

Shri R. K. Parikh Arts and Science College

(ACCREDITED BY NAAC: "B" GRADE)

(MANAGED BY PETLAD EDUCATION TRUST)



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The Annual Quality Assurance Report

(AOAR) of the IOAC

2008-2009



Shri R. K. Parikh Arts and Science College, Petlad.

Part A

The plan of action chalked out by the IQAC in the instigation of the year towards quality enhancement and the outcome achieved by the end of the year.

Brief outline of the Action Plan (2008-2009)

All the faculty members of the college actively put forward plans for the academic year in advance based on the direction given by the IQAC. The following highlights of the plan for the quality enhancement of the institution are as under:

- **Stimulate the scholastic module of PG course.**
- **Encourage the research activities among teachers.**
- **Improve library facilities forthcoming to the student.**
- **More emphasis on sports and extracurricular activities.**
- **Soft skill training programmes for the students.**
- **Faculty development and self assessment initiatives.**
- **Computerization of the departments and internet availability.**
- **Strengthening the Career Oriented Programmes.**
- **Appreciation to the students for the excellence in academic and extracurricular activities.**

Outcome achieved by the end of the year.

- **Stimulate the scholastic module of PG course.**
 - The college approached the Gujarat University for a proposal to start subject specialized PG courses. As a result the college got the sanction for Sociology as an entire subject at PG level.
- **Encourage the research activities among teachers.**
 - Teachers were encouraged to enroll for Ph.D. degree and apply for research projects. Mr. Kalpesh Trivedi of Department of Physics was registered for his Ph.D. degree.
 - Principal Dr. V. S. Joshi received the recognition as an invitee Ph.D. guide at Hemchandracharya North Gujarat University, Patan.
 - Dr. J. A. Chaudhary (Department of Chemistry) is continuing to work on a minor research project approved by UGC of Rs. 55,000/-.
- **Improve library facilities to make it student friendly.**
 - The library is equipped with computerized facilities for the database management of books, magazines and journals.

- The library infrastructure was expanded by providing an extra storeroom.
- Free internet facility for the students was introduced to access web for searching and downloading the study materials, preparations and presentations of different subjects.
- **More emphasis on sports and extracurricular activities.**
 - Sports equipments such as the table tennis facilities, mattresses for the athletics and other games are purchased.
 - College is hosting many sports activity competition and tournament.
 - Musical instruments were procured for cultural events.
- **Soft skill training programmes for the students.**
 - A variety of soft skill programmes like spoken English, computer literacy courses, Mehandi classes, Beauty care classes, Driving were conducted under Career guidance Cell, Rainbow Club, Movie Club and Collegiate Women's Development Cell.
 - The students enthusiastically participated in Personality development course.
 - Students also participated in different types of academic and Industrial Fairs, Exhibitions, Shows, etc. to augment recent developments in various fields.
- **Faculty development programmes and self assessment initiatives.**
 - All the faculty members attended various seminars, conferences and workshops throughout the year.
 - Workshops, seminars and conferences were organized in various subjects.
 - Regular and meaningful evaluation of teacher's performance by the students.
 - The feedback from students was obtained for the development of institution.
- **Computerization of departments and internet availability.**
 - All the departments of Science faculty, Arts faculty, Staff room, Administrative office and library were provided computer facility.
 - All these computers were connected by Local Area Network and broadband connection for internet connectivity.
- **Strengthening the Career Oriented Programmes.**
 - The College is successfully running UGC sponsored six Career Oriented Programmes.
 - Additional computers and Air-conditioners were installed in the computer laboratory.
 - Visit to industry, sociological survey, tourism projects and tours were arranged for the advancement of the students.
 - Department of Computer sciences organized a one day seminar for the students.
- **Appreciation to the students for the excellence in academic and extracurricular activities.**
 - Scholarships were given to the students for the academic achievements on merit basis.
 - Appreciation certificates, medals and prizes were offered to the students who participated in Science Study Circle activities, Sports activities, Seminars and other competitions in the College.

Part B

1. Activities reflecting the goals and objectives of the institution.

In the beginning of the term, annual planner has been given to all the faculty members for annual planning of academic activities throughout the year. Most of the academic and extracurricular programmes were arranged to impart best quality education and to facilitate all round development of the students.

The college academic session start with a clear goals and objectives to provide quality education to the rural students. In the year 2008-2009 also, the same goals and objectives were followed with the fortitude and keenness. Many poor students are obtaining freship, scholarship and other financial help. Reference books and set of textbooks, free internet surfing for reading e-Books and related study material were provided to all the students of the Science stream, while set of books were provided to groups (two to three students) of students in the Arts faculty.

To enhance the academic part of all the teachers were encouraged to use ICT enabled teaching aids for delivering lectures through multimedia presentation. Many new innovative subject CDs and books were acquired in the library is being used by the students as well as teachers.

The students were provided with free internet facilities at the U.G.C.-N.R.C. at college library and at the department of computer science. In addition to this, students also allowed to access free internet facilities at the different departments. Many short term courses of soft skill were arranged for the students. Students are also simulated to take any courses of the UGC sponsored six Career Oriented Programmes to acquire added knowledge and skills parallel to the regular learning. The teachers were always encouraged to participate in different Seminars/ Conferences/ Workshops to enhance their knowledge.

2. New academic programmes initiated (UG and PG).

UGC sponsored and Gujarat University affiliated Six Career Oriented Courses are already outfitted for the students to pursue the course parallel to the regular course. The six courses are as follow: Computer Application and Programming, Refrigeration, Seed Technology, Tourism, Applied Sociology and Web Page Designing & Printing Technology.

Gujarat University gives approval for Sociology entire subject at PG level at the College.

3. Innovations in curricular design and transaction.

The college has seldom any freedom for curricular design because as an affiliated college under the Gujarat University it has to follow the syllabus framed by the Under-graduate Board of Studies of different subjects of the University. However it is planned to made change in curricular of COP periodically as per the needs of time.

4. Inter-disciplinary programmes started.

The college is affiliated to the Gujarat University, so the courses already being run are affiliated to the university and the courses are as per the university curriculum. Besides, the college regularly organizes seminars, workshop on interdisciplinary subjects. The meeting of speakers on these seminars, workshops with students and teachers make aware of topics which are not prescribed in the syllabus but highly essential in present day context.

Four such seminars/workshops are mentioned here;

- UGC sponsored One Day National Conference entitled “**Taxonomy Teaching & Research : the Relevance in the National Context** ” was held on 27/09/2008. (See Photo P-1, 2)
- One Day Seminar on “**Tapping Talent for Triple Technology**” held on 27/12/2008 was organized by Department of Computer Science. (See Photo P-3)
- A one day workshop on “**Recent advances in Chromatography**” was jointly organized by Department of Chemistry and Department of Microbiology on 3/01/2009.
- UGC sponsored One Day Seminar on “**Intellectual Property Right**” held on 10/01/2009. (See Photo P-4)

5. Examination reforms implemented.

As the examinations are conducted by the university, consequently **no examination reforms** implemented during 2008-2009. Apart from regular internal examinations, majority of the departments have conducted unit tests and seminars for continuous evaluation of the students. Assignments were given to the students of Arts faculty. Comprehensive viva voce for practical examinations were introduced to assess the overall learning of the students at the end of each academic year particularly in the science faculty.

6. Candidates qualified: NET/SLET/GATE etc.

No data is available for any of these examinations in the year 2008-2009.

7. Initiative towards faculty development programme.

The Faculty members have attended national and international Conferences, seminars, workshops, orientation and refresher courses as part of their promotion requirement and also to update their knowledge in line with the changing scenario. They were provided with financial support from the PTAC grant from UGC to participate in different programmes. Many seminars and workshops were arranged in the college on various subjects for enhancement of the faculty. Guest lecturers of the subject experts were arranged for the benefit of the faculty and the students.

Principal Dr. V. S. Joshi received the recognition as an invitee Ph. D. Guide at Hemchandracharya North Gujarat University, Patan, Gujarat.

Following is the list of faculty members who have presented papers at International and National conferences/ workshops/symposiums during the year 2008-09.

Sr. No.	Name	Name of Seminars/Conferences/ Workshops/Symposiums	Name of Institute and Place	Period
1.	Dr. V. S. Joshi	21 st Conferences on Crystal Growth and Epitaxy	American Association of Crystal Growth and Epitaxy (Western Regional Section), California	08/06/2008 To 11/06/2008
2.	Dr. V. S. Joshi	Conference on "GUJSURGCON-2008"	Rajkot Medical College, Hemu Gadhvi Auditorium, Rajkot	28/11/2008 To 30/11/2008
3.	Dr. J. A. Chaudhari (Dept. of Chemistry)	National Seminar on "Emerging trends in chemical Sciences research"	Dept of Chemistry, S.P. Uni., VVNagar	20/01/2009 To 21/01/2009
4.	Mr. M. B. Vaghela (Dept. of Sanskrit)	UGC sponsored Two Days National Seminar On "21st Century Human Rights and Education"	C. B. Patel Arts College, Nadiad	24/01/2009 To 25/01/2009
5.	Mr. M. B. Vaghela (Dept. of Sanskrit)	UGC sponsored Two Days State Level Seminar On "Vishwa Gram : Samaaj, Sanskriti and Sahitya"	Nalini Arts college, Vidhyanagar	07/12/2008 To 08/12/2008
6.	Mr. R. T. Jasrai (Dept. of Chemistry)	"27 th Annual conference of Indian Council of Chemists"	Gurukul Kangri Vishwavidyalaya, Haridwar	26/12/2008 To 28/12/2008
7.	Mr. V. R. Patel (Dept. of Chemistry)	National conference on "Environment and chemistry"	Arts Science and Commerce college, Kholvad, Surat	29/11/2008 To 30/11/2008

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8.	Mr. I. A. Shaikh	16 th Conference of Gujarat Sociological Society	Smt. S. B. Patel Arts & Shri R. N. Amin Commerce College, Vaso	27/09/2008 To 28/09/2008
9.	Mr. I. A. Shaikh	UGC & Guj. State Aids Control Soc. Sponsored National seminar on “N.S.S. in the 21 st Century & HIV/AIDS Awareness”	D. M. Patel Arts & Commerce College, Ode	17/01/2009 To 18/01/2009
10.	Mr. I. A. Shaikh	UGC sponsored National level Seminar on “21 st Century and political economic, Sociological and psychological challenges”	C. B. Patel Arts College, Nadiad	24/01/2009 To 25/01/2009
11.	Mr. U. S. Solanki	UGC sponsored National level Seminar on “21 st Century and political economic, Sociological and psychological challenges”	C. B. Patel Arts College, Nadiad	24/01/2009 To 25/01/2009
12.	Mr. U. S. Solanki	UGC & Guj. State Aids Control Soc. Sponsored National seminar on “N.S.S. in the 21 st Century & HIV/AIDS Awareness”	D. M. Patel Arts & Commerce College, Ode	17/01/2009 To 18/01/2009

- Principal Dr. V. S. Joshi from the Department of Physics availed Travel Grants of the UGC to present their research papers.

Following is the list of publications in various journals by faculty members during the year 2008-09.

Sr. No.	Name	Name of Article	Journal	Year of Publication
1.	Dr. V. S. Joshi	<i>Aspergillus niger</i> assisted crystal growth of calcium tartrate : an alternative method to grow crystals	Cryst. Res. Technol., 1-5 (2008) / DOI 10.1002/crat.200800405	2008

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Following is the list of faculty members who have written Book / article during the year 2008-09.

Sr. No.	Name	Name of Book/Article	Publisher	Year of Publication
1.	Dr. U. H. Vyas	Computer Pragna	Rushi Computer, Baroda.	2008
	Dr. U. H. Vyas	Introduction and fundamentals of computer Window-XP, HTML, Tally.	Akshar Publication, Ahmedabad.	2008

Following is the list of faculty members who have attended seminars/conferences/workshops/symposiums during the year 2008-09.

Sr. No.	Name	Name of Seminars/Conferences/Workshops/Symposiums	Name of Institute and Place	Period
1.	Dr. U. N. Patel (Dept. of Physics)	One Day Seminar on "Tapping Talent for Triple Technology"	Shri R. K. Parikh Arts & Science College, Petlad	27/12/2008
	Dr. U. N. Patel (Dept. of Physics)	Seminar on "Intellectual Property Right"	Shri R. K. Parikh Arts & Science College, Petlad	10/01/2009
	Dr. U. N. Patel (Dept. of Physics)	Golden Jubilee Celebration Physics Seminar	Shri R. K. Parikh Arts & Science College, Petlad	27/12/2008
2.	Mr. K. R. Trivedi (Dept. of Physics)	One Day Seminar on "Tapping Talent for Triple Technology"	Shri R. K. Parikh Arts & Science College, Petlad	27/12/2008
	Mr. K. R. Trivedi (Dept. of Physics)	Seminar on "Intellectual Property Right"	Shri R. K. Parikh Arts & Science College, Petlad	10/01/2009
	Mr. K. R. Trivedi (Dept. of Physics)	Golden Jubilee Celebration Physics Seminar	Shri R. K. Parikh Arts & Science College, Petlad	27/12/2008
3.	Mr. R. T. Jasrai (Dept. of Chemistry)	Seminar on "Intellectual Property Right"	Shri R. K. Parikh Arts & Science College, Petlad	10/01/2009
	Mr. R. T. Jasrai (Dept. of Chemistry)	"Recent advances in Chromatography"	Shri R. K. Parikh Arts & Science College, Petlad	03/01/2008
4.	Mr. V. R. Patel (Dept. of Chemistry)	Seminar on "Intellectual Property Right"	Shri R. K. Parikh Arts & Science College, Petlad	10/01/2009
	Mr. V. R. Patel (Dept. of Chemistry)	"Recent advances in Chromatography"	Shri R. K. Parikh Arts & Science College, Petlad	03/01/2008
5.	Mr. S. V. Patel (Dept. of Chemistry)	Seminar on "Intellectual Property Right"	Shri R. K. Parikh Arts & Science College, Petlad	10/01/2009

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	Mr. S. V. Patel (Dept. of Chemistry)	“Recent advances in Chromatography”	Shri R. K. Parikh Arts & Science College, Petlad	03/01/2008
	Mr. S. V. Patel (Dept. of Chemistry)	National conference on “Green chemistry”	Veer Narmad South Guj.Uni. , Surat.	06/02/2009 To 08/02/2009
6.	Dr. J. A. Chaudhari (Dept. of Chemistry)	“Recent advances in Chromatography”	Shri R. K. Parikh Arts & Science College, Petlad	03/01/2008
	Dr. J. A. Chaudhari (Dept. of Chemistry)	Seminar on “Intellectual Property Right”	Shri R. K. Parikh Arts & Science College, Petlad	10/01/2009
	Dr. J. A. Chaudhari (Dept. of Chemistry)	Workshop on “Faculty development”	ICFAI National college Vallabh Vidyanagar	23/11/2008
	Dr. J. A. Chaudhari (Dept. of Chemistry)	Workshop on “Tapping Talent for Triple Technology”	Shri R. K. Parikh Arts & Science College, Petlad. (Gujarat)	27/12/2008
7.	Mr. B. D. Joshi (Dept.of Microbiology)	UGC sponsored National Conference on “Taxonomy Teaching and Research: The Relevance in the National Context”.	Shri R. K. Parikh Arts & Science College, Petlad. (Gujarat)	27/09/2008
	Mr. B. D. Joshi (Dept.of Microbiology)	One day National Seminar on “Silencing the Message : mi and si RNAs”.	Prof.C. C. Mehta Auditorium, M.S. University, Baroda.	27/11/2008
	Mr. B. D. Joshi (Dept.of Microbiology)	National Level Seminar on “Passion to Mission in Molecular Biology”.	GSBTM & N.V.Patel College of Pure & Applied Science, Vallabh Vidyanagar,	28/11/2008
	Mr. B. D. Joshi (Dept.of Microbiology)	Workshop on “Tapping Talent for Triple Technology”	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	27/12/2008
	Mr. B. D. Joshi (Dept.of Microbiology)	One Day Workshop for Orientation in “Implementation of New Curriculum in Microbiology”.	R.G.Shah Science College, Ahmedabad.	28/12/2008
	Mr. B. D. Joshi (Dept.of Microbiology)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Mr. B. D. Joshi (Dept.of Microbiology)	Workshop on “Biomedical and Biotechnological Research”.	Educational Campus, Changa, Gujarat.	22/01/2009 To 23/01/2009
8.	Mr. V. N. Vora (Dept. of Microbiology)	“Recent advances in Chromatography”	Shri R. K. Parikh Arts & Science College, Petlad	03/01/2008

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	Mr. V. N. Vora (Dept. of Microbiology)	UGC sponsored One Day regional Level Seminar On "Improvement in educational quality and NAAC"	Arts, Commerce Science college, Borsad	08/08/2008
	Mr. V. N. Vora (Dept. of Microbiology)	UGC Sponsored National Seminar on "Communications in Biomedical and Agricultural Sciences"	Virani Science College, Rajkot	06/09/2008
9.	Dr. K. B. Anjaria (Dept. of Biology) As a Resource person	Two days Conservation Festival, Nationwide Green Governance Programme with Army schools, WWF India	Sainik School, Balachadi, Jamnagar	14/08/2008 To 15/08/2008
	Dr. K. B. Anjaria (Dept. of Biology)	Workshop on "Bamboo plantations in Kheda"	Kathalal forest office, department of forest, Kathalal.	27/08/2008
	Dr. K. B. Anjaria (Dept. of Biology)	UGC Sponsored National Seminar on "Communications in Biomedical and Agricultural Sciences"	Virani Science College, Rajkot	06/09/2008
	Dr. K. B. Anjaria (Dept. of Biology)	UGC sponsored State level Seminar at "Current trends in Environmental Sciences"	N.V.Patel College of Applied Sciences, V.V.Nagar	20/09/2008
	Dr. K. B. Anjaria (Dept. of Biology)	UGC sponsored National Conference of "Taxonomy teaching and research: the relevance in the national context"	Shri R K Parikh Arts and Science college, Petlad	27/09/2008
	Dr. K. B. Anjaria (Dept. of Biology)	National Seminar on "Silencing the message: mi and si RNA's"	Society of Biological Chemists (India), Dept. of Microbiology, M. S. University of Baroda, Vadodara.	27/11/2008
	Dr. K. B. Anjaria (Dept. of Biology)	UGC sponsored One Day State Level Seminar On "Intellectual Property Right".	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Dr. K. B. Anjaria (Dept. of Biology)	Seminar on "Medicinal Plant Growers and sellers meet"	Department of Forest, NRC-MAP institute, Boriyavi, Dist Anand.	05/12/2008
	Dr. K. B. Anjaria (Dept. of Biology)	UGC sponsored State level two day seminar on "Environment education and Disaster risk management"	M. G. Science Institute, Ahmedabad.	28/01/2009 To 29/01/2009

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	Dr. K. B. Anjaria (Dept. of Biology)	CSIR, New Delhi sponsored National Seminar on “Emerging areas in Plant Sciences”	Department of Botany, M. S. University of Baroda , Vadodara	22/02/2009
	Dr. K. B. Anjaria (Dept. of Biology)	UGC sponsored Spring Training on “Taxonomy and Applications of Grasses”	Dept of Botany, School of Science, Ahmedabad	26/02/2009 To 28/02/2009
10.	Mr. S. D. Shukla (Dept.of Mathematics)	International Conference on Discrete Mathematics	University of Mysore, Mysore	06/06/2008 To 10/06/2008
	Mr. S. D. Shukla (Dept.of Mathematics)	Workshop on “Lie Group and Representation”	Harishchandra Research Institute, Allahabad	17/11/2008 To 29/11/2008
	Mr. S. D. Shukla (Dept.of Mathematics)	National Research Seminar	Sardar Patel University, V.V.Nagar	10/01/2009 To 12/01/2009
	Mr. S. D. Shukla (Dept.of Mathematics)	National Seminar on Differential Equation and its applications	M. S. University, Baroda	30/01/2009 To 31/01/2009
11.	Dr. U. H. Vyas (Dept. of Computer Science)	UGC sponsored Information Technology Animation Graphics Web designing	H. K. Arts College, Ahmedabad	24/07/2008 To 25/07/2008
	Dr. U. H. Vyas (Dept. of Computer Science)	National Seminar on “A golden opportunity to an entrepreneur”	M. N. Virani Science College, Rajkot	10/02/2009
	Dr. U. H. Vyas (Dept. of Computer Science) As a Resource person	State level seminar on “Internet and web designing fundamentals”	Arts & Commerce College, Baria	29/02/2009
	Dr. U. H. Vyas (Dept. of Computer Science)	Web designing & multi media	Arts, Science and Commerce College, Bhadran	26/09/2008
12.	Mr. A.V.Pandya (Dept.of English)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad .(Gujarat)	10/01/2009
	Mr. A.V.Pandya (Dept.of English)	One day work shop on “Methods of Teaching English”	Arts,Commerce Science college, Borsad	05/07/2008
	Mr. A.V.Pandya (Dept.of English)	Workshop on “Tapping Talent for Triple Technology”	Shri R.K.Parikh Arts & Science College, Petlad .(Gujarat)	27/12/2008
	Mr. A.V.Pandya (Dept.of English)	UGC sponsored One Day regional Level Seminar On”Improvement in educational quality and NAAC”	Arts,Commerce Science college, Borsad .	08/08/2008

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	Mr. A.V.Pandya (Dept.of English)	UGC sponsored One Day state Level Seminar On”Englisg teaching: its problem	Arts,Commerce college, Kakanpur.	10/10/2008 To 11/10/2008
	Mr. A.V.Pandya (Dept.of English)	H.M.Patel Institute of English sponsored Two days International meet On”Creativity and Literature”	H.M.Patel Institute of English, Vallabh Vidyanagar.	03/11/2008 To 04/11/2008
	Mr. A.V.Pandya (Dept.of English)	Workshop on “Faculty development”	ICFAI National college Vallabh Vidyanagar	23/11/2008
	Mr. A.V.Pandya (Dept.of English)	UGC sponsored Two Days National Level Seminar On”Vishwa Gram : Samaaj,Sanskriti and Sahitya”.	Nalini Arts college, Vidhyanagar	07/12/2008 To 08/12/2008
13.	Ms. I. B. Patel (Dept. of Psychology)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Ms. I. B. Patel (Dept. of Psychology)	One day orientation programme for CWDC	Women’s Development Cell, Gujarat Univ., Ahmedabad.	09/08/2008
14.	Mr. M. B. Vaghela (Dept. of Sanskrit)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
15.	Ms. P. N. Dave (Dept. of Gujarati)	Workshop on Gujarati Curriculum	P.G. Dept. of Gujarati, Gujarat University, Ahmedabad.	23/03/2009
	Ms. P. N. Dave (Dept. of Gujarati)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Ms. P. N. Dave (Dept. of Gujarati)	Workshop on “Tapping Talent for Triple Technology”	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	27/12/2008
16.	Mr. K. R. Vankar (Dept.of Gujarati)	UGC sponsored Two Days State Level Seminar On” <i>Vishwa Gram : Samaaj,Sanskriti and Sahitya</i> ” a paper title is : “ <i>Manaviya sambhandh ane Aadhyatmikta</i> ”.	Nalini Arts college, Vidhyanagar	07/12/2008 To 08/12/2008
	Mr. K. R. Vankar (Dept.of Gujarati)	“ <i>NatyakarRanchhodhbhai Udayrai Dave</i> ”	M. D. Shah and B. D. commerce college, Mahudha	22/12/2008

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	Mr. K. R. Vankar (Dept.of Gujarati)	UGC sponsored National level Seminar on “21 st Century and political economic, Sociological and psychological challenges”	C. B. Patel Arts College, Nadiad	24/01/2009 To 25/01/2009
	Mr. K. R. Vankar (Dept.of Gujarati)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R. K. Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
17.	Mr. U. S. Solanki (Dept.of Sociology)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
18.	Mr. I. A. Shaikh (Dept.of Sociology)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R. K. Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Mr. I. A. Shaikh (Dept.of Sociology)	Conference of Gujarat Sociological Society	Smt. S. B. Patel Arts & Shri R. N. Amin Commerce College, Vaso	27/09/2008 To 28/09/2008
	Mr. I. A. Shaikh (Dept.of Sociology)	Workshop on “Tapping Talent for Triple Technology”	Shri R. K. Parikh Arts & Science College, Petlad. (Gujarat)	27/12/2008
19.	Mr. P. S. Patel (Dept. of Economics)	UGC sponsored one day seminar on “Emerging issues in capital market”	V. Z. Patel Commerce College, Anand	03/08/2008
	Mr. P. S. Patel (Dept. of Economics)	UGC sponsored National Seminar on “Gandhian Economics”	Arvind & Nalini Arts College, V.V.Nagar	06/12/2008 To 07/12/2008
	Mr. P. S. Patel (Dept. of Economics)	Workshop on “Tapping Talent for Triple Technology”	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	27/12/2008
	Mr. P. S. Patel (Dept. of Economics)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Mr. P. S. Patel (Dept. of Economics)	UGC Sponsored National seminar on “N.S.S. in the 21 st Century & HIV/AIDS Awareness”	D. M. Patel Arts & Commerce College, Ode	17/01/2009 To 18/01/2009
	Mr. P. S. Patel (Dept. of Economics)	UGC sponsored National level Seminar on “21 st Century and political economic, Sociological and psychological challenges”	C. B. Patel Arts College, Nadiad	24/01/2009 to 25/01/2009

20.	Ms. S. S. Vyas (Dept. of Economics)	UGC sponsored one day seminar on “Emerging issues in capital market”	V. Z. Patel Commerce College, Anand	03/08/2008
	Ms. S. S. Vyas (Dept. of Economics)	UGC sponsored National Seminar on “Gandhian Economics”	Arvind & Nalini Arts College, V.V.Nagar	06/12/2008 To 07/12/2008
	Ms. S. S. Vyas (Dept. of Economics)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009
	Ms. S. S. Vyas (Dept. of Economics)	UGC sponsored National level Seminar on “21 st Century and political economic, Sociological and psychological challenges”	C. B. Patel Arts College, Nadiad	24/01/2009 To 25/01/2009
21.	Mr. S. M. Parekh (Librarian)	UGC sponsored One Day State Level Seminar On “Intellectual Property Right”.	Shri R.K.Parikh Arts & Science College, Petlad. (Gujarat)	10/01/2009

8. Total number of seminars/workshops conducted.

The following conference and seminar are conducted during academic year 2008-2009.

- UGC sponsored One Day National Conference entitled “**Taxonomy Teaching & Research : the Relevance in the National Context** ” was held on 27th September 2008. (See Photo P-1,2)
- A self financed workshop on “**Tapping Talent for Triple Technology**” organized by the Department of Computer Science under COP on 27th December 2008. (See Photo P-3)
- A one day workshop on “**Recent advances in Chromatography**” was jointly organized by Department of Chemistry and Department of Microbiology on 3rd January 2009.
- UGC sponsored One Day State Level Seminar On “**Intellectual Property Right**” was organized by Shri R. K. Parikh Arts and Science College on 9th January 2009. (See Photo P-4)

A seminar on “Expanding Horizons of Science” on the Celebration occasion of National Science Day was organized by department of Physics. (See Photo P-5)

An interactive training programme on ‘**Knowledge Management Project for faculty (KMPF)**’, jointly organized by Higher Education Department, Government of Gujarat, during 07-02-09 to 11-02-09. As a part of the above mentioned project, three sessions were held, in which one is for self-introduction of the all the staff, second one is their presentation on relevant topic in their subjects and the third is on feedback and analysis. (See Photo P-6)

9. Research projects

a) Newly implemented:

Sorry to state that no research projects were sanctioned and implemented in the year 2008-2009.

b) Continued:

One ongoing UGC sponsored minor research project titled “*Novel Epoxy Resin Curing Agent Containing S-Triazine Ring*” by **Dr. J. A. Chaudhari, Department of Chemistry.**

10. Patents generated, if any.

Sorry to state that no patent has been generated during the academic year 2008-2009.

11. New collaborative research programmes.

Dr. Vimal Joshi, Department of Physics is working on crystal growth in collaboration with the Hemchandracharya North Gujarat University, Patan.

12. Research grants received from various agencies.

No research grants received during 2008-2009.

13. Details of research scholars.

The college is mainly an under graduate, college having PG centre in Arts faculty. At present one student Mr.J.D.Shah, Lecturer in Physics, Himmatnagar is enrolled and doing research.

14. Citation index of faculty members and impact factor.

The details of the research papers published and the impact factor is given below.

Sr. No.	Name of Faculty	Title of research paper	Details of publication	Impact factor
1	V.S.Joshi	“Aspergillus niger assisted crystal growth of calcium tartrate: an alternative method to grow crystals.”	Crystal research and technology 1-5 (2008)	1.92

15. Honors/ Awards to the faculty.

The following is the details of the honors and awards received by faculties of our college during 2008-2009.

Dr. Vimal Joshi and Mr. Vijay Patel are serving as a senate member of Gujarat University.

Mr. Kalpesh Trivedi served as a Public Relation Coordinator of Rotary District 3060 of Rotary International.

Mr. Rakesh Jasrai was honored as Lieutenant in N.C.C.

16. Internal resources generated.

No such internal resources generated in the college during the year 2008-2009.

17. Details of departments getting SAP, COSIST (ASIST)/ DST, FIST, etc. assistance/recognition.

Dr. Vimal Joshi received financial assistance from the UGC in the form of research travel grants.

18. Community services.

The college has organized various activities under the aegis of NSS, NCC, (See Photo P-8,9) Nature Club, etc. that provided services to the surrounding regions and people in the academic year 2008-2009.

- On 25.07.08, the NSS volunteers performed tree plantation programme in college campus.
- On 07.08.08, the volunteers of NSS and NCC participated in cleanliness drive organized by Petald Nagarpalika. (See Photo-7)
- Colleeate Womens Development Cell organizes essay competition on "Female Foeticide - a social problem" for women held on 20/07/2008.
- Colleeate Womens Development Cell organize a Panel lecture on "AIDS, Thallasemia, and alertness of Blood Donation" for women and after the completion of seminar, students took part in questioner session held on 20/12/2008.
- Colleeate Womens Development Cell organizes Rangoli competition for women held on 24/07/2008.
- Colleeate Womens Development Cell and CAC organize a seminar on "Making career as an Air Hostess" for women held on 01/08/2008. (See Photo P-10)

19. Teachers and officers newly recruited.

No teacher or officer has been recruited by the institution in the academic year 2008-2009.

20. Teaching – Non-teaching staff ratio.

The total of teaching faculty is 27 and non-teaching staff is 14.

21. Improvements in the library services.

The following are some of the improvements of the library services.

1. The listing of all the library books by bar code system is still in progress. On completion of the bar coding of the library books we will try to issue and returning of books as per the barcode reader system.
2. The library timing has been extended from 09.00 hrs to 18.00 hrs during College and university examinations.
3. Question Paper Sets, Educational CDs and references of different subjects are issued to students and staff of the college.
4. Majority of books are issued to all the science students from 'Book Bank' donated by Swami Sachidanand Seva Samaj Trust, Dantali.

22. New books/ journals subscribed and their value.

The following is the details of the new books/ journals subscribed in the library and the values of the same for the academic year 2008-2009.

	Head	Details for 2008-2009	
		Number of Books	Total Cost (in Rupees)
Text books/ Reference	UGC-Science	94	35134=00
	UGC-Arts	14	3226=00
	Total UGC	108	38360=00
Other books	Science	137	18807=00
	Arts	09	1895=00
	Total	146	20702=00
Journals/Periodicals	Arts/ Science	30	9075=00
Magazine/Newspaper	Arts/ Science	41	11566=00

23. Courses in which student assessment of teachers is introduced and the action taken on student feedback.

General Feedback form is filled by both the undergraduate as well as post graduate courses. The students-Teachers evaluation feedback received from undergraduate students. The feedback forms are analyzed and report is prepared by department of computer science. The report is shared by the college principal as well as the staff members.

24. Unit cost of education.

Unit cost of education (with salary) : Rs. 21860=16
Unit cost of education (without salary) : Rs. 1254=63

25. Computerization of administration and the process of admissions and examination results, issue of certificates.

The administrative office and all the departments are outfitted with computers. The admission process, collection of fees, enrollment of the students, account of the college etc. are done on the computer. The COP examination results as well as issuing of certificates etc. are done by the computer. Efforts are in the works to computerize the whole office work.

26. Increase in the infrastructural facilities.

No new infrastructure facilities added in the college. So no such addition to the existing infrastructure has been undertaken during 2008-2009.

27. Technology upgradation.

Many more departments have been provided with computers and its accessories with internet broadband connections. So that all staff members and majority of students exploit this features for their research work and project preparations. ICT based education, Over Head Projector, Multi-media projector, cameras, etc. have been acquired for the educational augmentation of the college.

28. Computer and internet access and training to teachers and students.

Computer and internet access are provided free of cost to the staff members and students in the individual departments as well as at the Department of Computer. Though no computer training programme have been arranged for the teachers of the college. But the students were given option to opt for computer subject either in regular course or through Career Orientation Programme.

29. Financial aid to students.

The following is the details of the financial aid provided to the students through the college in the year 2008-2009.

Sr. No.	Head of Financial Aid	Number of students benefited		Total Amount
		Men	Women	
1	B.C.	16	32	86,717=00
2	Baxi Punch	44	86	1,51,250=00
3	NT/DNT	10	01	22,350=00
4	E.B.C	15	00	17,400=00
5	Physically Handicapped	03	03	17,000=00

30. Activities and support from the Alumni Association.

We planned such of the Alumni Association at the beginning of term, but any how it was not materialized in form of support from alumni association.

31. Activities and support from the Parent-Teacher Association.

One meeting of the Parent-Teacher Association took place in the academic year 2008-2009. Many healthy suggestions were made by the parents for the enhancement of the overall college functioning. The discussions were a great boost for the improvement in the college working.

32. Health services:

Staff receives the health facility in the form of medical allowance per month. If any major hospitalization or medical bill arises then the same is remunerated under the medical allowance facility of the government. A one day health check up camp was organized for the freshers of the college.

33. Performance in sports activities.

The College students actively participated in the following sports activities throughout the year:

- Wrestling ➤ Badminton ➤ Weight-lifting ➤ Best Physique
- Power-lifting ➤ Table Tennis ➤ Judo ➤ Boxing, Chess
- Cross Country ➤ Athletic

The College obtained championship at Gujarat University South Zone Inter-College tournament

- Two students of the College participated in Judo and Power Lifting at All India Inter-University Championship.

Details of our college students participation at the Gujarat University South Zone Inter-College tournament (men & women).

Sr. No.	Particular	Men	Women	Total
1	Participation in no. of game	12	05	17
2	No. of Participants	57	29	86

Details of our college students participation and results at the All India Inter- University Championship.

Sr. No.	Name of the Game	Name of Student	Details
1	Judo	Kumari Shastri Devshriben H.	Participated at Manipur University, Imphal.
2	Power lifting	Kumari Chauhan Hetalben G.	Andhra University, Vishakhapatnam, A.P.

Details of our college students participation and results at Gujarat University South Zone Inter-College tournament.

Sr. No.	Name of the Game	Winning Position
1	Judo Women	Champion Team
2	Power lifting women	Champion Team
3	Boxing women	Champion Team
4	Boxing men	- Runners up Team
5	Power lifting men	- Runners up Team
6	Weight lifting men	- II nd Runners up Team

The college hosted Gujarat University South Zone Inter-College Meet during Nov/Dec. 2008 for Power Lifting, Weight Lifting and Best Physique Games. (See Photo P-11)

34. Incentives to outstanding sportspersons.

Sport persons of our college were provided with sports kit, sports equipments & First Aid kit, accessories, traveling and daily allowance during participation in the tournament.

The best player of the year 2008-2009 woman and man sport-students of the college were awarded to Chauhan Hetalben G. and Solanki Rajubhai D. with trophy and certificate respectively.

35. Student achievements and awards:

The following are some of the achievements and awards received by our college students in the year 2008-2009.

Devsrhiben H. Shastri participated in 44 Kg Judo competition at Manipur Uni., Imphal, Kanchipuram.

Chauhan Hetalben G participated in 48 Kg power lifting competition at Andhra University, Vishakhapatnam, A.P.

- Solanki Rajubhai D. was awarded the best man Player of our college.
- Chauhan Hetalben G. was awarded the best woman Player of our college.

36. Activities of the Guidance and Counseling unit.

The activities under the Guidance and Counseling unit works and assists the students for the admission process and explain about the selection of subjects. The unit also provides the personal counseling to the second year students in their subject selection. The final year students of the UG and PG were guided for their future career by organizing career development seminars.

Collegiate Women's Development Cell (CWDC) gave guidance to the girls of the college during the academic year. Various activities like guest lectures, workshops, competitions, etc. were arranged for the women students of the college.

37. Placement services provided to students.

under the active guidance of placement Career Guidance Cell, headed by one of the faculty along with various members of the college, conducts many workshops on variety of facets during the academic year, soft skill courses, provides guidance in preparation of the CV's of the students, provides computer education, etc. The cell provides opportunity to the poor and needy students of the college to "Earn-While-Learning". Under this scheme the students are provided with campus jobs which they can perform during their free time.

In the academic year 2008-2009 many soft skill courses were conducted. Courses like English Improvement, Beauty Parlour for girls, Youth Empowerment with Personality Improvement in collaboration with the Ahmedabad Management Association etc. were conducted under the cell activities. Many students of the college took advantage of such useful courses.

38. Development programmes for non-teaching staff.

The non-teaching staff takes basic computer training of their administrative work.

39. Healthy practices of the institution:

The college has many healthy practices that they follow all throughout the academic year. Some of the best practices that the college performed during the year 2008-2009 are as follow.

1. The college campus is declared as No Gutka, No tobacco, No pan-masala and No cigarette zone. If any staff member or student found to break the law, they have to pay fine.
2. All students and staff members of the college are provided with free internet facility.
3. Science Study Circle organizes student seminars fortnightly. (See Photo P-12)
4. B.Sc. Physics students are given the responsibility to check and repair all electric points and appliances of the college building. If any defect or mutilation is found, they repair the points with the help of the technician of the college.
5. B.Sc. Chemistry students under the project phenyl preparation and other bleaching agents.
6. The college publishes a monthly student magazine under the title "Utthan". The contents and articles of the magazine are written by the students of the college, which helps the students in to improve their writing skills as well as their imagination skills.
7. The needy students are provided the opportunity to earn while they learn during their study. Many students in the academic year 2007-2008 were recruited in the library for library services.
8. The students of S.Y.B.Sc and T.Y.B.Sc(Microbiology) examined the drinking water of the college and analyzed the drinking water. They examined and analyzed the water of surrounding villages of the district.
9. The students of tourism certificate course under the COP visited Saputara and Tithal, located in Gujarat.
10. The three students of S. Y. B.Sc. actively participated in 21 days Advanced Physics Workshop organized by Vikram A. Sarabhai Community Science Centre at Ahmedabad.
11. Garba competition was organized during Navratri Celebration in the college.
12. T. Y. B.A. (Sociology and Economics) students visited the world famous Amul Dairy at Anand as a study tour.
13. T. Y. B.Sc. Microbiology students participated in national level seminar at Rajkot.
14. T. Y. B. Sc. Chemistry students visited various industries at Baroda, Ankleshwar and Vapi.
15. The college organized a Medical Checkup for all the F. Y. B.A. and F. Y. B.Sc. students.
16. N.C.C. cadets participated in Independence Day parade and cultural activities. (See Photo P-8 & 9)

40. Linkages developed with National/ International, academic/ Research bodies.

Dr. Vimal S.Joshi, Department of Physics is working in collaboration with Dr. K. C. Patel Research and Development Centre, Education Campus, Changa in the field of effect of some additive solution on crystal growth.

41. Any other relevant information the institution wishes to add.

The college is glad to state that two of its faculties attended an International Conferences and presented their research papers availing UGC Travel Grants. The details are given below.

- Dr. V.S.Joshi attended and presented a research paper at the international conference “21st Conferences on Crystal Growth and Epitaxy” at C.A., USA from 08/06/2008 to 11/06/2008 availing the UGC Travel Grant Scheme.
- Dr. Uday H. Vyas of Department of Computer Science has published two books on computer subject. The details of the books are given below.
 - “Computer Pragyna” for state government employees who are in-service to learn CCC Course.
 - Dr. K. B. Anjaria, Head, Dept. of Biology has served as a quiz competition at District level science quiz C.C.Patel Community Science Centre of GUJCOST, GOV OF GUJARAT, Vallabh Vidyanagar on 29/12/2008.

Part C

Details of the plans of the Institution for the next year.

The college has planned the following goals in the next academic year 2009-2010.

- To enhance the Functional English skill among the students, college will plan to start new short term English courses and computer subjects.
- Procuring advanced technology for effective teaching.
- Improvement in Co-curricular and extra- curricular activities.
- Upgradation and improvement in college website.
- Encourage college faculty and students for Industrial visit.
- To invite visiting faculties and scientists from other universities, institutions and industries.
- To extend community services for senior citizens, women and self employed persons to provide computer literacy.

APPENDIX-I(A)

GLIMPSES OF ACTIVITIES



P-1

UGC sponsored One Day National Conference entitled “Taxonomy Teaching & Research : the Relevance in the National Context ”



P-2

Poster presentation at National Conference entitled “Taxonomy Teaching & Research : the Relevance in the National Context ”



P-3 One Day Workshop on “Tapping Talent for Triple Technology” under UGC-COP programme



P-4

UGC sponsored One Day State Level Seminar On “Intellectual Property Right”



P-5

A Seminar on “Expanding Horizons of Science” on the Celebration occasion of National Science Day



P-6

Knowledge Management Programme for Faculty (KMPF)

APPENDIX-I(B)

GLIMPSES OF ACTIVITIES



P-7
Cleanliness Drive in Petlad town by
N.S.S. students



P-8
Independence Day Parade Celebration



P-9
Cultural Programme by N.C.C. students



P-10
Career guidance for girls as air hostess
in aviation industry



P-11
Boxing Championship competition for Girls



P-12
Presentation by students in Science Study
Circle activity