclose a copy of the letter no. F. 1-108/72 (GP) Vol. II
dated 2-3-1985 on the subject cited above, received from Deputy
Secretary, University Grants Commission, New Delhi which speaks
for itself.

Thanking you,

Yours faithfully,

Registrar

Encls. :- As above
(Please see overleaf).

Copy forwarded with compliments for information to :-

Director, College Development Council, Gujarat University, Ahmedabad-9.

m/-
4.4.85
[Circular stamp of Gujarat University with handwritten initials]

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-2.

No. F.8-93/88(CPP-I)

March, 1988

The Registrar,
North Gujarat University,
Near College,
Patan-384265 (N.G.).

Sub: List of colleges prepared under Section 2(f) of the UGC Act, 1956.

Sir,

With reference to your letter No.UGC/1/804 of 1988 dated 10/11.2.1988 on the above subject, I am directed to say that the following colleges have been deleted from the Gujarat University and included under the North Gujarat University in the list of colleges prepared under Section 2(f) of the UGC Act, 1956:-

NON-GOVERNMENT COLLEGES

A. COLLEGES TEACHING UP TO BACHELOR'S DEGREE:

AFFILIATED COLLEGES

<u>S.No.</u>	<u>Name of the College</u>	<u>Year of Estt.</u>
1.	College of Education, Daramali Via-Jadar (S.K.) 383110. (On temporary affiliation upto 14.6.87) Shri J.M. Vvas	1970
2.	G.N. Arts & B.D. Commerce College, Kadi-382715 (Distt. Mehsana) Shri N.B. Joshi	1963
3.	D.D. Choksi College of Secondary Education, Palampur-385001 (Distt. Banaskantha) Shri P.G. Patel	1971
4.	Deesa Nagar Panchavat Arts & Commerce College, Deesa-385535 (Distt. Banaskantha) Shri A.K. Dava	1972
5.	R.R. Mehta College of Science G.L. Parikh College of Commerce and G.D. Modi College of Arts, Planpur-385001 (Distt. Banaskantha) (on temporary affiliation upto 14.6.1988) Shri M.D. Kotak	1964

P.T.O.

- ✓ 15. Shri U.P. Arts, Smt. M.G.Panchal Science & Shri V.L. Shah Commerce College, Pilvai(NG)-382850 (Distt. Mehsana) Dr. J.D. Talati 1960
- 16* Vivekanand College of Education, Mehsana-384002 (Distt. Mehsana) Shri Chandrakant D. Trivedi 1982
- 17* Vivekanand College of Law Mehsana-384002 (Distt Mehsana) Shri Sarad Kumar P. Shah 1982

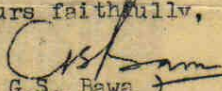
*Ban imposed on all payments of the UGC grants to both the above colleges.

GOVERNMENT COLLEGES

B. COLLEGES TEACHING UPTO POST GRADUATE DEGREE:

1. M.N. College, Visanagar (NG-384315). Shri G.N. Gosai 1946

Yours faithfully,


(G.S. Bawa)
Under Secretary

Copy forwarded to :-

1. The Registrar, Gujarat University, Ahmedabad-380009.
2. The Principal, College of Education, Daramali Via-Jadar (S.K.)-383110.
3. The Principal, C.N. Arts & B.D. Commerce College, Kadi-382715 (Distt. Mehsana).
4. The Principal, D.D. Choksi College of Secondary Education, Palampur-385001 (Distt. Banaskantha).
5. The Principal, Deesa Nagar Panchayat Arts & Commerce College, Deesa-385535 (Distt. Banaskantha).
6. The Principal, R.R. Mehta College of Science C.L. Parikh College of Commerce and G.D. Modi College of Arts, Palampur-385001 (Distt. Banaskantha).
7. The Principal, Sheth L.H. Science College, Mansa-384845 (Distt. Mehsana).
8. The Principal, Sheth Motilal Nvalchand Law College, Fatan (NG)-384266 (Distt. Mehsana).
9. The Principal, Shri H.S. Shah College of Commerce, Modasa-383315 (Distt. Sabarkantha).

P.T.O.

2

- 33. The Principal, Vivekanand College of Education, Mehsana-384002 (Distt. Mehsana).
- 34. The Principal, Vivekanand College of Law, Mehsana-384002 (Distt. Mehsana).
- 35. The Principal, M.M. College, Visanagar-(MG-384315).
- 36. All Officers/Sections in the UGC Office.
- 37. File No. 8-9/87 (CFP-I) of Gujarat University,
- 38. Guard File.

Chander Bhan
 (Chander Bhan)
 Section Officer

મહાવહાદ-૯
૩૦/૪

400-1000-8-75

ગુજરાત યુનિવર્સિટી

એકેડેમિક/૨૧/ ૫૩૭૮૫
અમદાવાદ-૯. તા. ૨૬-૧૯૭૭
-૧૯૭૭

બોડાણ અંગેનું બહેરનામું ક્રમાંક : ૨૭-૭૭

૧૯૭૭ના ગુજરાત એક્ટ નં. ૬થી સુધારાયેલ ગુજરાત યુનિવર્સિટી અધિનિયમની કલમ ૩૩ની પેટાકલમ ૭ અન્વયે એકિઝક્યુટિવ કાઉન્સિલે તેની તા. ૨૦-૮-૧૯૭૭ની સભામાં ઠરાવ ક્રમાંક. ૪૨.૧.૬૧ થી અધિકૃત અભ્યાસક્રમોમાં અભ્યાસક્રમોની સંખ્યા યુ.પી. આર્ટ્સ એન્ડ એમ. એ. પંચલ સાયન્સ કોલેજ પિલવહાદ નીચે જણાવેલ વિષયો-અભ્યાસક્રમો માટે તે સામે દર્શાવેલ પ્રકાર અને મુદત માટે બોડાણ મંજૂર કર્યું છે :

વિષયો-અભ્યાસક્રમો	બોડાણનો પ્રકાર	મુદત
બી. એ. : પ્રિન્સિપલ મદ ગુજરાતી, આર્ટ્સ એન્ડ હિન્દી, સંસ્કૃત	મહત્ત્વ	તા. ૧૫-૧-૭૭ થી
બી. એ. : સવો : મદ જ્યોલ, ઈ સિલ્કાસ, મનો સિલ્કાસ.	ક્રાયાત્મક	ક્રાયાત્મક
બી. એસસી. : સ્કો : મદ રસાયણ વિજ્ઞાન ય સિલ્કાસ.		
બી. એસસી. : જન : મદ વનસ્પતિ વિજ્ઞાન એન્ડ સિલ્કાસ.		

કુલસચિવ વતી

- નકલ રવાના પ્રતિ :
- (૧) આચાર્યશ્રી, યુ.પી. આર્ટ્સ એન્ડ એમ. એ. પંચલ સાયન્સ કોલેજ પિલવહાદ, (બહુ સારુ)
 - (૨) શ્રી. હિસાબનીશ, યુ. યુનિ., અમદાવાદ-૯, ઉપર જણાવેલ કોલેજે તા. ૨૨-૩-૧૯૭૭ થી રસીદ ક્રમાંક/ડી. ૨૭૪ થી ભરેલ અનામત રૂ. ૨૦૦૦.૦૦ નું ચેક પરત કરવા વિનંતી છે.
 - (૩) યુનિ. ગ્રાન્ટ્સ કમિશન યુનિટ, ગુજરાત યુનિવર્સિટી, અમદાવાદ-૯ (બહુ સારુ).
 - (૪) સચિવશ્રી, શિક્ષણ અને મજૂર વિભાગ, ગુજરાત સરકાર, સચિવાલય, ચંપીનગર (બહુ સારુ).

HC
Smt 3

૯૧૬ ૧૦૦-૧-૮૫

ગુજરાત યુનિવર્સિટી

એકેડેમિક/૨૧/૯-૫૫૬
-૧૯૮૭.

અમદાવાદ-૯. તા. ૨-૧૦-૧૯૮૭.

જોડાણ અંગેનું બહેરનામું ક્રમાંક : ૧૨ / ૮૭

ગુજરાત યુનિવર્સિટી ધારાની કલમ ૩૩ની પેટાકલમ ૭ અન્વયે એકિઝક્યુટિવ કોમિટિને તેની તા. ૧૯૮૬ ની સભામાં કરાવેલ ક્રમાંક નંબર ૧૦૦-૧-૮૫ ની આપેલ સત્તમની રજૂઆત કરીને ડી. પી. આર્ટ્સ એન. જી. પંચાલ સમન્સ જેન્ડ બી. એલ. સાહ ડોમર્સ ડીવિઝન, પીલવઈ નીચે જણાવેલ વિષયો અભ્યાસક્રમો માટે તે સામે દર્શાવેલ પ્રકાર અને મુદત માટે જોડાણ મંજૂર કર્યું છે :

વિષયો-અભ્યાસક્રમો	જોડાણનો પ્રકાર	મુદત
બી. ડોમ (મુખ્ય) એડ	ડી. પી.	તા. ૧૫-૬-૮૭
એડા જેન્ડ ઓડીટીંગ		ધી
બી. ડોમ. (ગૌણ) એલ. પી.		

Received
on 11/11/87
mb

બી. એ. (મુખ્ય) ઇન્ટરમીડિયટ	વધારાનું	તા. ૧૫-૬-૮૭
		ધી
		તા. ૧૪-૬-૮૬

કુલસચિવ વતી.

નકલ સાદર રવાના પ્રતિ :

- (૧) આચાર્યશ્રી ડી. પી. આર્ટ્સ એન. જી. પંચાલ સમન્સ જેન્ડ બી. એલ. સાહ ડોમર્સ ડીવિઝન પીલવઈ (ઉ. ગુ.) (અણ માટે)
- (૨) શ્રી. હિસાબનીશ, ગુજરાત યુનિવર્સિટી, અમદાવાદ-૯, ઉપર જણાવેલ કોલેજે તારી ૬-૧૯૮૬ ની રસીદ ક્રમાંક/ડી. ૭૫૦ થી ભરેલ અનામત રૂ. ૩૦૦/- (અંગે રૂપિયા બંધી પૂરા) પરત કરવા વિનંતી છે.
- (૩) યુનિ. ગ્રાન્ટ્સ કમિશન યુનિટ, સામાન્ય વિભાગ, ગુજરાત યુનિવર્સિટી, અમદાવાદ-૯ (અણ માટે).
- (૪) સચિવશ્રી. શિક્ષણ અને મજૂર વિભાગ, ગુજરાત રાજ્ય, સચિવાલય, માંધાનગર (અણ માટે).
- (૫) શિક્ષણ નિયામકશ્રીની કચેરી, ન્યૂ મેન્ટલ હોસ્પિટલ બિલ્ડિંગ, અસારવા, અમદાવાદ-૧૬.

GUJARAT UNIVERSITY



No. SYN/Affl/ 166/2
Office of the Gujarat University of 195
Ahmedabad-9. Date : 8-2-195

To
The Principal/Secretary/Director of Education/
The President/ *Uttar - Purva Gujarat*
Katavani Mandel
Pilvai

Sub : *Affiliation of Arts and*
Science College to be
started from June
1960

Sir,

Following the visit by the Local Inquiry Committee in connection with the application for affiliation of your College mentioned above, the Academic Council of this University has considered its Report and the relevant Resolution of the Academic Council has since been approved by the Syndicate of this University. As you know, the matter will now come up for consideration before the next meeting of the Senate scheduled on *11/22/12* March 1950 and thereafter the matter will be sent to the Government of Bombay for their necessary approval. In the meanwhile, I am enclosing purely for your present information a copy of the Report of the Local Inquiry Committee and the Resolutions of the Academic Council and the Syndicate thereon. I need hardly add that the Resolution of the Syndicate will be subject to such modifications as the Senate and the Government of Bombay may choose to make.

Please acknowledge receipt.

Thanking you,

Yours faithfully,

Encls : *as above*

J. R.
Registrar.

Dr. P. Prakash
Joint Secretary



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

Ph : 011- 23231814
Fax: 011- 23235729

D. O. No. F. 12-1/2008 (NS/PE)

March, 2010

Dear Sir, / *madam*

18 MAR 2010

This has reference to your communication recommending five colleges under the Scheme "Colleges with Potential for Excellence" (CPE). The proposals of the colleges recommended by your University were evaluated by the Working Group appointed for the above purpose. Arising out of the evaluation, the Standing Committee on CPE had recommended Colleges to be awarded CPE status during Phase-III.

I am happy to inform you that the following colleges affiliated to your University have been selected for the award of CPE status during Phase-III:-

1. Idar Anjana Patidar H. K. M. Arts
and P. N. Patel Commerce College,
Idar (N.G.) – 383 430 Dist. Sabar Kantha,
(Gujarat)
2. Pramukh Swami Science & H.D.Patel Arts College,
Kadi (N.G.), Dist: Mehesana
(Gujarat) – 382 715
3. Shri Umedram Panchal Maniben G. P. Arts,
Science & V.L.Shah Comm. College, PILVAI
TA : Vijapur, Dist: Mehesana (Gujarat) – 382 850
4. Sheth Motilal Nyalchand Science College,
Patan,(N. G.) Dist. Patan (Gujarat) – 384 265,

The Principal(s) of the College(s) may please be requested to send a Certificate to UGC that the data provided by them in the proposal is factually correct and the College is a grant-in-aid/Government/Constituent College and if the data submitted by the College(s) are found to be incorrect, the CPE status would be revoked, as per the provision in the Guidelines on CPE.

The CPE tenure is for the XI Plan period from the date of approval of the Budget of the colleges. You may request the College(s) to prepare an Action Plan for the years 2010-2011, 2011-2012 and send the same to me along with the budgetary requirements in accordance with the CPE Guidelines (a copy of which has already sent to you and also available on UGC website).

Contd...2/-

22/3/2010
Su

1. The sanctioned amount is debit to the **Major Head 3. (iii)** and is valid for payment during the financial year 2009-2010 only.
2. The above amount may be kept in a **separate Saving Bank A/c of your Bank.**
3. **The above grant may be utilized only after receiving the approval from UGC with reference to your budget Proposal for the years 2010-2011 to 2011-2012.** The Visiting Committee shall visit each of the provisionally recommended colleges to discuss and finalize the Action Plan and Budget of the College for CPE Scheme. Further details of visit will be sent to the College(s) in due course.
4. The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University / Colleges/ Institution.
5. The College shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on approved items of expenditure.
6. The utilization certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the close of the current financial year.
7. The assets acquired wholly or substantially out of University Grants Commission's Grant shall not be disposed or encumbered or utilized for the purposes other than those for which the Grant was given, without proper sanction of the University Grants Commission and should, at any time the College ceased to function, such assets shall revert to the University Grants Commission.
8. A Register of Assets acquired wholly or substantially out of the Grant shall be maintained by the University / College in the prescribed form.
9. The grantee institution shall ensure the utilization of grants-in-aid for which it is being sanctioned / paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules; of Govt. of India will be charged.
10. The College shall follow strictly all the instructions issued by the Government of India from time to time with regard to reservation of posts for Scheduled Castes and Scheduled Tribes.
11. The College shall fully implement to official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Languages (Use for Official purposes of the Union) Rules, 1978 etc.
12. The sanction issues in exercise of the delegation of powers vide Commission office Order No. 25/92 dated May 01,1992.

Contd...3/-



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Shri U. P. Arts, Smt. M. G. Panchal Science &
Shri V. L. Shah Commerce College
Pilvai, Tal. Vijapur, Dist. Mehsana
affiliated to Hemchandracharya North Gujarat University, Gujarat as
Accredited
at the B level.*

Date : March 31, 2007



Director

- This certification is valid for a period of *Five* years with effect from March 31, 2007
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade, 70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade (upper limits exclusive)

March 31, 2007/023



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
 विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
 An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Shri U. P. Arts, Smt. M. G. Panchal Science &
 Shri V. L. Shah Commerce College

Place : Pilvai, Tal. Vijapur, Dist. Mehsana, Gujarat

Criterion	Weightage (W_i)	Criterion Score (C_i)
I. Curricular Aspects	100	65
II. Teaching-Learning and Evaluation	400	301
III. Research, Consultancy and Extension	50	34
IV. Infrastructure and Learning Resources	150	109
V. Student Support and Progression	100	68
VI. Organization and Management	100	76
VII. Healthy Practices	100	74
Total	$\Sigma W_i = 1000$	$\Sigma C_i = 727$

$$\text{Institutional Score} = \frac{\Sigma C_i}{\Sigma W_i} \times 100 = \frac{727}{1000} \times 100 = 72.70$$

Date : March 31, 2007

Director

March 31, 2007/023

REPORT OF THE PEER TEAM ON INSTITUTIONAL ASSESSMENT AND ACCREDITATION OF SHRI U.P. ARTS, SMT. M.G. PANCHAL SCIENCE AND SHRI V.L.SHAH COMMERCE COLLEGE, PILVAI – 382 850, NORTH GUJARAT ON 15TH, 16TH & 17TH FEBRUARY, 2007.

SECTION – I: PREFACE

Shri U.P. Arts, Smt. M.G. Panchal Science & Shri V.L. Shah Commerce College is a grant - in - aid college of Gujarat located in a village Pilvai in taluka Vijapur of Mehsana district. This college was established in 1960 and is affiliated to Hemchandracharya North Gujarat University, Patan. The institution is recognized by the UGC under 2(f) and 12(B). The college is essentially rural in nature and has a vast campus spread over 49 acres. As the name indicates it has courses in all the three basic faculties of Arts, Commerce and Science. There are overall twelve programmes out of which eleven have annual system of examinations and the vocational program in Industrial Chemistry has semester system.

Out of 28 permanent teaching faculty members with two female members. In addition four lecturers are on ad-hoc basis. The teacher-student ratio at present is 1:50. Out of the total faculty 36 percent teachers hold Ph. D. degrees and 7 percent M. Phil. Degree. Twenty five teachers are recognized P.G. teachers by the university. Some of the teachers are engaged in research and 6 minor research projects funded by UGC are completed.

The college has two NSS and one NCC unit. The college library has 47,335 books and subscribes 18 journals. There are 18 computers in the college and four departments make use of this facility. The college has a boy's hostel, sports ground and a gymnasium. About one third of the total students are female and most of the day scholars come from near by villages who commute daily by buses.

The peer team comprising Professor Vinod P. Saxena, former Vice - Chancellor Jiwaji University, Gwalior as Chairman; Professor Ramchandra Rao, former Principal, S.R.R. Government Degree College, Karimnagar as member and Dr. F.A. Fernandes, Registrar of Padmashree Dr. D.Y. Patil Vidyapeeth (Deemed University) as member co-

ordinator visited the college during February 15 - 17, 2007. They went through the exercise of confirmation of facts given in Self Study Report and also explored other soft details. The team interacted with principal, management, students, parents, alumni, teaching and non-teaching staff and accordingly prepared the report as given below.

SECTION – II:

CRITERION – 1: CURRICULAR ASPECTS

The Institute has a lofty goal. The prime objective is to provide access to all needy students of all castes and creeds and students of disadvantage sections of the society and to introduce courses taking into consideration the regional needs.

Being an affiliated college, it is bound to base its curriculum prescribed by the University. However the University has taken into consideration broad framework of the UGC curriculum. The college has six programmes. B.A., B.Com., B.Sc., M.Sc., M.A. and vocational course in Industrial Chemistry. The college is also recognized center for Ph.D. in chemistry. Thus, program options are limited. Within the limits prescribed by the University, flexibility is provided to the students in selection of optional subjects. There are core options with language and social science. Elective options are provided in Arts, Science and Commerce. There are some faculty members who have contributed for the preparation of the syllabus in their subjects since they are the members of the Board of Studies. From time to time the faculty takes the opinion of the students, management, guest speakers and conveys it to the respective Boards of Studies. There is no formal mechanism to obtain feedback from students, alumni, employers, community, academic peers and industry. However, the suggestions are taken in an informal way and conveyed to the BOS of University to modify the syllabus if required. There is no scope for the Institution to add to the prescribed syllabus. However, while teaching, the concerned teachers add their inputs regarding value orientation. The University also has introduced new trends in some subjects like introduction of Industrial Chemistry.

There are no interdisciplinary courses. Job oriented training is done in chemistry by organizing industrial visits. Computer training is provided to few science students. The other students are given training with nominal charge by outside agency and they are awarded with certificates. To a greater extent community orientation is done through

NSS and NCC units. 'The Plivai College Vartul' also renders community oriented activities. There is one 'Community Science Centre' in the college to spread science temper in and around local community.

CRITERION – 2: TEACHING, LEARNING AND EVALUATION

The institution follows the rules of the University in respect of admission to various courses. Admissions to first year B.A., B.Sc., B. Com. and M.A. are done on the basis of merit whereas admission to M. Sc. Chemistry Part-1 is made by the Central Admission Committee of the University. 7% seats are reserved for S.C., 13% for S.T., 27% for SEBC, 3% for physically disabled and 1% for sports personnel. Additional 5% marks are added to the marks of a lady student as per the norms of the state government. The college conducts an objective test for the students admitted to the various courses to understand their level of ability and to assess their knowledge. Students from disadvantage sections are provided with scholarships. They are allowed to borrow books from 'Poor Boy's Library'.

Academic calendar is prepared in consultation with the co-ordinators of examination committee, cultural committee and sports committee by taking into consideration university's academic calendar. The details are given to the faculty and students before the commencement of academic year. Concerned teachers prepare the detailed plans in consultations with HOD. Dates of internal examinations are decided well in advance. The reference material is given to students. Review of the academic calendar is done by HOD's and the Principal.

Total number of teaching days is about 180. Arts and Commerce sections run classes from 7:30 a.m. to 12:30 p.m. Science section is held from 11:00 a.m. to 5:00 p.m. There is a central library, which is reported to be kept open from 7:30 a.m. to 5:00 p.m. However there is only one ad-hoc librarian and one peon.

Teachers predominantly use the lecture method. Practicals are conducted in science stream. Seminars, workshops, debates, assignments, group discussion, educational tours, industrial visits, botanical tours, lectures by subject experts are also held. Educational aids, OHP, LCD, charts, VCD, tape recorders, films, TV are used time to time.

Faculty makes use of reference books, research journals and participation in workshops, seminars to improve their knowledge and keep themselves updated in their discipline. Some teachers have developed research aptitude and published articles. Out of total 28 permanent faculty members there are 10 Ph.D holders. Two have got M.Phil degree, six have registered for research for Ph.D. The teachers are encouraged to do research by providing study leave and library facilities.

Teachers are recruited by following the norms of Gujarat Government and UGC rules. Depending on workload, NOC from commissioner of higher education is obtained and through proper selection committee appointments are made. Sometimes, ad-hoc / temporary appointments are made. Management pays the salary for the ad-hoc appointments from the meager resources. Subject development, activities are done through various subject vartuls. The faculty from the department of Sanskrit received University award 'Gauri Sankara Vaidya'. Teachers from Department of English and Gujarati were invited to train Government officials.

The Principal monitors teacher's performance. Every year results are analyzed and suggestions are made accordingly. Teacher's attention is drawn specially to the poor performance of the students. There is a committee which supervises the research activities of the faculty. By and large student's suggestions regarding teacher's performance are invited by following the evaluating questionnaire method prepared by NAAC. Teachers are given academic diary in which Swot analysis are done by the teachers, which are reviewed by the HOD and the principal whenever required.

There are two terminal examinations having 30% weightage in the final examination. These examinations are compulsory for the students in a year in addition of unit tests. The schedule of unit tests, project reports/visits and tours is also given. College unit tests are assessed by the internal faculty. The final examinations are conducted by the university and central assessment is carried out externally. Whenever a particular unit of syllabus is over, end examinations are conducted.

The institution has committee for redressal of grievances. Generally, these are related to the assessment. In case of poor performance of the students, their parents are informed accordingly. Grievances of the students if any, are heard and action is taken. There is a continuous assessment.

CRITERION – 3: RESEARCH, CONSULTANCY & EXTENSION

There is a research committee to facilitate and monitor research activity. Faculty members are made aware of various schemes of UGC and other funding agencies. Teachers are motivated to undertake minor and major projects. Some teachers participate in local, state and national level conferences and seminars. Some financial help is given to them by the college. Their lectures are adjusted to enable them to participate in conferences. The college has made allocation for equipments, chemicals, and reference books in the annual budget to the tune of Rs.60,000/-. Twenty four teachers have participated in conferences and seminars and so far, Rs.33,105/- have been spent from 10th plan UGC grants for various activities.

Eighteen faculty members have participated at the university and state level seminars and 10 have participated at the national level seminars / conferences. Sixteen teachers have published text books and general books in 2005-'06. Six teachers have published research articles in the year 2004-'05. Seven teachers have published their research articles in the year 2005-'06.

P.G. students in Chemistry are encouraged to write project reports and both PG Chemistry and Hindi students write term papers. So far 25 candidates have completed Ph.D. in the department of Chemistry and 8 have registered for Ph.D. There are 2 research laboratories equipped with chemicals, glassware, computer and a printer. There are 18 national level periodicals. 36 encyclopedias and bound back volumes of 18 research journals are available in Chemistry. Technological aids like LCD projector, OHP, T.V., VCD, slide projector, laser printer, scanner, and other facilities have been made now available for the researchers. The Department of Chemistry has been active in research activities since 1965. Two faculty members are recognized Ph.D. guides. The department of Chemistry has got a unique distinction of having published 44 research papers in the last 5 years. Six minor research projects have been completed and seven proposals for minor projects have been forwarded to various funding agencies.

The college has a record of community outreach programmes. The community science center has been rendering service by organizing lectures, demonstrations,

exhibitions and film shows to eradicate superstitions, to cultivate scientific temper and interest for science and technology.

There are two programme officers and 200 students in the NSS unit. Through the medium of street play efforts are made to create a campaign for anti-foeticide by the units. Campaign for empowerment of women, cleanliness, educating children etc. is undertaken. College has successfully organized HIV & AIDS awareness programmes and has adopted a village for its out reach programmes. Literacy drive is also undertaken by the NSS unit.

Collaboration is sought by the Rotary club and Giants group for social work. The campaign for food adulteration awareness among the villagers is undertaken. Medical checkup camps with the co-operation of Vijapur Doctor's Association. Environmental issues are also taken for discussion with the help of Govt. forest department.

College has also made some efforts to seek the collaboration for the outreach programmes from Gujarat Council on Science and Technology, Vikas Vartul Trust – Bhavnagar and Gujarat Ganit Mandal – Ahmedabad in addition to North Gujarat University, Patan.

CRITERION – IV: INFRASTRUCTURE AND LEARNING RESOURCES

The college has a vast campus spread over 49 acres of land. The college is housed in 3 separate buildings for Arts, Science and Commerce with 27 class rooms, 02 Research Laboratories, 04 Chemistry Laboratories, 01 Industrial Chemistry Laboratory, 02 Physics Laboratories, 01 Biology Lab, 01 Mathematics Laboratory, Biology Museum and Community Science Centre. The college also provides hostel facility for boys and residential house for Principal. The College possesses play grounds, gymnasium, space for indoor games and rooms for NCC, NSS and Sports. The college has one botanical garden. Facility of safe drinking water for students and staff is arranged through water cooler. Water facility is available in the campus from tube well along with uninterrupted power supply round the clock. Funds are raised mainly from UGC grants with financial aid from the management and other means. New administrative building is ready and constructed with the assistance from Xth Plan Development Grant of UGC.



The college library consists of 47,335 books. The number of titles are 29,976. A good number of books are in the pipeline for disposal. The college subscribes 46 magazines, 18 Indian Journals and has 168 back volumes of Journals. It also acquired 54 CDs relating to Electronic information. The college has spacious reading room for the benefit of students. Poor Boy's Library is also maintained with 10,099 books along with 36 encyclopedias. The carpet area of the Central Library is 5,573 sq. ft.

The library is reported to work from 7.30 a.m. to 5.00 p.m. on all working days. Community science centre has been started with the financial assistance of Gujarat Council of Science and Technology (GUJCOST).

The classrooms of the college are optimally utilized. The college encourages the use of infrastructure facilities by external agencies. Local bodies and sports clubs are permitted to conduct Sports and athletic events in the college play ground. The college has enforced into Annual Maintenance Contract with a Klaxon Services, Mehsana.

The college encourages Sports and Cultural activities. It has provided modest infrastructure facilities for outdoor games like athletics 400 meter track, Foot Ball, Volley Ball, Hockey, Cricket and Kabaddi. The college has a hostel. At present 50 students avail the facility. The college also has a Career Guidance Cell.

CRITERION – V: STUDENT SUPPORT AND PROGRESSION

The college publishes prospectus annually which gives details about courses offered, the eligibility criteria, fee structure and the hostel facilities. About 56.19 % and 83.75 % of the students appeared qualifying examination after minimum period of study during the last two years (2004-'05 and 2005-'06) respectively and the corresponding drop out rate is 43.81% and 16.25%.

The exact figure of those who gain employment after UG / PG studies is not available. Last year Dishman Pharmaceuticals has selected six students of Chemistry for potential employment. Guest lectures are periodically conducted on socially relevant topics by mobilizing the support of expert teachers from Universities and affiliated colleges.

Scholarships are available to S.C., S.T., O.B.C., E.B.C. and meritorious students by the Government of India and State Government. Six hundred seventy one students

are provided with an amount of Rs. 10,58,601/- by way of various scholarships. Twenty five students are also given freeships amounting Rs. 13,600/-.

The college also supports financially backward students using poor students aid fund. Financial support is given for the needy students who participate in extracurricular and sports activities. There is a drama group, which provides a platform to talented students and teachers. Medals and prizes are awarded for the best performance of the students in the University examinations. The faculty of the college including retired faculty instituted memorial awards for securing highest marks in the concerned subjects. Gujarat Government sponsors Shahid Virkinariwala Vidyarthi Suraxa Juth Vima Yojana. Under this Yojana if a student dies in an accident, his/her family is given Rs. 1 lac towards financial help.

The college has achieved important positions in University level competitions. The college won the women championship in Cricket, Tennis, Kabaddi and Soft Ball during the two successive years 2005-'06 and 2006-'07. Boys have also won championship in Kabaddi into two successive years of 2005-'06 and 2006-'07.

The college publishes an annual magazine 'Chandana' which includes articles written by students and teachers. Various workshops and seminars are organized to make female students aware of their legal rights.

The college has active NCC unit under a teacher of the rank lieutenant. The unit has 160 cadets with an additional women's wing 29 cadets. Three cadets have passed 'C' certificate and 19 cadets passed 'B' certificate during the year 2005-'06. The institution collects feed back from the students and employees and act as per their suggestions for the improvement of quality education.

The college has a Grievance Redressal Cell. It looks after the complaints and initiates action in consultation with Principal. Based on the ability test conducted at the beginning of the academic year, the students are divided into the small groups allotted to teachers for academic and personal counseling.

CRITERION – VI: ORGANISATION AND MANAGEMENT

The college is run by the Uttar-Purva Gujarat Uchcha Kelvani Mandal Trust. The vision of the institution is to educate and enable youth to enhance the dignity and progress of the society as well as nation. The mission of the college is to make the rural

youth aware and respect the constitutional values and train the youth to inculcate vocational skills for the adoption of self-employment.

The structure of the trust constitutes general body, trustee mandal, managing body, academic council and executive committee. The meetings of managing body and executive committee are normally held twice in a year and local committee meets in each month. The local committee takes leading role in the day to day administration of the institution. It allocates funds for development for various departments on the basis of recommendations and periodically evaluates the progress made. The college planning committee consisting of Principal, Head of Departments and other senior faculty prepares the plan of action and also submits the requirements for the development of the college.

Since the college is grant -in- aid and as such follows rules and regulations laid down by the Government, the University and its own Governing body. About 84% of the posts are filled with permanent teachers. There are four ad-hoc lecturers against 28 permanent teachers. Payment for the ad-hoc lecturers is paid by the management.

The recruitment of faculty is done by a selection committee consisting University nominee, nominee of the Government, representative of the management, Principal, HOD of the concerned department and external subject expert by following the rules and regulations of UGC and the Government.

The academic activities are looked after by the staff council constituting of Heads of Department with Principal heading the council. The academic calendar is prepared by a special committee of the college.

The fee collection is as per the directions of the Government and University. The budget deficit of the college was compensated by the Managing Committee of Uttar-Purva Gujarat Uchcha Kelavani Mandal.

The college has a few welfare measures for the staff and students. The college also has Co-operative Credit Society which advances loan to the tune of 20 times of the basic pay at reasonable interest rate.

The college has recently established a Grievance Redressal Cell. There is also complaint box. The Principal chairs the meeting of the cell.

CRITERION – VII: HEALTHY PRACTICES

The following are the healthy practices pursued by the college:

- The teachers undertake quality checks of the students relating to the academic performance like attendance regularity, class tests etc. They also monitor the participation in extra curricular activities and discipline of the students.
- The academically weak students are identified by the tutors and imparted remedial coaching. The needy are provided access to extra learning materials. Special coaching is given to students who have missed the classes due to unavoidable reasons.
- Students are involved in the process of evaluation of teachers. Students do not mention their names. The feed back received will help the teacher to know his strength and weakness. On the basis of feed-back, the Principal acts further.
- The college is putting effort to bring in community orientation in its activities.
- Community Science Center conducts science fair wherein charts and models are exhibited to create interest in the science subjects among the rural school students.
- The practice of teaching the science subjects by the Principle and other science faculty to the students of rural schools is noteworthy.
- The 'Pilvai College Vartul' runs 'Wall Magazine' along with organizing a number of varied activities.
- Street plays are performed at various villages of surrounding area to create awareness among the rural masses about the social evils.
- Consciousness regarding social accountability and value system is created through NCC and NSS activities.

SECTION – III: OVERALL ANALYSIS AND SUGGESTIONS

During the study of the SSR and in the visit to the institution the Peer Team found some features that deserve special mention. These are listed below as commendations. The Peer Team also thought it is proper to give a few suggestions for the future growth of the institution listed separately.



Commendations:

- Rich historical perspective.
- Enlightened and forward looking management.
- Concern and commitment of local village people for the college.
- Campus and buildings in natural surroundings.
- Faculty involvement in research especially in science.
- Extension work through community science center.
- Responsive administration.
- Good achievements in Sports and Games.
- Rich library facilities.
- Concern of parents and alumni for development of college.
- Awareness in students for future career and desire for learning new techniques.
- Active NCC and NSS units.
- Regular literary activities particularly in Gujarati department.

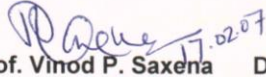



Suggestions:

- More financial support to be generated and provided by the management.
- Introduction of self financing programmes to attract more students.
- Addition of value added courses.
- Addition of more M.Sc. and M.A. programmes, atleast in Mathematics, Gujarati and Hindi.
- Filling up of vacant faculty positions.
- Training of English writing and speaking for faculty and students.
- More computer facilities in departments like Commerce, Physics and Economics.
- Computerization of Library.
- Computer courses for faculty and students.
- Special programmes like diploma in electronics for lady students.
- Case studies by Science and Commerce departments in adjoining areas.
- Better maintenance of campus.
- Starting co-operative store.
- Allocation of a hostel building for the girls.



The Peer Team highly appreciates and acknowledges the co-operation and hospitality extended by the Management, Principal, Members of the teaching and non-teaching staff, students, parents and alumni. The team wishes the college good luck to achieve great heights by adopting quality assurance measures in all the activities.

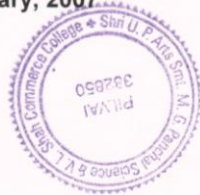
Names and Signatures of the Peer Team Members

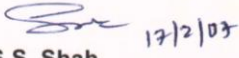
 Prof. Vinod P. Saxena Chairperson	 Dr. F.A. Fernandes Member Co-ordinator	 Prof. B. Ramchander Rao Member
		

I have read the report and agree with it.

Place: Pilvai

Date: 17th February, 2007




Dr. S.S. Shah
Principal
Shri U.P. Arts, Smt. M.G. Panchal Science & Shri V.L. Shah Commerce College, PILVAI
& Shri V.L. Shah Commerce College



Profile of Teaching Staff

Annexure-7

Sr. No.	Name & Designation	Date of Birth & Age	Sex	Highest Qualification With Subject Specialization	Date of Appointment in the Present Position	No. of years of Service in this institute	Total No. of years of service	Pay scale with basic & total emoluments
1	Dr. S.S. Shah	28/02/1965	M	M.Sc.,Ph.D. Chemistry	Lect. 01/01/1988 to 01/09/1990 Prin. 04/01/2003	23 yrs	25 yrs	37400-67000 114193/-
2	Dr. R.S. Dave	01/06/1963	M	M.Sc.,Ph.D. Chemistry	11/10/1994	19 yrs	19 yrs	37400-67000 90517/-
3	Shri G.G. Barat	02/06/1969	M	M.Sc.,Ph.D. Chemistry	20/09/1996	17 yrs	17 yrs	37400-67000 101801/-
4	Dr. K.N. Patel	25/06/1967	M	M.Sc.,Ph.D. Chemistry	18/11/1997	16 yrs	16 yrs	37400-67000 93210/-
5	Dr. R.G. Parmar	30/03/1975	M	M.Sc.,Ph.D. Chemistry	10/07/1998	15 yrs	15 yrs	37400-67000 87896/-
6	Dr. G.R. Jani	09/11/1970	M	M.Sc.,Ph.D. Chemistry	01/10/2009	4 yrs	4 yrs	15600-39100 43870/-
7	Dr. V.B. Modi	13/02/1978	M	M.Sc.,Ph.D. Chemistry	03/02/2011	2 yrs	2 yrs	Fixed 16500/-
8	Shri H.M. Hinsu	19/10/1960	M	M.Sc., Physics	01/01/1988	25 yrs	25 yrs	37400-67000 109973/-
9	Shri S.B. Nayee	01/06/1961	M	M.Sc. Physics	16/08/1988	25 yrs	25 yrs	37400-67000 107352/-
10	Dr. C.A. Patel	01/06/1966	M	M.Sc.,Ph.D. Physics	05/10/1994	19 yrs	19 yrs	37400-67000 95995/-
11	Ku. N.V. Patel	28/03/1970	F	M.Sc. Maths	10/11/1995	18 yrs	18 yrs	37400-67000 93210/-
12	Shri M.P.Arবাদia	12/12/1964	M	M.Sc. Maths	25/09/2009	4 yrs	4 yrs	15600-39100 43870/-

13	Shri K.A. Patel	17/07/1966	M	M.Sc. Maths	01/10/2009	4 yrs	4 yrs	15600- 39100 43870/-
14	Dr. H.M. Ant	01/06/1974	M	M.Sc. Ph.D. Botany	21/09/1996	17 yrs	17 yrs	37400- 67000 95995/-
15	Dr. C.A.Acharya	29/07/1970	M	M.Sc.,Ph.D. Zology	16/03/2010	3 yrs	3 yrs	15600- 39100 42614/-
16	Shri B.P. Rao	01/12/1965	M	M.A. English	28/11/1988	25 yrs	25 yrs	37400- 67000 107352/-
17	Dr. R.R. Pandey	01/04/1955	M	M.A.,Ph.D. Hindi	28/01/1988	25 yrs	25 yrs	37400- 67000 109973/-
18	Shri S.M.Vaghera	15/10/1964	M	M.A. Hindi	02/01/1992	21 yrs	21 yrs	37400- 67000 101801/-
19	Dr. S.D.Prajapati	25/07/1973	M	M.A.Ph.D. Hindi	04/09/2003	10 yrs	10 yrs	37400- 67000 93210/-
20	Dr. Y.H. Raval	05/10/1962	M	M.A.,Ph.D. Gujarati	11/11/1991	22 yrs	22 yrs	37400- 67000 104840/-
21	Shri D.B. Patel	01/06/1967	M	M.A. Gujarati	02/01/1992	21 yrs	21 yrs	37400- 67000 102201/-
22	Dr. M.R. Pandya	06/01/1961	M	M.A.,Ph.D. Sanskrit	01/01/1988	25 yrs	25 yrs	37400- 67000 109973/-
23	Dr.I.S. Vaghani	08/06/1962	M	M.A.,Ph.D. Sanskrit	01/09/1990	23 yrs	23 yrs	37400- 67000 104840/-
24	Dr. M.S.Prajapati	05/03/1970	M	M.A.,Ph.D. Sanskrit	02/08/1994	19 yrs	19 yrs	37400- 67000 101801/-
25	Ku. M.B. Dati	07/08/1953	F	M.A. History	01/09/1990	23 yrs	23 yr	37400- 67000 104840/-
26	Mr.K.P.Chaudh ari	01/06/1967	M	M.A.,M.Phil. History	18/02/2008	5 yrs	5 yrs	15600- 39100 55937/-
27	Mr. K.S. Bhatt	24/07/1968	M	M.A.,M.Phil. Economics	11/11/1991	22 yrs	22 yrs	37400- 67000 104840/-

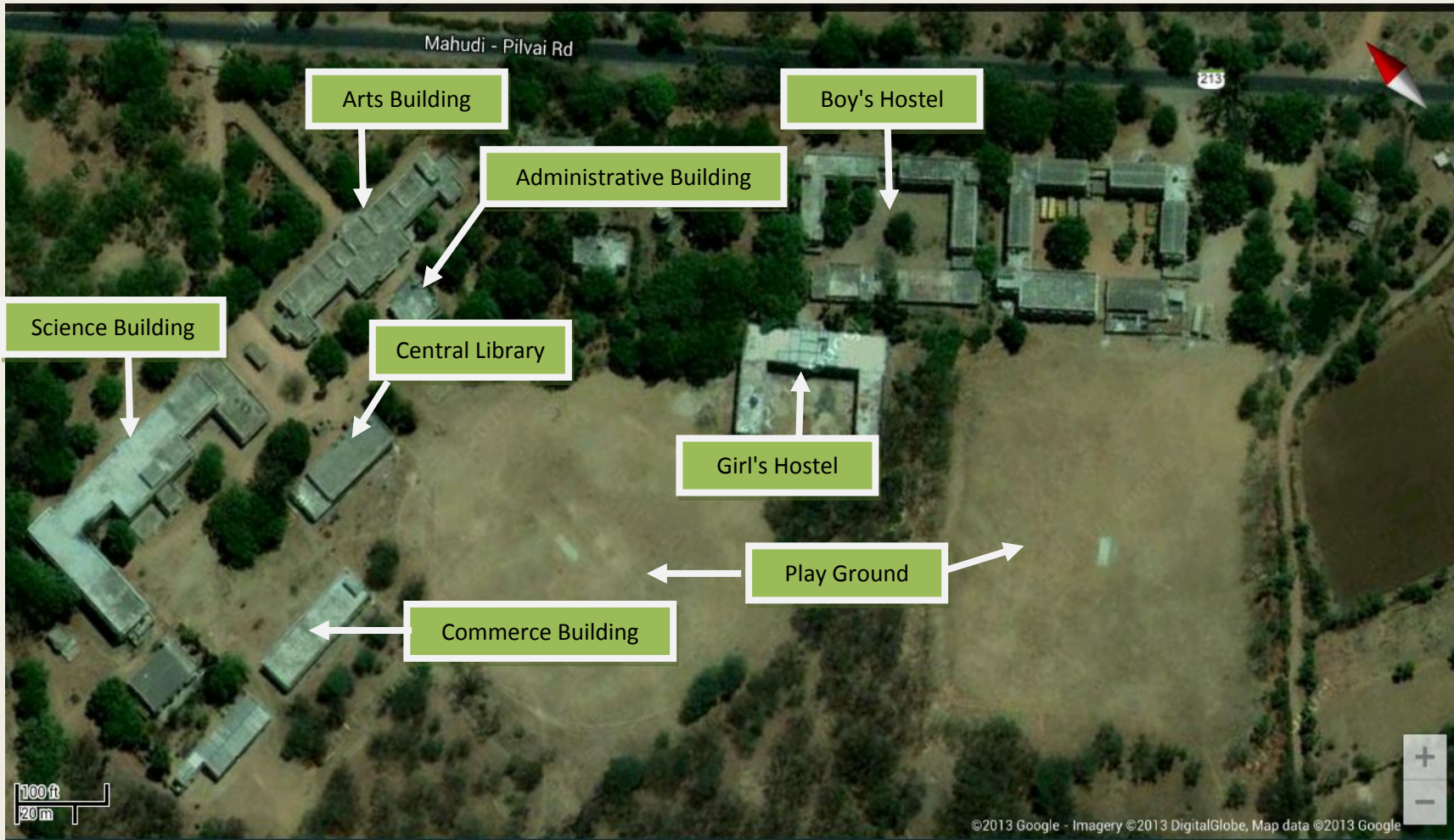
28	Ku. J.R. Vaghela	04/11/1981	F	M.A.,Slet. Economics	23/03/2012	1 yr	1 yr	Fixed 16500/-
29	Mr. M.A. Parmar	01/06/1962	M	M.A. Psychology	07/01/1992	21 yrs	21 yrs	37400-67000 107352/-
30	Dr. A.N. Dave	11/08/1952	M	M.A.Ph.D. English	16/08/1983	30 yrs	30 yrs	37400-67000 109973/-
31	Mr. D.J. Shah	01/06/1966	M	M.Com. Accountancy	04/01/1991	22 yrs	21 yrs	37400-67000 104840/-
32	Dr. H.M. Dixit	11/07/1964	M	M.Com.Ph.D Statistics	23/12/1991	22 yrs	22 yrs	37400-67000 104840/-
33	Mr. S.S. Mirza	26/10/1984	M	M.Com.Slet Accountancy	29/03/2012	1 yr	1 yr	Fixed 16500/-

Profile of Administrative Staff

Sr. No	Name & Designation	Date of Birth & Age	Sex	Highest Quali- fication	Date of Appointment in the Present Position	No. of years of Service in this institute	Total No. of years of service	Pay scale with basic & total emoluments
1	Shri A.M. Patel	13/06/1958	M	B.A.	05/02/1983	30 yrs	30 yrs	9300-34800
2	Shri H.S. Chauhan	05/02/1965	M	H.S.C.	17/01/1986	27 yrs	27 yrs	9300-34800
3	Shri J.M. Patel	01/05/1959	M	B.Com.	26/09/1989	23.5 yrs	23.5 yrs	9300-34800
4	Ku. B.G. Pandya	25/05/1959	F	B.A.	10/12/1988	24 yrs	24 yrs	9300-34800
5	Shri B.J. Chauhan	08/09/1966	M	B.Com.	26/09/1989	23.5 yrs	23.5 yrs	5200-20200
6	Shri K.K. Sadat	01/06/1962	M	S.Y.B.A.	13/10/1990	22.5 yrs	22.5 yrs	5200-20200
7	Shri P.R. Jani	01/09/1962	M	B.Com.	13/11/1999	13.5 yrs	13.5 yrs	5200-20200
8	Shri I.R. Makwana	01/06/1966	M	H.S.C.	18/01/1992	21 yrs	21 yrs	5200-20200
9	Shri R.L. Dodiya	10/10/1960	M	B.R.S.	17/01/1986	27 yrs	27 yrs	5200-20200
10	Shri K.M. Panchal	01/04/1962	M	B.Sc.	06/02/1988	24 yrs	24 yrs	5200-20200
11	Shri N.K. Kharadi	26/01/1965	M	I.T.I.	01/10/1988	24 yrs	24 yrs	5200-20200
12	Shri R.A. Patel	01/11/1976	M	S.S.C.	03/09/1997	15.5 yrs	15.5 yrs	4440-7440
13	Shri N.M. Bhil	01/06/1974	M	S.S.C. fail	05/09/1997	15.5 yrs	15.5 yrs	4440-7440
14	Shri J.R. Makwana	26/09/1974	M	S.S.C. fail	31/08/1998	15 yrs	15 yrs	4440-7440
15	Shri P.A. Panchal	23/02/1962	M	S.S.C. fail	13/11/1999	14 yrs	14 yrs	4440-7440
16	Shri M.N. Brahmbhatt	14/10/1971	M	S.S.C.	13/11/1999	14 yrs	14 yrs	4440-7440
17	Shri R.C. Vaghela	01/06/1966	M	S.S.C.	03/01/2006	7 yrs	7 yrs	4440-744

AIRIAL VIEW OF INSTITUTION

Annexure- 8



AIRIAL VIEW OF INSTITUTION

