



## **Incremental Improvements by Internal Quality Assurance Cell, Gujarat University**

With the permission of the Chairperson, team IQAC recalled the following recommendations given by the 2<sup>nd</sup> Cycle NAAC PEER Team. A committee was formed to look after the same.

The committee informed all the members that university has successfully followed the instructions / recommendations given in the P.T.R.

1. Gujarat University has regularly conducted the recruitment process Following is the information of the last five years recruitment:

<b>Name of the Post</b>	<b>2015 - 16</b>	<b>2016 - 17</b>	<b>2017 - 18</b>	<b>2018 - 19</b>	<b>2022-23 Promotion</b>	<b>TOTAL</b>
<b>Assistant Professor</b>	15	10	03	12	20	<b>60</b>
<b>Associate Professor</b>	03	14	03	---	5	<b>25</b>
<b>Professor</b>	---	05	02	---	22	<b>29</b>
<b>Total</b>	<b>18</b>	<b>29</b>	<b>08</b>	<b>12</b>	<b>47</b>	<b>114</b>

2. Two Departments i.e., Biochemistry and Forensic Science were merged. Dept of Microbiology has applied for DST-FIST and presentation made.
3. Following 45 New courses have been introduced since 2018 in various PG streams.
  1. Toxicology
  2. Pharmaceutical Science
  3. Cyber Security & Forensics
  4. Diploma Certificate in Medical Laboratory Technology
  5. Diploma Certificate in Assisted Reproductive Clinical Embryology

6. MSc Geo-informatics
7. MSc Geology
8. Five Years M Sc Integrated Course in Applied Geology
9. Horticultural Science & Garden Management
10. Constitutional Law and Legal Order
11. Human Rights and Duties
12. B. Com LLB Five Years Integrated Courses
13. Environmental Law
14. Diploma Certificate in Comparative Studies in the Leadership Perspectives
15. Diploma Certificate in Research Methods
16. Diploma Certificate in Materials and Operations Management
17. Diploma in Wildlife Biology and Conservation
18. M. Sc. in Wildlife Biology and Conservation
19. Diploma Certificate in Business Analytics
20. Diploma Certificate in Forensic Accounting and Financial Fraud Investigation
21. Diploma Certificate in Teaching Learning and Research in Higher Education.
22. Diploma in GST
23. MBA in Business Economics and Public Finance
24. MBA in Event Management
25. MBA in Public Policy Management
26. MBA in Defence Management – IDSR
27. Diploma Certificate in Public Finance and Economics
28. MBA in Business Intelligence
29. MBA in Disaster Management – IDSR
30. Diploma Certificate in Data Analysis
31. Diploma Certificate in Aerospace and Aviation Sciences
32. Diploma Certificate in Cyber Security
33. M. Sc. Applied Mathematical Science
34. M. Sc. Integrated Data Science
35. M. Sc. Integrated AIML
36. Post Graduate Diploma in Actuarial Science
37. M. A. in Indic Knowledge System
38. M. A. in Comparative Religion
39. M. A. in Manuscriptology
40. Certificate course in Vedant
41. Diploma in Indic Manuscriptology
42. Diploma in Indic Paleography
43. Diploma in Indic Education System
44. Diploma in Indic Philosophy
45. Certificate course in Indic Knowledge and Tradition

4. Gujarat University has established the following cells and a chair.

- a. Gujarat University Faculty Research Promotion Cell (GUFRPC)
- b. Gujarat University Doctoral Research Cell (GUDRC)
- c. Dr. Vikram Sarabhai Chair (GUVSC)
- d. Dr. Ambedkar Chair (GUAC) (Sponsored by the Govt of Gujarat)
  - Stipend of Rs. 12,000/- p.a. are given to the students of research.
  - Reimbursement of Rs. 1 Lacks (approx.) for Patent Filing,
  - Award for paper publishing with I.F. more than 5
  - SHODH grant for the young scientists.
  - Science Excellence Award
  - Rajiv Gandhi Scholarships
5. More than 50 MoUs / linkages established with various Govt, Non-Govt organizations/Institutions.
6. 360° feedback system has been started.
7. Choice Based Credit System is successfully implemented in all affiliated colleges. Academic Calendar, Exam Pattern, Result are set accordingly.
8. E-governance has been in almost all part of the university.
  - 100% online admission process
  - 100% online examination process
  - Departments have their own management information system.
  - The Computer Science Dept has been established.
    1. Dissertation in E- Mulyankan,
    2. Students Corner-'E-Sampark'
    3. ICT enabled Teaching.
  - Fully digitalization of Accounts Department.
  - Online application system with File Tracking facility.
9. Centralized Placement and Career Counseling Cell be strengthened with in-person and electronic placement services.
  - GUSEC / AEC - GUSEC gives all types of help to students under the placement program of Gujarat University.
  - Appointment of Regular Placement Officers
  - Regular Counseling at Department level.
  - MoUs with industries for future requirements
  - MoUs with foreign universities for Curriculum Development, Student Exchange etc.
10. All facilities are provided for the students.
  - Modern Hostel
  - Modern furniture
  - Wi-Fi enabled Campus.
  - ICT enabled Smart classes in all departments.
  - special facilities for differently able staff students

- (Ramp, Elevators)
11. Gujarat University Alumni Association has been constituted along with its own office and nodal officer.
- Registered Alumni Association with its own office and nodal officer
  - Activities started at Department level.
  - Fund raising activities for university development.
12. Enveloped mechanism for employee and student friendly, inclusive friendly work environment be created by establishment of crèche, introduction of childcare leave, revival of sabbatical leave, annual performance-based awards, 24x7 hospital facility with resident doctor, improved residential accommodation, recreational and sports facilities and non-teaching staff.
- a. University organize Orientation Sessions for newly admitted students in SEM-I.
  - b. IQAC has started awarding faculty members on the basis of yearly performance in Research Papers, Patents and Ph. D. for non-teaching staff.
  - c. Gujarat University has also established a childcare center with all facilities and amenities in the campus.
  - d. Gujarat University is following all rules and regulations of UGC for Childcare leave and sabbatical leave.
  - e. Hospital Facilities are available for staff and students.
  - f. Hostel facilities are increased and numbers of students getting benefits have also been increased. At present total 1800 male students and 1300 female students can stay in hostel. While 85 number of NRI male students and 50 number of NRI Girls students can also stay in newly established NRI hostel.
  - g. Sports Grounds with amenities for staff and students
13. Remedial classes, audited courses, add-on courses, soft-skill development, field work, internship, industry visits be systematically developed, conducted, and analyzed to improve experiential learning.
- At Physics department
    - Project work at Sem. III & IV in M. Sc. Physics.
    - Project work at all semesters at M. Sc. (Electronics)
    - Interaction session with distinguished visitors.
    - Meeting of Research scholars with DAS-SAP External experts.
  - Remedial Classes, Soft-skill development, Internships are there.
  - Short Term Courses for Skill Development introduced in 2019.
    - Folk Music
    - Art and Artist Management

- Teacher's Training Program
- Informal way along with Classroom Teaching and Counseling in Life Science department.
- Dept of Education arranges.
  - 1) NET-SLET Classes for Students
  - 2) Slow Learner Remedial classes
  - 3) Internship for M. Ed Students
  - 4) Educational visits for M. Ed, M. Phill and Ph.D. students.
- Department of Maritime Management organizes.
  - Expert Lecture
  - Soft Skills
  - Industry visit.
- Department of Law
  - as per BCI guideline each year integrated law students have to do internship for four weeks.
  - Academic tour & sight visits are arranged every year.
  - B. LL.M. there is 100 no's is allotted to clinical work where students have to join NGO/s for 20 days. (10+10)
- The language department runs following courses.
  - Diploma in Ayuryoga
  - Diploma in Film Making
  - Certificate course in Happiness Counseling.
- Library and Information Science runs
  - Soft Skill (Communication and Writing Skills)
  - One month Internship after B.Lib.I.Sc. and M.Lib.I.Sc.
- Plan and implement of remedial classes, value added course, industrial visits by dept of Microbiology.
- In Psychology department
  - Internships for students of Clinical Psychology as well as work psychology.
  - Students are assigned field work every year wherein they visit various NGOs hence enabling the students to put theories of psychology into practice.
  - Industrial visits are organized for students of work psychology.
  - Various workshops, seminars, webinars, conferences, and exhibitions so that students get firsthand experience of the field of psychology.
- Value added courses at Biochemistry and Forensic Science
  - PG diploma in Medical Laboratory technology

- PG diploma in assisted reproductive technology and clinical embryology.
- Certificate course in Ethical Hacking and cyber security
- Certificate course in Tobacco cessation specialist
- Certificate course in lifestyle
- Field work and internship at Central and state Forensic Science Laboratories, GPCB
- Industrial visit at systematically developed, conducted, and analyzed to improve experiential learning.
- In Botany and Zoology dept also Remedial classes, value added courses, add-on courses, soft-skill development, field work, internship, industrial visit is being done regularly by the department.
- In Chemistry department Remedial classes are being conducted for weak students. Field work, internship, industrial visit/training are part of the curriculum of post-graduate students.
- School of Commerce has introduced Remedial Classes, Value added courses, soft skill courses, internship and industrial visit.
- Geography Department arranges Remedial classes for Slow learner students.
- Labour Welfare Department arranges.
  - field work, internship
  - industrial visit (part of the curriculum)
  - soft-skill development workshops conducted for Sem-4 students as part of curriculum.
- In Statistics dept Remedial Coaching was conducted in 2019
  - Guest lectures on Soft Skill and Personality Development in 2018
  - Two HPP certificate value added courses were implemented in 2019, namely.
    - Biostatistics
    - Introduction to Data Analysis
- The Department of Philosophy introduced.
  - Courses for Soft-Skill development
    - (1) Logical Reasoning for Competitive Exams and Logic Teacher.
    - (2) UPSC, GPSC, NET and SLET)
      - (1) Symbolic Logic and Advanced Symbolic Logic
      - (2) Indian and Western Philosophy.
      - (3) Indian and Western Ethics.
      - (4) Philosophy of Religion.

- (5) Contemporary Indian and Western Philosophy.
- (6) Socio-Political Philosophy
- Value added courses as a part of MA Philosophy syllabus:
  - (1) Indian Ethics
  - (2) Philosophy of Education
  - (3) Western Ethics
  - (4) Philosophy of Religion
  - (5) Indian Aesthetics
  - (6) Western Aesthetics
  - (7) Philosophy of Bhagvad Geeta
  - (8) Yoga Philosophy and Psychology
  - (9) Environmental Philosophy
- Project work as Dissertation, as a part of Philosophy syllabus is done by 42 students during last five years.
- Field work to improve experiential learning:
- In 2018-19, the Study tour to Gujarat Vidyapith – its library, Adivasi Sansthan Kendra, Jainology department, Peace-Research Center, Gandhian Study Center etc. visited.
  - Internship for M.Ed. Students
  - Educational visits of Industries, NGOs, Great Institutions, Historic places.
  - Expert Lecture Series
  - Weightage to Field Work

Apart from the above list of courses university is also having finishing school and a separate IAS Training Center for students.

IQAC of Gujarat University has designed 360-degree feedback mechanism wherein, reviews for program outcomes, program specific outcomes and course outcomes are being evaluated not only from the students but also from the teachers and alumni. The learning outcomes are reflected in following criteria.

1. Learning value (In terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)
2. Applicability / relevance of course / program to real life situations.
3. Depth of the course content.
4. Extent of coverage of course.
5. Extent of effort required by students.
6. Relevance / learning value of project / report.
7. Placement cell activities.
8. Counselling cell activities.

Mechanism for internal evaluation (Assignment, Field Visit, Presentation etc.)

IQAC Gujarat University has taken following Quality Enhancement Initiatives in the academic and administrative domains in last five years.

**For Research & Innovation :** IQAC Gujarat University has recommended following initiatives for Quality research in the campus.

- To provide seed money to teaching faculties who are publishing papers in a journal having Thomson Reuters impact factor of five and above. (So far Rs. 1,35,000 has been paid to faculty members since 2016)
- To provide Rs. 25,000 to those who are filing patents the figure is apart from the expenditure which are to be paid for registration of patents. (So far Rs. 1,50,000 has been paid to faculty members since 2016)
- To provide seed money of Rs.5,000 to those who are working as non-teaching staff members and publishing papers in Quality Journals. (So far Rs. 15,000 has been paid to faculty members since 2016)
- **To provide Rs. 1,000 per month to research scholar for meeting contingency expenditure. (So far Rs. 1,35,000 has been paid to faculty members since 2016)**
- To establish research park in the campus. (Gujarat University has established and which is now functioning two research parks in the campus which are very well equipped with world class furniture High tech laboratories and excellent infrastructures-one research park is known APJ Abdul Kalam Centre for Extension Research and Innovation and the other is known Gujarat University Park for industrial extension and research)
- To apply to various agencies for research grant for which IQAC has conducted many workshops, conferences, seminars, and faculty development programs.
- To conduct 100 hours research training to all Ph. D. Scholars apart from the regular training.
- Started post-doctoral cell and to establish chairs (Dr. Vikram Sarabhai & Dr. Babasaheb Ambedkar Chairs).
- To purchase high end equipment's for research laboratory.
- To sign MoU with multinational companies, research organization and foreign university for joint research (So far 35 MoUs have been signed which are functional).
- IQAC also drafted Research and Innovation Policy, Consultancy Policy, IPR Policy, Swayam Policy.
  1. IQAC Gujarat University has also designed strategic plan from 2018 to 2023 for five years, which is also regularly monitored by the IQAC.



2. IQAC Gujarat University has also developed SLOs (Student Learning Outcome) in coordination with faculty members and HoDs.
3. IQAC has also designed manual for best / unique and innovative practices.
4. IQAC has also submitted proposal to different agencies for funding which includes RUSA, MHRD, KCG, Center of Excellence Climate Change department.
5. IQAC has also actively participated in many ranking and rating agencies for which Gujarat University has received many accolades, to name a few certificates of appreciation from government of Gujarat, from MHRD, IPPO etc. IQAC has also received certificate of NIRF, GSIRF, ARIIA, ISO, Green Audit and Gender Audit etc.

<b>Accreditation, Ranking and Audit Framework</b>	<b>Position of Gujarat University</b>
National Institutional Ranking Framework (NIRF) 2020	University Category : 44 Overall Category : 60
National Institutional Ranking Framework (NIRF) 2021	University Category : 43 Overall Category : 62
National Institutional Ranking Framework (NIRF) 2022	University Category : 58 Overall Category : 73 Management Category : 99
National Institutional Ranking Framework (NIRF) 2023	University Category : 61 Overall Category : 85
National Institutional Ranking Framework (NIRF) 2024	State University Category : 29 University Category : 76 Overall Category : 94
Gujarat State Institutional Ranking Framework 2019	1 <sup>st</sup> Position in the State of Gujarat
Gujarat State Institutional Ranking Framework 2020	1 <sup>st</sup> Position in the State of Gujarat
Gujarat State Institutional Ranking Framework 2021	1 <sup>st</sup> Position in the State of Gujarat
Gujarat State Institutional Ranking Framework 2022	1 <sup>st</sup> Position in the State of Gujarat
Gujarat State Institutional Ranking Framework 2023	1 <sup>st</sup> Position in the State of Gujarat
Gujarat State Institutional Ranking Framework 2024	1 <sup>st</sup> Position in the State of Gujarat

Atal Ranking of Institution and Innovation Achievements 2020	6 <sup>th</sup> Rank
Government of Gujarat	SSIP Prashansha Award 2019
Government of Gujarat	Special Appreciation to University for Placement 2019
Certificate of Recognition by IPPO	Hall of Fame Honors 2019
Ministry of Home Affairs Government of India	Healthy Campus Award 2018
Government of Gujarat	Excellence award in Startups 2018
Youth Wing and Brahmakumari Award	Walk for Young Women Dignity 2018
Global Academic Assessment Consortium	Gender Audit 2019-2022
Global Academic Assessment Consortium	Eco Audit 2019-2022
International Quality Certification UK	ISO 9001-2015
IAF and GAC	ISO 14001-2015
World Book of Record UK	World Book of Records 2019
World Book of Record UK	World Book of Records 2020
World Records India	World Records India 2019
World Records India	World Records India 2020

6. On Recommendation of IQAC, Gujarat University has also started GUSEC (Gujarat University Startup and Entrepreneurship Council) and Finishing Schools.
7. On recommendation of IQAC, Gujarat University started Utility and Branding Store for student which is now known as VIDHYASHREE.
8. Internal Quality Assurance Cell, Gujarat University has organized five online certificate course and workshops.
  - Online certificate course on Scientific Research Righting from 31<sup>st</sup> January 2022 to 6<sup>th</sup> February 2022.
  - Online Workshop on Intellectual Property Right Jointly Organized with WIRC - ICAI between 5<sup>th</sup> September to 10<sup>th</sup> September 2022.

- Online Faculty Development program on Quality Enhancement in Higher Education 21<sup>st</sup> January 2021.
- NEP-2020 awareness program has been organized by the IOQAC Gujarat University for all BOS members from different discipline on 18<sup>th</sup> & 19<sup>th</sup> August 2022.
- NEP-2020 Implementation program has been organized by IQAC Gujarat University for all the principals and NEP Nodal Officers of affiliated colleges on 16<sup>th</sup> January 2023.