



**HEMCHANDRACHARYA  
NORTH GUJARAT UNIVERSITY**

## *ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2012-13*



**HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN- 384 265**

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University

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**NORTH GUJARAT UNIVERSITY**  
PATAN 384 265

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## Part – A

### 1. Details of the Institution

**1.1 Name of the Institution** : Hemchandracharya North Gujarat  
University, Patan

#### 1.2 Address Line 1

Address Line 2 : University Road

City/Town : Patan

State : Gujarat

Pin Code : 384265

Institution e-mail address : regi@ngu.ac.in,  
naachngu@gmail.com

Contact Nos. : 91 2766 230743

Name of the Head of the Institution : Dr. Dilip C Patel

Tel. No. with STD Code: : 91 2766 230743

Mobile: : 9712903188

Name of the IQAC Coordinator : Dr. S. A. Bhatt

Mobile : 9723615324

IQAC e-mail address : naachngu@gmail.com

**1.3 NAAC Track ID (For ex. MHCOGN 18879)** : GJUNGN10138

**1.4 NAAC Executive Committee No. & Date** :

NAAC/A&AOC/EC-46/73/2008/

Date : 16/09/ 2008

*(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner-  
bottom of your institution's Accreditation  
Certificate)*



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1.5 Website address: : [www.ngu.ac.in](http://www.ngu.ac.in)

[http://www.ngu.ac.in/IQAC/IQAC\\_REPORT.htm](http://www.ngu.ac.in/IQAC/IQAC_REPORT.htm)

Web-link of the AQAR: <http://www.hngu.ac.in/IQAC>

### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.55	2008	2013
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC:DD/MM/YYYY

September 28, 2010

1.8 AQAR for the year (for example 2010-11)

2012-13

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR : 2008 -2009 (DD/MM/YYYY)
- ii. AQAR : 2009-2010 (DD/MM/YYYY)
- iii. AQAR : 2010-2011 08/12/2014\_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR : 2011-2012 08/12/2014\_\_\_\_\_ (DD/MM/YYYY)
- v. AQAR : 2012-2013 08/12/2014\_\_\_\_\_ (DD/MM/YYYY)

### 1.10 Institutional Status

- University State  Central  Deemed  Private
- Affiliated College Yes  No
- Constituent College Yes  No
- Autonomous college of UGC Yes  No
- Regulatory Agency approved Institution Yes  No



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(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  C 2(f)  C 12B

Grant-in-aid + Self Financing  Totally Self-financing

**1.11 Type of Faculty/Programme**

Arts  Science  Commerce  Law  PEI (PhysEdu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

Social Science, Rural studies, Hom. Science, Medicine, Pharmacy

**1.12 Name of the Affiliating University (for the Colleges)**

Not applicable

**1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc.**

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme  DST-FIST

UGC-Innovative PG programmes  any other (Specify)

UGC-COP Programmes



## 2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes



## 2.14 Significant Activities and contributions made by IQAC

<b>Criteria</b>	<b>Achievements</b>
<b>Curricular Aspects</b>	<ul style="list-style-type: none"><li>▪ Implementation of semester system in all programmes offered on the campus</li><li>▪ Internal exam as per CBCS mode was conducted</li></ul>
<b>Teaching, Learning and Evaluation</b>	<ul style="list-style-type: none"><li>▪ Annual academic planning was done separately for the annual and semester courses.</li><li>▪ E learning approach was promoted for preparation of competitive exam</li></ul>
<b>Research, Consultancy and Extension</b>	<ul style="list-style-type: none"><li>▪ University- Industry meet 2013 was organized</li><li>▪ One day Shodhganaga Awareness Programme was organized</li><li>▪ Research Journal ANART volume 14 was published</li></ul>
<b>Infrastructure and Learning Resources</b>	<ul style="list-style-type: none"><li>▪ Silver Jubilee Park was started as per suggested of IQAC</li><li>▪ Institute of architecture phase-1, Ladies Hostel (tribal), in service Hostel Buildings, C.C. Road, M.Sc. IT extension and sports ground were created suggested by IQAC during the year</li><li>▪ Institute of architecture phase-2, Guest house and convention centre work under progress</li><li>▪ Library learning resources have been upgraded</li><li>▪ More than 100 computer were purchased</li></ul>
<b>Student Support and Progression</b>	<ul style="list-style-type: none"><li>▪ Student feedback analysis was done</li><li>▪ Student placement activities were initiated</li><li>▪ on campus and off campus student activity have been regularly reported in “UDDICHYA” a fortnightly published news bulletin of University</li><li>▪ Youth festival, Intercollege, Sports &amp; Cultural events were organized</li><li>▪ On line career counselling portal was started</li></ul>
<b>Governance, Leadership and Management</b>	<ul style="list-style-type: none"><li>▪ Academic calendar was formulated</li><li>▪ Feedback analysis was done</li><li>▪ Plan Do Check and Act principles were implemented</li><li>▪ SWOT analysis was carried out</li><li>▪ Internal and external audit was carried out and ISO 9001: 2008 certification was acquired for university</li></ul>



## 2.15 Plan of Action by IQAC/Outcome

The plan of action prepared out by the IQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year

### Plan of Action

- Institutional performance was analysed against the NAAC peer team report 2008 and previous year AQAR report and activity were initiated in respective domain for quality improvement
- Institutional system was analysed against ISO 9001 :2008 standard and Quality Management system was established
- Required action were taken as per external audit report
- To collect feedback and data on key point indicator for quality enhancement
- Management review meeting and SWOT analysis
- Establishment of on line Academic management system
- In year work on following three recommendation of peer team was initiated
  1. Curriculum may be upgraded with introduction of the Semester System and Choice Based Credit System.
  2. The system of Documentation and maintenance of University records needs to be improved.
  3. Examination reforms needs to be introduced.
  4. More learner centred appropriate methods may be adopted in day to day class room teaching





## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	29	01	-	-
PG	39	02	24	-
UG	38	03	24	-
PG Diploma	04	03	07	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	04	01	05	-
Others	-	-	-	-
<b>Total</b>	<b>85</b>	<b>09</b>	<b>60</b>	<b>-</b>
Interdisciplinary	24	05	29	-
Innovative	-	-	-	-

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

Semester system was started for all post graduate courses

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All P.G. Programmes
Trimester	-
Annual	All U.G. Programmes

1.3 Feedback from stakeholders\* Alumni  
(On all aspects)

Parents  Employers  Students

Mode of feedback:

Online  Manual Co-operating schools (f  D)

*\*Please provide an analysis of the feedback in the Annexure: see appendix II*

##### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

All P.G. Courses and First-Second Year U.G. Courses

##### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil



## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

	Total	Asst. Professors	Associate Professors	Professors	Others
Granted	32	15	6	4	7
Self-Financed	42	33	1	1	7
<b>Total</b>	<b>74</b>	<b>48</b>	<b>7</b>	<b>5</b>	<b>14</b>

#### 2.2 No. of permanent faculty with Ph.D.

21

#### No. Ad. permanent faculty with Ph.D.

20

#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
Granted	1	-	-	-	-	-	4	-	5	-
Self-financed	3	-	-	-	-	-	-	-	3	-
<b>Total</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-4</b>	<b>-</b>	<b>8</b>	<b>-</b>

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

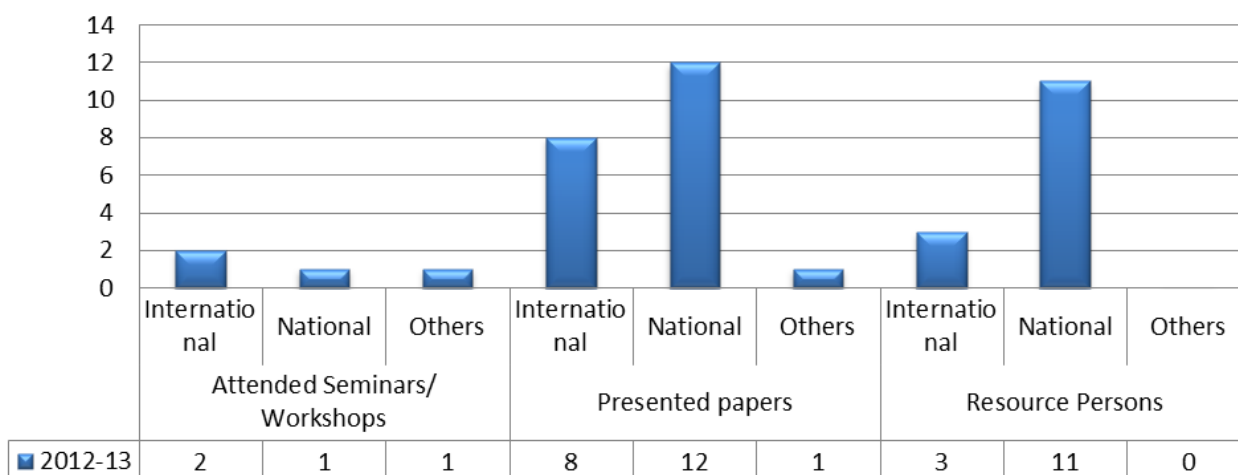
21

67

07

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	1	1
Presented papers	8	12	1
Resource Persons	3	11	0





(Refer Appendix: III and IV for further details)

**2.6 Innovative processes adopted by the institution in Teaching and Learning:**

Use of Audio visual technology in teaching  
Active learning mode  
Promotion of ICT

**2.7 Total No. of actual teaching days during this academic year**

160 Days

**2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, and Online Multiple Choice Questions)**

Barcode system was implemented  
All the elective paper printed together for reducing problem of paper distribution  
Centralized assessment was done for Sem. - IV exam and result was declared within 25 days

**2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop**

430

430

-

**2.10 Average percentage of attendance of students**

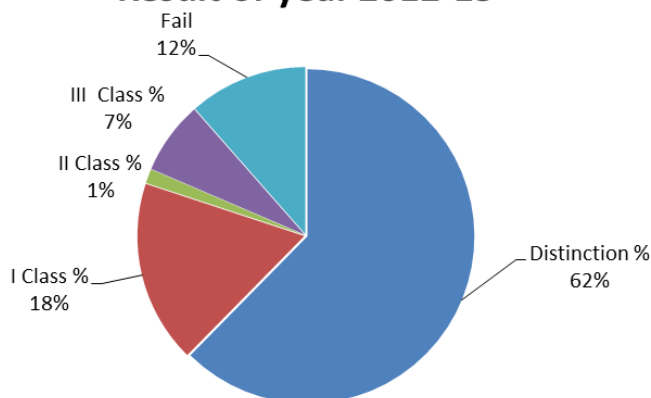
75%



**2.11 Course/Programme wise distribution of pass percentage:**

Title of the Programme	Total no. of students appeared	Division				PASS %
		Distinction %	I %	II %	III %	
B.B.A	91	0	56	41	0	97
B.LIB & INFORMATION SCIENCE	15	60	40	0	0	100
B.P.Ed	4	100	0	0	0	100
M.A (ENGLISH)	17	0	71	24	0	94
M.A (SANSKRIT)	67	55	4	0	1	61
M.C.A	56	0	0	0	82	82
M.Ed	26	85	15	0	0	100
M.J.M.C	9	0	78	0	11	89
M.LIB & INFORMATION SCIENCE	23	78	22	0	0	100
M.P.ED	14	100	0	0	0	100
M.P.Ed	14	100	0	0	0	100
M.PHIL. (CHEMISTRY)	5	20	20	0	0	40
M.PHIL. (ECONOMICS)	24	88	13	0	0	100
M.PHIL. (EDUCATION)	51	92	6	0	0	98
M.PHIL. (SANSKRIT)	30	97	0	0	0	97
M.S.W	34	74	18	0	0	91
M.SC. (BIOTECHNOLOGY)	9	100	0	0	0	100
M.SC. (BOTANY)	12	42	33	25	0	100
M.SC. (CHEMISTRY)	80	16	31	0	16	63
M.SC. (ENVIRONMENT SCIENCE)	18	44	22	6	0	72
M.SC. (MATHEMATICS)	26	12	12	4	19	46
M.SC. (MICROBIOLOGY)	29	3	55	10	3	72
M.SC. (PHYSICS)	20	81	10	0	10	100
PG DIPLOMA YOGA	6	67	0	0	0	67
PGDCA	37	32	57	0	0	89
M.SC. (CA & IT)	127	69	23	2	1	95
M.PHARMA PHARMACEUTICS	40	95	0	0	5	100
M.SC. (ELECTRONICS)	5	80	20	0	0	100
M.PHIL (GUJARATI)	27	100	0	0	0	100
M.PHIL (HISTORY)	22	82	9	0	0	91
M.PHIL (JOURNALISM)	4	50	0	0	0	50
M.PHIL (LIFE SCIENCES)	10	50	20	0	0	70
M.PHIL (PHYSICAL EDUCATION)	29	90	0	0	3	93
M.PHIL (SOCIOLOGY)	14	93	0	0	0	93
B.S.W.	33	0	0	0	97	97
M.PHIL (BIOTECHNOLOGY)	9	100	0	0	0	100
M.PHIL (COMMERCE)	31	100	0	0	0	100
M.PHIL (ENGLISH)	15	40	60	0	0	100
M.PHIL (HINDI)	15	100	0	0	0	100
M.PHIL. (LAW)	18	6	94	0	0	100

**Result of year 2012-13**





**2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:**

- Result analysis
- Feedback from the students
- Preparation of academic calendar
- Meeting with department head

**2.13 Initiatives undertaken towards faculty development**

Faculty / Staff Development Programs	Number of faculty benefitted
Refresher courses	1
UGC – Faculty Improvement Programme	3
HRD programmes	1
Orientation programmes	1
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	
Others	1

(Refer Appendix: V for further details)

**2.14 Details of Administrative and Technical staff**

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	98	33	-	226*
Technical Staff	-	-	-	13

\* Out Sourced



## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

##### **One day Shodganga Awareness Programme**

Date: Sep 6, 2013 in

Participating agency: Infilbnet Center, Gandhinagar.

Total Participant: 214

Objective: (1) To improve the skill of researcher in the area of Ph. D., Post-doctoral research article and Research Project through Infilbnet Center, Gandhinagar. (2) To aware the researcher and Ph.D. /M. Phil fellow about the quality research through Infilbnet support and facility

##### **Industry Academia Meet - 2013**

**Date:** August 17, 2013

Industry participation: Around 40 Industrial representative including representation from ONGC, APMC, GIDC, All India seeds association, CCF etc.

#### 3.2 Details regarding major projects

	Completed	On-going	Sanctioned	Submitted
Number		5		
Outlay in Rs.		3456900		

(Refer Appendix: VI for further details)

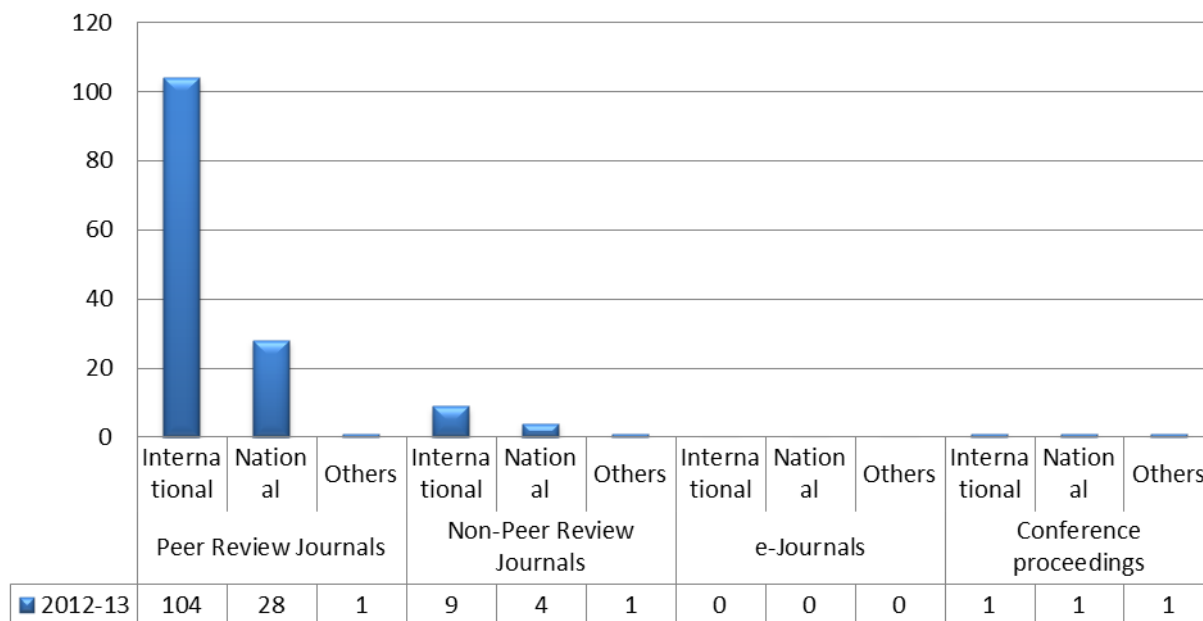
#### 3.3 Details regarding minor projects

	Completed	On-going	Sanctioned	Submitted
Number	0	9		
Outlay in Rs.	0	1186500		

(Refer Appendix: VII for further details)

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	104	28	1
Non-Peer Review Journals	9	4	1
e-Journals	0	0	0
Conference proceedings	1	1	1



(Refer Appendix: VIII for further details)

**3.5 Details on Impact factor of publications:**

Range  Average  h-index  Nos. in SCOPUS

**3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations**

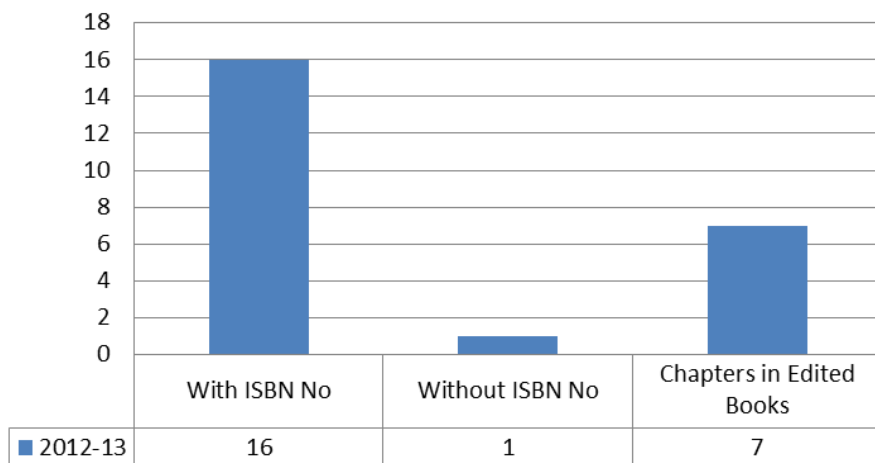
Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 Years	UGC	4453700	3350700
Minor Projects	1 Year	UGC/DST	1657025	1657025
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	UGC	2228200	2228200
Any other(Specify)	-	Govt. of Gujarat	2537420	1744744
Total	-	-	10876345	8979969

3.7 No. of books published i) With ISBN  No. Chapters in Edited Books

ii) Without ISBN No.



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**3.8 No. of University Departments receiving funds from**

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges Autonomy  CPE DBT  scheme   
INSPIRE CE  ther (specify)

3.10 Revenue generated through consultancy

**3.11 No. of conferences**

**Organized by the Institution**

(Refer Appendix: IX)

Level	International	National	State	University	College
Number		6	1	11	
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons  (Refer Appendix: IX)

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

**3.15 Total budget for research for current year in lakhs :**

From funding agency  From Management of University/College   
Total





**3.16 No. of patents received this year**

Type of Patent		Number
National	Applied	01
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

**3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year**

Total	International	National	State	University	Dist	College

**3.18 No. of faculty from the Institution**

25

who are Ph.D.Guides

and students registered under them

146

**3.19 No. of Ph.D. awarded by faculty from the Institution**

27

**3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)**

JRF

7

SRF

Project Fellows

Any other

**3.21 No. of students Participated in NSS events:**

University level

450

State level

104

National level

37

International level

-

**3.22 No. of students participated in NCC events:**

University level

-

State level

-

National level

-

International level

-

**3.23 No. of Awards won in NSS:**

University level

-

State level

-

National level

-

International level

-



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### 3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

### 3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Milan And Pari-samvad (WILPF) organized by Women Cell.
- Celebration of Consumer Day organized by Department of Law.
- Mahila Self Defense Talim Shibir organized by Department of Law and Yuva and Cultural Activities
- Vivekanand Chintan Shibir, Woman Defense Training, AIDS Awareness Conference organized by Education Department
- One day seminar on 'Road Safety' organized by Institute of Architecture
- Hemchandracharya Samaroh organized by Department of Sanskrit & Bharatiya Vidhya on 15-17, March, 2013
- Manibhai Vyakhyan Mala organized by Department of Sanskrit & Bharatiya Vidhya
- Police tamaro Mitra – Shibir organized by Department of Sanskrit & Bharatiya Vidhya
- Kanuni Shibir organized by Department of Sanskrit & Bharatiya Vidhya
- Red Ribbon (Spardha) organized by Department of Mathematics
- Swami Vivekanand Lecturer janam satabdi organized by Department of Mathematics



## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	<b>40877.98</b> Area unit	5252.96	100 ugc,150 state govt,107.09 own fund	357.09
Class rooms	<b>104.00</b>	8.00		
Laboratories	<b>101.00</b>	2		
Seminar Halls	<b>5.00</b>	1.00		
No. of important equipment's purchased ( $\geq 1$ -0 lakh) during the current year.	<b>22.00</b>	8.00		30.00
Value of the equipment purchased during the year (Rs. in Lakhs)	<b>166.61</b>	74.56		
Others				
Residential Area in Smt	6670.04	960.00	state govt	85.85
Hostel Area in Smt.	17314.68	2418.00	state govt	210.16
Sports Area in smt.	5001.19		own fund	38.00
Amenities Area in smt	2325.45			

#### 4.2 Computerization of administration and library

Soal 2.02
-----------

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
<b>Text Books</b>	65954	28273805	1683	19,29,290/-	67637	30203095
<b>Reference Books</b>						
<b>e-Books</b>	-	-	-	-	-	-
<b>Journals</b>	816	1281311	120	3,00,097/-	936	1581408
<b>e-Journals</b>	Bentham	57300	Bentham	60060	Bentham	117360
<b>Digital Database</b>	UGC INFONET/INFLIBNET/DELNET/BENTHAM PHARMACY					
<b>CD &amp; Video</b>	833	-	08	-	841	-
<b>Others (specify)</b>	969	-	169	-	1138	-
<b>Ph.D. Thesis</b>						



#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1140	18	300 Users	04	37	67	983	53
Added	65	02	-	-	-	07	58	-
Total	1205	20	300 Users	04	37	74	1041	53

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

Need based training of ICT was given to staff and students and Class B network was established to put entire network under common access for intranet related application

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	6.82
ii) Campus Infrastructure and facilities	21.05
iii) Equipment	6.76
iv) Others	3.52
<b>Total :</b>	<b>38.15</b>



## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Related information was circulated to students and kept on website for creating awareness

#### 5.2 Efforts made by the institution for tracking the progression

Students result records were given to respective department annually for tracking the progression of students

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1106	1258	8	35

#### (b) No. of students outside the state

11

#### (c) No. of international students

NILL

Men	No	%	Women	No	%
	1360	58		1102	42

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1465	187	114	695	10	2471	1409	215	89	749	8	2470

Demand ratio 82%

Dropout %

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Smt. VidyabenDeepchandbhaiGardichair, UGC Remedial coaching, NET coaching and entry in service coaching was functional during the year

No. of students beneficiaries

396



### 5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
IAS/IPS etc  State PSC  UPSC  Others

### 5.6 Details of student counselling and career guidance

Need based Student counselling and career guidance activities are in practice at department level  
Career counselling portal is created

No. of students benefitted

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
02	10	284	294

### 5.8 Details of gender sensitization programmes

- 3 days' workshop was organized on "Self-defense of woman". Judo and karate training was given to 80 girls by Mr. Shukla
- Celebration of International woman day

### 5.9 Students Activities

#### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

#### No. of students participated in cultural events

State/ University level  National level  International level

#### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level



5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	625	6089557
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

No any major graveness of students were reported



## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

##### Our Vision

*"I shall transcend myself, be a Universal man;  
and be humble soldier of my motherland".*

*- Umashanker Joshi (Gujarati Poet)*

##### In simple words the vision of the University is

- to inculcate values of equality, unity and justice
- to provide leadership in higher education by imparting quality and socially relevant knowledge
- to contribute to advancement of knowledge through research, publications and dissemination
- to make student conscious of their duty to the country and to fellow human being.

##### Our mission

- to educate student in all areas of scholarship and to advance knowledge
- to develop citizens with knowledge, skill and character leading to social transformation and national development
- to develop aptitudes and skills of students to equip them to face the challenges and need to fast emerging society
- to create greater opportunities for girl students in order to prepare them to be effective leaders.

#### 6.2 Does the Institution has a management Information System

Management of the teaching and administration is done by planning activities of various academic and administrative bodies. These activities are reported at the end of the year and are published in the university annual report which is than approved by the executive council and senate of the university.





## 6.3 Quality improvement strategies adopted by the institution for each of the following:

### 6.3.1 Curriculum Development

- Curriculum development is done by participatory approach by members comprise of BOS comprise of subject experts from this university, other university with in state and from industry.
- Curriculum development is done by consulting the national and international curriculum and customizing it to satisfy local need of region
- Incorporation of standard reference books for developing global competence among students
- Inclusion of professional industry related component in curriculum for better employability
- Periodic/Regular monitoring through student feedback in curriculum development

### 6.3.2 Teaching and Learning

- Monitoring and developing of research activities through University Board of teaching and Research
- University level and departmental level Academic planning and monitoring
- Promoting research-based teaching and learning
- providing high quality professional development opportunities
- Supporting effective and independent learning and personal development by students
- Ensuring that the teaching, learning, assessment and feedback elements of every programme are coherent and provide a progressive, challenging experience for students
- Promoting use of ICT and modern technology
- Promoting interdisciplinary study
- Supporting departments in sustaining small group problem basedteaching, learning and counselling with students at a personal level.
- Recognizing and rewarding excellent students
- Providing support for slow learner
- Appointment of high quality teachers and promotion through faculty development programme

### 6.3.3 Examination and Evaluation

- Compulsory international examination through continuous assessment of students.
- Appointment of internal and external examiner and paper setter as per credit system
- Monitoring the on-going exam with observer and Flying Squad
- Providing rechecking and reassessment facility to student as per ordinance
- Conduct the exam operation in security enabled environment
- Computerization for providing speed and security to evaluation system



### **6.3.4 Research and Development**

- Facilitating research activity of teachers and student
- Monitoring and development of research activities by University Board of Teaching and Research
- Incorporation of research and innovation component in post graduate and research Programme
- Promoting the networking and linkage with research and professional organization
- Promoting the teaching faculty for high quality publication activity
- Supporting and organizing conference and workshop in university
- Providing the Ph. D guide ship to external experts from academic, research organization and industry.
- Providing the freedom to teaching faculty to carry out extension and consultancy work
- Promote NSS and NCC activities in university affiliating college

### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

- Providing excellent space, library resources and administrative infrastructure to allow staff to create stimulating learning environments
- Maintain balance between central and departmental systems and expertise
- Providing required hostel facility for boys and girls students.
- Development of sports facilities
- Development of laboratories with modern instruments for teaching and research
- Providing the ICT facility to faculty and students
- Providing Adequate infrastructure maintenance and support services
- Central and departmental library development
- Computerization of library
- Regular updating of university website for better communication with stake holders.

### **6.3.6 Human Resource Management**

- Self-appraisal method for monitoring the annual performance of staff
- Training by senior staff member to new recruiter
- Organization of on campus Faculty development programme and support the faculty training from other agencies
- Feedback analysis

### **6.3.7 Faculty and Staff recruitment**

- Staff recruitment according to the UGC and State Government Regulations
- Appointment of staff from university own fund with outsource approach for compensating deficit in staff
- Implementation of reservation policy and Roster in staff recruitment and promotions.



### 6.3.8 Industry Interaction / Collaboration

- Establishment of Industry academia interaction cell
- Promote linkage with Industry
- Involvement of industry expert for curriculum development and research activities
- Placement activities with support for industries.

### 6.3.9 Admission of Students

- Adhering to the UGC standards for minimum eligibility qualification
- Transparent and merit based admission system
- Centralized admission in professional programmes
- Implementation of reservation policy as per state government regulation
- Providing the Reservation quota for students other than HNGU with in and outside the state.

### 6.4 Welfare schemes for

Teaching	
Non teaching	1,14,691/-
Students	

### 6.5 Total corpus fund generated

81,000/-

6.6 Whether annual financial audit has been done    Yes     No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	IQAC
Administrative	Yes	ISO	Yes	IQAC

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes    Yes     No

For PG Programmes    Yes     No



#### **6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?**

- Semester System was introduced in all PG programme from June – 2010.
- Given details on Question papers about Date & Time and Subject & Subject code.
- Bar code Sticker system was introduced for maintaining confidentiality
- Old question papers were made available on Uni. Web-site.

#### **6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?**

- Not needed till now

#### **6.11 Activities and support from the Alumni Association**

- Informally alumni association were function in various department
- Alumni groups are operative on social networking sites

#### **6.12 Activities and support from the Parent – Teacher Association**

- Informally Parent teacher Interaction are in practice as per need in respective department

#### **6.13 Development programmes for support staff**

- Required training has been given by the senior administrative and teaching staff members
- Need based Computer training are given to support staff

#### **6.14 Initiatives taken by the institution to make the campus eco-friendly**

- Awareness created in campus for reduce the misuse of paper, Water and electricity
- Plantation and gardening are regularly practiced to maintain green campus
- Use of ICT is promoted to reduce the use of paper as sincere effort to sustain environment.



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## Criterion – VII

### 7. Innovations and Best Practices

**7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.**

Development of Low cost, effective e governance and e learning system for University with participatory approach. (See best practice for further details)

Development of quality Management system as per ISO9001: 2008 standards  
(See best practice for further details)

**7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year**

- According to the Annual Plan respective conduct of various activities were monitored by IQAC team during year and required inputs were given for effective completion of tasks
- Annual report was prepared at the end for summarizing work done during the year
- IQAC have evaluated the annual work done with plan work and prepared next year annual plan to compensate left out work in next year
- Required change in plan was recorded for better implementation in next year planning

**7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)**

Development of Low cost, effective e governance and e learning system for University with participatory approach. (See best practice for further details)

Development of quality Management system as per ISO9001: 2008 standards

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

**7.4 Contribution to environmental awareness / protection**

Environment awareness programmes were conducted for students and society from NSS and life science department

Snake rescue and bird rescue programme were conducted by students

On campus tree plantation was done

**7.5 Whether environmental audit was conducted?**

Yes

No



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7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**8.Plans of institution for next year**

Preparation of SSR

Improvement in the NAAC criteria a

Collecting the input from various stack holders for CBCS Curriculum revision

Incorporation of well-defined learning out come in curriculum



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Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\_\_\_\_\_\*\_\*\_\*\_\_\_\_\_  
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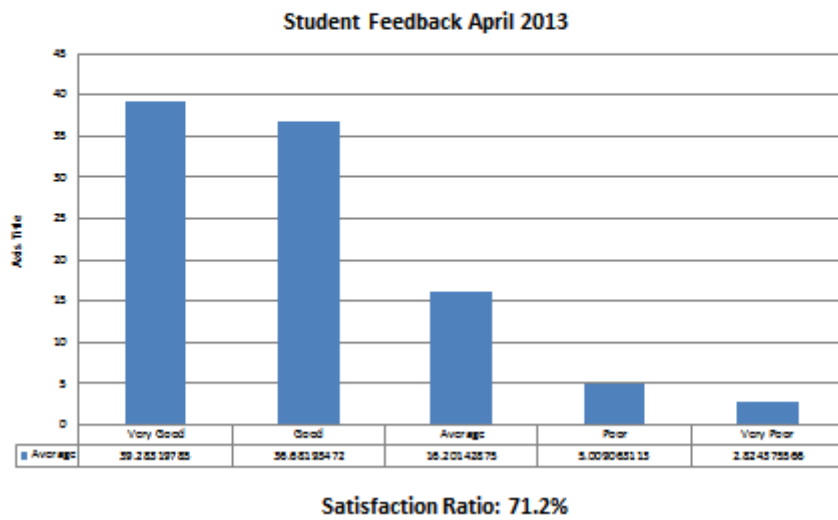
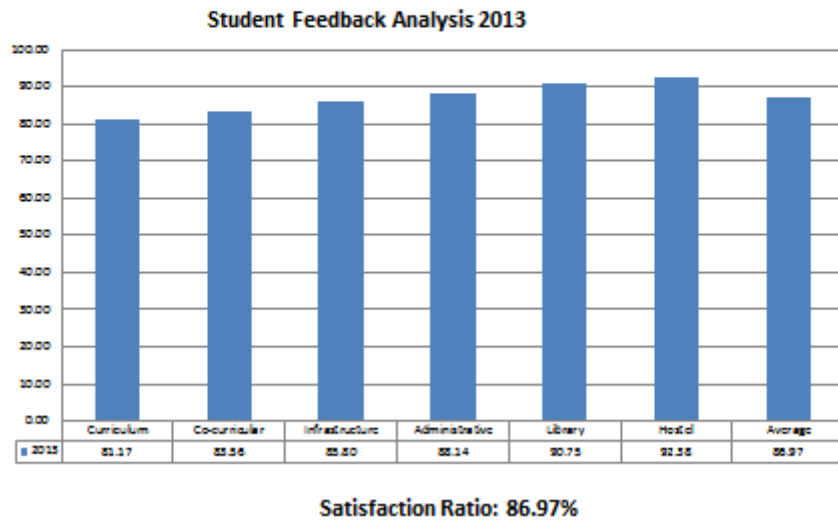
**Appendix I : Academic Calendar**

<b>ACADEMIC CALENDAR (2012-2013)</b>		
<b>Sr. No.</b>	<b>Particulars</b>	<b>Date</b>
1.	Beginning of the Academic Year	15-06-2012
2.	Date of Completion of the Admission -- Under Graduate -- Post Graduate Departments / Centers	23-06-2012
3.	Commencement of Teaching Work -- Colleges -- Semester I & III	25-06-2012
4.	Last Date of Submission of P.G. Registration forms to the University	14-08-2012
5.	Last Date of Submission of the First Year Under Graduate Enrolment forms	14-08-2012
6.	Internal Test	End of the Exam to 05-11-2012
7.	End of the First Term	10-11-2012
8.	University Examination (October-December) (Semester-1 all exam. of CBCS)	22-11-2012 to 06-12-2012
9.	Diwali Vacation	12-11-2012 to 01-12-2012
10.	Beginning of the Second Term (Sem. II) (Sem. IV)	03-12-2012 10-12-2012
11.	Internal Test (Preliminary Examination) Colleges / Rural Studies	Examination End to in 01-04-2013
12.	University Examination (April-June) Without CBCS CBCS	28-03-2013 18-04-2013
13.	End of the Second Term Colleges Department	26-04-2013
14.	Summer Vacation	27-04-2013 to 14-06-2013



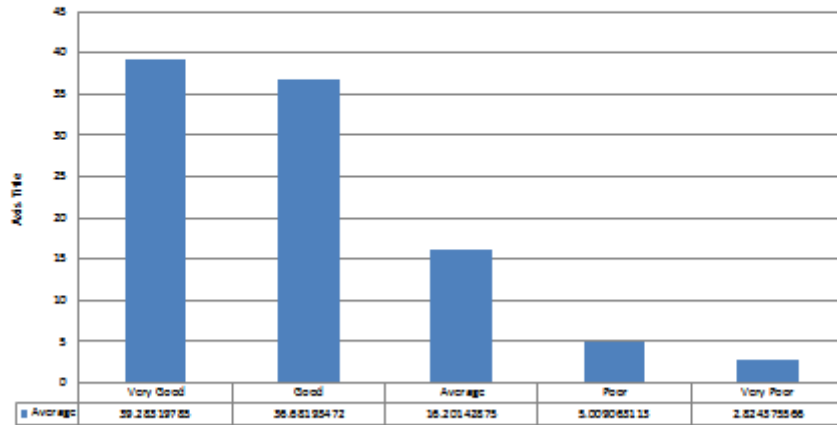


**Appendix II: Feedback analysis**



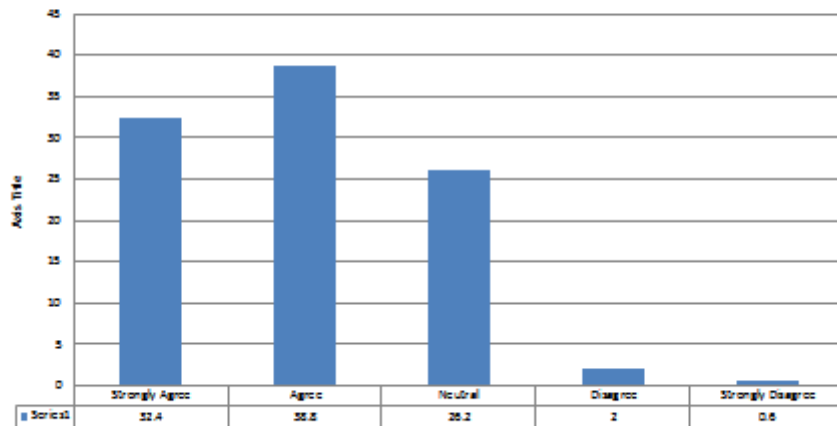


**Student Feedback April 2013**



**Satisfaction Ratio: 71.2%**

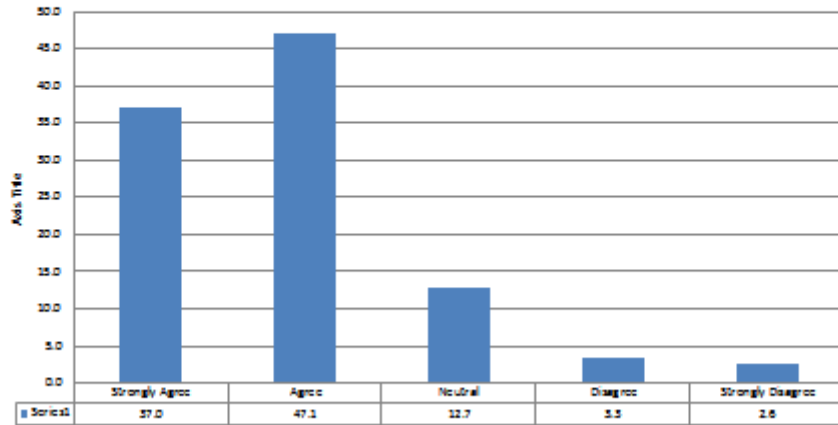
**Feedback from Parents April 2013**



**Satisfaction Ratio: 76.24%**

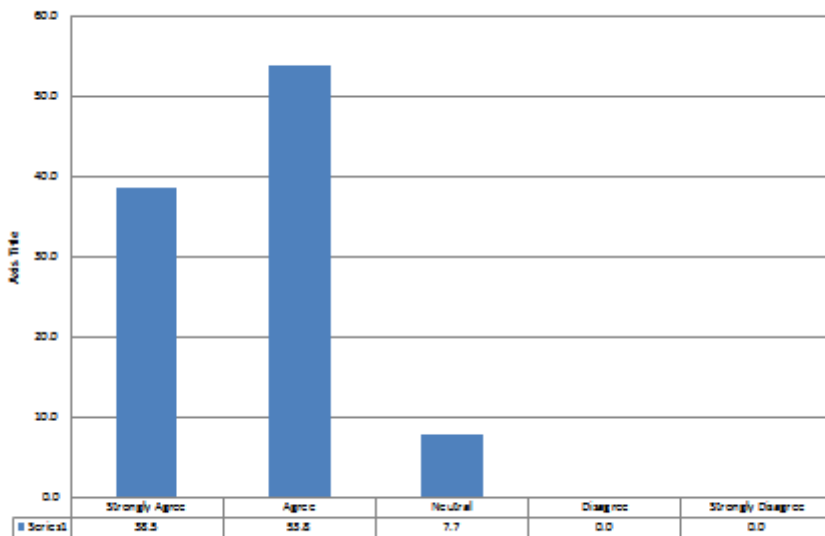


Feedback from Alumni April 2013



Satisfaction Ratio: 84.1%

Feedback from Supporting staff



Satisfaction Ratio: 92.3%



### Appendix III: Conference Presentations

No.	Title of Paper	Name of Faculty	Type	Level	Name of Conference/Seminar	Organizer	Place
1	<a href="#">Attended</a>	Dr.Kokila A Parmar	Attended	International		Department of Biotechnology, Hemchandracharya North Gujarat University	Patan
2	<a href="#">Attended</a>	Dr.Kokila A Parmar	Attended	International		International Conference on Biotechnology: For Environment, Agriculture and Society.	Patan
3	<a href="#">Attended</a>	Dr. R M Patel	Attended	National		HNGU	Patan
4	<a href="#">Arjunvishadyog nu rahyasya</a>	Dr.Dilip C Patel	Oral	State		KadiSarvVishvavidhyalay and BhartiyaSixanMan dal, Gujarat	Gandhinagar
5	<a href="#">Biocontrol efficacy of Trichoderma viride in Groundnut and Mustard against Sclerotinia rolfsii and Fusarium oxysporum</a>	Dr.Himanshu Baraiya	Poster	National	National Level seminar on recent Advance in Applied Sciences (RAAS)-2013	Shri A. N. Patel Post Graduate Institute, Anand	Anand
6	<a href="#">College Teachers' Awareness regarding Choice Based Credit System</a>	TandelSudhir kumarHaribhai	Oral	National	National Seminar on Changing Scenario in Higher Education	Smt. V.B.Nandola B.Ed. College-Bhacha in association with Council for Teacher Education (CTE), Gujarat Chapter	Bhacha, Dist-Junagadh, Gujarat
7	<a href="#">Comperative Study of Lactobacillus helveticus</a>	Dr. Rajesh Patel	Poster	National		Department of Life Sciences HNG University	Patan
8	<a href="#">Created Spokes – Character Credibility's Impact on Attitudes towards the advertisement, Brand and Purchase Intention</a>	Dr.Nishith Bhatt	Oral	International	Anvesh&ndash; 2012 Doctoral Research in Management	Institute of Management , Nirma University	Ahmedabad



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No.	Title of Paper	Name of Faculty	Type	Level	Name of Conference/Seminar	Organizer	Place
9	<a href="#">Creating excellence in Sustainable Society</a>	Dr. V. H. Upadhyay	Oral	International		HNGU	Patan
10	<a href="#">Design and development of free downloadable software to find weight on different celestial bodies</a>	Dr. Darshan G Vyas	Oral	National		K.K. Jarodawala science college	Science city
11	<a href="#">Dharmashashtramaman vadhikar</a>	Dr. Dilip C Patel	Oral	National		Umma Arts and Nathiba Commerce Mahia College	Gandhinagar
12	<a href="#">Environmental Architecture &amp; Landscaping</a>	Mr. Deliya Mitul	Attended	State	Regional workshop on Environmental Architecture & Landscaping	Hemchandracharya North Gujarat University	Patan
13	<a href="#">EST Analysis of Groundnut</a>	Dr. Rajesh Patel	Poster	National		Department of Loife Sciences HNG University	Patan
14	<a href="#">Hemchandracharyana vyashyamahakavyamai varnituttar Gujarat naaitihasikshtalo</a>	Dr. Dilip C Patel	Oral	National		Department of Sanskrit & Bharatiyavidhya, HNGU, Patan	Patan
15	<a href="#">HRM issues in public healthcare delivery system in India</a>	Dr. Bhupinder Chaudhary	Oral	International		DBIMCS, Mandi Gobindgarh (Punjab)	Mandi Gobindgarh (Punjab)
16	<a href="#">Kautilyakalin Kar Vyavastha</a>	Dr. Dilip C Patel	Oral	National		Mohanlal Sukhadia University	Udaipur
17	<a href="#">Maghakrutshishupalvad hamahakavyamaidharma shastriyashandrbha</a>	Dr. Dilip C Patel	Oral	National		Akhil Bhartiya Sahitya Parisad and Rajasthan	Jaipur
18	<a href="#">Mass Media and Development of Tribals – A Structural Analysis</a>		Oral	International	International Seminar on Tribal Development	Pacific Institute of Tribal Development	Udaipur, Rajasthan
19	<a href="#">Medical Tourism in Gujarat: A study</a>	Dr. Bhupinder Chaudhary	Oral	National		University of Kashmir	Srinagar



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No.	Title of Paper	Name of Faculty	Type	Level	Name of Conference/Seminar	Organizer	Place
20	<a href="#">Microbial screening and Spectral studies of some new synthesized Pyrimidine Derivatives</a>	Dr.Kokila A Parmar	Oral	International		Department of Physics and Chemistry Lachoo Memorial College of Science & Technology	Jodhpur
21	<a href="#">Mitochondrial Genome Analysis of water Buffalo</a>	Dr. Rajesh Patel	Poster	National		Department of Life Sciences HNG University	Patan
22	<a href="#">Preservation of shastras and Development of Sanskrit Language Concerns and prospects</a>	Dr.Dilip C Patel	Oral	International		Shree Somnath Sanskrit University and Sanskrit Academy	Veraval
23	<a href="#">Study on Qualitative and Quantitative estimation of in vivo and in vitro tissues of <i>Tecomella undulate</i> (Sm.) Seem.</a>	Dr.Illa C Patel	Poster	International	Nirma Institute of Pharmacy International Conference	Institute of Pharmacy, Nirma University, Ahmedabad, Jan.18-20, 2013	Ahmedabad (Gujarat)
24	<a href="#">VaidikSahitya ma vivahsankar</a>	Dr.Dilip C Patel	Oral	National		MaharshiSandipani RashtriyaVevVidya- Pratisthan, Ujjain & Shree ShardapithVidyasabha, Dwarka	Dwarka
25	<a href="#">Weight management in young generation</a>	Dr. V. G. Chaudhary	Oral	International		HVPM	Amaravati, Maharashtra



## Appendix IV: Invited Lecture Presentations

No.	Topic for Presentation	Name of Faculty	Level	Name of Conference/Seminar	Organizer	Place
1	<a href="#">AbhignyanSakuntalam</a>	Dr. Dilip C Patel	National	AbhignyanSakuntalam	P. K. Kotawala Arts College	Patan
2	<a href="#">Bioinformatics Challenges in cutting edge metagenomic research</a>	Dr. Rajesh Patel	National	Bioinformatics Challenges in cutting edge metagenomic research	Department of Animal Biotechnology, Veterinary Collage	Anand
3	<a href="#">Career in Conservation" in Inspire Programme organized by Department of Science and Technology</a>	Dr. NishithDharaiya	National	Inspire Programme	Kachchh University	Bhuj
4	<a href="#">carrier in Conservation" in Inspire Programme</a>	Dr. NishithDharaiya	International	Department of Science and Technology	Kachchh University	Bhuj
5	<a href="#">Education in Gujarati Medium</a>	Dr. Dilip C Patel	National	Education in Gujarati Medium	Department of BhashaNiyamak	Gandhinagar
6	<a href="#">Fundamental Application of Bioinformatics</a>	Dr. Rajesh Patel	National	SANDHAN, All gujarat integrated class room	Knowledge consortium of gujarat, department of education, GOG	Gandhinagar
7	<a href="#">Geomatrix</a>	Vishal H Bhemwala	International	Geomatrix	IIT, Bombay	Bombay
8	<a href="#">Metagenomics: A science of recent advances</a>	Dr. Rajesh Patel	National	At anadagri	GSBTM and otehe	aanand
9	<a href="#">NAAC Re-accreditation</a>	Dr. Rajesh Patel	National	NAAC Reaccreditation	Amar Jyot Education Trust	Radhanpur
10	<a href="#">Optimizing human-bear Conflicts in Gujarat through community participation</a>	Dr. NishithDharaiya	National	Refresher Course	National Conference on Indian Biodiversity at Raipur,	Chhatisgadh
11	<a href="#">Risk Assessment</a>	Dr. NishithDharaiya	National	Bio Sciences	KC College	Mumbai
12	<a href="#">Sanskrit &amp; Gujarati</a>	Dr. Dilip C Patel	National	Tradition of Sanskrit Grammar & Guajarati Grammar	T.M.S.M.Arts College	Idar
13	<a href="#">The Role of Chemistry in giving their Solutions.</a>	Prof. J JVora	International	First International conference of Indian Council of Chemists; Global Challenges	.	Bangkok
14	<a href="#">Tradition of Sanskrit grammer&amp; Gujarati Grammer</a>	Dr. Dilip C Patel	National	Tradition of Sanskrit grammar& Gujarati Grammar	TalakchandMyachandMahila Arts college, Idar	Idar



## Appendix V: FDP

No.	Name of Training	Name of Faculty	Name of Organizer	Place	Time Duration (In week)	Type of Training
1	<a href="#">E-Content Development</a>	Mr.DeliyaMitul	Academic Staff College	Hyderabad	1.0	Sort term course
2	<a href="#">IIML-SMF-AICTE sponsored Management Teacher's Program on International Business Strategy</a>	Dr.Nishith Bhatt	Indian Institute of Foreign Trade, New Delhi	New Delhi	1.0	FDP
3	<a href="#">International Training Course on Drug Development and Neglected Tropical Infectious Diseases</a>	Dr. Rajesh Patel	Thailand Science Park, PathumThani, Thailand	PathumThani, Thailand	1.0	Soft Skill development Program
4	<a href="#">Non-invasive genetic techniques in wildlife conservation</a>	Dr. Sanjay M Dave	George Mason University and Smithsonian Conservation Biology Institute	FRONT ROYAL, Virginia, USA	1.0	Sort term course
5	<a href="#">OP-105 ASC-Shimla</a>	TandelSudhirkumarHaribhai	ASC-Shimla	Shimla	4.0	Orientation
6	<a href="#">Orientation Program</a>	ModiJayeshkumarNatwarlal	Academic Staff College, ahmedabad	Ahmedabad	4.0	Orientation
7	<a href="#">Professional Development Programme</a>	Mr. Bharat D Prajapati	ASC, UNIVERSITY OF Hyderabad	Hyderabad	1.0	Sort term course
8	<a href="#">Refresher</a>	Dr.Smita B Vyas	Academic Staff College, Gujarat Uni., Ahmedabad	Ahmedabad	3.0	Refresher
9	<a href="#">Research Methodology workshop</a>	Mr.TrivediJaykumar Y	ICSSR , New Delhi	Patan	1.5	Sort term course
10	<a href="#">Study of Advanced Architecture</a>		Indian Inst. of Architecture	Dubai, Abudhabi	1.0	Other training
11	<a href="#">Summer School on Disaster Management</a>	Dr.BhupinderChaudhary	UGC ASC, DAVV, Indore	Indore	3.0	Orientation





## Appendix VI: Major Research project

### Sanctioned

Title	Name of PI	Funding Agency	Amount mobilized	Starting Date	Ending Date
Influence of Arid and Semi-arid Soil Microbial Composition on Growth, Water Status and Nutrient Uptake Mechanism in Certain Bioindicator Plant of North Gujarat Region Under Saline Condition	Dr. Ashish Patel	Gujarat State Biotechnology Mission (GSBTM)	1900600	4-Mar-13	
Metaproteomic Analysis of a Different Protein Response to Soil Salinity.	Dr. Ashish Patel	University Grant Commission (UGC)	1473830	1-Jul-12	1-Jul-15
Centre for Indian Diaspora and Cultural Studies	Prof. Adesh pal	UGC	1000000	1-Apr-12	31-Mar-13
Monitoring and Assessment of coastal wetlands of Gulf of Kachchh using avifauna as a key indicator	DrNishithDharaiya	University Grants Commission	983800	1-Jul-12	1-Jul-15
Ruffords Booster Research Grants	DrNishithDharaiya	Ruffords Small Grants Foundation, UK	700000	15-Jul-12	31-Jul-13
Evaluation of social culture and economic transformation in costal communités of gujarat	Prof HemixaRao	UGC	692100	1-Jul-12	1-Jul-14
A COMPARATIVE STUDY OF PRIMARY SCHOOLS HAVING HIGHER & LOWER GRADE ASSIGNED DURING GUNOTSAV	TandelSudhirkumarHaribhai	SSA, Gandhinagar	670540	21-Mar-13	21-Mar-14
UGC-BSR Start up Grant	DrHimanshuBariya	UGC, New Delhi	600000	7-Oct-12	7-Oct-13
DEVELOPING AND TESTING OF SOIL/ INVERTEBRATE INTERACTION	Dr. Sanjay Dave	UGC, NEW DELHI	256000	22-Mar-13	22-Mar-14
Centre for Indian Diaspora and Cultural Studies	Prof. Adesh pal	UGC	1000000	1-Apr-12	31-Mar-13
Detecting and monitoring sloth bears at the northern edge of their range	DrNishithDharaiya	International Bear Research and Management Association, USA	250000	1-Aug-12	31-Jul-13

### Ongoing

Title	Name of PI	Funding Agency	Amount mobilized	Starting Date	Ending Date
Restoration of endangered plants around Narmada Canal in North Gujarat through ex situ conservation: Saraswati Van	Dr. NishithDharaiya	SardarSarovar Narmada Nigam Ltd	1350000	19-May-11	19-May-15
Saline desert Metagenomics exploration for Commercially valuable enzyme	Dr. Rajesh Patel	Gujarat State Biotechnology Mission, Gandhinagar	1213480	25-Mar-11	24-Mar-14
Multi institutional HRD project BitVirtual (Virtual Institute of Bioinformatics) for M. Phil in Bioinformatics	Dr. Rajesh Patel	GSBTM		10-Aug-08	



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Identification and Characterization of Enteric Bacteria in Wild Bird Species	Dr. Sanjay Dave	GUJARAT STATE BIOTECHNOLOGY MISSION (GSBTM), GANDHINAGAR	1057300	25-Mar-11	25-Mar-14
Violation of Women Rights in Patan District	Mr. MitulDeliya	Indian Council of Social Science Research (ICSSR), New Delhi	508475	29-Mar-12	29-Mar-15
Sonochemical and Photochemical Degradation of Dyes	Prof. Sangita Sharma	GUJCOST	511000	9-Nov-11	9-Nov-13

### Completed

Title	Name of PI	Funding Agency	Amount mobilized	Starting Date	Ending Date
Centre for Indian Diaspora and Cultural Studies	Prof. Adesh pal	UGC	1000000	1-Apr-12	31-Mar-13



## Appendix VII: Minor Research project

### Sanctioned

Title	Name of PI	Funding Agency	Amount mobilized	Starting Date	Ending Date
Data mining from Sanskrit literature and its relevance with current scientific information for metal technology	Dr. Dilip C. Patel	UGC, New Delhi	85000	1-Jul-12	1-Jan-14
Empowering investors by demystifying performance measurement communications: A study on investors of North Gujarat	Dr. AshwinModi	HNGU, Patan	90000	1-Mar-13	1-Feb-14
Impact of Direct to Home Services on Television viewing habits of rural consumers: Implications for DTH and other potential industries -A comprehensive Study of Rural area of North Gujarat	Kavitatrivedi	UGC	121000	1-Jul-12	1-Jan-14
Economical position of Retires (Senior Citizen) with special Emphasis on saving, Consumption and Investment Decisions : A study report for North Gujarat region	Ms. RiddhiGopalkumarAgrawal	UGC	125000	1-Jul-12	1-Jan-14
Women's Empowerment : A study of SakhiMandalYojana (SMY) & Its Impact on Women of Rural Area of Patan District	Mr. Nishith Bhatt	UGC, New Delhi	130000	1-Jul-12	1-Jan-14
Elderly in the Rural areas of north Gujarat: Role, status, Life conditions, problems, solutions	Dr. Gargiben N. Raval	UGC	143000	1-Jul-12	1-Jan-14
Evaluation and Pharmacological Study of few herbs and plants used in Indian system in medicine	Dr. K. A. Parmar	UGC F No: 41-1318/2012 (SR)[2011-12]	155000	1-Jul-12	1-Jul-14
Study of soil enzymes involved in nitrogen transformation in semi-arid soils.	Dr. Shreyas A. Bhatt	UGC	197500	1-Jul-12	1-Jul-14

### Ongoing

Title	Name of PI	Funding Agency	Amount mobilized	Starting Date	Ending Date
<b>A Comparative study of impact of TV commercials on Rural-Urban Girls of Gujarat</b>	Dr. ManojLodha	University Grants Commission, New Delhi	100000	16-Feb-12	16-Aug-13



**Appendix VIII: Research Publication**

No.	Title of Research Paper	Name of Faculty	Journal name	ISSN No	Volume No (Issue)	Page No	Impact Factor	Type	Level of Research Article
1	<a href="#">A Survey of Day of the Month Effect in World Stock Markets</a>	Dr. Ashwin Modi	International Journal of Management (IJM)	ISSN 0976-6502	Volume 4	221-234	6.91	A	International
2	<a href="#">A Study of Indian Banks with Reference to Service Quality Attributes and Customer Satisfaction</a>	Dr. Ashwin Modi	International Journal of Research in Computer Application and Management, [IJRCM]	ISSN 2231-1009	Volume 2, Issue. 5	103-107	5.09	A	International
3	<a href="#">A dechlorination pathway for synthesis of horn shaped carbon nanotubes and its adsorption properties for CO<sub>2</sub>, CH<sub>4</sub>, CO and N<sub>2</sub></a>	Dr. Sangeeta S Sharma	Journal of Hazardous Materials	0304-3894	227-228	317-326	3.93	A	International
4	<a href="#">PERFORMANCE OF THE INDIAN MUTUAL FUND INDUSTRY: IMPERICAL STUDY OF DIVERSIFIED EQUITY SCHEMES</a>	Mr. Bharat D Prajapati	RJSSM	ISSN : 2251-1571	Vol 2 (11)	124-128	3.45	A	International
5	<a href="#">2-(5-Chlorobenzol[d]thiazol-2-ylimino) thiazolidin-4-one derivatives as an antimicrobial agent</a>	Dr. Sangeeta S Sharma	Arabian journal of Chemistry	1878-5352			2.27	A	International
6	<a href="#">Effectiveness of Constructivist 5 'E' Model</a>	TandelSu dhirkumarHaribhai	Research Expo International Multidisciplinary Reseach Journal	2250-1630	Volume - II , Issue - II June - 2012	76-82	2.24	A	International
7	<a href="#">Acceptance of Internet Banking among Retail Customers; Survey Evidence from Ahmedabad Region</a>	Dr. Ashwin Modi	The IUP Journal of Bank Management (IJBM)	ISSN 0972-6918	Volume XII, Number 1	63-71	2.01	A	International
8	<a href="#">HPLC method development and validation for simultaneous estimation of Montelukast sodium and Levocetrizinedihydrochloride in pharmaceutical dosage forms</a>	Dr. Shirish Patel	International Journal of Pharmacy and Pharmaceutical Sciences	0975-1491	4(2)	241-243	1.59	A	International
9	<a href="#">Synthesis and antimicrobial evaluation of some novel 2-(4-chlorophenylimino) thiazolidin-4-one</a>	Dr. Sangeeta S Sharma	Journal of the Korean Chemical Society	1017-2548	56	341-347	1.4	A	International



derivatives

10	<a href="#">Classical and microwave assisted synthesis of new 4-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-ylazo)-N-(2-substituted-4-oxo-4H-quinazolin-3-yl)benzenesulfonamide derivatives and their antimicrobial activities</a>	Dr. Rajesh Patel	Journal of Saudi Chemical Society	319-6103			1.29	A	International
11	<a href="#">Classical and microwave assisted synthesis of new 4-(3,5-dimethyl-1-phenyl-1H-pyrazol-4-ylazo)-N-(2-substituted-4-oxo-4H-quinazolin-3-yl)benzenesulfonamide derivatives and their antimicrobial activities</a>	Dr. Rajesh Patel	Journal of Saudi Chemical Society	319-6103			1.29	A	International
12	<a href="#">Biochemical and molecular determinance of resistance and susceptibility in <i>Solanum tuberosum</i> (potato) plants challenged with Phytophthora infestans.</a>	Dr. Himansh Baraiya	Archives of Phytopathology and Plant protection	1477-2906	45 (12)	1429 - 1438	1.09	A	International
13	<a href="#">Development and validation of a stability-indicating RP-HPTLC method for analysis of antiasthamatic drugs</a>	Dr. Shirish Patel	International journal for Pharmaceutical Research Scholars	2277-7873	1(2)	16-Aug	1.03	A	International
14	<a href="#">Temperature and pH Triggered insitu hydrogel of Doxycycline for the treatment of Chlamydial conjunctivitis</a>	Dharaben B. Patel	International Journal for Pharmaceutical Research Scholars	2277-7873	1(2)	7-Jan	1.03	A	International
15	<a href="#">Awarness of Micro Insurance Product in Patan District</a>	Mr. DeliyaMitul	Abhinav	2277-1166	1	16-35	0.97	A	International
16	<a href="#">Consumer Behavior towards the new packaging of FMCG Products</a>	Mr. DeliyaMitul	Abhinav	2277-1166	1	199-211	0.97	A	International
17	<a href="#">Impact of Inflation on Capital Budgeting Decision</a>	Mr. DeliyaMitul	Abhinav	2277-1166	1	36-43	0.97	A	National
18	<a href="#">Biochemical and genetic identification of solvent tolerant novel <i>Bacillus subtilis</i> Pa2.</a>	Dr. Shreyash A Bhatt	Journal Biochem Technology				0.94	A	International



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19	<a href="#">Factors influencing adoption of online banking among customers, an empirical study with special reference to Gujarat state.</a>	Dr. B A Prajapati	Asian Journal of Research in Banking & Finance	2249-7323	3 (12)		0.88	A	International
20	<a href="#">Derivative spectrophotometric method for simultaneous determination of Ondansetron and Rabeprazole in combined dosage form</a>	Dr. Shirish Patel	Asian Journal of Pharmaceutical and Clinical Research	0974-2441	5(2)	15-17	0.7	A	International
21	<a href="#">DEGRADATION OF ORGANOPHOSPHATE AND ORGA-NOCHLORINE PESTICIDES IN LIQUID CULTURE BY MARINE ISOLATE Nocardiopsis SPECIES AND ITS BIOPROSPECTIVES</a>	Dr. Shreyas A Bhatt	Journal of Environmental Research And Development	2319-5983	7(2A)	995-1001	0.61	A	International
22	<a href="#">Satellite remote sensing for climate change for terrestrial biosphere.</a>	Dr. NishithD haraiya	ISG Newsletter	0792-642x	Vol 25 (1)	134-141	0.42	B	International
23	<a href="#">Private label opportunity analysis across product categories in Indian organised retail sector.</a>	Dr. Nishith Bhatt	Asian Journal of Research in Business Economics and Management	2249-7307	2 (9)	133-146	0.38	A	International
24	<a href="#">Analyzing Symbiotic Marketing Models and Strategies in customer consumption value chain</a>	Mr. TrivediJa ykumar Y	International Journal of Scientific Research	2277-8179	2 (12)	56-59	0.33	A	International
25	<a href="#">To Study the working conditions Level in Rajasthan Healthcare</a>	Dr. Ashwin Modi	International Journal of Scientific Research [IJSR]	ISSN 2277-8179	Volume 1, Issue 1	49-51	0.33	A	International
26	<a href="#">A Critical Analysis of the Merit Scheme of AdyapakSahayak(Substitute Teacher Educator)</a>	Dr. J. K. Joshi	Paripex-Indian Journal of Research	2250-1991	1 (1)	42-44	0.32	A	National
27	<a href="#">Complex Relation Between Metacognition and Cognition</a>	TandelSu dhirkumarHaribhai	PARIPEX - INDIAN JOURNAL OF RESEARCH	2250-1991	Volume : 1   Issue : 10	44-45	0.32	A	International
28	<a href="#">Socio Cultural issues in marketing</a>	TrivediK avita A	Global research analysis	2277-8160	1(1)	66-67	0.27	A	International
29	<a href="#">Credit Life Insurance for Home loan Customers in India</a>	Dr. Ashwin Modi	Credit Life Insurance for Home loan Customers in India	ISSN 2230-7830	Volume 2, Issue 11		0.21	A	International
30	<a href="#">Preliminary phyto-chemical, pharmacognostical and microbial screening of Achyranthesaspera</a>	Dr. Kokila A Parmar	Journal of Natural Prod. Plant Resour					B	International



(Amaranthaceae)

31	<a href="#">A chronological study of India culture</a>	Dr. Roshan V Agrawal	CONTEMPORARY RESARCH IN INDIA (ISSN 0976-5964)			131		A	National
32	<a href="#">A comparative analysis of data mining tools for performance mapping of WLAN data</a>	Dr. A R Patel	international journaofcomputer engineering and technology	0976-6375 online	4 (12)	241-251		A	International
33	<a href="#">A PRAGMATIC STUDY OF CONSUMER PREFERABLY ON MOBILE BANKING IN GUJARAT</a>	Mr. NimeshB hojak	AJRBEM	2249-7307	2	317-326		B	International
34	<a href="#">A study of effect of Yoga and Running program on physiological components among selected student</a>	V. R. Chaudhary	Research Journal of Social and Life Sciences	0973-3914	XII-I	331-334		A	International
35	<a href="#">A study of Library Information in the University website in the gujarat state</a>	Dr. Nileshkumar A Patel	Research Analysis and Evaluation	0975-3486				A	National
36	<a href="#">A Study of Library Information in the University Website in the Gujarat State</a>	Dr. Nileshkumar A Patel	Research Analysis and Evaluation	0975-3486	Vol IV issue 40	52		A	International
37	<a href="#">A Transaction pattern generation tool (TPGT) for Prediction of Online Financial Transaction</a>	Dr. A R Patel	Journal of Computer Technology & Applications., STM Journals	2294-6964	3			A	International
38	<a href="#">An analytic and parametric study and comparision of Software Cost Estimation Models</a>	Dr. A R Patel	International Journal of Advanced Research in Computer Science and Software Engineering	2277-3061	3(1)			A	International
39	<a href="#">Analysis of Network Security and Design of Proactive Network Surveillance Framework</a>	Bhavesh M Patel	In Process					C	National
40	<a href="#">Analytical methodologies for determination of Telmisartan: An Overview</a>	Dr. Nilam K. Patel	International Journal of Pharmacy and Pharmaceutical Sciences		5(1)	17-22		A	International
41	<a href="#">Analyzing sustainability and effectiveness of SHGs: A case study of ahmedabad district.</a>	Dr. B A Prajapati	ANARTA	2229-4376	14 (1)	147-154		A	National
42	<a href="#">Assessment of wetland status in arid areas of Gujarat using migratory birds as a key indicator</a>	Dr. NishithD haraiya	Proceedings of International Wetland Symposium			36-41		C	International



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43	<a href="#">Best HR Practices</a>	TrivediK avita A	Paripex - The Journal of all Subjects	2250- 1991			A	National
44	<a href="#">Biodiversity of economically important trees of Patan district (North Gujarat)</a>	Dr. Illa C Patel	Life Sciences Leaflets	2277- 4297		89	A	International
45	<a href="#">Characterization and phylogenetic relatedness of Azotobactersalinestrus</a>	Dr. Shreyas A Bhatt	Journal of Microbiology and Biotechnology research	2231- 3168	3(1)	65- 70	A	International
46	<a href="#">Characterization and phylogenetic relatedness of Azotobactersalinestrus</a>	Dr. Shreyas A Bhatt	Journal of Microbiology and Biotechnology Research	2231- 3168			A	International
47	<a href="#">Child Labour in India</a>	Dr. Roshan V Agrawal	DISCOURSE ANALYSIS An InternationaRefer eede Journal	2231 - 4466	3(1)	19	A	International
48	<a href="#">Cleaning Validation &amp; Development of Ranitidine by Using Total organic Carbon</a>	Dr. Nilam K. Patel	Invent Rapid : Pharm Analysis & Quality Assurance			3	A	International
49	<a href="#">College Teachers Awareness regarding CBCS</a>	TandelSu dhirkuma rHaribhai	INTERNATION AL JOURNAL OF EDUCATION FOR HUMAN SERVICES	0976- 1128	VOL.3, NO .1,	109- 114	A	International
50	<a href="#">Commercial exploitation, economic development and intellectual property rights</a>	Mr. DeliyaMi tul	International Journal of Research in Engineering, IT and Social Sciences	2250- 0588	2 (11)	363- 368	A	International
51	<a href="#">Comparative study of body composition, flexibility and muscular endurance between kabaddi and kho-kho player</a>	Dr. V. G. Chaudhar y	International journal of health, physical education and computer science in sports	2231- 3265	7		A	International
52	<a href="#">Complexation behavior and thermodynamic parametric study of Lanthanone(III) ions with n,n-dimethylbiguanide</a>	Dr. Sangeeta S Sharma	Der ChemicaSinica	0976 – 8505	3	561- 568	A	International
53	<a href="#">component of fingerprint biometric system</a>	Dr. A R Patel	international journal of research & technology	2278- 0181	1 (3)		A	International





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54	<a href="#">Corporate Governance: The Concept –To Meet With</a>	Dr. Nisha Patel	CONTEMPORARY RESEARCH IN INDIA (ISSN 2231-2137): VOL 3 ISSUE:2 A Peer – Reviewed Multi-Disciplinary International Journal	2231-3137	vo -3, issue -2	158	A	International
55	<a href="#">Created Spokes – Character Credibility's Impact on Attitudes towards the Advertisement, Brand and Purchase Intentions</a>	Dr. Nishith Bhatt	International Journal of Business Insight and Transformation	0974-5874	5 (2)		A	International
56	<a href="#">Design and construction of power supply for embedded system</a>	Dr. Darshan G Vyas	asian Journal of Science and Applied Technology	2249-0698	1(2)		B	International
57	<a href="#">Development &amp; Validation of Dual Wavelength Method for Simultaneous Estimation of Esomeprazole &amp;Levosulpiride in Combined Capule Dosage Form</a>	Dr. Nilam K. Patel	International Journal of Pharmaceutical Research & Bio Science		2(2)	219-30	A	International
58	<a href="#">Development &amp; Validation of first order derivative Spectro Photometric method for Simultaneous estimation of Fluticasone Propionate &amp;Azelastine Hydrochloride in Nasal Spray prepration</a>	Dr. Nilam K. Patel	Inventi Impact : Pharm Analysis & Quality Assurance		3		A	International
59	<a href="#">Development &amp; Validation of ratio Derivative SpectroPhotometric Method for Simultaneous Estimation of Pantoprazole &amp;Levosulpiride in Combind Dosage</a>	Dr. Nilam K. Patel	Inventi Rapid: Pharm Analysis & Quality Assurance		3		A	International
60	<a href="#">Development of UV Spectrophotometric Method for Area Under Curve of Lignocaine &amp;Propofol in Pharmaceutical Combined Dosage form (Simultaneous Equation Method)</a>	Dr. Nilam K. Patel	Inventi Rapid: Pharm Analysis & Quality Assurance		3		A	International
61	<a href="#">Dishonor of Cheque</a>	Dr. R M Patel	Saurashtra Law Journal	2277-6044	2		A	National



62	<a href="#">Effect of Internet Based Banking Services on Service Quality of Indian Banks: An Empirical Investigation</a>	Dr. Ashwin Modi	Asian Journal of Research in Banking and Finance [AJRBF]	ISSN 2249-7323	Volume Number 2, Issue 9	41-58	A	International
63	<a href="#">Effect of physical Training on Selected Physiological variables of Intellectually Challenged Children</a>	Mr. Deliya Mitul	International Journal of Research in Engineering, IT and Social Sciences	2250-0588	2	57-61	A	International
64	<a href="#">Effect of Suryanamaskar on anxiety level of physical education Students</a>	Dr. V. H. Upadhyay	HESMA	2319-5959			A	National
65	<a href="#">Effect of Yoga and long running training programme on physical fitness among selected students</a>	Dr. V. G. Chaudhary	International journal of physical education	0974-2638	5		A	International
66	<a href="#">Efficient synthesis and evaluation some new stirazine derivatives and their microbial screening.</a>	Dr. Kokila A Parmar	Journal of Chemical Biological and Physical Sciences,				B	International
67	<a href="#">Enumeration, isolation and Identification of free livings Diazotrophs from different soils of North Gujarat region, India.</a>	Dr. Shreyash A Bhatt	NA				A	International
68	<a href="#">Environmental Clearance: Daunting Challenge &amp; Mystifying Signal To Stakeholders Of India</a>	Mr. Trivedi Jaykumar Y	International Journal Of Social Science & Interdisciplinary Research, (IJSSIR)	ISSN 2277 3630	1	156	A	International
69	<a href="#">Environmental Clearance: Daunting Challenge &amp; Mystifying Signal To Stakeholders Of India</a>	Dr. Ashwin Modi	International Journal Of Social Science & Interdisciplinary Research, (IJSSIR)	ISSN 2277-3630	Volume 1, Number 4	156-164	A	International
70	<a href="#">ESTIMATING CARBON SEQUESTRATION IN FOREST VEGETATION THROUGH SEVERAL SCIENTIFIC METHODS: A REVIEW TO FIND COMPETENT METHOD FOR INDIAN FORESTS</a>	Dr. Nishith Dharaiya	Abhinav Journal of Science and Technology	2277-1174	2(3)	31-36	A	International
71	<a href="#">Exploratory Data Model for Effective WLAN Anomaly Detection based on feature construction and reduction</a>	Dr. A R Patel	International Journal of Computer Applications IJCA	973-93-80869-55-7			A	International
72	<a href="#">Feeding ecology and Habitat Use of Sloth Bear (Melursus ursinus) in Jassore Wildlife Sanctuary, Gujarat, India</a>	Dr. Nishith Dharaiya	Indian Journal of Ecology		40(1)	14-18	A	International



73	<a href="#">Fictitious Human v/s Non – Human Created Animated Spokes – characters Endorsement: An Empirical Examination of Source Credibility and Respondent’s Age</a>	Dr. Nishith Bhatt	Journal of Marketing and Communication	0973-2330	8 (2)		A	International
74	<a href="#">Fluoride and fluorosis in contax to gujarat state of india: a review</a>	Dr. Sangeeta S Sharma	Research Journal of Pharmaceutical, Biological and Chemical Science	0975-8585	3	85-94	A	International
75	<a href="#">Fluoride and fluorosis in context to Gujarat State of India : A review</a>	Webmaster 2	Research Journal of Pharmaceutical, Biological and Chemical Science	0975-8585	3	85-94	A	International
76	<a href="#">Forecasting of Indian stock market index S&amp;P CNX NIFTY 50 using artificial neural network</a>	Dr. B A Prajapati	ANARTA	2229-4376	14 (1)	13-Jan	A	International
77	<a href="#">Forest Management Systems and Community-Based Forestry: A Case of Sabarkantha (South) Forest Division of Gujarat state</a>	Dr. Ashwin Modi	Social Science Research Network (SSRN)	Working Paper Series	Online		A	International
78	<a href="#">Hemchandrachayra nu koshasahitya</a>	Smt. Sumanbe A Thakker	HAIM-PRAPA	2250-3064 -			A	State
79	<a href="#">Hindu woman's Property Rights : A Gender Justice Perspective</a>	Dr. Smita B Vyas	Journal of Indian Legal System Saurashtra University	2277-4254			A	International
80	<a href="#">Human Rights Of the Child: The Indian Perspective</a>	Dr. Smita B Vyas	Saurashtra Uni. Law Journal	2277-6044			A	National
81	<a href="#">Human Rights of women and Child Labor</a>	Dr. Smita B Vyas	Souvenir Patel College Modasa	978-81-925717-0-6			A	National
82	<a href="#">Identification of hairs of some.....Gir PA</a>	Dr. NishithD haraiya	J Threatened Taxa	0974-7907			A	International
83	<a href="#">Impact of 6th pay in the hands of employees with effect to the inflation</a>	Agrawal Riddhiben G	IES International Finance conference Journal	0974-5467			A	International
84	<a href="#">Impact of organized retailers on Unorganized retailers</a>	Mr. DeliyaMitul	International Journal of Research in Management, Economics & Commerce	2250-057X	2	64-83	A	International



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85	<a href="#">Impact of service quality on customer loyalty in private and public sector banks</a>	Ms. JyotiGan chi	Protsahan	2321-869X			A	International
86	<a href="#">in silico study of novel Dihydropyrimidines against Anti Cancer, Anti Tuberculosis, Anti HIV and Anti Malarial activity.</a>	Dr. Rajesh Patel	Journal of Scientific & Engineering Research	2229-5518	4(3)	18	A	International
87	<a href="#">Kalidasakikrutiyo me managadhikar</a>	Dr. Devsinh B Rathva	Anart	2229-4376		82-87	B	National
88	<a href="#">Mafat and FarajiyatSikshan no Hakk</a>	Dr. R M Patel	Yojana	0971-8397			A	National
89	<a href="#">ManavmatraAdarpatra (Gujarati)</a>	Dr. Roshan V Agrawal	Abhidrashti magazine	0971 - 6629	63	31	B	State
90	<a href="#">Mass Media : The Rapidly Expanding Service</a>	Dr. R M Patel	Udgam - A Research Journal	2230-7478			A	National
91	<a href="#">Mathematics in Literature and Music: Reflections of Hemchandracharya</a>	DR. Rupesh Patel	HAIM-PRAPA	2250-3064	Vol.4		A	National
92	<a href="#">Media Exposure among the Tribals of South Rajasthan</a>		Rajasthan Journal of Sociology	2249-9334	Vol. 4	55-62	A	National
93	<a href="#">Menace of Ragging: A View of Stake Holders</a>	TandelSu dhirkumarHaribhai	Recent Thought	ISSN : 2278 – 4608	Vol : 1 (2)	20 to 25	A	International
94	<a href="#">Meta-Analysis of Effectiveness of Computer Aided Instruction Method</a>	TandelSu dhirkumarHaribhai	Quest -Journal of ASC-Nainital	0974-5041	Volume : 6, Issue : 3	479-488	A	International
95	<a href="#">Micropropagation of medicinally important climber Tylophoraindica(Merill.) for future demand.</a>	Dr. Ila C Patel	Life Sciences Leaflets	2277-4297		311	A	National
96	<a href="#">Missing lines in employment – some policy issues</a>	Dr. Roshan V Agrawal	CONTEMPORARY RESARCH IN INDIA (ISSN 2231-2137): VOL 2 ISSUE:4	2231-2137	2(4)	101	A	International
97	<a href="#">Modeling Environmental Niche of Himalayan Birch and Remote Sensing based Vicarious Validation</a>	Dr. NishithD haraiya	Tropical Ecology	0564-3295	54 (3)	319-327	A	International



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98	<a href="#">MulyaNishthSamajAneS hikshan (Gujarati)</a>	Dr. Roshan V Agrawal	Abhidrashti magazine	0971 - 6629	64	25	C	State
99	<a href="#">Negative impact of advertisement on women with specific focus on FMCG Products - Patan District</a>	Mr. DeliyaMi tul	Global Journal of Management and Business Research	2249- 4588, 0975- 5853 (Print)	12		A	International
100	<a href="#">Non-Timber Forest Products in Sustainable Forest Management</a>	Mr. TrivediJa ykumar Y	Science Res earch Network (SSRN),				A	International
101	<a href="#">Non-Timber Forest Products in Sustainable Forest Management</a>	Dr. Ashwin Modi	Social Science Research Network (SSRN)	Worki ng Paper Series	Online Journal		A	International
102	<a href="#">North Gujarat University</a>	DR. Rupesh Patel	AdityaKiran	0974- 4657	Vol.2; No.4		B	National
103	<a href="#">Performance improvement by classification approach for fingerprint identification system</a>	Dr. A R Patel	international journa of recent technology and engineering	2277- 3878	2(2)		A	International
104	<a href="#">Phenols and peroxidase isozymes act as biochemical markers for resistance against late blight of potato</a>	Dr. Himansh Baraiya	International Journal of Biology, Pharmacy and allied science	2277- 4998			A	International
105	<a href="#">Position of Child Labour in Unorganised Sector</a>	Dr. Smita B Vyas	Udgam - A Research Journal	2230- 7478			A	National
106	<a href="#">Preliminary phyto- chemical, pharmacognostical and microbial screening of Achyranthesaspera (Amaranthaceae)</a>	Dr. Kokila A Parmar	Journal of Natural Prod. And Plant Resour.				A	National
107	<a href="#">Process of Web Usage Mining to find Interesting Patterns from Web Usage Data</a>	Dr. A R Patel	International Journal of Computers and Technology	2277- 3061	3(1)		A	International
108	<a href="#">Protecation Laws for Working Women</a>	Dr. Roshan V Agrawal	Platinum A Peer Reviewed National Multidisciplinary Journal	2231 - 0096	3(3)	13	A	International
109	<a href="#">Public Healthcare Delivery System: Contemporary HR Policies and Success</a>	Dr. Ashwin Modi	Pacific Business Review International	ISSN 0974- 438X	Volume 5, Issue 5	101- 108	A	International
110	<a href="#">Public Healthcare Delivery System: Contemporary HR Policies and Success</a>	Dr. Bhupinde rChaudha ry	Pacific Business Review International	0974- 438X			A	International
111	<a href="#">Real Time Clock</a>	Dr. Darshan G Vyas	Electronics for You	0013- 516X	44	102- 106	A	International



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112	<a href="#">Reasons after the war of going Green - Green Marketing</a>	TrivediKavita A	Indian Journal of Applied Research	2249-555X			A	International	
113	<a href="#">Relationship between physical activity, health and fitness</a>	Dr. V. G. Chaudhary	Ramat-Jagat	2250-1428	6		A	National	
114	<a href="#">RETAILING IN INDIA AN ANALYTICAL VIEW OF THE SUNRISE INDUSTRY</a>	Dr. K L Rathod	PARIPEX	10			B	National	
115	<a href="#">Rights of Victims in the Indian Criminal Justice System</a>	Dr. H. K. Patel	Udgam A Research Journal	ISSN-2230-7478	4	35	B	National	
116	<a href="#">Role of Ashram School in Tribal Education</a>	Dr. Roshan V Agrawal	Platinum A perr Reviewed National multidisciplinary journal	2231 - 0096	3 (2)	7	A	National	
117	<a href="#">Role of Packaging on Consumer Buying Behavior - Patan District</a>	Mr. DeliyaMitul	Global Journal of Management and Business Research	2249-4588, 0975-5853 (Print)	12		A	International	
118	<a href="#">Samacharpatra Mai Space Selling</a>		GyanVimarsh	97548 49		July 2010 (published in October-2012) Vol. 4	74-80	A	National
119	<a href="#">Service quality measurement for retailing: benefits, needs, and implication.</a>	Dr. Nishith Bhatt	South Asian Journal of Marketing and Management Research	2249-877X	10 (10)		A	International	
120	<a href="#">Simultaneous Determination of Montelukast Sodium &amp; Olopatadine Hydrochloride by Ultraviolet Spectrophotometry (Dual Wavelength Method)</a>	Dr. Nilam K. Patel	Inventi Rapid: Pharm Analysis & Quality Assurance		3		A	International	
121	<a href="#">Social Culture of india</a>	Dr. Nisha Patel	Reseach spectrum (A Peer – Reviewed National publication)	0976-5964	4 (1)	126	A	International	
122	<a href="#">Social Media : Educational Tool</a>	Dr. Nisha Patel	DISCOURSE ANALYSIS An International Referreed Journal8	2231 - 4466	3(1)	27	A	International	
123	<a href="#">Sthita-Pragna Personality</a>	Dr. Shakuntala Patel	Sthita-Pragna Personality	2229-3395			A	National	
124	<a href="#">StitaPragna Personality</a>	Dr. J. K. Joshi	Prakalp	2249-3395			A	National	



125	<a href="#">Study and Analysis of Multimedia transmission over Ad hoc Network</a>	ModiJay eshkumar Natwarla 1	IMPACT : IJRET)		1	10	A	International
126	<a href="#">Study of fiberless simplex visual light communication</a>	Dr. Darshan G Vyas	Journal of Laboratory Experiments	ISSN 0972- 6055	12	163- 168	B	International
127	<a href="#">Synthesis and Antimicrobial Evaluation of some new Benzimidazole incorporated Chalcone derivatives</a>	Prof. J JVora	International Journal of Chemtech Applications	2319- 7099	2(1)	123- 128	A	International
128	<a href="#">Synthesis, Antibacterial, Antifungal and Anti-Tuberculosis Activities of some new 2-(5-Methylbenzo(D)Thiazol-2-Ylimino) Thiazolidin-4-one based Heterocycles</a>	Dr. Sangeeta S Sharma	Instasci. J. Of Chemistry			33- 42	A	International
129	<a href="#">Synthesis, characterization and antibacterial activity of 2-(4-methyl,7-hydroxycoumarine)-4-(cyclohexyl amino) -6-(arylamino)-s-triazine</a>	Dr. Kokila A Parmar	Der Pharmacia Letter,				A	International
130	<a href="#">Synthesis, Characterization and Antimicrobial Activity of alkaline earth metal complexes</a>	Prof. J JVora	Der ChemicaSinica,		3(2)		A	International
131	<a href="#">Synthesis, characterization and microbial screening of 2-(4-chlorophenyl-1,3,4-oxadizoly)-5-thio-4-(cyclohexylamino)-6-(arylamino)-s-triazine</a>	Dr. Kokila A Parmar	Journal of Chemical, Physical & Biological Sciences, Section A: Chemical Sciences				B	International
132	<a href="#">Synthesis, Structural, Elucidation and antimicrobial screening of S Triazinyl substituted aryl amine derivatives</a>	Dr. Kokila A Parmar	Journal of Chemical Biological and Physical Sciences				A	International
133	<a href="#">Synthesis, Structural, Elucidation and antimicrobial screening of STriazinyl substituted aryl amine derivatives</a>	Dr. Kokila A Parmar	Journal of Chemical Biological and Physical Sciences	2249- 1929			A	International
134	<a href="#">Teaching: as "Disciplined Improvisational Performance"</a>	Dr. J. K. Joshi	Anarta	2229- 4376	13(2)		A	National
135	<a href="#">the relation of selected anthropometric and biomedical variables with athe performance of players in off spin bowling</a>	Dr. V. H. Upadhya y	International Journal of Science Research	2277- 8179			A	International



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136	<a href="#">Tools for Assessing Metacognitive Skills – A Critical Understanding and a meaningful tool</a>	TandelSudhirkumarHaribhai	Aanart- Journal of Hemchandracharya North Gujarat University	2229-4376	Vol. 13(2)		A	National
137	<a href="#">TQM in Higher Education Institution (HEIs)</a>	Dr. Shakuntala Patel	international Journal Reserch in Education	2320 – 091X	2(2)	79	A	International
138	<a href="#">Transmission</a>	ModiJayeshkumar Natwarlal	Impact	1417			A	International
139	<a href="#">Use of E-Resource by Students of Library and Information Sciecn of Hemchandracharya North Gujarat University, Patan, Gujarat</a>	Dr. Nileshkumar A Patel	SodhSamikshaAurMulyankan	0974-2832	Vol IV issue 48	29	A	International
140	<a href="#">Value, Viability and Visibility in higher – An overview</a>	Dr. Nisha Patel	CONTEMPORARY RESEARCH IN INDIA	2231-3138	2 (4)	94	A	International
141	<a href="#">Virtual Screening of Heterobased Ligand library for Protein Kinase Inhibitor for Anti-cancer activity</a>	Dr. Rajesh Patel	International Journal of Pharmacy and Pharmaceutical Sciences	0975-1491	Vol 4, (4)		B	International
142	<a href="#">Volumetric, viscoimetric and ultrasonic studies on binary mixture of oleic acid with alkyl esters at 303.15, 308.15 and 313.15K</a>	Dr. Sangeeta S Sharma	International Journal of Physical Science	1992-1950	7(8)	1205 - 1214	A	International
143	<a href="#">Women and Panchayati Raj</a>	Dr. Nisha Patel	Platinum A perr Reviewed National multidisciplinary journal	2231 - 0096	3 (2)	26	A	National
144	<a href="#">Women empowerment : Issues And challenges</a>	Dr. Nisha Patel	CONTEMPORARY RESEARCH IN INDIA (ISSN 2231-2137): VOL 3 ISSUE:1 A Peer – Reviewed Multi-Disciplinary International Journal	2231-3138	3-(1)	45	A	International





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145	<a href="#">Women Empowerment through Microfinance</a>	Dr. Gargi N Raval	Yojana	0971- 8397			A	National
146	<a href="#">Women in Gujarat – in relation to India – An overveiw</a>	Dr. Roshan V Agrawal	CONTEMPORA RY RESARCH IN INDIA (ISSN 2231-2137): VOL 3 ISSUE:1	2231- 2137	3(1)	160	A	International
147	<a href="#">હેમચન્દ્રાચાર્યનુંસંસ્કૃતકોશ - સાહિત્યમાંઅર્પવ્યોગદાન.</a>	Dr. Devsinh B Rathva	HAIM-PRAPA	2250- 3064	4	38- 49	B	International
148	<a href="#">“A Study on Impact of Organized Retailer on Unorganized Retailer”</a>	Dr. K K Patel	International Journal of Research in Management, Economics and Commerce.	2250- 0575X	2(5)	64	A	International
149	<a href="#">“Impact of Service Quality on Customer Loyalty In Private &amp; Public Sector Banks”</a>	Dr. K K Patel	PROTSAHAN	2321- 869	Sep-13	376	A	National
150	<a href="#">“Innovations in Indian Banking Services: Emerging Trends, Issues &amp; Challenges”</a>	Dr. K K Patel	ANARTA-	2229- 4376	14(1)	69	A	National



## Appendix IX: Conferences and workshop organized by the institution (3.11)

### Conference organized during 2012-13

<u>Title of Event</u>	<u>Date of event</u>	<u>Level of Event</u>	<u>Type of Event</u>	<u>Department</u>
<a href="#">Biotechnology; enviroment agriculture and society</a>	4/1/2012	National	Conference	DEPARTMENT OF BIOTECHNOLOGY
<a href="#">Hospital and Health Management: Emerging Trends Issues and Challanges</a>	11/27/2012	National	Conference	DEPARTMENT OF HOSPITAL MANAGEMENT
<a href="#">ManibhaiVyakhyan Mala</a>	12/26/2012	National	Conference	DEPARTMENT OF SANSKRIT AND BHARTIYA VIDYA
<a href="#">3rd National Conference on Contemporary Developments in Biotech-Bioinformatics Interface-2013</a>	3/3/2013	National	Conference	DEPARTMENT OF LIFE SCIENCES
<a href="#">AIDS awarenss conference</a>	3/18/2013	University	Conference	DEPARTMENT OF EDUCATION

### Workshop organized during 2012-13

<u>Title of Event</u>	<u>Date of event</u>	<u>Level of Event</u>	<u>Type of Event</u>	<u>Department</u>
<a href="#">Milan and Parisanvad,workshop</a>	8/24/2012	University	Workshop	WOMEN CELL
<a href="#">Disaster amangement in Poster compitition,workshop</a>	09/10/2012-09/12/2012	University	Workshop	DEPARTMENT OF SOCIAL WORK (M.S.W)
<a href="#">Elocution contest,workshop</a>	9/13/2012	University	Workshop	DEPARTMENT OF SOCIAL WORK (M.S.W)
<a href="#">Elocution contest,workshop</a>	10/1/2012	University	Workshop	DEPARTMENT OF SOCIAL WORK (M.S.W)
<a href="#">Elocution contest</a>	10/1/2012	University	Workshop	DEPARTMENT OF SOCIAL WORK (M.S.W)
<a href="#">Elocution contest,workshop</a>	10/3/2012	State	Workshop	DEPARTMENT OF LAW
<a href="#">Celbration of Consumer day,Workshop</a>	12/24/2012	University	Workshop	DEPARTMENT OF LAW
<a href="#">Third gender meet with Public representative abuot social adjustment,workshop</a>	1/12/2013	University	Workshop	DEPARTMENT OF SOCIAL WORK (M.S.W)
<a href="#">Yoga talimshibir,Workshop</a>	01/22/2013-01/24/2013	University	Workshop	YOGA CENTRE
<a href="#">Wisdom -2013,workshop</a>	1/30/2013	University	Workshop	B.B.A PROGRAMME
<a href="#">VivekanandChintanShibir,workshop</a>	03/04/2013-03/06/2013	University	Workshop	DEPARTMENT OF EDUCATION
<a href="#">HemchandracaharyaSamaroh</a>	03/15/2013-03/17/2013	National	Workshop	DEPARTMENT OF SANSKRIT AND BHARTIYA VIDYA



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Academic Events

Title of Event	Date of event	Level of Event	Type of Event	Department
<a href="#">TET (B.Ed) Coaching</a>	06/07/2012 - 06/22/2012	College	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">Scholarship to encourage the students of B.Sc and M.Sc.</a>	06/12/2012	University	Academic	
<a href="#">Industrial Tour</a>	07/28/2012	University	Academic	DEPARTMENT OF LAW
<a href="#">Urban design,Seminar</a>	08/17/2012	University	Academic	
<a href="#">WILPH</a>	08/24/2012	University	Academic	DEPARTMENT OF LAW
<a href="#">Ph.D screening committee for science faculty</a>	08/27/2012 - 08/29/2012	University	Academic	DEPARTMENT OF MATHEMATICS
<a href="#">Industrial education tour</a>	08/28/2012	College	Academic	B.B.A PROGRAMME
<a href="#">Establishment of "ગુરુવંદનાગ્રંથસંસ્કૃતવ્યાખ્યાનમાળા"</a>	09/04/2012	University	Academic	
<a href="#">Basic Design and sketches,Seminar</a>	09/08/2012 - 09/09/2012	University	Academic	INSTITUTE OF ARCHITECTURE
<a href="#">Visit to SabarmatiJail at ahamadabad</a>	09/15/2012	College	Academic	DEPARTMENT OF LAW
<a href="#">4th NET Coaching (Life sci, Chemistry, Maths)</a>	09/26/2012 - 09/30/2012	College	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">UGC NET coaching class workshop</a>	09/26/2012 - 09/29/2012	University	Academic	DEPARTMENT OF MATHEMATICS
<a href="#">Lecture on space science by R.J. Pathak</a>	10/10/2012	University	Academic	DEPARTMENT OF PHYSICS
<a href="#">Photography,Seminar</a>	10/12/2012	University	Academic	INSTITUTE OF ARCHITECTURE
<a href="#">Environmental architecture and landscapping,Seminar</a>	10/26/2012 - 10/28/2012	University	Academic	INSTITUTE OF ARCHITECTURE
<a href="#">5th GPSC (Sub Registrar) Coaching</a>	11/03/2012 - 02/02/2013	College	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">Abhimnyu Award</a>	01/12/2013	University	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">Demonstration Programe</a>	01/26/2013 - 05/16/2013	University	Academic	YOGA CENTRE
<a href="#">Abhimanyu Award test</a>	01/26/2013	University	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">Rising on Horizon Seminar</a>	01/30/2013	College	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">challenges opportunities &amp; innovations in pharmaceutical sciences</a>	02/13/2013	National	Academic	DEPARTMENT OF PHARMACY



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<a href="#">National Seminar on Birds and their Conservation</a>	02/16/2013	National	Academic	DEPARTMENT OF LIFE SCIENCES
<a href="#">IAS awarness Program</a>	02/28/2013	College	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
<a href="#">Archiology.Seminar</a>	03/31/2013	University	Academic	INSTITUTE OF ARCHITECTURE
<a href="#">1st UPSC Coaching</a>	04/08/2013 - 05/16/2013	College	Academic	SMT. VIDHYABEN DEEPCHANDBHAI GARDI CHAIR
Students Achievement				
Title of Event	Date of event	Level of Event	Type of Event	Department
<a href="#">Passed NET of Council of Scientific &amp; Industrial Research (CSIR) Junior Research Fellowship</a>	06/30/2012	National	Students Achievement	DEPARTMENT OF SANSKRIT AND BHARTIYA VIDYA
<a href="#">One student got Junior Research Fellowship</a>	08/01/2012	National	Students Achievement	DEPARTMENT OF SANSKRIT AND BHARTIYA VIDYA
<a href="#">Passed SLET Examination</a>	11/06/2012	State	Students Achievement	DEPARTMENT OF PHYSICS
Sports				
Title of Event	Date of event	Level of Event	Type of Event	Department
<a href="#">Basket ball</a>	08/28/2012 - 08/29/2012	College	Sports	DEPARTMENT OF PHYSICAL EDUCATION
<a href="#">Football</a>	09/14/2012	College	Sports	DEPARTMENT OF PHYSICAL EDUCATION
Social Events				
Title of Event	Date of event	Level of Event	Type of Event	Department
<a href="#">Book exhibition</a>	09/27/2012 - 10/05/2012	University	Social	DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
<a href="#">Police tamaroMitra</a>	10/18/2012	University	Social	DEPARTMENT OF SANSKRIT AND BHARTIYA VIDYA
<a href="#">Road Safety</a>	01/02/2013	University	Social	INSTITUTE OF ARCHITECTURE
<a href="#">First Yoga Shibir</a>	02/16/2013 - 03/29/2013	University	Social	YOGA CENTRE
<a href="#">Red Ribbon (Spardha)</a>	02/21/2013	University	Social	DEPARTMENT OF MATHEMATICS
<a href="#">VivekanandChintanshibir</a>	03/04/2013 - 03/06/2013	University	Social	DEPARTMENT OF EDUCATION
<a href="#">woman defence training</a>	03/07/2013	University	Social	DEPARTMENT OF EDUCATION
<a href="#">Mahilself defence training workshop</a>	03/07/2013 - 03/09/2013	University	Social	DEPARTMENT OF LAW



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<a href="#">Prarambhik Yoga Shibir</a>	03/13/2013 - 04/29/2013	University	Social	YOGA CENTRE
<a href="#">Aids Awareness</a>	03/18/2013	University	Social	DEPARTMENT OF EDUCATION
General Events				
Title of Event	Date of event	Level of Event	Type of Event	Department
<a href="#">Kanunishibir</a>	12/13/2012	University	General	DEPARTMENT OF SANSKRIT AND BHARTIYA VIDYA
<a href="#">Law awareness camp</a>	01/08/2013	College	General	DEPARTMENT OF SOCIAL WORK (M.S.W)
<a href="#">Mohallal Patel Bhartiya Sahitya Vyakhyanmala</a>	02/28/2013		General	DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
Cultural Events				
Title of Event	Date of event	Level of Event	Type of Event	Department
<a href="#">28th Inter University Virnarmad South Gujarat University, Surat.</a>	12/21/2012 - 12/25/2012	National	Cultural	
<a href="#">Talent-2013</a>	01/26/2013	College	Cultural	DEPARTMENT OF COMPUTER SCIENCE (MCA PROGRAMME) AND M. SC. (CA & IT)
<a href="#">Sports day</a>	02/26/2013	College	Cultural	DEPARTMENT OF COMPUTER SCIENCE (MCA PROGRAMME) AND M. SC. (CA & IT)



## Appendix X: Best practices (7.3)

### HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY 2012-13 BEST PRACTICES –I

#### 1. Title of the practice: Development of quality Management system as per ISO9001: 2008 standards

#### 2. The context that required the initiation of the practice

NAAC certification process is nationwide accepted quality assurance accreditation process in India. Seven Criteria working as probes or leads for the Peer Team members to capture the micro-level quality parameters. These indicators facilitate the computing of the Key Aspect-wise Grade Points (KA-GPS) and the Criterion-wise Grade Point Averages (CR-GPAs) in order to arrive at the quality status of the institution. To get the best quality development of quality management system is paramount importance. Function of IQAC is basically similar and role of the same is well documented by NAAC but still general function of IQAC and University generally is devoid of proper shape to meet the International standard of quality management system.

#### 3. Objectives of the practice (50 – 60 words)

- To develop institutional Quality Policy
- To develop the quality management system
- To align the ISO 9001: 2008 standard requirement with NAAC quality requirement

#### 4. The Practice (250 – 300 words)

Awareness programmer was kept understanding the ISO 9001: 2008 standards and their relevance to university system for all the staff member of the university. Steering committee was created by which Quality Policy was fabricated. ISO cell was established, Management representative and consultant was appointed. By them University existing system analysis was carried and mapping was done with ISO 9001: 2008 standards. Gap were identified and required modification in system was done. Quality manual was created. Quality objective were defined for university in alignment to the NAAC key point indicator and internal audit followed by external audit was done and fulfilling the requirement University was awarded the ISO 9001: 2008 certificate.

#### 5. Obstacles faced if any and strategies adopted to overcome them

Resistance from the administrative and academic staff in initial phase which was overcome by training and counseling.

#### 6. Impact of the practice

- University system of academic and administration was modified to meet the ISO 9001: 2008 standards. University was awarded ISO 9001: 2008.
- Improvement in the university system from the internal and external audit.
- Effective changes in the admission, exam and public relation process. Development of scientific management information system in university

#### 7. Resources required

- Top management commitment
- ISO 9001: 2008 consultant
- Financial support for process (for our university which was less than Rs 300000 for three years of certification)

#### 8. about the Institution

- **Contact person**
- Registrar/ IQAC Coordinator
- Hemchandracharya North Gujarat University
- Patan 384265
- Gujarat
- India
- Web : [www.ngu.ac.in](http://www.ngu.ac.in)
- E mail : [regi@ngu.ac.in](mailto:regi@ngu.ac.in), [nachngu@gmail.com](mailto:nachngu@gmail.com)



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## HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY 2012-13 BEST PRACTICES –II

**1. Title of the practice: Development of Low cost, effective e governance and e learning system for University with participatory approach.**

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

During the last 25 years of existence Hemchandracharya North Gujarat University (HNGU) have grown from only 42 colleges with 23780 college students to more than 340 colleges and 150 000 students. Along with Increase in number HNGU has also always motivated to quest for quality and excellence.

Recently all the University of India is under the transition from the traditional annual pattern to the semester based Choice Based Credit System (CBCS) which increased the administrative load almost double. HNGU is having only 70 on campus permanent teaching faculty. Besides that HNGU is having the lowest administrative staff Vs student ratio is 1: 1392. To overcome this problem HNGU has **launched** the HNGU Silver e Mission Project. The vision of the Silver e Mission is to e Connect all the stockholders with Fast, Accurate, Secure, Transparent organizational transformation and cost effective mode for teaching learning and governance process. The Silver e Mission was initiated at multiple interphases of University 2 Citizen, University 2 Student, University 2 College, University 2 Teacher and Teacher 2 student. The project funding was from own fund and with participatory approach funding was also raised from the affiliated colleges..

### **3. Objectives of the practice**

- The vision of the Silver e Mission is to e Connect all the stockholders with Fast, Accurate, Secure, Transparent on line mode.
- Develop cost Low cost, effective e governance and e learning system
- To save the paper, energy, money and time
- Compensate the lack of teaching and non-teaching staff

### **6. Impact of the practice**

Silver e Mission increased speed, mobility, transparency of the processes with reduction in cost and environmental friendly manner. Silver e Mission has positively affected the 21 governance and teaching learning process.

#### **Services in College**

1. On line Electro role system
2. On line Admission system
3. On line Enrolment system
4. On line student IDcard/exam ticket generation
5. On line Exam Management system
6. On line College Information Management system
7. On Line teacher Information Management system

#### **Services in University campus**

8. On line Registry
9. Digitization of old exam result data
10. On line feedback management system
11. Intranet based Inventory Management
12. On line Meeting Management system
13. Intranet based Circular Management system
14. Intranet based Biometric attendance

#### **Services for students on campus and off campus**

15. Integrated Virtual learning environment (IVLE)
16. On line journal Management system
17. On line Career counselling portal
18. On line Sodhganga project for Ph. D. thesis submission



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19. Intranet based e book library
20. Video lecture recording studio
21. Intranet based Virtual lab for Bioinformatics, and Drug discovery

The implementation of HNGU Silver e Mission has implemented Organizational transformation not only on campus but to all the affiliated 340 colleges most of them locating in economically and socially backward region.

#### **7. Resources required**

- Computer and Internet facility in university and college
- On campus Intranet facility
- On line web hosting facility and Intranet based web server
- Software developer team
- Open sources like MOODLE, OJS, DRUPAL, CALIBER etc.

#### **8. about the Institution**

##### **Contact person**

Registrar/ IQAC Coordinator

Hemchandracharya North Gujarat University

Patan 384265

Gujarat

India

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