



AQAR 2017 - 18

**GUJARAT UNIVERSITY
NAVRANGPURA, AHMEDABAD - 380009.**

Website : www.gujaratuniversity.ac.in

**PROF. R. S. PATEL, CO-ORDINATOR
INTERNAL QUALITY ASSURANCE CELL (IQAC)**

E-mail : guiqac@gmail.com

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

vcofficegu@gmail.com
registrar.gu53@gmail.com

Contact Nos.

079 - 26301919 (VC Office)
079 - 26303762 (Registrar Office)

Name of the Head of the Institution:

Prof. (Dr.) H. A. Pandya, Hon'ble Vice Chancellor

Tel. No. with STD Code:

079 - 26301919

Mobile:

9825555856

Name of the IQAC Co-ordinator:

Prof. R. S. Patel

Mobile:

09825523233

IQAC e-mail address:

guiqac@gmail.com

1.3 NAAC Track ID : **GJUNGN10131**

1.4 Website address:

www.gujaratuniversity.ac.in

Web-link of the AQAR: http://www.gujaratuniversity.ac.in/data/pdfs/aqar/AQAR_2017_2018.pdf

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 st Cycle	B++	83.1	2007	31.03.2012
2	2 nd Cycle	B	2.85	2015	01.05.2020

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

12.10. 2007

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

2017 - 2018

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 2015 - 2016 Date. 28.01.2019
- ii. AQAR 2016 - 2017 Date. 28.01.2019

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
 * Fire Technology

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*

UGC-COP Programmes* Any other (*Specify*) ***

GSBTM,
 Gujarat
 CII,
 New Delhi

* 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	<input type="text" value="11"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="03"/>
2.3 No. of students*	<input type="text" value="02"/>
2.4 No. of Management representatives*	<input type="text" value="03"/>
2.5 No. of Alumni	<input type="text" value="05"/>
2.6 No. of any other stakeholder and community representatives*	<input type="text" value="02"/>
2.7 No. of Employers/ Industrialists*	<input type="text" value="02"/>
2.8 No. of other External Experts	<input type="text" value="03"/>
2.9 Total No. of members	<input type="text" value="20"/>
2.10 No. of IQAC meetings held	<input type="text" value="13"/>

* As invitees

2.11 No. of meetings with various stakeholders:	No.	<input type="text" value="24"/>	Faculty	<input type="text" value="16"/>
	Non-Teaching Staff	<input type="text" value="4"/>	Students	
	Alumni	<input type="text" value="4"/>	Others	<input type="text"/>

* 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.

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

- Received national award for NSS
- Start-up and Innovation centre
- Gujarat University Park for Industrial Extension and Research

2.14 Significant Activities and contributions made by IQAC.

- Training and Capacity Building program for students and teachers
- Seed money given for Start-up and Innovation program to students
- APJ Abul Kalam Centre for Extension, Research and Innovation (CERI)
- To fill up the vacant post in departments

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
Training and Capacity Building program for students and teachers	<ul style="list-style-type: none"> • RAPID: Accelerating sartorial ideas at pre-incubation stage • 216: 21 years, 6 months, training to product • SURGE: Early stage acceleration with grants up to 2 lakhs • ACTIVATE: Mass sensitization of students and alumni • LIFTOFF: On boarding startups and helping them jump • THRUST: For select startups, to scale faster • I-4 Industry: Interexchange Impact Initiative • TOWNHALLS: Free sessions for non-selected ideas & general public • DOCKNINGS: Fortnightly, closed-group networking for all founders • TRIGGER: Faculty development & training

<p>Seed money given for Start-up and Innovation program to students</p> <p>APJ Abul Kalam Centre for Extension, Research and Innovation (CERI)</p> <p>To fill up the vacant post in departments</p> <p>To organize the research students workshop to enable research scholars Ph. D. Course work on Research Methodology</p>	<p>programs</p> <ul style="list-style-type: none"> ● 50+ Startup supported thus far ● 31 Startups currently incubated ● 15 Product-focused startups ● 30+ Startups funded ● Rs. 60.18 lakhs disbursed in startup funding ● 8 patents / trademarks supported financially ● 200+ jobs created by GUSEC startups ● Rs 1.5 Cr.+ revenue generated by start-ups <p>Application has been made to the state government and it is accepted for funding</p> <p>In last two years more than 50% vacant posts have been recruited</p> <p>The main group for workshops suggested are :</p> <ol style="list-style-type: none"> 1. Chemical Science - Physical Science - Forensic Science 2. Biological Science - Life Science - Environmental Science 3. Computer Science - Mathematical Science - Statistics 4. Languages 5. Social Sciences & Law 6. Management
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* 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 discussed above in IQAC and effectively implemented and incorporated.

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 (HPP) programmes	Number of value added / Career Oriented programmes
Ph.D.	75	1	5	5
PG	311	12	14	6
UG	158	1	1	0
PG Diploma	29	4	10	3
Advanced Diploma	26	0	0	0
Diploma	20	0	0	0
Certificate	22	0	1	1
Others & M.Phil	119	0	0	0
Total	760	18	31	15
Interdisciplinary	09	01	01	02
Innovative	21	06	01	01

Note : University runs HPP “Higher Payment Programmes” and not Self Finance Program.

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

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.

Yes

Department of Advance Business Studies started with 3 new programmes (Post Graduate Diploma in Forensic Accounting and Financial Fraud Investigation, Post Graduate Diploma in Business Analytics and Post Graduate Diploma in Teaching Learning and Research in Higher Education).

Department of Accounting and Department of Finance are also introduced

Post Graduate diploma in actuarial science and post graduate diploma in animation also started during this period

M. Sc. Horticultural Science & Garden Management

Criterion - II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	146	86	48	12	

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
3	3	3	-	2	-	-	-	8	-

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	78	163	102
Presented papers	137	214	313
Resource Persons	49	97	48

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

- Each student of the class is compulsorily made to give presentations on the topics assigned by faculties with an objective to improve their communication skills, develop self-learning skill as well as form self-reading habit on topics other than syllabus. Usually topics are the ones on extended syllabus.
- Whenever needed, ICT enabled teaching method is employed.
- On hand lab experience is given in each practical subject.
- Two internal presentations are compulsory for projects and dissertations.
- Students doing live projects to implement theoretical knowledge into real life practical problem solution.
- Some subjects are taught by case study method.
- Students are encouraged to enhance their classroom learning through e-learning platforms and MOOCs.
- Flip Class room techniques are employed in some subjects.
- Some subjects/topics are directly taught through demonstrations.
- Majority of teachers are into e-content development for e-PG Pathshala Project. e-PG Pathshala is an initiative by the Ministry of Human Resource Development, Govt. of India to improve post graduate education under National Mission on Education through information and Communication technology
- MOOCs development in selected subjects by few faculties is also initiated.
- Experiential (hands-on) learning approach through simulation exercises, web-based exercises, and interactive programmes. This helps to reinforce the fundamentals of the subject.

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

221

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 centers. Special observers are appointed by the university to visit these different centers 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 As member of Board of Study / Faculty / Curriculum Development workshop

94	38	38
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2.10 Average percentage of attendance of students

87%

2.11 Course/Programme wise distribution of pass percentage:

March / April 2017

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
Arts	1,00,236	342	3,732	21,092	34,449
Science	35,664	2,255	4,752	7,861	4,856
Commerce	1,15,485	2,270	8,059	20,500	33,560
Law	7,720	0	11	6,017	520
Medical	11,109	0	877	1,260	6,787

October / November / December 2017

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
Arts	86,869	254	2,998	16,685	34,872
Science	47,657	1,620	4,140	11,703	9,754
Commerce	1,73,995	4,756	12,859	33,082	64,670
Law	7,005	0	3	4,743	736
Medical	5,141	0	6	42	3,914

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	214
UGC - Faculty Improvement Programme	---
HRD programmes	74
Orientation programmes	151
Faculty exchange programme	---
Staff training conducted by the university	---
Staff training conducted by other institutions	---
Summer / Winter schools, Workshops, etc.	54
Others	298

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	688	292	8	30	---
Technical Staff	NA	NA	NA	NA	NA

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

- IQAC Gujarat University has submitted proposal for GU-PIER (Gujarat University - Park for Industrial Extension and Research).
- GUSEC raised various funding grants from state as well as central government agencies for start-up and Innovation
- Proposal for APJ Abdul Kalam (CERI) has been approved and construction for the same is started.
- 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.
- Departments are also encouraged to go for foreign collaboration for the purpose of research and innovation.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	12	16	2	5
Outlay in Rs. Lakhs	230.88	511.76	136.5	204.2

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	7	3	1
Outlay in Rs. Lakhs	25.56	33.55	40.0	2.19

3.4 Details on research publications

	International	National	Others
Peer Review Journals	251	86	41
Non-Peer Review Journals	04	23	10
e-Journals	06	24	00
Conference proceedings	78	32	04

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

Note : Data is the average of 2017 - 18

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2017-18	GSBTM, DAE, SAC ISRO, DST FIST, DBT Bio Care, SERB, MCI, UGC	6,43,25,539	2,11,81,833
Minor Projects		ICSSR, IUAC	4,41,667	2,72,700
Interdisciplinary Projects		State Government, UGC	8,12,00,000	2,82,90,000
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)		State Government , Sport Authority of Gujarat, GSBTM, LLC	46,83,66,863	33,82,42,786
Total				61,43,34,069

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	5	12	20	17	1
Sponsoring agencies	DST, Gujarat University MHA Government of India (Delhi), DRDO, DST, GUJCOST	UGC, ICPR, University Funds, CSIR, GSBTM	DOEASNSSO, MHRD, Gujarat University	Nutrition Work, Exhibition and Guest Lecture, GRC & U.S.S.	

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	2
	Granted	3
International	Applied	0
	Granted	0
Commercialized	Applied	0
	Granted	0

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
17	2	13	2	0	0	0

3.18 No. of faculty from the Institution who are Ph. D. Guides
 and students registered under them

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

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

University awarded by the Hon'ble President of India Shri. Ram Nath Kovindji for contributing extra Ordinarily in the field of extension activities

Efforts are made to realize department's social responsibility inspired by the ideals of the vision and the Mission of the Department and the University, by sensitizing students and faculties on various outreaches Programmes and their impact. The department ensures the transmission of values, attitudes and beliefs that will encourage students to be sensitive to social issues and become responsible citizens. It encourages students to reach out to the community through Social Awareness Programmes / Service Learning and experiential learning. The department has taken up the following activities towards this

cause

- Blood donation camps
- Tree plantation
- Visit to Old age home
- Workshop on “Financial Management”
- Workshop on “Home Gardening”
- Workshop on “Cyber Security”
- Cultural and different competitions “ PRATIBHA”
- Celebration of ”International Women Day “
- Sending M. Ed, MPhil, PhD students to Conferences (Minimum 15-20 students) to attend and read their research paper at National and International Conferences of Education,
- Participation in Youth Festivals every year from the department (Minimum 10-15 students).
- Faculty is invited in WILPF for the programs related to women empowerment
- Brihad Gujarat Sanskrit Parishad, Hiramani Institute and BAOU for academic endeavours.
- Faculties render their services as a chair to the session at national and international conferences and seminars.
- Faculty has contributed as a member of advisory or organizing committee for two conferences
- Faculty has been a member of editorial board for 09 international journals and reviews the papers submitted frequently to ensure quality of the journal.
- literary Institute visit
- Donation of books, Bhasashikshan
- Film made by students on Social Issues
- UNICEF Documentation in September 2017
- Beti Bachao “Kimaya” poster exhibition
- Best College of the city by “Ahmadabad Pride Award (Radio One)
- Traffic Awareness program organised by University.
- On the Women’s day 8th March, we invited our Alumnae Girl students to share their experiences in the professional journey and struggle as a woman in Media Profession.
- Celebrating kite flying with students and arrange “Dabba Party” where all students enjoy different food prepared by students and staff.
- Study Tour in different states and cities like Mumbai (Film City), Hyderabad (Ramoji Rao Studio), Delhi (Different Media Houses and Rashtrapati Bhavan)
- Gender sensitisation workshop for students of school of social sciences
- Symposium on social entrepreneurship
- Helping to needy one and Teaching Activity
- Visit of Central Jail, Ahmedabad
- Visit of Gujarat Vidyapith
- To provide excellent quality of Library and Information Professionals the department is focusing on Teaching, learning and overall grooming of students.
- Students Participate in Sports, Youth Festival, Annual function, Seminars etc.
- Students are assessed through Seminars, assignments in addition to examinations with viva.
- Students submit projects on an assigned topic under the guidance of a staff member.
- Environment Awareness program

- Swachchhata Abhiyana
- Organised Gujarat Science Academy (GSA) award competitions
- Organised GSA-GU, GSA-A K Shah popular lectures
- Organised Minaxi Lalit Awards
- IAPT- Physics experiments competitions.
- Sending MA, MPhil, PhD students to Conferences (Minimum 15-20 students) to attend and read their research paper at National and International Conferences of Clinical Psychology, Indian Association of Applied Psychology and Indian Association of Health Psychology.
- Participation in Youth Festivals every year from the department (Minimum 10-15 students).
- Program organised for Slums Children, Orphan Children, Minorities
- Awareness Programme for community & counselling to the parents of Down syndrome and other anomalies.

- **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 Acrs.	---	---	---
Class rooms / Buildings	77	49	---	126
Laboratories	56	21	---	77
Seminar Halls	17	05	---	22
No. of important equipment's purchased (\geq 1-0 lakh) during the current year.	118	202	---	44,69,400
Value of the equipment purchased during the year (Rs. in Lakhs)	---	---	---	---
Others	---	---	---	---

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 employee's 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 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	3,66,390		426	3,51,661	3,66,816	
Reference Books						
e-Books	1,50,000	19,92,400				
Journals	426	2,50,664				
e-Journals	10,000 (Through UGC INFLIBNET)					
Digital Database						
CD & Video	4,000		500		4,500	
Others (specify)						

4.4 Technology up gradation (overall)

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

67.40

ii) Campus Infrastructure and facilities

296.17

iii) Equipments

53.87

iv) Others (In Rs.)

Insurance	7.01
Other	33.88
Furniture	11.66
Electricity	174.82
Street Light Maintenance	0.50
Water	87.39
Gardening	11.14
New Furniture	50.12

Total :

793.96*

* **Note :** The above total figure does not include the amount spent from grant section.

Criterion - V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- 624 students placed during this year with an average package of Rs. 2.50 Lakhs.
- Started Rs.1,000 per month scholarship to research scholars who are not associated with any institution and not getting grant from any funding agencies
- University has organized three days education fair for students where more than 2,00,000 students participated in the fair Hon'ble Chief Minister of Gujarat State Shri. Vijaybhai Rupani has inaugurated the function.
- University has organized placement camp twice in a year
- University has also organized ANVESHNA Lecture series for students to make them aware about the latest trends and innovative ideas
- Internet facility with Wi-Fi connectivity is made available throughout the campus to support the students in enhancing their knowledge with easy digital access.
- Induction day for the fresher's, where in all the faculty members brief the students about curricular, scope of the program & extracurricular activities
- The department is catering to the needs of students belonging to Minorities, scheduled castes (SC), scheduled tribes (ST), other backward classes and low-income groups. SC and ST students are encouraged to continue their education by way of scholarships from Government and Non-Government Organizations.
- As a part of our Industry-Academia interaction initiative, the department organizing regularly guest lectures, seminars, workshops, conferences, industry visits, in-plant training, internships and campus connect programmes.
- Entrepreneurship Development Cell organizes periodical meetings with industrialists, entrepreneurs and experts of various concerns to enhance the entrepreneurship skills among the students.
- Placement & Training Cell organizes various training programmes to mould the students with core competency and employability.
- Library is equipped with various books, references, journals and e-journals to supplement the thrust of students and to enrich their self-learning ability.
- Counseling is provided by faculty members to students.
- As per student's feedback, students consider the Department of Computer Science as their second home and everyone regards himself/herself as member of Rollwala family.
- WDC and ICC are facilitated by University. WDC chairperson post was held by Head of the Department since 2014 till today and she is member of governing body of ICC .
- WDC has regularly conducted many programs/seminars/workshops/interactive forums for students welfare
- Information regarding various projects/ research schemes/ summer programmes/ JRF and SRF positions is provided to the students through display of notices on the notice boards.

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
0	2,988	458	124

(b) No. of students outside the state

35

(c) No. of international students

14

Men	No	%
	893	41

Women

No	%
	2,677

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1,379	286	200	659	23	2,547	1,859	396	255	823	14	3,347

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 counseling to their students for the preparation. University also having separate department to train students for competitive exams like UPSC, GPSC, NET, SET, GAS etc..

No. of students beneficiaries

980

5.5 No. of students qualified in these examinations

NET	27	SET/SLET	64	GATE	0	CAT	0
IAS/IPS etc	2	State PSC	10	UPSC	2	Others	7

5.6 Details of student counseling and career guidance

Soft skills training workshops are organized by some of our regular recruiters. University also organizes training and capacity building programs for students under Campus to Corporate program, soft skill training was organized for students and all final year students took part in it. Alumni also contribute in training them. Recruitment notices issued by employers are placed on the notice boards and the students encouraged utilizing the opportunities.

No. of students benefitted

655

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
45	396	180	160

5.8 Details of gender sensitization programmes

These programmes are conducted by Women’s Development Cell of the University. Most of the affiliated colleges also have CWDC, and such programmes are arranged at their institutions. University has also insisted all affiliated colleges and departments to implement effectively “Gender Champion” program of UGC. During this period more than 10 programs have been conducted at University on various issues related to Gender Sensitization.

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	198	11,09,970
Financial support from other sources	14	10,60,000
Number of students who received International/ National recognitions	---	---

5.11 Student organized / initiatives

Fairs : State/ University level	8	National level	1	International level	0
Exhibition: State/ University level	8	National level	2	International level	0

5.12 No. of social initiatives undertaken by the students

30

Kindly refer to 3.26 all Social activities undertaken mutually by students & staff. 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 has 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

VISION

- To be a Centre of Excellence
- Providing value based Quality Education
- Efficiency with Financial sustainability
- Leading to Socio - Economic Welfare of the Society through Enrichment of Human Capital

MISSION

- Empowering Students through Modernized Syllabi
- Innovation in Teaching
- Promotion of Research, Consultancy and Extensive for the Benefit of the Society
- Quality improvement to Enhance Global Competitiveness

6.2 Does the Institution has a management Information System

Each administrative and teaching department manages its own information systems at present. Student admission, registration and examination process is computerized.

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.
- Smart 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 weight age 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 50 research projects on various theme are awarded to the faculties.
Faculty members have published 559+ publications related to their research field.
More than 79 books where published / edited by the faculty members.
For research and development projects, an amount of Rs.42.2 Crores is received from various funding agencies.
About 298 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.
Gujarat University Library has installed RFID system

6.3.6 Human Resource Management

- 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 organizes 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

As the State Government has lifted banned on Recruitments University has started recruitment of vacant post 86 no of Assistant Professor, 48 no of Associate Professor, 12 no of Professor and 30 on administrative staff have been recruited during this year.
Apart from this 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.

Five MoU's have been signed for industry interaction and collaboration by the University during this year.

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 by 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 counseling is provided for career opportunities and competitive exams.

6.5 Total corpus fund generated

Rs. 4,62,19,718

6.6 Whether annual financial audit has been done Yes No

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

- Internal Audit
- External Audit
- Government Audit

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

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

6.8 Does the University/ Autonomous College declare 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 centers 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 organization of sports activity, cultural activity, social activity, organization of internal test, etc...
2. Colleges have the freedom to invite visiting faculty.
3. Colleges have the freedom to organize 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 faculties 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 fulfill the minimum

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. To connect all past students Google group namely alma connect is created where students can give their feedback and suggestion.
7. Proposal for Registration of Alumni Association is received which will be implemented soon

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, PFMS, IFMS, Tally, Officer Level Training Courses etc... 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
6. Swachhta Abhiyan
7. Conservation of energy by using solar and other alternative natural resources
8. Environment Awareness program
9. Celebration of Environment day, Ozon day, Wildlife day
10. Students work with GEMI, GERMI, GPCB, Geer Foundation, Forest Department, BISAG, ISRO, PRL.
11. Installation LED Lamp
12. Minimizing water wastage
13. Rain water harvesting
14. Minimizing use of paper
15. Creation of lush green campus
16. Imbibing waste consciousness by training programs
17. Solar Energy

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.

- Those research scholars who are not getting any kind of scholarship; Rs. 1,000 per month Scholarship is given.
- Seed funding given to students for start-up and innovation.
- Five villages adopted by University for social outreach activities.
- 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. RFID Technology introduced in central library of Gujarat University.
2. The utilization of first installment of RUSA grant is almost complete.
3. More than 50% vacant post are recruited during this year
4. For the first time in the History of Gujarat State Proposal for GUPIER and APJ Abdul Kalam (CERI) is accepted by the legislative assembly and Rs. 400 Crores budget provision has been made by the State Government.
5. To make paper less administration the concept of digital diary was introduced during the year.
6. GUSEC is also a nodal body to implement the state government's Student Startup and Innovation Policy (SSIP) and Startup Assistance Scheme.
7. GUSEC is awarded Technology Business Incubator (TBI) by Department Science and Technology, Government of India.
8. Five MoU's have been signed

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

- World class sports facilities
- Research park
- Social outreach program

****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 :** GUSEC, Social outreach activities, Research and innovation.
- **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 enroll maximum number of M. Phil. & Ph. D. Students to enhance the research activities.
- Departments will be encouraged to organized 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 by the university and also took initiative 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.
- World Class Sports Complex.

PLAN ACTIVITIES

- Scholarship for the research scholars
- GUPIER
- APJ Abdul Kalam (CERI)

SUPPORT AFFILIATED COLLEGES

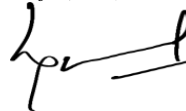
- To provide guidance for accreditation / re - accreditation to the affiliated colleges as and when required / asked.
- Proper guidance would be given to the colleges / centers for implementing the new syllabi.
- Guidance would also be provided to all affiliated colleges for maximum use of UGC Schemes.

Name : Prof. R. S. Patel



Signature of the Coordinator, IQAC

Name : Prof. (Dr.) H. A. Pandya



Signature of the Chairperson, IQAC