

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of the Institution:	Hemchandracharya North Gujarat University, Patan.		
Name of the Head of the Institution:	Prof. (Mrs.) Hemixa Rao, Vice Chancellor		
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Name of the IQAC Co-ordinator:	Prof. Ashok R. Patel		
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Year of Report: 2009 – 2010

PART–A: The Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

This is in the year of preparation of Silver Jubilee celebration as it is 24th year of the University. This includes maintaining academic calendar, organizing seminars/conferences, pedagogic methods like field study and extension work, industrial visits by students, design experiment and learning activities, administrative modernization through the use of ICT, co-curricular and extracurricular activities, placement and internship for students etc.

Activities reflecting the objectives of the institution are summarized in the following paragraphs:

- There is an ongoing effort to enhance the quality performance of the department through various means like participation and paper presentation in seminar/workshop, Development of teaching aids and methodology.
- All faculty members, are actively engaged in research and development activity which focus on research and extension work.
- Students are motivated to use department library.
- Invites speakers from other university of the states & country to deliver series of lectures to M.Sc./M.Phil. students.
- Chalked out time-table is fully followed in respect of Day to Day Teaching Scheduled, Unit Test, Internal Test, etc.
- Renew the curriculum continually considering industry demands.
- Enhance the soft skills of the students, special lectures and communication skills are taken with practical sessions and use of language software's, group discussions, mock seminars and mock interviews.
- Update and upgrade professional knowledge and skills, and improve the broader educational, administrative, and resource environments in which teaching and learning take place.
- Motivate and encourage students to do live project work in industry.
- Optimal efforts for better placement of students.

PART-B:

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

RESEARCH AND OTHER PUBLICATIONS OF THE FACULTY

Department of Chemistry

Dr. J. J. Vora

1. (With S B Vasava, Asha D Patel, K C Parmar, S K Chauhan and S S Sharma) Synthesis, characterization and antibacterial activity of a new series of striazines derived with quinolines E-Journal of Chemistry 6(1), 201-206. (2009)
2. (With S B Vasava, K C Parmar, S K Chauhan, S S Sharma and L S Bhutadiya). Kinetic study of application of ZnO as a photo catalyst in Heterogeneous medium E-Journal of mdkmistry, 6(2), 531-536. (2009)
3. (With S B Vasava, K C Parmar, J A Patel and M P Brahmabhatt, S S Sharma) Synthesis and antimicrobial activity of some new N-{(1E)-3 substituted aryl)-1 -phenyl-1H-Pyrozol-4yl] methylene] international journal of chemical sciences, 7(1), 2009, 405-414. (2009)
4. (With S B Vasava, K C Parmar, S K Chauhan, S S Sharma, J A Patel). Degradation kinetics of 2,4 dinitro aniline in presence of irradiated semiconducting oxide International Journal of chemical sciences, Vol 7(2) 2009, pp-1286-1294. (2009)
5. (With S B Vasava, K C Parmar, S K Chauhan, S. S. Sharma). Synthesis, spectral and microbial studies of some novel schiff base derivatives of 4-methyl pyridine-2-amine E-Journal of Chemistry, 2009(4), 1205-1210. (2009).

Dr. Kokila Parmar

1. (with Bharat Suthara, Arun Suthara, and Abhay Maheta). Synthesis, Characterization, and Antimicrobial Evaluation of Novel 4-Pyrrol-1-yl-5,6,7,8-tetrahydro-pyrido[4',3':4,5] Thieno[2,3-d]pyrimidine Derivatives J. Heterocyclic Chem. 46, 975. 2009.
2. (With Bharat Suthara, Saiju Prajapati, Arun Suthar). Synthesis and biological activity of novel 1,3,5,-trisubstituted 1,2,4-triazole derivatives, Journal of Heterocyclic Chemistry, JHET-09-0209.RI. (2009).

Department of Commerce & Business Management

Dr. K L Rathod

1. "Indian Retail and Retail Formats In India". International Journal of Management. Jaipur. Jahanvi Publications Pvt, Ltd. Oct. Vol. I 2009.
2. "QRPAT Industries: A Case Study". ICFAI Journal Of Management Vol-8(1). p. 48-55. 2009.

Department of Life-Sciences (Incl. Env. Sci. & Micro.)

Dr. S. A. Bhatt

1. (with Patel P. M. 2009). Qualitative Status of ground water in the North Gujarat region of India. E-Journal of Env. Science Vol-2, 51-56.
2. (with Patel, Payal. 2010). Fluoride Contamination in ground water of Patan Dist. Gujarat, India. In- Journal of Engineering Studies Vol.-2, 171-177.

Dr. Ila Patel

1. (With N. Shweta. 2009). In vitro shoot Regeneration from different Explants of medicinal plant plumbago zeylenical (L). Plant Archives. Vol.9 (2) p.983-985.
2. (With Patel, Manish & Jansari Visal. 2009.) Studies on Biochemical changes in Tamoto (Lycopersicon esculentum L.) Plant Archives Vol.9 (2) p.927-930.

Dr. A.R. Patel

1. Data Mining Supported Integrated Advisory Model (IAM) for Financial Growth, Paper, International Conference on Emerging Technologies and Applications in Engineering Technology and Sciences, ICETAETS, Rajkot, S. Shivsingh, Udaipur, ISBN:978-81-906220-0-4, pp 897-904, January 2010
2. E-Election : Managing Technological Changes of Elections in INDIA and U, Paper e-India 2009 Conference, Hyderabad, Ets publication Hyderabad, Shah Samir, USA August 2009
3. Study Analysis and Modeling of ERP Packages, Paper, AIMS A Journal of management sciences, AIMS, S. Shivsingh, Udaipur, ISBN 0974-2581, Pp 44-51, March 2010

Dr. J. J. Vora

1. A solution study of complex formation of some Diamine with Lanthanones, Research paper, E-Journal of Chemistry, J.J.Vora*, D.R.Patel, Asha D.Patel, Kanu Patel, Sangita Sharma, Laxaman S. Bhutadia and Sunil B. Vasava, Vol.6(1), 2270-2272, (2009)
2. Densities and Viscosity Study of binary liquid mixture of eucalyptol with some methanol, ethanol, 1-propanol, 1-butanol and 2-methylpropan-1-ol at 303.15, 308.15, 313.15K, J. Indian Chem. Soc., Sangita Sharma, Pragnesh B. Patel, Rignesh S. Patel and J. J. Vora, Vol. 86, 419-424, (2009)
3. Synthesis, Characterization and Antibacterial Activity of New N'-{(IE)-{Substituted aryl)-l- Phenyl - 1H - Pyrazole - 4 - YL] Methylene} isonicotinohydrazide Derivatives, Inst. J. Chem. Sci., J. J. Vora*, S. & Vasava, K.C. Paramar, S. S. Sharma, J.A. Patel and M. P. Brahmabhatt., Vol. 7(1), 407-414, (2009)
4. Degradation Kinetics of 2,4-dinitroaniline in presence of irradiated semiconducting oxide, Int. J. Chem. Sci., J. J. Vora*, S. K. Chauhan, K. C. Paramar, S. B. Vasava, S.S.Sharma and J. A. Patel, Vol.7(2), 1286-1294, (2009)
5. Effect of systematic errors and solvent on stability of complexes of inner transition metal ions with creatine: A computer augmented modeling study, Ultra Science, Sharma Sangita, Patel Ashish, Patel Ketan and Sharma Anamika, Vol. 5(3), 341-348, (2009).
6. Solution state studies on thermodynamic parameters and complexation behavior of inner transition metal with creatinine in aqueous and mixed equilibrium, J. Iran. Chem. Res., Sangita Sharma, Ashish Patel, Jasmin Bhalodia, Jayesh Ramani, Vol.2, 267-275, (2009)
7. A study of the formation constants of ternary and quaternary complexes, of some bivalent transition metals, J. Serbian Chemical Society, Sangita Sharma, Dipika Dalwadi and Madhrjya Neog, 75(1), 75-82, (2010)

Dr. Kokila A. Parmar

1. Synthesis and biological activity of novel 1,3,5-trisubstituted 1,2,4-triazole derivatives, Research paper, Journal of Heterocyclic Chemistry, Article, (2009), Wiley Inter Science (USA), Kokila A. Parmar*, Bharat Suthar, Sarju Prajapati and Arun Suthar, 0951-4198, 1-18, 21, Sept. 2009.
2. Synthesis, characterization and antimicrobial evaluation of novel 4-pyrrol-1-yl-5,6,7,8-tetrahydro-pyrido [4',3':4,5] thieno [2,3-d] pyrimidine derivatives, Research paper, Journal of Heterocyclic Chemistry, (2009), Wiley Inter Science (USA), Kokila A. Parmar*, Bharat Suthar, Arun Suthar and Abhay Maheta, DOI 10.1002/ Jhet.190, Vol.-46, 975-979, Sept. 2009.
3. HP-TLC aided phytochemical fingerprint analysis as a tool for evaluation and antiviral activity using HeLa cell cultures of *Barihinia variegata* plant., Research paper, The Asian journal of Experimental Chemistry (2009), Hind Institute of science and Technology Muzaffar Nagar, Kokila A. Parmar*, S. N. Parajapati, 0973-4783, Vol-4, Page - 74-77, June & Dec. 2009.
4. Synthesis and antibacterial evaluation of some novel 2-Arylamino-4-phenyl-thiazolyl derivatives, Research paper, Bull. Korean Chem. Soc., (2010), (Korea), Korean Chemical

- society, Kokila A. Parmar*, Bharat G. Suthar and Sarju Parajapati , Vol. 31, No.4, Page-793,13, Nov. 2009.
5. Anti-Viral in HEL Cell, Hela Cell cultures, antibacterial and anti oxidant activity of Acacia Arabica seeds extracts by the use of DPPH free radical method., Research Paper. Journal of Chemical and Pharmaceutical Research, (2010), Kokila A. Parmar* Anup N. Patel, Sarju N. Parajapati and Rakesh I.Patel, 0975 -7384, Vol.2(4), Page-324-332.
 6. Phytochemical Screening of Randia dumetoram plant extract for the antioxidant activity by DPPH method and their antibacterial and antiviral activities, Research paper, International Journal of Chemical Science,-(2010), Sadguru Pulsations Udaipur (India), Kokila A. Parmar* Sarju N. Prajapati and Amit P. Jani, Vol.8(2), Page-1101-1109,
 7. Preliminary phytochemical screening and study of antiviral activity and anti-bacterial activity of Tephrosia purpurea flowers., Research paper, Journal of Life sciencesw Leuflects :, (2010), , Kokila A. Parmar*,Vol.-1, Page-7-13
 8. Synthesis, Characterization And Biological Evaluation Of 3-Chloro-1-[3,6-Diphenyl].[1,2,4] Triazole [3,4-b] [1,3,4] Thiadiazole]-4-Substituted-Aryl- Azetidine-2-Ones,Research paper, Research journal of chemistry and Environment, ,(2010),
 9. An International Research Journal of Chemical and Environmental sciences, Indore, Kokila A. Parmar*, Dhaval J. Solanki, and Rekha MsPatel, ISSN. 0972 -0626, Vol.-14, No.-1, Page-72-77.
 10. Synthesis, Characterization and biological evaluation of some Novel Heterocyclic Compounds Having Sulphamido Moiety, Research paper, Journal of Der Pharma. Chemica., (2010) U.K., , Kokila. A. Parmar*, Dhaval. J .Solanki, Devang J. Solanki, Vol-2(5), Page-358-359.
 11. Effective use of ferric sulphate and ferric chloride in treatment of dairy Industries wastewater., Research paper, Asian Journal of Chemistry,(2010) (International Peer Reviewed Research Journal of Chemistry) Agra, Kokila. A. Parmar*, Yogesh Dabhi, Vol. 22.

Dr. Sangita Sharma

1. A solution study of complex formation of some Diamine with Lanthanones, Research paper, E-Journal of Chemistry ,, J.J.Vora*, D.R.Patel, Asha D.Patel, Kanu Patel, Sangita Sharma, Laxaman S. Bhutadia and Sunil B. Vasava, , Vol.6(1), 2270-2272, (2009).
2. Densities and Viscosity, Study of binary liquid mixture of eucalyptol with some methanol, ethanol, 1-propanol, 1-butanol and 2-methylpropan-1-ol at 303.15 308.15 and 313.15K., J. Indian Chem, Socv , Sangita Sharma, Pragnesh B. Patel, Rignesh S. Patel and J. J, Vora., Vol. 86, 419-424 , (2009).
3. Synthesis, Characterization and Antibacterial Activity of. New N'- {(IE)-(Substituted aryl) - 1 - Phenyl - 1H - Pyrazole - 4 - YL] Methylene} isonicotinohydrazide Derivatives,, Inst. J. Chem. Sci.,, J.j. Vora*, S. B. Vasava, K.C. Paramar,S.S. Sharma] J. A. Patel and M, P. Brahmhatt.,, Vol. 7(1), 407-414 , (2009).
4. Degradation Kinetics of 2,4-dinitroaniline in presence of irradiated semiconducting oxide,, Int. J, Chem. Sci. ,,iJ;J. Vora^S. K. Chauhan, K. C. Paramar, .S. B. Vasava, SJ Sharma and J. A. Patel.,, Vol.7(2); 1286-1294, (2009),
5. Effect of systematic errors and solvent on stability of complexes of inner transition metal ions with ceatine: A computer augmented modeling study, , Ultra Siierice, , Sharma Sangita, patel Ashish, Patel Ketan and Sharma Anamika, , , Vol. 5(3), 341-348, (2009)
6. Solution state studies on thermodynamic parameters and complexation behavior of inner transition metal with creatinine in aqueous and mixed equilibria,, J. Iran. Chem. Res., Sangita Sharma, Ashish Patel, Jasmin Bhalodia, Jayesh Ramani,, Vol.2, 267-275, (2009)
7. A Study of the formation constants of ternary and quaternary complexes of some bivalent transition metals., , J. Serbian Chemical Society,, , Sangita Sharma, Dipika Dalwadi and Madhrjya Neog,, , 75(1), 75-82 , (2010).

Department of Physics

Dr. P. G. Vyas

1. The Experiment to find CBW for Ir light communication , Research Paper , IAPT, Bulletin, Indian Association of Physics Teachers , K.R. Patel, -, 234-238, Sep-09.
2. Development of Software to change the radix of a real Number , Research Paper, Journal of Laboratory Experiments , Kamal Jeeth, Sole Paper , 0972-6055, 280-284, Dec-09.

Department of Sanskrit & Bharatiyavidhya

1. Hemchandracharya Virachit Vitaragstrotama Nirupit Tatvagyan, Research paper, HAIM-PRAPA, Dept.Of Sanskrit & Bharatiyavidya, H.N.G.U Patan, N.A., 2229-4376, 49, 7th May .09

Dr. Dilip C. Patel

1. Mammata ne Hemchandracharyani Pad Doshha Vicharana, Research paper, HAIM-PRAPA, Hem.N.G .UniPatan , 41 , 7th May.09
2. Deshinammala mo "Deshi", Research paper, HAIM-PRAPA,Dept.Of Sanskrit & Bharatiyavidya, H.N.G.U.Patan, 44, 7th May.09

Smt. Sumanben A. Thakkar

1. Kalikala Sarvajna Hemchandrachary, Research paper, HAIM-PRAPA, Dept. Sanskrit & Bharatiyavidya, H.N.G.U.Patan, 170, 7th May.09.
2. Hemchandrachary's contribution to Jain Parmpara in Gujarat., Research paper, HAIM-PRAPA, Dept.Of Sanskrit & Bharatiyavidya, H.N.G.U.Patan, 164, 7th May.09

Master of Hospital Management

Dr. L. Kalyan Vishwanath Reddy

1. Disease Management-A study on Cardiology patients, Research paper Reseac, Proficient-An International Journal of Medicine, Jahnvi Publications, Dr.Ashwin G.Modi, Dr.Bhupinder Chaudhary,Dr.Vipul Modi, ISSN0975-847X., Vol I, Issue I, Pg. 16-23, Jan 2010.
2. Information Technology: Redefining Healthcare in 21stCentury , h paper, Proficient- An International Journal of Medicine, Jahnvi Publications, Dr.Ashwin G.Modi, Dr.Bhupinder Chaudhary, Ms., ISSN0975 - 847X.,VolII, Issue I, Pg: 56-61, Jan 2010.

Dr. Bhupinder Chaudhary

1. Retail Management Scenario in India, Research paper, Journal of Asian Business Management (Vol. 2, No. 1), Gupta Rishu, ISSN: 0974-8636, 81-89, January-June 20
2. Information Technology: Redefining Healthcare in the 21st Century, Research paper International Journal of Medicine 'Proficient' (Issue-1, Vol-1,), Jahanvi Publication Reddy LKV, Modi Ashwin, Saini Baljit, Gupta Rishu, ISSN: 0975-847X, 56-61, January 2010.
3. Disease Management- A study on Cardiology Patients, Research paper, Internatioi Journal of Medicine 'Proficient' (Issue-1, Vol-1,) , Jahanvi Publications, Reddy LK Modi Ashwin, Modi Vipul, ISSN: 0975-847X, 16-23, January 2010.

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

Sr. No.	Name of Department / Program
1.	Hospital Management
2.	Self-financed M.Phil. Programme in English
3.	UG & PG Program in "Film & Television"
4.	P.G. in Physiotherapy

3. Innovations in curricular design and transaction:

- This is a very significant academic year as far as curriculum is concerned. We have planned to adopt CBCS (Choice Based Credit System) from academic year 2010-2011. There were series of meetings of all the board of studies during 2009-2010 for CBCS in most of all the subjects. We have formed new syllabus for the PG program like M.A., M.Sc. and M.Com. , during this year.

4. Inter-disciplinary programmes started:

Sr. No.	Name of Department	Name of Programe
1.	Chemistry	M.Sc. (Analytical) Branch, Started July 2009.
2.	English	Introduced an optional paper in the syllabus of M.A. semester system which is implemented from the academic year 2010-11 at PG Level. There is an optional paper in each semester which is inter disciplinary.

5. Examination reforms implemented:

- We have collecting internal marks from affiliated colleges by CD & E-mail.

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

Sr. No.	Name of Department	No. of Candidates Qualified		
		NET	SLET	GATE
1.	Mathematics	4	---	---
2.	Department of Education	1	---	---

7. Initiative towards faculty development programme:

Department of Life - Science

Dr. S. A. Bhatt

1. Origination a three days Work-shop on acupressure therapy for general awareness in the society. March 17-19, 2010.

Dr. I C. Patel

1. N. Shweta, Manisha Patel and Ila Patel, "In vitro microprogration and conservation of medicinal climbers of North Gujarat", International symposium on Angiosperms taxonomy (IAAT), Lucknow, India, Nov. 2009.
2. Normi Patel, Hetal Patel, Himani Patel and Ila Patel. "Studies on diversity distribution and status of Asteraceae flora of Patan District, Gujarat". International symposium on Angiosperms taxonomy (IAAT), Lucknow, India, Nov. 2009.
3. Manisha Patel, N. Shweta and Ila Patel. "Studies of regeneration on some conservation concerned medicinal plants of North Gujarat", International symposium on Angiosperms taxonomy (IAAT), Lucknow, India, Nov. 2009.

Dr. Rajesh Patel

1. Presented Paper at 1st IFIP International Conference on bioinformatics, SVNIT Surat, March 25-28, 2010.
2. Attended State level seminar on advances in chemical sciences, Department of Chemistry Municipal Arts & Urban Bank Science College, Mehsana, Gujarat, 31st January 2010.
3. Attended Entrepreneurship Awareness program for PG, Department of Chemistry, Hemchandracharya North Gujarat University, Patan – 384265, Gujarat 28-8-2009.

Dr. Hetal S. Patel

1. Attended 62nd UGC sponsored Orientation Programme: Academic Staff College, Gujarat University, Ahmedabad 1/6/2009 to 28/6/2009. Department of Library & Information Science.

Seminar/ Conference / Workshop

1. User Awareness Programme on E-Resources (UGC-Infonet), Department of Library & Information Science & Inlibnet Center, Ahmedabad, Rangbhavan H.N.G.U. Patan, 26-1-2009 Thursday, Dr. Jagdish Arora Director, INFLIBNET Center Ahmedabad.

Department of Commerce & Management

Dr. Nishith H. Bhatt

1. National Summer Project Competition, S. V. Institute of Management, Kadi, 15th September 2010, Resource Person & Panel Member.
2. National Workshop on Research Methodology, Shri. Sahajanand Institute of Management, Bhavnagar, 22 to 28 April, 2010, Resource Person / Speaker (on 25th April 2010).

Department of Computer Science

Seminar / Conference / Workshop

B. M. Patel

1. Super Computing (National), MNIT, Bangalore, 5-6 June 2009, Participant.

R. D. Prajapati

1. International Conference of ES, Chittkara University, Patiala (Punjab) – Resource Person.

V. H. Bhemwala

1. Workshop on maths model, Banasthali University, Rajasthan 2007, Participant
2. Workshop on Emb. System, Chitkara university, Punjab, 2008 , Attended

D. P. Dalwadi

1. National, NIITEM, Manglore, Participant
2. Regional, Dept. of Computer Science, Patan Participant

J. B. Patel

1. National, NMAMIT, Manglore, 16,17 September 2009, Participant

J. N. Modi

1. International, IIT, Kharagpur, 10-12 March 2010, Paper Presenter

K. I. Chokhawala

1. National , VIT, Vellure, Workshop

Department of Chemistry

1. Hindustan Zinc Limited, Udaipur, Campus Interview (14-4-2009)
2. Entrepreneurship Awareness Programme for PG in Hemchndracharya North Gujarat University, Patan, Organization of one day workshop 28-8-2009
3. 28th Conference of Indian Council of Chemists, Organization of National Conference, 7-10 November 2009
4. M.Sc.(analytical) Branch, Started July 2009.

Seminar / Conference / Workshop**Dr. C. P. Bhasin**

1. 28th Conference of Indian Council of Chemists, Department of Chemistry, Hemchandracharya North Gujarat University, Patan 384265, Gujarat 7-10 November 2009., ? Local organizing secretary.

Dr. Kokila A. Parmar

1. International Conference on Recent Advances on chemistry Department of Chemistry University of Vellore, Tamilnadu, India, 01-06 December 2009., Participation & Paper Presenter.
2. 28th Conference of Indian Council of Chemists. Department of Chemistry. Hemchandracharya North Gujarat University. 7-10 November 2009., Participation & Paper Presenter.
3. Work Shop: Regional Campaign Cum Workshop on quality assurance & GMP of ASU drugs Department of Ayush, Ministry of Health & Family Welfare Government of India New Delhi PERD Center, Ahmedabad 25-26 Feb. 2010 Participation.

Dr. Sangita Sharma

1. National Symposium of r material research scholars MR09 Department of Metallurgical Engineering and Materials Science,IIT Bomabay 8-9 May 2009. Participation & Paper Presenter.
2. 28th Conference of Indian Council of Chemists. Department of Chemistry. Hemchandracharya North Gujarat University, Patan -384265, 7-10 November 2009. Participation & Paper Presenter.
3. Emerging Trends in Chemistry: An International Seminar Department of Chemistry, Pune University, Pune, Maharashtra, 5-7 January 2010. Participation & Paper Presenter.
4. National Seminar on Confluence of supramolecular chemistry and nano science Department of Chemistry, Gujarat University, Ahmedabad, Gujarat 22-23 January 2010. Participation.
5. State level seminar on advances in chemical sciences Municipal Arts & Urban Bank Science College, Mehsana 31st January 2010., Participation & Paper Presenter.

6. Workshop on advanced characterization techniques Department of Metallurgical Engineering and Materials Science, IIT Bombay, 7 May 2009. Participation.
7. User awareness program on E-resources Department of Chemistry, Hemchandracharya North Gujarat University, Patan-384265, Gujarat. 26-11-2009. Participation.

Department of Mathematics

Seminar / Symposium / Conference/ Talk

Dr. M. B. Prajapati

1. Organized one day seminar on “IAS-Competitive Examinations: An awareness program under Career Guidance” for university campus students held at “Gandhi Smruti University Hall” on 26-Feb.-2010.
2. “Yoga and Pranayam” lecture series organized at the following Department / Institute under “Patanjali Yoga Vidhyapith”.
 - M.P. Ed. University Department and Patan Arts College: On 15 Dec. 2009.
 - University Library Department and Patan B.Ed. College and At- Sujanipur Village on NCC Campus: On 16 Dec. 2009.
3. Invited Talk on “Incisive Insight / Hindsight” at 46th Annual Conference of Gujarat Ganit Mandal held at Modasa from 25-27 Dec. 2009.
4. Actively participated in “Gold Medal Club” organized by Gujarat Government at Science City, Ahmedabad on 29th April 2009.
5. Actively attended “A workshop for reconstruction of CBSC Curriculum and annual Sangoshhthi” organized by The University at Sardar Sarovar, Kevadiya Koloni from 4,5 Feb. 2009.

Article Accepted for publication: A Wave-Reflector Mathematical Model to Protect the Sea Beaches VNSGU Journal of Science & Technology: Vol-2, Issue:1, Jan-June-2010 (ISSN – 0975-5446)

1. Attended 46th Annual Conference of Gujarat Ganit Mandal held at Modasa from 25th,26th,27th December 2009.
2. Attended National Conference on “Woman in Mathematics” at J. N. University New Delhi from 5th,6th,7th October 2009.
3. Winter School on “Nonlinear Dynamics” (WSNLS) supported by DST-SERC held at University of Delhi, Delhi during 8-24 December 2009.

Department of Physics:

Seminar / Conference / Workshop

Dr. D. G. Vyas

1. State Level Gujarat University 14-03-2010 Attended Seminar
2. State Level Gujarat Science Academy & Gujarat University, 21-03-2010 Attended Seminar
3. State Level GUJCOST DST & Government Engineering College, Patan 18-01-2010 to 22-01-2010 (One Week) Attended

Department of Law:

Seminar / Conference / Workshop

Dr. Smita B. Vyas:

1. Lecture Series (Disaster Management) , S. M. Shah, Law College, Mehsana, 11-07-2009 Participated

2. One day workshop, M. N. Law College, Patan, 1-10-2009 Participated
3. National Seminar on Human Right & value Education Sensitization Concept and Challendes., Department of Human Rights, Rajkot, 3,4 October 2009, Paper Presentation.
4. State Level “Uniforms Syllabus” Department of Human Rights, Rajkot 8 October 2009 Participated
5. State Level “With Book Examination” Department of Human Rights, Rajkot 9 October 2009 Participated
6. Delivered Lecture regarding: “National Literacy Abhiyan” – “Child Labour, Rights of children & in Present Scenario”, Yoganjali Ashram, Sidhpur, 18-10-2009 Participated
7. Delivered Lecturer on “Human Rights of Children” part of celebration of “BALDIN” District Court Patan, Musium Hall, 20-11-2009, Participated.
8. One day workshop on Uniform syllabus on CBSC, GNLU, Gandhinagar, 4-12-2009 Participated
9. Delivered Lecturer on “Law & Society” MSW College campus, College Campus Patan, 12-12-09 participated.
10. Awareness Seminar for Activity for IAES American Education Society kilachand Auditorium, H.N.G.U. Patan 8-12-09, Participated
11. Delivered Lecture in Lecture Series on “Freedom of speech & expression” Law College, Unjha 19-02-2010 Participated
12. National conference Three (3) days Life science Department, HNGU Patan, 5-3-2010, Participated
13. National workshop cum Conference on Information Technology Laws and related Intellectual property, Faculty of Law & Department of Information technology Government of India, Delhi, 19,20,21 March-2010 Participated.

Department of English:

- One teacher was sent for orientation programme from 2nd June, 2009 to 30th June, 2009 under the Faculty development programme.

Center for Yoga Education

Seminar / Conference / Workshop

Smt. Jagrutiben K. Prajapati

1. Yoga & Acupressure, Center of Yoga Center, HNGU, Patan
Under the advice of Co-Ordinator & Instructor, the students of D.Y.Ed. disscminated Yoga knowledge and other Yoga related workshop.

First Yoga Shibir:

- Sundhiya Secondary School, Sundhiya
- Zaafari Secondary School, Patan
- Shree Lokniketan Secondary School, Ratanpur
- Anupam Secondary School, Ganget

Second Yoga Shibir:

- Shree Swami Narayan Secondary School, Visnagar.

Note: As above Places Coaching has been given at the places for three days in which more than 800 Students have taken Yoga Examination.

2. Health Related Shibir
 - Jyotipark Society, Patan

- Upera gram panchayat, Upera
- Umta Secondary School, Umta
- Panchha gram panchayat, Panchha.
- Gadha-kaashbo group gram panchayat, Gadha
- Lokniketan sanstha, Ratanpur
- Hem. North Gujarat University, Yoga Kendra
- G.L.Patel High School, Unjha

Note: HNGU, Organized a helth shibir in which more than 500 students took part in that shibir, and the information was given regarding some diseases like Deabetes, Joint pain, Blood Presure, Heart Attack, Fat. Etc.

3. Demonstration Program & Compitions Asan Shibir
 - Hajipur primary & secondary School, Hajipur
 - Sander Secondary School, Sander
 - V.M.Dave Primary & Secondary School, Patan
 - Sheth M.N. Secondary School, Patan
 - Shree Saraswati Shishu Mandir Primary School, Patan
 - Shree B.D.Secondary School, Patan
 - Adarsh Secondary School, Patan
 - Shanti Niketan Primary & Secondary School, Patan
 - Zaafrri Secondary School, Patan
 - Nadoda Hostel & Secondary School, Patan
 - Gopalak Secondary School, Patan
 - Nima Secondary School, Patan
 - Dep. Of Phy. Edu. Hem. N.G.Uni., Patan
 - Shree Swami Narayan C.P.Ed. College, Kansa – Visnagar
 - Dept. of B.B.A. H.N.G.Uni., Patan
 - Dept. of M.Sc.(IT) H.N.G.Uni., Patan
 - Dept. of Library H.N.G. Uni., Patan

Department of Physical Education

Dr. G. J. Thakkar

1. National Seminar at Sport Management Organized by P. B. Bhrambhatt College, Unjha – 19th and 20th Feb. 2010
2. Sport Journalisam, Chiloda, Gandhinagar – 13th and 14th Feb. 2010
3. West Zone Interuniversity Football (Men) Championship-2009 9th and 13th Nov. 2009

Shree Sanjay Joshi

1. National Seminar on Sport & Education (Mota Chiloda)
Paper: “ICT IN PHYSICAL EDUCATION”
2. National Seminar on Physical Education, Sports Management & Sports Science.
Paper: “SPORTS MANAGEMENT – THE NEW TREND IN INDIA”
3. National Seminar on Yoga for Healthy Leaving and Fitness – Jhunjhunu (RAJASTHAN)
Paper: “THE ROLE OF YOGA AND AYURVEDA FOR HEALTHY SOCIETY”
U.G.C. Sponsored Orientation Programme 2009 “A” Grade, Gwalior (M.P.)

Department of Sanskrit & Bhartiya Vidhya

Seminar / Conference / Workshop

Dr. D B Rathva

1. National, Department of Sanskrit & Bhartiya Vidhya H.N.G.U., Patan , 7th to 9th May 2009. Paper presented.

2. State Level, Gujarat State University & College Sanskrit Teachers Association, Patan, 7th to 9th May 2009. Participation.
3. National, All India Kalidasa Samaroha, Ujjain, 29 Oct to 4th November, 2009. Paper Presented.
4. Uni. Level, Department of Library HNGU, Patan, 26th November, 2009. Participation.
5. State Level, Department of Sanskrit Arts College, Shamlaji, 26th Feb. to 27th Feb. 2010, Paper presented
6. State Level, Smt. Rasilaben Ranchhodbhai Haribhai Patel Arts College, vijapur, 5th March 2009, Paper presented
7. State Level, D. D. Thakker Arts and K.J.Patel Commerce College, Khedabramha, 27th March 2010, Paper presented.

Dr. Dilip C Patel

1. National, Department of Sanskrit & Bhartiya Vidhya H.N.G.U., Patan , 7th to 9th May 2009. Paper presented.
2. State Level, Gujarat State University & College Sanskrit Teachers Association, Patan, 7th to 9th May 2009. Participation.
3. National, All India Kalidasa Samaroha, Ujjain, 29 Oct to 4th November, 2009. Paper Presented.
4. Uni. Level, Department of Library HNGU, Patan, 26th November, 2009. Participation.
5. National, Maharshi Dayanand Saraswati University, Ajmer – Rajasthan, Ajmer, 25th Dec. to 27th Dec., 2009, Paper presented
6. State Level, Department of Sanskrit ,University School of Languages, Gujarat University, Ahmedabad, 5th January, 2010, Participation.
7. State Level, D. D. Thakker Arts and K.J.Patel Commerce College, Khedabramha, 27th March 2010, Paper presented.

Smt. Sumanben A Thakkar

1. National, Department of Sanskrit & Bhartiya Vidhya H.N.G.U., Patan , 7th to 9th May 2009. Paper presented.
2. State Level, Gujarat State University & College Sanskrit Teachers Association, Patan, 7th to 9th May 2009. Participation.
3. State Level, Arts and Commerce College Chanasama, Patan 27th March 2010, Paper presented.

Department of Hospital Management

- 1 World Health Day, 08 May 2010
- 2 Workshop World TB Day, 24 March 2010
- 3 Workshop Safe Hospital, 23 March 2010
- 4 Workshop International Women's Day, 08 March 2010

Seminar / Conference / Workshop

Dr. L. Kalyan Vishvanaht Raddy

1. National Seminar on Professional Management – Arching for Zenith as part of Clairvoyance 2006 ISB Healthcare and Pharma Conclave – Destination India, Opportunities and Challenges, Tata Institute of Social Sciences (TISS) Indian School of Business (ISB), 6th Sep., 2009.

Dr. Bhupinder Chaudhary

1. National Seminar, Doraha Institute of Management and Technology, Doraha, Punjab, 20th March 2010, Paper presenter.
2. AICTE sponsored National Seminar, AIMT, Ambala (Haryana), Nov. 2009, Paper presenter (presented 2 papers)
3. International, PCMA, Chandigarh, Oct. 24-25, 2009, Paper presenter (presented 3 papers)
4. State Level Workshop, Seeds India, Jamnagar, June 2009, Co-Ordinator & Resource person.

8. Total Number of Seminars / Workshops conducted:

Sr. No.	Department	Seminars/Workshops/Conference etc.	Duration
1.	Chemistry	28th Annual Conference of Indian Council of Chemist.	3 days
		Workshop on "Entrepreneurship Awareness Programme for PG" in Hem. North Gujarat University, Patan.	1 day
2.	Journalism	Workshop on "The Press Day"	1 day
3.	Life - Science	"Minaxi Lalit Science Award" test	1 day
		Acupressure Camp in association with Jai Bhagwan acupressure center, Bhuj-Kachch.	3 days
4.	Social Work	Regional Conference on "Media and new dimensions"	1 day
5.	Mathematics	Seminar on "IAS-Competitive Examinations: An awareness program under Career Guidance" for university campus students held at "Gandhi Smruti University Hall", HNGU, Patan.	1 day
6.	Hospital Management	Workshop International Women's Day	1 day
		Workshop Safe Hospital	1 day
		Workshop World TB Day	1 day
		Workshop World Health Day	1 day
7.	Physics	Regional seminar and Chair the session as a judge for oral presentations, paper presentation and popular lecture at Physics department, HNGU, Patan based on "Awareness & information on ozone and prevention of ozone layer" funded by Punjab CSC(GUJCOST), and HNGU Patan	1 day
8.	English	International Conference	3 days

9. Research projects**a) Newly implemented****Department of Law****Dr. Smita B. Vyas**

1. A Study on effectiveness of environmental laws in North Gujarat, Sp. Ref to Human Rights.- (On going) , UGC, 1/ 5/2009, 80000/-, Dr. Smita Vyas

b) Completed**Department of Chemistry****Dr. Kokila Parmar**

1. Phyto Chemical survey and chemical screening of some medicinal plants and herbs an approach to the pharmacological activity, U.G.C. Minor research Project, F. No. 32-302/2006(SR) Dated-28, March 2007. [1-4-2007 to 31-03-2009], 87,000/-, Dr. Kokila A. Parmar

10. Patents generated, if any:

Nil

11. New collaborative research programmes:

Nil

12. Research grants received from various agencies:

Sr. No.	Department	Faculty Name	Amount	Agency
1.	Chemistry	Dr. Sangita Sharma	1,90,000 /-	UGC
2.	Journalism	Dr. Manojkumar Lodha	1,25,000 /-	UGC
3.	Life Sciences	Dr. Rajesh Patel	2,00,000 /-	UGC
4.	Law	Dr. Smita B. Vyas	80,000 /-	UGC

Department of English

- A research grant of Rs. 8,00,000/- was received from the UGC, New Delhi for the first Area Study Center for Indian Diaspora and Cultural Studies.

13. Details of research scholars:**No. of Students Registered / Awarded for Ph.D. / M.Phil. Degree during 2009-2010.**

Sr. No.	Department	M.Phil. Registered	M.Phil. Awarded	Ph.D. Registered	Ph.D. Awarded
1.	History			---	06
2.	Economics			---	05
3.	Education			---	18
4.	Chemistry			---	25
5.	Microbiology			---	01
6.	English			---	06
7.	Mathematics			---	02
8.	Management Studies			---	03
9.	Commerce			---	03
10.	Homoeopathy			---	01
11.	Lib. & information Science			---	01
12.	Pharmacy			---	07
13.	Hindi			---	03
14.	Sanskrit			---	05
15.	Gujarati			---	06
16.	Computer Science			---	02
17.	Botany			---	01
18.	Zoology			---	---
19.	Law			---	02
20.	Psychology			---	03
21.	Engineering			---	03

14. Citation index of faculty members and impact factor:

15. Honors / Awards to the faculty:

- The university received award for Thelisemia testing in the North Gujarat Region from Red Cross Society, Ahmedabad

16. Internal resources generated: &

26. Increase in the infrastructural facilities:

Department of Hospital Management

Sr. No.	Project / Building / Other Infrastructural Facility	Estimated Cost/Amount	Status Ongoing/Completed
1.	Building	2,73,90,836 /-	Ongoing

Institute of Architecture

Sr. No.	Project / Building / Other Infrastructural Facility	Estimated Cost/Amount	Status Ongoing/Completed
1.	Building	4,09,84,154-78	Ongoing

Department of Chemistry

Sr. No.	Project / Building / Other Infrastructural Facility	Estimated Cost/Amount	Status Ongoing/Completed
1.	Chemical Store (U.G.C.)	19,01,092 /-	Ongoing

Computer Center

Sr. No.	Project / Building / Other Infrastructural Facility	Estimated Cost/Amount	Status Ongoing/Completed
1.	Building	69,73,423 /-	Completed

Others Infrastructural Facilities

Sr. No.	Project / Building / Other Infrastructural Facility	Estimated Cost/Amount	Status Ongoing/Completed
1.	In Service Hostel Building	89,85,890 /-	Ongoing
2.	P. G. Boys Hostel (Tribal)	3,57,56,100 /-	Ongoing
3.	Boys Hostel (Tribal)	3,26,95,360 /-	Ongoing
4.	Ladies Hostel (Tribal)	2,12,98,971-24	Ongoing
5.	Ladies Hostel (U.G.C.)	1,85,309,82-68	Ongoing
6.	Boys Hostel (Second Floor)	1.02,54,792 /-	Ongoing
7.	Teaching Staff Quarters (U.G.C.)	91,63,927 /-	Ongoing
8.	Dining Hall / Gynasium Hall	55,76,110 /-	Ongoing
9.	Sports Complex (First Floor)	25,59,915 /-	Ongoing

- **Following Proposal have been sent to the state Government /U.G.C. for the Financial Assistance during the year of report.**
 - Proposal to U.G.C. in 11th Plan for construction of Laboratory and workshop building for institute of architecture under “Special scheme for university for backward area” 12, 54.90 sq.mt.
 - Proposal to U.G.C. in 11th Plan for construction of Laborites and Library hall for departments of Life-Science under “Special scheme for young university” Built up area 1437 sq.mt.
 - Proposal to U.G.C. for construction of Women’s Hostel under the “Scheme of the institutions with priority to those located in district with concentration of weaker section including minorities”.
 - Grant of Rs.300 lacs have been received from state Government to develop Khedbrahma Campus.
 - Beside above activities the maintenance works of the university’s Building, Staff Quarters, and Hostels etc. done by the Estate Department.

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

Sr. No	Department	Agency	Financial Assistant / Grants	Status (Ongoing / Completed)
1.	Mathematics	NBHM (National Board of Higher Mathematics)	Rs. 1,50,000	Ongoing

18. Community services:

- The Health & Diet awareness camp was conducted at Shri B. M. Shah college of pharmaceutical educational & Research, Modasa during 13-14th November, 2009. Over all 74 students of 32 various colleges participated in the camp.

“Balanced diet is very much necessary for better healthy”. The camp was conducted in keeping the above line as its objectives which was fulfilled by the expert lectures of the field. The camp was accompanied with the lectures such as “Effect of diet on health”, “Adolence and Anamia”, “Healthy Practices”, “Diseases due to accretive diet” obsession”.

- The Save Female Foetus camp was conducted at Smt. M. M. Girls College, Kadi during 13-14th November, 2009.

There is a great problem of imbalance sex rate in India. The main factor for the imbalance is male dominant society. Hence, it is very much necessary to overt the vices of female foticide. To warn the youth and society about the consequence of the imbalance the camp was initiated with a save female foetus rally. The camp was accompanied with drama “Chhokari vagar nu gam”- A village without a girl child, The play strengthened the requirement of a girl child in the society.

The same programme was also conducted specially for program officers of the N.S.S. unit of affiliated colleges to the Hemchandracharya North Gujarat University, Patan. The whole program was organised at “Gandhi Smruti Hall’ of Hem. North Gujarat University, Patan in corporation with Nehru Yuva Center, Mehsana and an N.G.O.

“Chetha” of Ahmedabad. The program was too much effective and meaningful. It proved very impressive to create the essentiality of female. There were sixty programme officers in the program.

- Environment awareness camp was conducted at Sardar Krushi University, Dantivada by NSS unit of DNP Arts & Commerce College, Deesa during 25-26th February, 2010. There were round about 77 students in the camp.

The participants were given ample information about the environment protection through audio-visual aids. The students were fully enlightened with the importance of insects and some other creatures.

- In reference to the celebration of fifty years of Gujarat state and instructions of Department of Education, Gandhinagar, 50 volunteers of the university participated in the “Gujarat yuva chetna shibir” during 8-12th December, 2009. The programme was conducted by Saurashtr University, Rajkot. The N.S.S. Volunteers performed their level best in the programme.
- India’s greatness largely lies in its unity in diversity. India is multi lingual Nation. There are many tribes casts and cultures in India even though the citizen of India takes pride in being Indian. This concept is largely personified by N. I. camps conducted by the ministry of Human Resource Developments’ division of youth & sports wing. The camp was conducted in corporation with OM Shanti Retreat center with the ministry at Bahora kala near Gudgaon in Haryana.

There were seven male volunteers and seven female volunteers from the university. The University team was represented, under the leadership of program officer Shri Rakesh Rana. The University’s team was unique team because all the members of the team had worn the NSS scarf and base.

19. Teachers and officers newly recruited:

Sr. No.	Department	Professor	Associate Professor	Assistant Professor	Technical Assistant	Officers
1.	Hospital Management	---	01	01	---	---
2.	Management Studies	---	---	01	---	---
3.	Computer Science	01	---	04	---	---
4.	Education	---	01	---	---	---
5.	College of Business Administration	---	---	05	---	---

20. Teaching – Non-teaching staff ratio:

- Grantable Department 1 : 6
- Self-Finance Department 1 : 5

21. Improvements in the library service:

- Under U.G.C. infonet programme university library and various departments have been linked. It has made possible to provide access to all faculty members and researchers about 5000 journals online. A total of 1300 faculty members have utilized these services student are provided with OPAC and SOUL facilities.
- University has created cyber café facilities students free of cost. Students access on journals through INFLIBNET. 6450 uses have taken benefit of these facilities.

Reprography Service

- The Shivabhai Umedbhai Patel library provides reprography(Xerox) service inside the library to all its members.

Reading Hall

- The Shivabhai Umedbhai Patel library has constructed a separate reading hall and kept open from 8.00 am to 10.00 p.m.

Audio visual cassettes and C.D. Rom.

- Library has collection of 223 CD ROM and 543 cassettes. Along with a T.V. Multimedia projector for the student facilities.

22. New books / journals subscribed and their cost:

Sr. No.	Budget	Allocation Budget (In Rupees)	Actual Expenditure	Number of Purchased Books
1.	University Budget	10,00,000	10,00,261	2101
2.	Gujarat From the National Board of Higher Mathematics Mumbai	1,50,000	1,49,817	101
3.	Courses Under the Self Finance Programme 1. Library and Information Science	2,00,000	1,99,974	283
4.	Books reserved by Several Donors			327
	Total	13,50,000	13,50,052	2812
5.	Magazine Budget N.B.: Besides these magazine University has paid lifetime subscription for four magazine	2,00,000	1,99,959	106 +27 Gift ----- 133

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

- We have adopted the system of obtaining feed back from students regarding the teachers, teaching methods, library facilities and administrative staff on the Basic of the feedback received from students, in all the teaching departments in the campus.

24. Unit cost of education:

Rs. 1660 /- (As per actual Exp.)

Rs. 2168 /- (As per Budget)

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

- The University administrative building and all campuses are well furnished and equipped with Computerization facilities as well as connected with campus WAN. At the administration level most of works have recorded and done in computer and shared among several departments.
- Admission to the faculties of Education, Engineering & Pharmacy and Homeopathy are centralized. For Education, Rural Studies, Life Science, Chemistry and Mathematics, the University has formed admission cell of its own.
- The University Result Center has equipped with latest Servers, Computers, Printers and High Speed Internet. The University has conducted about 200 Examinations of different faculties, the statics of pre-examinations and results of those examinations are well prepared by result center.
- Likewise, result center are also responsible and issued Mark sheets and Certificates of all examination held by the University. The other certificates are like Environment & Disaster Management, Sports, Gold Medal etc. also prepared and issued by result center.

27. Technology upgradation:**Computerised Systems developed by the Computer Centre.**

Sr.	Computerised System	Relative Section
1	Inventory System.	Store Section
2	Recognition System of Teachers of affiliated Colleges.	Academic Section
3	Panel System: For appointment of Chairman & Paper setter of particular examination.	Confidential Section
4	Examination System developed for CBCS examination system (P.G. Semester system)	Confidential Section

Details of Computer Hardware & Peripherals (added in 2009-2010)

Sr. No	Department	Peripherals					
		Computer		UPS-600/800 VA1/1.5 or 2 KVA	Switch 8/16/24 port	Barcode Scanner	Media Converter (FOT)
		Laptop	Desktop Computer				
1	Micro	---	---	---	1	---	---
2	Computer Center	---	5	---	1	---	---

3	Main Building	4	12	---	---	---	---
4	Library	---	5	---	1	1	---
5	MBA	---	---	1	---	---	---
6	Chemistry	1	---	---	---	---	---
7	Education	2	---	---	---	---	---
8	English	2	---	---	1	---	---
9	Sanskrit	1	1	---	---	---	---
10	Journalism	1	---	---	---	---	---
11	Physical Education	---	12	1	1	---	1
12	Business Administration	2	---	5	4	---	---
13	Law	---	1	---	---	---	---
14	Physics	---	1	---	---	---	---
15	Architect	1	36	1	---	---	---
16	Hospital Management	4	77	---	---	---	---

Details of Printers / Scanner / Plotter (added in 2009-2010)

Sr. No	Department	Peripherals				
		Printers			Scanners	Plotters
		Laser Printer	Dot Matrix Printer	Series Printer		
1	Computer Center	2	1	---	---	---
2	Main Building	5	---	---	---	---
3	Library	1	---	---	---	---
4	Education	1	---	---	---	---
5	Sanskrit	1	---	---	---	---
6	Journalism	1	---	1	---	---

7	Physical Education	2	---	---	---	---
8	Business Administration	5	---	---	---	---
9	Architect	4	---	---	2	1
10	Hospital Management	5	---	---	---	---

- Under NMEICT Programme, University going to upgrade its network technology for intranet & internet access in the campus up to 1 GBPS bandwidth.
- Wireless connectivity will be established in the campus for faculties and Students.
- From this Year University will provide result information on student mobile on their request.
- Personal Computers with net connectivity are provided to each teacher at English Department.
- LCD Projector with sound system was purchased for class-room teaching at English Department.
- Use of LCD computer laboratory established with 30 computers at Education Department.

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

- University arranged Computer training program for their staff by computer center in different batches.

29. Financial aid to students:

- Students from various categories like SC, ST and OBC are given the State Government Scholarship and the students from minority are given the Central Government Scholarship for minority.

30. Support from the Alumni Association and its activities:

Not Specific, But many Alumni helps present students for job support.

31. Support from the Parent – Teacher Association and its Activities:

Nil

32. Health services:

- The University has appointed two part time physician practicing allopathy and homoeopathy to provide health care facilities to the students and staff of the University. A well furnished Health Center has been set up for this purpose.
- Employee's health check up camp is organized by the university.

33. Performance in sports activities:

- West Zone Inter University Volleyball (Men Tournament) held at S. P. University, V. V. Nagar on 26/10/2009. University team wins a Third place.

34. Incentives to outstanding sportspersons:

Nil

35. Student achievements and awards:

- 18 students went at bardoli to attend the Seminar on Information Technology 27, September 2009.
- 10 students went at anand to attend the conference at G. H. Patel College of engineering 6-7 October 2009.
- 20 students went at gandhinagar to participate in programming competition 5-6 January 2010.
- 22 students participate in Poster & Paper Presentation at ahmedabad botony department Gujarat University 21-22 January 2010.
- 10 students participate in C & C++ programming competition at Gandhinagar 9 – 10 February 2010.
- 15 students participate in informal competition at Gandhinagar 16-17 February 2010
- Every year we celebrate talent for all student.
- 10 Students participated in 1 day workshop
- Student Participated in State level workshop on “Legal Research Methodology”, Anand Law College, Anand
- “Sonsadiya Jagran programmer 10 students participated in assembly Gandhinagar
- 2 students participated in “Moot- Court Competition” Law college Modasa.
- 3 students participated in “Law quire” at Sheth M. N. Law Colloge Patan
- 3 students participated in “Essay writing Competition Paryavaran Sanrakshan Sanstha” Juna gadhh.
- Invited Honorable V.C. GNLU Gandhinagar Pro. Bimal Patel for Special (Expert) Lecturer.
- 6 students visited for educational purpose GNLU Gandhinagar
- Presented a research paper in 5th International Canopo Conference at Indian Institute of Science, Banglor. (October 2009)
- Environmental audit for “Hariyali Project” Implemented by DRDA. Gujarat.

36. Activities of the Guidance and Counseling Cell:

The University campus departments are having their own Guidance and Counseling Cell to explain the guidelines of admissions, features, future and placement enhancement to the visitors and students.

37. Placement services provided to students:

The departments have organized campus interview with various industrial units to facilitate their students for job opportunities. Several students of representative departments have been selected by the industries.

38. Development programs for non-teaching staff:

University arranged Computer training programme for their non-teaching staff by computer center in different batches.

40. Linkages developed with National / International, academic / research bodies:

- Department of Hospital Management has signed MOU with the Shalby Hospital Pvt. Ltd. For students training / internship / projects.

39. Best practices of the institution: &

41. Any other relevant information:

- As suggested by the U.G.C., a Committee has been constituted wherein Director, Student Welfare (D.S.W.), Lady Faculty Members, Girl Students are nominated. The committee meets at regular interval to combat the menace of violence and sexual harassment of women at the work place. A female faculty of the University is nominated as chairperson of this committee.
- During 4, 5 & 6th May, 2009, delegation of this University (Mr. Dilip Choudhary, Mr. Devjibhai Patel and Mr. Babubhai Patel) visited GSW University for various prospects in regard to explore the possibilities of student and faculty exchange programme also initiating joint programme at campuses of both the universities.
- The University attracted many distinguished scholars, from India, who visited different Departments and Centers during the year of report. They delivered lectures, conducted seminars and collaborated with faculty members in scientific research and thus helped to enrich the academic environment of the University. Besides, several scholars, scientists and eminent persons in public life visited the University and delivered lectures under the Distinguished Lecture Series of the University.
- Centralized admission policy & Placement services are provided to students and management.
- According to M.HRD recommendation under NMEICT programme, University is going to establish its new WAN (Wide Area Network) for 1 GBPS Bandwidth with fiber optic connectivity.

Part-C: Outcomes achieved by the end of the year (attach separate sheet if required).

- The university received award for Thelisemia testing in the North Gujarat Region from Red Cross Society, Ahmedabad, Gujarat.

Department of Chemistry

- Organized National Conference of 28th Annual Conference of Indian Council of Chemist in November 2009
- M.Sc. (Analytical) Branch Started
- Organized Campus Interview of Hindustan Zinc Limited, Udaipur

Department of Life Science

- Organized Work-shop on Acupressure Therapy for general awareness in the society
- “Minaxi Lalit Science Award” test
- Proposal to U.G.C. in 11th Plan for construction of Laborites and Library hall for departments of Life-Science under “Special scheme for young university” Built up area 1437 sq.mt.

Department of Mathematics

- Organized one day seminar on “IAS-Competitive Examinations: An awareness program under Career Guidance” for university campus students.
- Article Accepted for publication: A Wave-Reflector Mathematical Model to Protect the Sea Beaches VNSGU Journal of Science & Technology: Vol-2, Issue:1, Jan-June-2010 (ISSN – 0975-5446)
- 4 Candidate Qualified for NET

Department of English

- Organized one Three days international conference.
- Designed the syllabus for M.A. as per the Semester system.

Department of Hospital Management

- Organized World Health Day, 08 May 2010
- Organized Workshop World TB Day, 24 March 2010
- Organized Workshop Safe Hospital, 23 March 2010
- Organized Workshop International Women’s Day, 08 March 2010
- Signed MOU with the Shalby Hospital Pvt. Ltd.

Department of Law

- One New Research project started on A “Study on effectiveness of environmental laws in North Gujarat, Sp. Ref to Human Rights”.
- We have adopted the system of obtaining feedback from students regarding the teachers, teaching methods, library facilities and administrative staff on the basis of the feedback received from students, we have organized English proficiency class from 1st August to 30th September, 2009.
- Invited Honorable V.C. GNLU Gandhinagar Pro. Bimal Patel for Special (Expert) Lecturer.

- As per the recommendation of Board of Studies of Law faculty, has made significant change in curricular
- 5 Students have completed their dissertation work under the guidance

Department of Computer Science

- Most of the Faculty has participated in Different National and International Conferences and Seminars during the year.
- 18 students went at Bardoli to attend the Seminar on Information Technology 27, September 2009.
- 10 students went at Anand to attend the conference at G. H. Patel College of engineering 6-7 October 2009.
- 20 students went at Gandhinagar to participate in programming competition 5-6 January 2010.
- Every year we celebrate talent for all student.

Department of Physics

- Regional seminar and Chair the session as a judge for oral presentations, paper presentation and popular lecture at Physics department, HNGU, Patan based on “Awareness & information on ozon and prevention of ozon layer” funded by Punabha CSC(GUJCOST), and HNGU Patan

Part-D: Detail the plans of the institution for the next year.

- The University has planned to take student feedback for all the faculty member of different departments via structured questionnaire.
- The University has planned to introduce semester and grading system in all the courses of PG and UG.
- The University has planned to conduct SLET, NET classes.
- To establish a research center.
- To organize National/State level seminars, workshop and conferences.
- To initiate students’ evaluation of teachers at the PG level.
- Also planning to organize campus interview for final year students of different departments.
- To upgrade the present infrastructure which includes well equipped classrooms, seminar hall etc.
- To establish a Parents-Teachers Association
- Inviting Experts from different fields to interact with students.

Name & Signature of the Coordinator, IQAC

Name & Signature of the Chairperson, IQAC