



**GUJARAT UNIVERSITY**

**GUJARAT  
UNIVERSITY  
AHMEDABAD**

**ANNUAL  
QUALITY  
ASSURANCE  
REPORT**

**2013-14**





Gujarat University, Ahmedabad 380 009, Gujarat, INDIA.

**2013-14**

**The Annual Quality Assurance Report (AQAR) of the IQAC**

Part - A

**1. Details of the Institution**

1.1 Name of the Institution	Gujarat University
1.2 Address Line 1	Navrangpura
Address Line 2	Ahmedabad
City/Town	Ahmedabad
State	Gujarat
Pin Code	380 009
Institution e-mail address	<a href="mailto:vcgu2013@gmail.com">vcgu2013@gmail.com</a> <a href="mailto:registrar.gu53@gmail.com">registrar.gu53@gmail.com</a>
Contact Nos.	079 - 26301919 (VC Office) 079 - 26303444 (PVC Office) 079 - 26303762 (Registrar Office)

Name of the Head of the Institution:

Dr. M. N. Patel, Hon'ble Vice Chancellor

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID : **GJUNGN10131**

1.4 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

#### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B++	83.1	2007	31.03.2012
2	2 <sup>nd</sup> Cycle	<b>Applied</b>			
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

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

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

1.8 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 2007 - 2008 Date.07.05.2009

- ii. AQAR 2008 - 2009 Date.11.10.2011
- iii. AQAR 2009 - 2010 Date.19.12.2011
- iv. AQAR 2010 - 2011 Date.10.01.2012
- v. AQAR 2011 - 2012 Date. 17.09.2014
- vi. AQAR 2012 - 2013 Date. 17.09.2014

1.9 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

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

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

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

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

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

- \* Medical
- \* Dental
- \* Para medical
- \* Pharmacy

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

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

State

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*) \*\*\*

GSBTM,  
Gujarat  
CII,  
New Delhi

UGC-COP Programmes\*

✓

\* Such status are given to affiliated colleges

\*\* By GUJCOST

\*\*\* Genetic Diagnostic Centre & Green Nano Technology

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

11

2.2 No. of Administrative/Technical staff

03

2.3 No. of students\*

02

2.4 No. of Management representatives\*

03

2.5 No. of Alumni

05

2.6 No. of any other stakeholder and  
community representatives\*

02

2.7 No. of Employers/ Industrialists\*

02

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

\* As invitees

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

\* Meetings are arranged by respective department

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

If yes, mention the amount

**Note:** No separate financial aid provided by the UGC. University has made necessary arrangement in its annual budget for functioning of IQAC. For Rs.2,00,000.00.

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

**Note :** This was transit period for implementation of CBCS and semester system for UG and PG level. In this context necessary initiatives and focus were given. In subsequent year quality related programmes will be done.

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
<p>Implementation of Self-Appraisal Report &amp; PBAS (CAS) Forms</p> <p>To organise the research students workshop to enable research scholars Ph. D. Course work on Research Methodology</p> <p>Preparing the LOI, AQAR &amp; SSR</p>	<p>Successful implementation of Self-Appraisal Report</p> <p>The draft prepared for PBAS (CAS) and Self-Appraisal Report were circulated to the committee members for their critical look / comments / suggestions for finalising the format to initiate the CAS activity by the University, which is then approved by the committee.</p> <p>The main group for workshops suggested are :</p> <ol style="list-style-type: none"> <li>1. Chemical Science - Physical Science - Forensic Science</li> <li>2. Biological Science - Life Science - Environmental Science</li> <li>3. Computer Science - Mathematical Science - Statistics</li> <li>4. Languages</li> <li>5. Social Sciences &amp; Law</li> <li>6. Management</li> </ol> <p>Work on the same is in progress.</p>

\* Attach the Academic Calendar of the year as Annexure.

#### Academic Calendar attached

2.16 Whether the A-QAR was placed in statutory body

Yes  No

Management

Syndicate

Any other body

Provide the details of the action taken

*Relevant issues are discussed in IQAC and suggestions of members are incorporated for future action plans.*

## 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.				
PG				
UG				
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others & M.Phil				
<b>Total</b>				
Interdisciplinary				
Innovative				

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

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

Pattern	Number of programmes
Semester	In all faculties in all programmes Excluding Medical Faculty
Trimester	-----
Annual	For Medical Faculty To complete backlog in annual system of all other faculties are allowed up to 2015

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

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

*Most of the feedback is informal due to varied nature of departments. No formal analysis was possible.*

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

Yes as per the needs of CBCS and Semester Systems.



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

No

## Criterion - II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	205	88	76	35	6

2.2 No. of permanent faculty with Ph.D. 111

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
	62	26	32	44	08	27	04	02	106	99

2.4 No. of Guest and Visiting faculty and Temporary faculty 278 NIL

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended			
Presented papers			
Resource Persons			

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

Strengthen CBCS and Semester system.

Modification of pattern of internal and external examinations.

For continuous evaluation provisions are made for internal exam, Seminar presentation by the students, Assignment preparation and other modes such as quiz, news item analysis, report writing etc... Each component has been allotted specific proportion in internal evaluation.

Project preparation is also one of the important components of evaluation. In some of the programmes, depending upon the specific needs other variants such as workshop, field work, live performance etc... have replaced theory and practical courses.

As suggested by the UGC, selection of M. Phil and Ph. D scholars is being done through a vigorous process of written test, personal interview and presentation before RDC are included. All research students are required to undergo course work.

Digitization and automation of library is almost completed.

All academic and administrative buildings are connected with internet facilities.

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

180

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

Bar Coding, MCQ, double evaluation and verification on request.

Question papers are distributed to far off remote areas. The distribution security is maintained by electronically locking the cases and the opening codes are telephonically communicated. The process of flying squad is in existence.

In most of the programmes central evaluation system is functioning.

In case of any grievance pertaining to evaluation of external examination, rechecking and reassessment facility is made available to the students. If complaint of student is found to be correct, charged fees are refunded to the student.

If any sort of mistake or irregularity is found, on part of the examiner, he/she is held responsible for respective mistake/irregularity.

Almost all programmes of UG and PG in each course, have 4 units. From each unit questions are to be asked. Question No.5 is based on multiple choice questions/short questions from all the units.

In some courses answer book is not evaluated by one examiner. Each question is evaluated by separate examiner.

All affiliated colleges are allotted external examination centres. Special observers are appointed by the university to visit these different centres to undertake review of examination. Any unfair practice, if any, by the centre or students, is brought to the notice of university.

In case of unfair practices done by the students during examination, their cases are submitted to the special cell of University, for the necessary actions. Case to case evaluation is done by the committee and under prescribe norms of the university punishment is given to the students. There are specific guidelines to decide the nature of punishment. Each student is informed by the university to remain present before committee of unfair practices and each candidate has freedom to put his / her case before the committee.

2.9 No. of faculty members involved in curriculum Restructuring / revision / syllabus development 

87	19	114
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As member of Board of Study / Faculty / Curriculum Development workshop

2.10 Average percentage of attendance of students 

75%
-----

2.11 Course/Programme wise distribution of pass percentage:

March / April 2013

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %

Arts	1,21,759		8,865	32,906		34,103
Science	30,252		7,081	7,789		4,653
Commerce	1,45,311		15,429	35,613		39,415
Law	4,335		90	4,802		438
Medical	4,887		10	322		3,127
Pharmacy	10		00	00		1
Engineering	429		26	36		272

October / November / December 2013

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Arts	1,32,066		6,697	27,261		37,679
Science	32,178		4,619	7,247		6,828
Commerce	1,34,767		11,797	29,628		41,276
Law	5,481		2	4,316		537
Medical	3,818		20	5		2,928
Pharmacy	13		00	00		13
Engineering	400		00	12		199

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

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	232
UGC - Faculty Improvement Programme	
HRD programmes	
Orientation programmes	68
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	247
Others	

Note: Most of the faculty members giving their services in the capacity of resource person.

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

	Sanction	filled			
Administrative Staff	586	339	257	-----	134
Technical Staff	102	37	63	2	10+2=12

**Note :** \* No special grant or financial assistance is provided either by the Government and the University. Entire cost of these positions is borne by the university and nearly 60 Lacs are spent by the university, towards the expenditure for the manpower requirement to manage Security, Gardening and housekeeping.

## Criterion - III

### 3. Research, Consultancy and Extension

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

Faculty members are encouraged to undertake minor and major research projects.

Departments are encouraged to submit departmental research proposal at national funding agencies.

Initiatives are taken to encourage departments to organize seminar, conference, workshop, etc...

Various departments were encouraged by IQAC to apply for FIST and SAP programmes.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

#### 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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects				

(other than compulsory by the University)				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

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 Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons

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	
	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 who are Ph. D. Guides and students registered under them

88

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

82

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

\* There is no centralized system for NCC at university level. NCC related activities are done by the respective college. As per the system of Gujarat University under graduate students of affiliated colleges are given three options 1 Physical Education 2 NSS and 3 NCC and student has to select one option.

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

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

## 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	262 Acre			
Class rooms / Buildings	16			
Laboratories	19			
Seminar Halls	7			
No. of important equipment's purchased ( $\geq$ 1-0 lakh) during the current year.	15	2		85,16,993
Value of the equipment purchased during the year (Rs. in Lakhs)	88	2		5,33,923
Others	1	5		2,00,930

#### 4.2 Computerization of administration and library

Rollwala Computer Centre is a Central Computing facility at Gujarat University working Since 1975. Help and support is provided to all the departments of Gujarat University by the Computer Centre. Following are the major are where computer centre services are used :

- Helping the Accounts Department for their requirements of employees salary and pay roll for about 500 employees, financial accounting including ledger, cashbook, trial balance, bank reconciliation, etc.
- Helping the Examination Department for the processing of students information in about 65 to 70 different examinations in various faculties having approx. 3 lakhs students spread across 350-400 affiliated colleges. This includes students' enrolment, pre-examination processing and statistics for conduction of examination, processing of results, grade sheets, convocation degree, etc.
- Creation and maintenance of University Website.
- Provide support in purchasing and using computer facilities at various departments across the campus.
- Installation and maintenance of campus – wide Network connecting all the computers available at various departments on the campus. Also, provide internet services in all the computers.
- Provide help and support to the research students to the research students of M.Phil and Ph.D. for the statistical analysis of research data collected.
- Account section has initiated the process of computer based accounting.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	3,57,629	-----	2,552	27,60,871	3,60,233	-----

			+Ref. Books 78 2,630			
Reference Books						
e-Books	92,000+	3,98,355	See Note-2	See Note-2	92,000+	3,98,355
Journals	Subscribed 201 Gratis +153 354	1,88,805	06	15,552	360 (As on 30.01.14 See Note-3)	2,04,357 (As on 30.01.14)
e-Journals	4,199	-----	-----	-----	4,199	-----
Digital Database	2	-----	-----	-----	2	-----
CD & Video	515	-----	153	-----	668	-----
Others (specify)	-----	-----	-----	-----	-----	-----

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	2,000	27	BSNL	BSNL	1	1	40	-----
Added	0	0	-----	-----	1	1	0	-----
Total	2,000	27	BSNL	BSNL	1	1	40	-----

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

Rollwala Computer Centre looks after installation and maintenance of campus - wide Network connecting all the computers available at various departments on the campus. Also, provide internet services in all the computers. Computer Centre provides basic computer training to various groups of employees including faculties and staff.

4.6 Amount spent on maintenance in lakhs :

i) ICT

18

ii) Campus Infrastructure and facilities

20

iii) Equipments

5

iv) Others (In Rs.)

Insurance	1,62,073.00
Other	59,76,209.00
Furniture	1,79,844.00
Electricity	1,38,44,669.00
Maintenance & Decoration	1,25,70,432.00
Street Light Maintenance	5,97,291.00
Water	50,82,221.00
Gardening	58,36,829.00
New Furniture	16,89,120.00

**Total :**

5,02,38,688.00

## Criterion - V

### 5. Student Support and Progression

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

In Education Expo 2014, IQAC has made University Stall to create the awareness of various programmes offered by the University.

Separate broacher is prepared with the course outline and distributed free of cost to the students and parents.

Strengthen the facility of information centre.

Inquiries from the students are attended and directed them to the proper section.

Remedial classes for backward class students

NET/GSET preparation programme

Health awareness programme

Blood donation camps are arranged by the teaching departments, Medical treatment facility is available for students with the charge of Rs0.50 which includes fees for laboratory test, X-ray, Consultancy of specialist doctors etc.

Every year two students from the University are visiting Japan under Indo Japan exchange Programme.

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

The University prepares comprehensive examination results giving detailed statistics for student progression. These statistics covers not only the examination performance but also provide information on the basis of gender and social class. The tracking is also done by observing the demand ratio. Considerable seats in every programme are made available to the students of this University, which provides easier opportunity to the students for further studies.

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

UG	PG	Ph. D.	M. Phil
		239	245

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

5% of total seats are reserved for them

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

16 (From countries like.....)

Men	No	%	Women	No	%
	4,575			6,619	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
5,624	1,323	747	2,095		9,789	6,259	1,452	873	2,610		11,194

Demand ratio : 1:4

Dropout % : 0.5%

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

Preparatory programme for NET/GSET examinations is run by the university. Every department provides information about competitive examinations and provide timely counselling to their students for the preparation.

No. of students beneficiaries

446

#### 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

Two departments have departmental placement service as part of their professional programmes.

In many departments, campus interviews are organised for the placement.

University / Department invite various employer / industries for the proper placement of the students.

Recruitment notices issued by employers are placed on the notice boards and the students encouraged to utilize the opportunities.

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

### 5.8 Details of gender sensitization programmes

These programmes are conducted by Women's Development Cell of the University.  
Most of the colleges also have CWDC, and such programmes are arranged at their institutions.

### 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	No	-----
Financial support from government	938	80,00,526
Financial support from other sources	No	
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

Blood donation camp and used clothes are collected by the students and distributed to the needy people.

5.13 Major grievances of students (if any) redressed : Student Grievances Cell is established by the university at information centre. As per the report of Cell, no complain was received during the year. In addition, University have permanent SC/ST Cell and WDC for any Grievances for the respective category.

## Criterion - VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

<p><b>VISION</b></p> <ul style="list-style-type: none"><li>• To be a Centre of Excellence</li><li>• Providing value based Quality Education</li><li>• Efficiency with Financial sustainability</li><li>• Leading to Socio - Economic Welfare of the Society through Enrichment of Human Capital</li></ul> <p><b>MISSION</b></p> <ul style="list-style-type: none"><li>• Empowering Students through Modernized Syllabi</li><li>• Innovation in Teaching</li><li>• Promotion of Research, Consultancy and Extensive for the Benefit of the Society</li><li>• Quality improvement to Enhance Global Competitiveness</li></ul>
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6.2 Does the Institution has a management Information System

<p>Each administrative and teaching department manages its own information systems at present.</p> <p>Student registration and examination process is computerized.</p>
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## 6.3 Quality improvement strategies adopted by the institution for each of the following:

### 6.3.1 Curriculum Development

Members of Board of Studies take feedback from all stake holders and review the developments in related subjects at national and international level to introduce new areas and to modify the curriculum.

Suggestions and recommendation of different faculties after attending seminars, workshops and conferences are also incorporated, if found appropriate.

There is a provision of appointing external professional as a member of board of studies.

After the approval of the Board of Studies, the recommendation of the curriculum is placed in the academic council and the Executive Council for final approval.

### 6.3.2 Teaching and Learning

- Optimum use of modern technology.
- Most of the departments have facility of well-equipped seminar rooms / class rooms with facility of multimedia.
- Problems of the students are given special attention.
- All teachers are provided with computer facility with internet.
- Class rooms of the departments are linked with internet facility.
- As part of internal evaluation system, students are required to give presentation, Seminars, quiz, Test of multiple choice questions, etc.
- Appropriate weightage is given to different components mentioned above. This system is followed at PG Level and UG Level in all programmes.

### 6.3.3 Examination and Evaluation

The internal evaluation uses multi-dimensional criteria such as evaluation of content, delivery, argumentative power in presentations. The examination and evaluation based on continuous monitoring the students' progress through test papers, MCQ based exam, Project evaluation, etc. The University exams involve Internal & External Examination in all courses.

### 6.3.4 Research and Development

More than 53 research projects on various theme are awarded to the faculties.

Faculty members have published 407+ publications related to their research field.

More than 158 books where published / edited by the faculty members.

For research and development projects, an amount of Rs.11 Crores is received from various funding agencies.

About 296 faculty members attended programmes of Academic Staff College for the necessary training.

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

Most of the class rooms have internet connectivity. Access to resources such as INFLIBNET is also available via Central Library linkage. Modern scientific instruments were purchased and installed for the use of teaching and research activities.

### 6.3.6 Human Resource Management

With the rigid organizational structure regulated by UGC and Government, little scope is available for both administrative and teaching staffs.

Staffs are encouraged to contribute in all activities of the university as per their capability and limitation.

To meet the financial requirement of the staff, credit society provides both investments and borrowing facilities.

University runs a cooperative store for the benefit of staff members.

The staffs are encouraged to run sports club which also organises sport tournaments and social events.

The optimum use of Human Resources is made through distributing / assigning work through various committees. Viz academic committees, finance committee, building committee, annual report committee, IQAC committee...

### 6.3.7 Faculty and Staff recruitment

The university is dependent on the UGC and the Gujarat Government for recruitment of both faculty and administrative staff. Several new posts were requested in the 11<sup>th</sup> Plan submitted to the UGC but concurrence from the State Government was not given to continue those sanctioned tenure based positions of teaching staffs, however the State Government gave permission to recruit both faculty and staff members against the list of sanctioned vacant positions. Some of the new recruitment positions are advertised and filled this year.

In order to meet the teaching load, several visiting faculties are invited by the teaching departments.

For the administrative work, some of the contractual appointments are made purely on temporary basis.

### 6.3.8 Industry Interaction / Collaboration

Department of Botany, Chemistry, Forensic Science, Life Science and Physics have collaboration with the Chemical Industries, Pharmaceutical Companies, Central Laboratories, and other Universities.

### 6.3.9 Admission of Students

- Advertisement for all the programmes is issued by the university.
- Admission to all programmes is done strictly on merit basis. Separate merit is prepared for each category.
- Admission to research programmes like M. Phil & Ph.D. is done through advertisement, written entrance test, group discussion, personal interview and the research and Development Committee for each subject.
- University follows UGC and State Government guidelines for reservation policies for various categories of students.
- Professional courses like M.Ed., B.Ed., B.B.A., B.C.A. the processing of the applications is done centrally by the University.
- The university constitutes a special committee every year to monitor the admission process. This committee chalks out a schedule for admission to all the programmes

### 6.4 Welfare schemes for

Teaching	Health care with provision for consultation, x-ray facility and pathology check-up, free medicines to a limited extent. Credit society, co-operative store, group insurance, sports facility. Felicitation of a meritorious children and wards.
Non-teaching	Health care with provision for consultation, x-ray facility and pathology check-up, free medicines to a limited extent. Credit society, co-operative store, group insurance, sports facility. Felicitation of a meritorious children and wards.
Students	Health care with provision for consultation, x-ray facility and pathology check-up, free medicines to a limited extent. Co-operative store, group insurance, sports facility. Remedial classes are conducted for needy students. Guidance and counselling is provided for career opportunities and competitive exams.

6.5 Total corpus fund generated

759.79
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6.6 Whether annual financial audit has been done

Yes  No

There are three types of financial audit are being done in the university

(a) Internal Audit

(b) External Audit

(c) Government Audit

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

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

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?

1. The seating arrangement for all examination is put on the website so that students can report to the examination centres in time.
2. Hall tickets are printed with the candidates photograph and other necessary information.
3. Date of examinations and the schedules are put on website of the university.
4. Results are communicated through SMS to the students.
5. Any change in date of examination or change in schedule is informed to the students and colleges through website.
6. University has also introduced internal evaluation system at post graduate level. Internal evaluation is being done through written test, seminar, quiz, presentation, MCQs, etc... as part of continues evaluation.
7. For the interest of the students provisional e-mark-sheets are also provided.
8. University observers are appointed to monitor the conduction of examinations.
9. Committee for unfair means look after the examination related issues.

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

1. The status of the university is affiliating university. To maintain the uniformity, rules and regulations are formed by the university. There are certain areas related to the students where autonomy is given to colleges. For example organisation of sports activity, cultural activity, social activity, organisation of internal test, etc...
2. Colleges have the freedom to invite visiting faculty.
3. Colleges have the freedom to organise additional courses for the students, like career oriented programmes of their choice.
4. Colleges are encouraged and guided by the University to apply for UGC and other Funding Agencies.
5. The faculty in the colleges are also encouraged to participate in conferences and seminars. Application for the research projects of them are duly forwarded by the University.
6. The University provides a free platform to the faculty from the colleges to interact with the university faculty including sharing research facility, library facility, etc...
7. The colleges are given the autonomy to choose the courses that they want to offer in the optional and elective areas.
8. Autonomy is also available for opening new institution provided they fulfil the minimum requirements of the institution.

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

Alumni association related activities are done at departmental level.  
Most of the departments of the university have their own alumni association.  
The alumni give support for the following.

1. Improvement in teaching
2. Investigating new research areas
3. Improvement in syllabi
4. Introduction of new courses
5. Placement of students

#### 6.12 Activities and support from the Parent - Teacher Association

There is no formal parent teacher association at the moment. However University incorporate suggestions of parents informally.

#### 6.13 Development programmes for support staff

Non - Teaching staff are permitted to undergo CCC+, Computer Training, RTI Training, E-Tendering Training, Officer Level Training Courses and are provided with duty leaves and financial assistance.

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

The following initiatives have been taken to make the campus eco-friendly :

1. Landscaping
2. Tree Plantation
3. Regular Cleaning of Campus
4. Reduction in Plastic Waste
5. The University is a Tobacco Free Zone

## 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.

- Because of the semester system, student's dropout ratio is reduced.
- Demand ratio for M. Phil & Ph. D. program is increase in the recent years.
- Because of remedial classes / NET-SLET coaching classes / other open examination - recruitment examinations coaching classes, has also improved the success rate of the students.

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

1. The academic calendar is prepared with the provision of sufficient teaching days. It is also able to accommodate the examinations of the old yearly system and the semester system without any major problems.
2. A 700 terminal computer lab has been established.
3. The utilization of 11<sup>th</sup> plan allocation is almost complete.
4. First and Second instalments of the 12<sup>th</sup> plan UGC Grant were received and allocated to various functional units of the university.
5. Considerable support was provided to the affiliated colleges for implementation of semester system.
6. CAS related activities were initiated and some of the teaching faculties were screened and successfully placed from Stage 1 to 2 and Stage 2 to 3 this year.

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

- ICT and Infrastructure Development.
- Curriculum design.

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

7.4 Contribution to environmental awareness / protection

- Tobacco Free Campus
- Use of Recyclable Materials
- Waste Management System
- Silence Zone awareness on campus

7.5 Whether environmental audit was conducted? Yes  No

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

- Strength : Examination Reforms, demand ratio, Expenditure for students.
- Weakness : Lower output of research in some of the Department, Student teacher ratio.
- Opportunities : Student placement ratio.
- Threat : Increasing strength of students disturbing the student teacher ratio.



## 8. Plans of institution for next year

### **ACADEMIC ACTIVITIES**

- Emphasis will be given to enrol maximum number of M. Phil. & Ph. D. Students to enhance the research activities.
- Departments will be encouraged to organised research Seminar / Workshops / Conference / Talks / Lectures of International / National / State / Local Level.
- NET / SLET Coaching scheme and other such classes for the preparation / guidance of open examinations are to be introduced.
- Research activities are to be promoted and to established linkages with other organizations and universities.

### **SYSTEMIC DEVELOPMENT**

- Attempts will be made to fill vacant post.
- To Prepare and monitor academic calendar to ensure that both the annual and semester system runs smoothly.
- To change examinations & evaluation pattern to suite the semester system.
- Web - site of the University is to be updated and monitored.
- RTI Cell is established university took initiatives to form Anti raging committee.
- PBAS and CAS related activities to be strengthen.

### **INFRASTRUCTURE DEVELOPMENT**

- INFLIBNET Connections is to be provided through Fiber - Optics network to the University users.
- To increase the utility of existing infrastructure.
- Development of eco-friendly campus of the university.
- Infrastructural Development for Academic Staff College.

### **PLAN ACTIVITIES**

- Emphasis would be given to implement XII - Plan.
- Allocation / distribution of funds to various departments, received by the University in the XII - Plan.
- To initiate various activities as per the XII - plan guidelines.

### **SUPPORT AFFILIATED COLLEGES**

- To provide guidance for accreditation / re - accreditation to the affiliated colleges as and when required / asked.
- Proper guidance would be given to the colleges / centres for implementing the new syllabi.
- Guidance would also be provided to all affiliated colleges for maximum use of UGC Schemes.

Name : Prof. R. S. Patel

Name : Dr. M. N. Patel

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

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