AQAR 2016 - 17

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_2016_2017.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	1st Cycle	B++	83.1	2007	31.03.2012
2	2nd 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)*   2016 - 2017

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

    i. AQAR 2015 - 2016 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

1.11 Name of the Affiliating University *(for the Colleges)*   [NA]

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* [**342**]   Any other (*Specify*) [GSBTM, Gujarat CII, ICSSR, UGC-CAS, New Delhi RUSA]

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

03

2.9 Total No. of members

20

2.10 No. of IQAC meetings held

13

* As invitees

2.11 No. of meetings with various stakeholders: No. | 04 | Faculty | 16 |

          Non-Teaching Staff Students | 4 | Alumni | 4 | Others | 2 |

   * **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 | NA |

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. | 2 | International | | National | | State | 1 | Institution Level | 1

(ii) Themes

> Start-up and Innovation centre
> Training and development of staff, students and teachers

2.14 Significant Activities and contributions made by IQAC

> Established start-up, entrepreneurship and innovation centre.
> Signed MoU and Foreign Collaboration with industry and academia for promotion of research.
> Implementation of RUSA

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
Efforts toward s achieving National Institutional Ranking Framework 2016 "NIRF" Submitted proposal for start-up and entrepreneurship council	NIRF Ranking 73 Gujarat University start-up and entrepreneurship council (GUSEC) is a non-profit, autonomous and independent company registered under the section 8(1) (a) of the Companies Act 2013, promoted by Gujarat University to support student start-ups, student entrepreneurship and student innovations. • GUSEC was inaugurated on February 26, 2016 by Hon'ble Education Minister of the state Gujarat, Shri. Bhupendrasinh Chudasama. • GUSEC is the only Zero-cost start-up support system by a Gujarat University in India which provides plug-and-play co-working space, access to mentor board, business guidance, funding opportunities and access to Gujarat University resources like Laboratories, Conference Hall, and Meeting Rooms etc. • For significant outcomes in a small span of journey of the council, GUSEC has been declared as a model

	start-up support system by Government of Gujarat. • Capacity programmes for students and teachers was also organized.
Planning and Implementation of RUSA	University has submitted proposal for RUSA under two components that is component No.3 and component no. 11 (Grant for University and Academic Staff College). • Rs. Five crores and Rs. Fifty lakhs has been receive under two components.
Implementation of Self-Appraisal Report & PBAS (CAS) Forms	The draft prepared for PBAS (CAS) and Self-Appraisal Report were circulated to the committee members for their critical look / comments / suggestions for finalizing the format to initiate the CAS activity by the University, which is then approved by the committee.
To organize the research students workshop to enable research scholars Ph. D. Course work on Research Methodology	The main group for workshops suggested are : 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
Preparing the LOI, AQAR & SSR	Work on the same is in progress.

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 (HPP) programmes	Number of value added / Career Oriented programmes
Ph.D.	70	1	0	4
PG	302	0	6	3
UG	158	0	0	0
PG Diploma	23	1	4	1
Advanced Diploma	26	0	0	0
Diploma	20	0	0	0
Certificate	22	0	0	0
Others & M.Phil	119	0	0	0
Total	**740**	**2**	**10**	**8**
Interdisciplinary	09	0	0	0
Innovative	15	2	2	2

Note : University runs HPP "Higher Payment Programmes" and not Self Finance Progaram.

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.

Most of the departments have academic flexibility. Under Academic flexibility they have freedom to upgrade the syllabus as and when required. The syllabi are normally revised at an interval of every 3 years.

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
124	34	19	65	6

2.2 No. of permanent faculty with Ph.D.

109

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
10	9	14	19	5	6	-	-	29	34

2.4 No. of Guest and Visiting faculty and Temporary faculty

278			---

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	56	103	95
Presented papers	93	149	72
Resource Persons	29	91	64

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.

- ICT methods have been efficiently used by most of the faculty members.
- Active learning laboratories.

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

227

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

90	35	36

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise distribution of pass percentage:

March / April 2016

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
Arts	1,12,424	233	2,005	14,605	30,724
Science	38,149	1,855	4,681	8,569	3,883
Commerce	1,46,970	1,630	9,167	27,908	27,188
Law	7,399	0	12	5,858	460
Medical	10,645	0	789	1,338	6,345

October / November / December 2016

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
Arts	1,01,796	210	1,958	12,463	32,997
Science	40,195	1,531	3,882	9,230	7,166
Commerce	1,53,613	1,050	4,663	15,471	33,823
Law	6,507	0	0	4,546	668
Medical	5,150	0	10	62	3,899

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

IQAC organises meetings with Head of the Departments & Directors of Schools and discusses with them about the teaching learning process developed and adopted in their departments and schools. The issues related to teaching plan preparation and monitoring are discussed. Suggestions are given to them for improving the teaching and learning process, student progression and inform them to adopt innovative practices in teaching, learning and student support suggested by IQAC.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	165
UGC - Faculty Improvement Programme	---
HRD programmes	1,497
Orientation programmes	150
Faculty exchange programme	---
Staff training conducted by the university	---
Staff training conducted by other institutions	---
Summer / Winter schools, Workshops, etc.	---
Others	203

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	289	2	4	-
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

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.
Students are also motivated to go for start-up and innovation for which university has develop mechanism and created the best eco system.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	18	3	4
Outlay in Rs. Lakhs	83.62	457.15	213.00	50.50

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	6	2	0
Outlay in Rs. Lakhs	11.00	23.15	10.00	0

3.4   Details on research publications

	International	National	Others
Peer Review Journals	174	120	11
Non-Peer Review Journals	0	20	2
e-Journals	3	7	0
Conference proceedings	40	21	7

3.5 Details on Impact factor of publications:

Range 0-5   Average 3.105   h-index 10.5   Nos. in SCOPUS 181

Note : Data is the average of 2016 - 17

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		GSBTM, GUJCOST, GIZ, DAE-BRNS, SAC ISRO, MOES, DRDO, SERB, DST FIST, DBT, UGC, XDF	7,89,17,443	2,90,96,810
Minor Projects		GUJCOST, IUAC	8,81,667	3,63,667
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	2016 - 17			
Students research projects *(other than compulsory by the University)*				
Any other(Specify)		Sports Authority of Gujarat, Gujarat State, BRNS, DBT, UGC	42,01,58,984	33,73,39,984
Total			**49,99,58,094**	**36,68,00,461**

3.7 No. of books published   i) With ISBN No. | 22 | Chapters in Edited Books | 14 |

　　　　　　　　　ii) Without ISBN No. | 4 |

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 | Rs. 9,54,69,636 |

Level	International	National	State	University	College
Number	2	10	24	16	1
Sponsoring agencies	DST, DRDO, GUJCOST	UGC, Hexagone Nutrition, University Funds	MHRD, DOEASNSSO, RUSA, Nestle Nutrition	12th Plan	

3.11 No. of conferences organized by the Institution

3.12 No. of faculty served as experts, chairpersons or resource persons   127

3.13 No. of collaborations   International   5   National   15   Any other   7

3.14 No. of linkages created during this year   14

3.15 Total budget for research for current year in lakhs :

From Funding agency   203.90   From Management of University/College   10.60

Total   214.50

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	3
	Granted	0
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
23	5	12	5	1	0	0

3.18 No. of faculty from the Institution   109
who are Ph. D. Guides
and students registered under them   235

3.19 No. of Ph.D. awarded by faculty from the Institution   63

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

JRF   17   SRF   10   Project Fellows   4   Any other   6

3.21 No. of students Participated in NSS events:

University level   7,250   State level   9

National level   50   International level   0

3.22 No. of students participated in NCC events:

University level   0   State level   0

National level $\boxed{0}$ International level $\boxed{0}$

* 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 $\boxed{0}$ State level $\boxed{9}$

National level $\boxed{0}$ International level $\boxed{0}$

3.24 No. of Awards won in NCC:

University level $\boxed{0}$ State level $\boxed{0}$

National level $\boxed{0}$ International level $\boxed{0}$

3.25 No. of Extension activities organized

University forum $\boxed{54}$ College forum $\boxed{45}$

NCC $\boxed{0}$ NSS $\boxed{2}$ Any other $\boxed{27}$

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

Following list of activities performed by various departments during 2016 - 2017.

*   Counseling for NET and SLET
*   Chairing the SC/ST Cell
*   Institutional and field visit
*   Donation of Books to Bhasha Shikshan
*   Held Gujarat Science Academy (GSA) award competitions
*   Organized GSA-GU, GSA-A K Shah popular lectures
*   Workshop organized for Divyang Students.
*   Minaxi Lalit awards
*   IAPT- Physics experiments competitions.
*   Astronomy activities.
*   NET/SLET coaching classes for SC/ST/OBC/Minority students.
*   Awareness Programme for Cleanliness
*   Helping to needy one and Teaching Activity
*   Visit of Vidhan Sabha,
*   Visit of Gujarat Vidyapith
*   Tree Plantation
*   Visit to Old age home
*   Workshop on "Cyber Security"
*   Workshop on "Emotional Quotient and success"
*   Workshop on "Personal Grooming for Success"
*   Workshop on "Challenge the Challenge"

* Workshop on "Health Management"
* Cultural and different competitions "PRATIBHA"
* Celebration of "International Women Day "
* Blood donation camps
* Cleanliness drives
* As a partner of UNICEF project we conducted different training for the student on "Training on child Rights and Adolescent Empowerment", during the academic year 2016-17, we invited to tribal girls to share their issue with the student in the class.
* Conducted one day workshop with the student on requirement of media industry today, we invited the eminent media professional for the training of students.
* As a part of exhibition workshop we open the exhibition for all people. Our theme is "Beti Bachavo" and we also invited some girl students for the participants in the exhibition
* We designed the smart class without benches so, that we can use the class participation.

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	260 Acrs.	---	---	---
Class rooms / Buildings	54	23	---	77
Laboratories	44	12	---	56
Seminar Halls	12	05	---	17
No. of important equipment's purchased ($\geq$ 1-0 lakh) during the current year.	67	51	---	9,02,503
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 the major 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.
- Development and maintenance of University Website.
- Provides 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, provides internet services in all the computers.
- Provides 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	3,62,785	---	3,605	38,90,754	3,66,390	---
Reference Books						
e-Books	---	---	1,50,000 + 1,581 (Perpetual & Subscribe base)	19,92,492 + 1,13,00,485	---	---
Journals	282	3,30,352	---	---	---	---
e-Journals	10,000	---	---	---	---	---
Digital Database	(INFLIBNET)	---	---	---	---	---
CD & Video	3,500	---	---	---	---	---
Others (specify)	---	---	---	---	---	---

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Depart-ments	Others
Existing	1351	676	All 1000 MBPS	000	40	128	547	Server 27 Printer153 DMP 10 Scanner 18 Laptop 94
Added	200	0	0	0	0	100	100	
Disposed off	200	0	0	0	0	100	100	
Total	1351	676	0	0	40	128	547	Server 27 Printer153 DMP 10 Scanner 18 Laptop 94

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, provides internet services in all the computers. Computer Centre provides basic computer training to various groups of employees including faculties and admin staff.
- Wi-Fi enabled campus
- Moving towards paperless office

4.6 Amount spent on maintenance in lakhs :

   i) ICT
<div style="border:1px solid">65.36</div>

   ii) Campus Infrastructure and facilities
<div style="border:1px solid">260.99</div>

   iii) Equipments
<div style="border:1px solid">59.50</div>

   iv) Others (In Rs.)

Insurance	6.56
Other	25.11
Furniture	15.38
Electricity	173.32
Street Light Maintenance	0.49
Water	72.32
Gardening	20.67
New Furniture	38.02

Total :
   737.72*

* 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

665 students placed during this year with an average package of Rs. 2.50 Lakhs. Regular feedback on course and methodology, lectures by the renowned personality has been arranged in the departments. Students have been awarded for their future prospects,. Campus interviews are conducted, 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 to brief the students about curriculum, scope of the program & extracurricular activities. The department is catering to the needs of students belonging to 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. 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. WDC has regularly conducted many programs / seminars / workshops / interactive forums for students and staff welfare.

Participation in "Seminars" teachers day celebration, and invited Lectures by experts "contribute to self management of knowledge development and skill formation. Students are also doing field work for practical trainings. During the year students are presenting seminars which motivate them for doing research and they do projects on various topics by which they deal with real life situation. Computer software teaching and practical on computers have made innovations in the last few years and this learning is very much helpful in the placement of students in the industry and pharmaceutical companies. Students are made aware of use of Computer software's in solving real life problems of industries, pharmaceutical companies, medical fields etc. Also they are learning through educational tours.

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.

- 13 MoU have been signed for the Development & Research innovation and placement.
- Proposal for CERI and GUPIER is prepared.

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. Periodically meeting is arranged with head of the departments to know the requirement of students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	M. Phil
32	2454	261	66

(b) No. of students outside the state

> 5% of total seats are reserved for them

(c) No. of international students

> 15 (From countries like................

Men	No	%
	918	32.63

Women	No	%
	1,895	67.37

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1,214	238	192	542	7	2,193	1,267	249	208	605	16	2,355

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 provides timely counseling to their students for the preparation.
>
> University has established separate IAS Study Centre for competitive exams

No. of students beneficiaries   1,090

5.5 No. of students qualified in these examinations

NET   12   SET/SLET   25   GATE   0   CAT   0

IAS/IPS etc   4   State PSC   11   UPSC   0   Others   13

5.6 Details of student counseling and career guidance

> University has active student's placement and counseling centre. University organizes placement camp twice in a year while career guidance seminar is organized every quarterly use. Number of students not only from the university but also from affiliated colleges takes part in these events. 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 are encouraged utilizing the opportunities. University has also established information centre for internal, external and students for all the types of students.

No. of students benefitted   1,012

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
37	443	247	174

5.8 Details of gender sensitization programmes

> These programmes are conducted by Women's Development Cell of the University. Seminar on Marital and Property Rights of Women in Different Religions, workshop of Emotional Quotient. International Women's Day Celebration, Women Empowerment week is celebrated every year. Most of the affiliated colleges also have CWDC, and such programmes are arranged at their institutions. University also organizes various programmes like Women Empowerment, Self Defense, Health & Nutrition awareness etc…

5.9 Students Activities

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

State / University level   81   National level   8   International level   0

No. of students participated in cultural events

State/ University level   66   National level   2   International level   0

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

Sports : State / University level   4   National level   0   International level   0

Cultural: State / University level   17   National level   1   International level   0

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	1	---
Financial support from government	258	18,07,820
Financial support from other sources	6	17,80,000
Number of students who received International/ National recognitions	---	---

5.11   Student organized / initiatives

Fairs   : State/ University level | 3 | National level | 0 | International level | 0 |

Exhibition: State/ University level | 3 | National level | 2 | International level | 2 |

5.12   No. of social initiatives undertaken by the students | 47 |

Blood donation camps are arranged and used clothes are collected by the students and distributed to the needy people. Education fair was also organized by the university. Tree Plantation camp, Education Expo, Cleanliness camp, No Vehicle day, Workshop on Cashless Society.

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. Student admissions, registrations, examinations and other add on process is online. For finance and State Government Grants, University is using IFMS System devised by department of Higher Education Government of Gujarat. For Central Government Grants University has registered on PFMS Portal.

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, Smart Class Rooms with facility of multimedia.
- Problems of the students are given special attention.
- All the teachers are provided with computer facility with internet.
- The 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.
- First Aid responded training was given to students and teachers from science department.
- Active learning laboratories.

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. Record of internal assessment fully computerized - central valuation for end semester examination - results processing fully computerized.

6.3.4 Research and Development

More than 42 research projects on various themes are awarded to the faculties.
Faculty members have published 405+ publications related to their research field.
More than 40 books where published / edited by the faculty members.
For research and development projects, an amount of Rs.12 Crores is received from various funding agencies.
About 368 faculty members from affiliated colleges and universities attended programmes of Academic Staff College for the necessary training.

6.3.5 Library, ICT and physical infrastructure / instrumentation

RFID System installed in the library. 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. The entire campus is under CCTV surveillance and free WI-FI facility.

- Indoor and outdoor sports facilities available.
- In-house facility to fabricate lab equipments.

6.3.6 Human Resource Management

University runs a consumer store, recreation club, day care centre for children of staff members, fully equipped hospital and health centre, and cooperative society for the benefit of staff members.

University is also organizes academic cultural and leisure tours at Regional level, State level, National level and International level for staff members.

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.

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 99 no of Assistant Professor, 91 no of Associate Professor, 41 no of Professor and 4 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. Total 13 MoUs have been signed by Gujarat University for research and exchange of students. Department of Commerce has done MoU with Question Pro Company for research purpose. And the department is also planning to do MoU with ICSI.

6.3.9   Admission of Students

- The entire admission process right from filling the form till payment made by the students for the admission is done online.
- 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 counseling is provided for career opportunities and competitive exams.

6.5 Total corpus fund generated   Rs. 5,12,24,985

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) have 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 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. Hall tickets are printed with the candidates photograph and other necessary information.
2. Date of examinations and the schedules are put on website of the university.
3. Results are communicated through SMS to the students.
4. Any change in date of examination or change in schedule is informed to the students and colleges through website.
5. 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.
6. For the interest of the students provisional e-mark-sheets are also provided.
7. University observers are appointed to monitor the conduction of examinations.
8. 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 faculty in the colleges is 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 requirements of the institution.
9. Certain colleges have freedom to design their own syllabus

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. Garba Festival was organized by Alumni Association where more than 12,000 past students participated.
7. To connect all past students Google group namely alma connect is created where students can give their feedback and suggestion.

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. 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

Criterion - VII

7. <u>Innovations and Best Practices</u>

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

- Gujarat University has established GUSEC (Gujarat University Start-up and entrepreneurship Council) to support student's start-up, student's entrepreneurship and student's innovation. Large number of students visited start-up centre to understand the concept of start-up entrepreneurship and innovation.
- 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. 13 MoU's have been signed during the year of which one MoU is signed with University of Life Sciences, Lubin, Poland.
2. 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.
3. GUSEC is the only Zero-day Zero-cost start-up support system by a University in India which provides plug-and-play co-working space, access to mentor boar, business guidance, funding opportunities and access to University resources like Laboratories, Conference Hall, Meeting Rooms etc.
4. First installment of RUSA is received during the year and utilized, and requisition for the Second installment is sent.
5. Vacant post is also recruited during the year.
6. Funds received from State Government to establish APJ Abdul Kalam Centre for Research and innovation to do quality research and innovation.
7. Proposal for GUPIER worth Rs.150 Cr. is sent to Government of Gujarat.
8. Proposal for Sardar Patel Sports Complex is approved and the first installment is released by the Government of Gujarat. The complex is designed to provide Olympic standard facilities.
9. Considerable support was provided to the affiliated colleges for implementation of semester system.
10. 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)*

- Start-up and innovation centre
- Optimum use of solar energy in the campus
- Faculty development programs

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
- West Management System
- Silence Zone awareness on campus
- Landscaping
- Tree Plantation
- Regular Cleaning of Campus
- Reduction in Plastic Waste
- Swachhta Abhiyan
- Conservation of energy by using solar and other alternative natural resources

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, World class level infrastructure, Examination Reforms, Alumni connection, Strong and active NSS unit.
- **Weakness :** Student teacher ratio
- **Opportunities :** Student placement ratio, Alumni Association is to be registered
- **Threat :** Private University

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

ACADEMIC ACTIVITIES
- To organize various activities to promote start-up and innovation in the state of Gujarat.
- To create conducive environment to quality research.
- Efforts will be made for Foreign Collaboration and industry academia interface.
- To increase number of activities related to start-up and innovation.
- Emphasis will be given to enroll maximum number of M. Phil. & Ph. D. Students to enhance the research activities.
- Research activities are to be promoted and to established linkages with other organizations and universities.

SYSTEMIC DEVELOPMENT
- Attempts will be made to fill remaining 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
- To establish Separate chamber for Alumni Association
- To establish Sports Complex of International standards
- To establish Separate centre for Research and innovation which will be known as APJ Abdul Kalam (CERI).
- To establish Am phi Theatre with capacity of 500 students
- To increase the utility of existing infrastructure
- Development of eco-friendly campus of the university
- To establish Hostel both for boys and girls with latest amenities having a capacity of 1000, this hostel will be available for reserved category students.

PLAN ACTIVITIES
- Emphasis would be given to utilized funds received under RUSA and 12th Plan of UGC.

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

_____   _____
Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*