INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)

Accreditation - (Cycle - 1)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
PARUL UNIVERSITY
U-0763

Vadodara
Gujarat
391760

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Section I:GENERAL INFORMATION

1.Name & Address of the institution:	PARUL UNIVERSITY Vadodara Gujarat 391760
2.Year of Establishment	2015
3.Current Academic Activities at the Institution(Numbers):	
Faculties/Schools:	21
Departments/Centres:	38
Programmes/Course offered:	193
Permanent Faculty Members:	1527
Permanent Support Staff:	3776
Students:	43176
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Holistic & Integrated Healthcare-Health for all surroundings 2. Entrepreneurship Development Centre 3. Good Infrastructure with a sprawling green campus
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 13-02-2023 To : 15-02-2023
6.Composition of Peer Team which undertook the on site visit:	

	Name	Designation & Organisation Name
Chairperson	DR. BIJOY KUMAR NANDA	FormerVice Chancellor,VSSUT BURLA
Member Co-ordinator:	DR. PRAMOD YEOLE	Pro-Vice Chancellor,RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY NAGPUR
Member:	DR. SHANKAR RAO	Professor,NATIONAL INSTITUTE OF AYURVEDA
Member:	DR. CHANDRASEKHAR KOTHAPALLI BANNOTH	Vice Chancellor,Krishna University
Member:	DR. PROF. (MAJOR) VINEETA PATHAK PATHAK	Professor,DEEN DAYAL UPADHYA GORAKHPUR UNIVERSITYGORAKHPUR
Member:	DR. PROF SUDHIR P K	Vice Chancellor,Vinayaka Missions Research Foundation Deemed to be University
Member:	DR. MONICA CHAWLA	Professor,punjabi university

Section I:GENERAL INFORMATION		
Member:	DR. MOHAMMED ALTAF KHAN	Professor,JAMIA MILLIA ISLAMIA
NAAC Co - ordinator:	Dr. L. Manjunatha Rao	

Section II:CRITERION WISE ANALYSIS	
Observations (Strengths and/or Weaknesses) on each qualitative metrices of the key Indicator under the respective criterion(This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)	

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrices(QlM) in Criterion1)	
1.1	Curriculum Design and Development
1.1.1 QlM	Curricula developed and implemented have relevance to the local, national, regional and global health care needs which are visible in Programme Outcomes (POs), and Course Outcomes (COs) offered by the University, as per the norms of the Regulatory Bodies.
1.1.3 QlM	Provide a description of courses having focus on competency/ employability/ entrepreneurship/ skill-development offered either by the University or in collaboration with partner Institutions/Industries during the last five years
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QlM	Institution integrates crosscutting issues relevant to Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the curricula
1.3.4 QlM	Students undertaking field visits / research projects / Industry internships/ visits/Community postings as a part of curriculum enrichment
1.4	Feedback System

Qualitative analysis of Criterion 1

The university aims at producing skilled and expert facilities through its various programs for fulfilling local, national, regional and global needs. University has developed its curriculum as per requirement of the regulatory bodies. Curriculum is updated regularly which is reflected in the respective program and course outcomes. Skill/practical based learning, research-based curriculum, industry related projects, entrepreneurship & innovation practices and international mobility programs initiatives are taken to bridge the gap.

The university has developed facilities like tinkering hub, fabrication labs, advanced skill and simulation centre, AR VR lab, language lab and Moot Courts for skill development in relevant fields. University has developed associations with various hospitals for clinical, hands on and scientific trainings in medical, nursing homeopathy, ayurvedic, pharmacy & physiotherapy. The university has also similar tie-ups for engineering & technology and agriculture courses. It has training & placement cell, centres of excellence and entrepreneurship development centre for developing competency, employability and entrepreneurship.

The curriculum of the university sensitizes the students on social, environmental, ethical and professional issues. The Women's Development Cell (WDC) regularly organizes seminars, workshops and programs on women empowerment, gender stereo types, etc. Courses of the programmes sensitizes the students on gender issues such as equality, women social-economic and [political empowerment, gender healthcare and justice. University organizes programmes like tree plantation drive, waste management campaigns & workshop for promoting environmental awareness. Programmes and teaching learning processes on health-related issues are emphasized. University equips its medical students with value-based education through health-check-up, blood donation, awareness camps and education programs in rural areas.

Field visits to Sewage treatment plants, Water treatment plants, Baroda diary, Mental Hospital, Primary Health

Centre, Community Health Centre, Government Botanical Garden, industries like Zydus Cadila, Alembic Research Centre, TCS, Wipro, etc are conducted. Students of Faculty of Medicine regularly participate in the research project scheme Short Term Studentship funded by ICMR. University provides opportunities to Engineering and Computer Science students for research through SSIP funded projects like Aeroponic, Vertical Farming and peripheral health centres are also conducted. University incorporated community postings in curricula to provide students understanding of the issues and concerns of communities which needs posting of nursing and medical students at Primary Health Centres, Community Health Centres, District Hospitals, etc.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrices(QlM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.3	Teaching- Learning Process
2.3.1 QlM	Student-centric methods, are used for enhancing learning experiences by: • Experiential learning • Integrated/Inter-disciplinary learning • Participatory learning • Problem-solving methodologies • Self-directed learning • Patient-centric and Evidence-based learning • The Humanities • Project-based learning • Role play
2.3.3 QlM	Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.4 QlM	Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.
2.6	Student Performance and Learning Outcomes
2.6.1 QlM	The institution has stated learning outcomes /graduate attributes as per the provision of Regulatory bodies which are integrated into the assessment process and widely publicized through the website and other documents
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2
The students in Medical Science, Nursing, Ayurvedic, Physiotherapy, Public Health and Pharmacy undergo extensive clinical posting which provides clinical learning and community postings. University provides experimental learning through laboratory practices such as Animal House, Pharmacy Laboratories, Pharmaceutical Industries and State of the Art Skill Lab (Advance Simulation Lab). Ayurvedic Herbal Garden provided various treatment methods to Ayurvedic students. Health Sciences programs provide participatory opportunities through epidemiological community surveys. Students are engaged in technical events like Physio-Summit, Pharma-Fest, Tech-Expo, Projections, Ayur-Fest, X-Plore, Prathibha Mohatsav, Medi-fest, etc. University has also introduced various innovative platforms and programs like fabrication Lab, Tinkering

Hub. Etc.

Information and Communication Technology Cell provides technical assistance for ICT, E-Content, Development and other online teaching-learning processes. Faculty members have been trained on various tools such as Edorer by World Assessment Council, Google Meet, Zoom, etc. University developed e-learning platform PULMS to expose the students to various resources and value-added courses. The university has other e-resources like DELNET, Knimbus M-Library, Sodhganga, e-Sodha Sindhu, SWAYAM, NDLI, etc.

The examination system has been digitised and automated through Management Information System Network (PUMIS) to integrate all the pre and post examination activities. Assessment methods are followed as per guidelines of respective regulatory bodies like MCI, PCI, NCH, NCISM and approved by the University Academic Council. Each subject/course is evaluated both internally and externally. University puts continuous efforts for developing examination systems and procedures. As a part of its system upgradation, university introduced online examination platform to effectively conduct examinations during pandemic times.

University adheres to the guidelines of regulatory bodies such as NMC, PCL, NCH, GNC, NCISM, COA and BCI. For the program outcomes and learning objectives of the medical program, university follows the regulations of National Medical Commission (NMC). Competency based Medical Education Curriculum (CMEC) is used for training the students. To meet the objectives of health sciences program methods like OSCE/OSPE, Formative Assessment, Bed Side Exams, Observation of Log Books, Community Posting, Hospital Internships, end/mid semester examinations, practical examinations, projects, dissertations, etc. are conducted. Regular feedbacks are taken from the students, teachers, employers and professionals on the curriculum. The course outcomes and program outcomes are published on the website and student's booklet. COs, POs and PSOs are also discussed by the teachers in the classrooms.

Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrices(QlM) in Criterion3)	
3.1	Promotion of Research and Facilities
3.1.1 QlM	The institution has a well defined Research promotion policy and the same is uploaded on the institutional website
3.2	Resource Mobilization for Research
3.3	Innovation Ecosystem
3.3.1 QlM	Institution has created an ecosystem for innovations and entrepreneurship with an Incubation centre, entrepreneurship cell
3.3.2 QlM	Workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and Industry-Academia Collaborations during the last five years
3.4	Research Publications and Awards
3.5	Consultancy
3.5.1 QlM	Institution has a policy on IPR and consultancy including revenue sharing between the Institution and the individual, besides a training cum capacity building programme for teachers, students and staff for undertaking consultancy
3.6	Extension Activities
3.6.3 QlM	Number of awards and recognition received for extension and outreach activities from Government / other recognised bodies during the last five years
3.6.4 QlM	Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years
3.7	Collaboration

Qualitative analysis of Criterion 3

Centre of Research for Development promotes research initiatives and policies. University has formulated many committees like Research Advisory Council, Human Research Ethics Committee, Animal Ethics Committee, IPR Committee and Publication Monitoring Committee to administer the policies. IPR Cell organizes workshops and programs for faculties, researchers and scholars and a mechanism is available for scrutinizing drafts for patents, copyrights and filing. All the ethical committees of the university are registered with the respective regulatory bodies and this administers ethics in research in line with human and animal research initiatives. University encourages publications in Web of Science, SCOPUS, Pub Med, and UGC CARE journals. University provides supports for research grant applications to ICMR, GUJCOST, DST and AICTE.

University has established incubation centre and entrepreneurship development centre which provides support to the students & faculties from ideation, initiation, incubation, funding and investments as well as scaling. University has incubated about ninety start-ups in last five years. It has also set-up incubation centre dedicated to school innovations under the support and funding of the Directorate of ICT & e-Governance, Department of Science & Technology, Govt of Gujarat. University usually conducts entrepreneurial talks, start-up festivals, awareness camps and workshops to popularize these initiatives. The university has also received awards and innovation grants.

The university has conducted about one hundred workshops & seminars in the last five years. About one hundred and fifty faculty members have participated and completed training programmes. It also gives regular

trainings on good clinical practices to doctors, health care researchers and pharmacists. The laboratories are equipped with advanced instrumentation and clinical laboratory is accredited by NABL. Seminars on relevant themes such as Industry-Academia meet on importance of documentation in Pharmaceutical Industries, Pharmacovigilance, Validation of Analytical Procedures, etc. are organized. University organizes regular workshops on research methodology and proposal. It also conducts workshops, seminars and, conferences in collaborations with Industry Associations such as Federation of Gujarat Industries, Vadodara Chamber of Commerce & Industries and Baroda Management Association.

University has established GUGCOST, a recognised IPR Cell which functions under the Centre of Research and Development. It provides guidance for patenting and copyrighting as well as financial assistance for IPR processes. It has a well-defined process for securing Intellectual Property Rights like disclosure of intellectual property, confidentiality of agreement, disclosure of the source of funding and non-infringement disclosures. University organises various workshops, seminars and training sessions on IPR for capacity building. University has a consultancy cell which encourages its faculties for consultancy to bridge the industry gap, harness new knowledge and develop innovative solutions. Both IPR and Consultancy policy have guidelines for revenue sharing between the individual and university.

Constituent institutes conduct extension and outreach activities such as health check-up camps, medical camps, computer literacy programs Swachh Bharat drives, plantation, etc. University has received about fifty awards and recognitions from International Organizations like WHO and National Organizations for contributions to the society. Some of these include WHO – Mission Indradhanush award for promotion of Vaccination Initiatives, award by Indian Red Cross Society for 100% Thalassemia testing for 1st year university students, etc.

The university has established the Social Responsive Cell which conducts healthcare, ecological and socio-economic welfare programs. These programs include role of technologies in rural areas for skill development, livelihood for Atma Nirbhar Bharat, hand embroidery workshop for rural women, distribution of donated clothes, plastic free awareness programs, water conservation & management, environment day, road safety awareness, general health check-ups, nutrition awareness programs, blood donation camps, eye check-up, covid vaccination, covid screening camp, etc. University has adopted about thirty villages under Unnat Bharat Abhiyan. The university's teaching hospitals have been providing subsidized healthcare support to the local communities. The teaching hospital is empanelled with various government schemes and programs like Ayushman Bharat (PMJAY), National AIDS control program, National Tuberculosis elimination program and many others.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrices(QlM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QlM	The institution has adequate physical facilities for teaching – learning, skills acquisition etc
4.1.2 QlM	The institution has adequate facilities to support physical and recreational requirements of students and staff – sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre, etc. and for cultural activities
4.1.3 QlM	Availability and adequacy of general campus facilities and overall ambience
4.2	Clinical, Equipment and Laboratory Learning Resources
4.2.1 QlM	Teaching Hospital/s, Equipments, Laboratory and clinical teaching-learning facilities including equipment as per the norms of the respective Regulatory Bodies
4.2.2 QlM	Describe the adequacy of both outpatients and inpatients in the teaching hospital during the last five years vis-à-vis the number of students trained and programmes offered (based on HIMS / EMR) within 500 words.
4.3	Library as a Learning Resource
4.3.1 QlM	Library is automated using Integrated Library Management System (ILMS)
4.3.2 QlM	Total number of books and reference volumes as well as collection of ancient books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment especially with reference to traditional systems of medicines
4.4	IT Infrastructure
4.4.2 QlM	Institution frequently updates its computer availability for students and IT facilities including Wi-Fi
4.4.4 QlM	Facilities for e-content development such as Media centre, audio visual centre, Lecture Capturing System(LCS), etc.,
4.5	Maintenance of Campus Infrastructure
4.5.2 QlM	There are established systems and processes for maintaining physical and academic support facilities: (laboratory, library, sports facilities, computers, classrooms, etc.)

Qualitative analysis of Criterion 4
The university has adequate infrastructure with state-of-the-art classrooms, laboratories, seminar halls, workshops, smart classrooms, etc. which are digitally enabled. University has developed studio spaces for creative and technical programs and advanced industry 4.0 laboratories. It has a fabrication laboratory to provide start-ups and tinkering hub for promoting innovations in the tech industry. University has established specialized medical laboratories in all health institutes and attached to a teaching hospital equipped with all specialities departments like General Medicine & General Surgery. All these hospitals are accredited by NABH. It has Moot Courts for practical legal training. University has a GUJCOST sponsored super-computer facility for high-end computing & data processing.

The university has developed sporting facilities like sports ground, fitness centre, yoga, ayush care centre and auditorium for cultural activities. Sporting facilities include football field, cricket field, volleyball field, basketball court, kho-kho, kabaddi, tennis, handball, badminton, gymnasium and athletic fields. The indoor games facilities like carom, chess, table tennis and swimming pool are available. Dedicated coaches to train the students are also available.

The university has residential quarters, guest house and hostels with Wi-Fi, electricity, air-conditioning, attached washrooms, closest spaces and study desks. It has lush green pathways, tall trees, plants, shrubs, electric shuttle vehicles and bicycles. The university has set-up five hospitals along with two Ayurved and two Homeopathy hospitals. University has established Insight, a mental wellness centre to provide expert assistance & Psychological counselling. It has banks, ATMs, buses and passenger vehicles to provide services to staff and students. University has also surveillance system, D G set, Solar based water heating facilities, sewage treatment plant, biogas plant and water treatment plants.

The university has established state of the art teaching hospitals to provide the students the clinical experiences. The teaching hospitals include Parul Sevashram Hospital with broad speciality clinical departments, super-speciality departments, paraclinical departments like pathology, microbiology and biochemistry. The hospital has 70 bedded critical care unit, 25 bedded dialysis centre, kidney transplant centre, holistic care neurorahab centre and diagnostic centre. All the departments are equipped with the latest and ultramodern equipment and instruments. University has four homeopathy hospitals and two ayurved teaching hospitals with the facilities required by the regulatory body. All the AYUSH hospitals are NABH accredited.

The hospitals of the university are well equipped to provide holistic treatment to the outpatients and inpatients on a regular basis. Average daily patients are about 1200 and 560 in OPD & IPD respectively. They have also provided effective training to the students in the various programs from diploma, bachelors and masters in medicine, nursing, ayurved and homeopathy. Students are posted in respective departments of clinical subjects on rotational basis in OPDs, IPDs & laboratories. The Institute of Medical Sciences and Research offers programs such as Diploma in Paramedical & Health Sciences, Bachelor of Medicine & Surgery, Bachelor of Science in Public Health, Post Graduate and Doctoral Programs, Bachelor of Ayurvedic Medicine & Surgery, various Post Graduate Program in MD Ayurved & Ph D, Bachelor of Homeopathic in Medicine & Surgery, various MD Homeo and Ph D programs.

The library is fully automated using SOUL 3.0 ILMS which interconnects all the libraries to meet the requirements of the students and faculties. The system caters the modules like acquisition, cataloguing, circulation, book bank issues, etc. The users can access from different locations through WEB OPAC. The system has resources in fields like medicine, management, engineering, etc. The LMS platform adheres to international protocols such as MARC21, AACR-2, MARCXML and supports multi-platforms for bibliographic databases like My SQL, MS-SQL or any other RDBMS. The system allows for effective management of resources through cataloguing of virtual materials in the form of e-journals, e-books, etc.

The library has a collection of text books, reference books, general books, ancient book manuscripts and digitized traditional manuscripts. These are kept according to discipline specific requirements and also preserved in ancient Indian languages. The library organizes seminars and knowledge sessions on ancient languages which are directed towards improving the understanding of such traditional manner prescription. The library subscribes Micromedex to search drugs, diseases, toxicology and evidence-based medicine. The university has E-Resource package namely Bentham Science, IEEE, Physical Therapy, Preclinical Simulator, SodhSindhu, Sodhganga & SWAYAM. The traditional systems of medicine resources cover ayurvedic medicine, phytopharmacy, other methods of natural pharmaceuticals, physiotherapy, ancient medical science and various forms of homeopathic medicines. The library has facilities like DSpace, DELNET, KNIMBUS, M-Library & NDLI.

IT resources, computer infrastructure and Wi-Fi resources are regularly updated, upgraded and expanded to provide quality and efficient services. Systems Support Cell provides technical support by managing and

maintaining the computer resources. The university has 8.1 Gbps Internet Leased Line Bandwidth Wi-Fi connectivity. University adds computers every year to meet the demand of the students and faculties. It has also put in place a super-computer facility with Param Shavak which provides the platform to conduct advanced and hi-tech functions. The IT services are utilized in the management of University's Human Resource Management, Student's MIS Systems, Hospital Management Systems and IT connected devices are regularly updated for MRI, CT-Scan, Cath Labs, etc.

The university has established infrastructure and resources for e-content development through its media centre and digital lecture resources for producing quality academic contents. The students access recorded lectures and subject wise modules from anywhere through digital learning resources. The university has a media centre and recording studio to enable the faculties to record various modules and courses for the students. University has procured industry standard recording equipment and tools like green screen rooms, teleprompter, 2-aperature lights, 6K cinema grid camera and hi-def wireless audio system for developing e-contents. It has also onboarded highly skilled digital content creators and production team for this purpose.

A committee works for the maintenance, growth and supervision of facilities such as library, laboratory, sports facilities, computer and classrooms. Laboratory facilities and instruments in science departments and teaching hospitals are calibrated regularly. Internal NABL and NABH audit of the teaching hospitals are also carried out annually. The machines are audited either by internal or external engineers as per the AMC or vendors of the machines and equipment. The Systems Support Cell with a team of experts regularly conducts system checks and evaluations for maintenance. The classrooms are maintained on a regular basis by a team of experts and personnel. The auditorium, seminar halls, etc. are maintained on contractual basis. The Director of Physical Education supervises the sports amenities, such as sports equipment, fitness equipment and ground on regular basis. The library maintenance including repairing and rebinding of damaged books is carried out twice in a year by library department.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrices(QlM) in Criterion5)	
5.1	Student Support
5.1.4 QlM	The institution has an active international student cell
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QlM	Presence of Student Council and its activities for institutional development and student welfare
5.4	Alumni Engagement
5.4.1 QlM	The Alumni Association/Chapters (registered and functional) has contributed significantly to the development of the Institution through financial and other support services during the last five years

Qualitative analysis of Criterion 5
The university has two international cells, i.e., International Relations Cell (IRC) and International Students Affairs Cell (ISAC). International Relations Cell provides platforms for global exposure through Student Exchange Programs, Faculty Exchange Programs, Pathway Programs, Research Collaborations, Study Abroad Programs, International Events and IELTS Coaching – Enhance Your Language Skills. International Students Affairs Cell assists the international students seeking for admissions and post admission activities at the

university.

The student council is constituted incorporating all the institutes of the university and functions under the Office of the Dean, Student Affair. The council serves the role of formulating student clubs which focusses on various areas like literature, dance, theatre, music, cultural, sports, etc. Activities such as Dhoom, an annual cultural festival, several competitions, fine arts, exhibitions, dance festival, poetry, dance, music, workshops, seminars, technical events, distributions of clothes, books, food, etc. are conducted. The students of faculty of medicine regularly organizes collaborative academic and research exchange programs. The students across various faculties have formed Rotary Club under Rotary Clubs of Baroda which performs various social and cultural activities.

The university has a registered Alumni Association Cell with more than 30000 members. Alumni association organizes alumni meets, career development & enhancement programs, expert talks, etc. Alumni association offers scholarships to UG and PG students. University has various Alumni Chapters at various parts of the country and world. The alumni association supports through financial and non-financial forms. They have provided financial support to the family of the martyred solder and donated books to the library. The alumni provide support for internship and placement opportunities for the students.

However, the financial support of the alumni is very meagre.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrices(QlM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QlM	The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.
6.1.2 QlM	Effective leadership is reflected in various institutional practices such as decentralization and participative management etc.
6.2	Strategy Development and Deployment
6.2.1 QlM	The institutional Strategic plan is effectively deployed.
6.2.2 QlM	Effectiveness and efficiency of functioning of the institutional bodies as evidenced by policies, administrative setup, appointment and service rules, procedures etc.
6.3	Faculty and Staff Empowerment Strategies
6.3.1 QlM	The institution has effective welfare measures for teaching and non-teaching staff, and other beneficiaries.
6.3.5 QlM	Institution has Performance Appraisal System for teaching and non-teaching staff
6.4	Financial Management and Resource Mobilization
6.4.1 QlM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.4.3 QlM	Institution conducts internal and external financial audits regularly
6.5	Internal Quality Assurance System
6.5.1 QlM	Instituion has a streamlined Internal Quality Assurance Mechanism
6.5.3 QlM	Impact analysis of the various initiatives carried out and used for quality improvement

Qualitative analysis of Criterion 6

The vision and mission of the university is reflected through Entrepreneurship Development Centre, Centre of Research for Developments, International Relations Cell, Career Development Cell, Competitive Examination Cell, Training & Placement Cell, Armed Forces Motivational Cell and introduction of new programs like artificial intelligence, machine learning, robotics & automation, medical coding, etc. It aims to bridge the gap between the industry-academia by producing skilled and well-equipped students.

The university supports participative management through decentralization and delegation of authority. The authorities of Governing Body, Board of Management, Academic Council, Boards of Studies and Finance Committee are in place. Further, the responsibilities of Registrar, Dean of the Faculty, Principal/Director and Head of the Departments are defined. The faculty members are nominated to various statutory bodies and committees for decision making and managing of various events. Regular feedbacks are taken from stake holders for continuous improvement in the system.

The university has created Planning Cell comprising of President, Vice President, Provost, etc. This cell is responsible for executing the strategy plan for creation/development of new infrastructural facilities such as colleges, playgrounds, quarters, starting of new courses, etc. The planning cell takes decisions on various proposal at the beginning of every year and recommends the same to the Governing Body for final decision.

The university adheres to its policies, administrative setup, appointment and service rules. It assures effective and efficient execution as well as policies and procedures. The Provost oversees the implementation of such agenda in subsequent meetings of non-statutory committees presided over by head of institutions, senior faculty and other stakeholders and presents the outcome to the GB/BOM on a regular basis. Academic regulations are formed for maintaining decorum so as to operate the university in an impactful manner. HR policies for conduct, discipline, service, appeal rules, auditing and welfare measures are in place. University follows established appointment and service rules for employees. Services rendered by employee is adequately appraised in the performance appraisal and feedback systems for promotion and benefits.

The university provides concessional medical facilities at its Parul Sevashram Hospital. It awards cash prizes based on the recommendation of academic review committee. Transportation and residential facilities at nominal charges are also provided. University provides seed money for research, project, clinical trials and incentives for publications. Staff members get personal and professional counselling from experts through its Insight. There is provision for medical and maternity leaves for the staff.

The university has a well-defined performance appraisal system for teaching and non-teaching employees. The components of faculty appraisal system are student's feedback, research, grants achieved, conferences organised/participated and Academic Performance Indicator (API). The Academic Review Committee headed by Provost analyses the performance of faculty through written exams and presentation/interview. Under performer faculty members are provided with counselling and training by Centre for Human Resources and Development. Cash prizes are awarded to excellent teachers through Best Teacher Award.

The tuition fees are the main source of income for the university. The funds are used to monitor, regulate, develop and purchase necessary assets such as land, building, lab/medical instruments, equipment, books/journals, infrastructure for new programs, healthcare services, education and recruit experienced faculty. The finance committee prepares the annual budget based on past performance, suggestions from heads of various institutions/cells and recommendations of the management. The university effectively implements the approved budget for academic and administrative expenses. The finance committee and Governing Body

ensures that the funds are properly used.

The internal finance committee perform internal audits on a quarterly/half yearly basis. The income and expenditure figures are verified by the internal finance committee. The budget includes recurring expenses such as salary, academic, library, administrative expenses, computers, printers, maintenance, infrastructure augmentation, training & placement, research & development, electricity, internet charges, stationery, consumables as well as non-recurring expenses like purchase of lab equipment, furniture and other development expenses. Internal audit report is compiled and presented at the end of each auditing cycle. External audit is conducted by a designated Chartered Accountant.

The university has an Internal Quality Assurance Cell which has a well-established and documents policy with a goal of continuously working to improve quality parameters taking into account educational developments, feedback of stakeholders and expert advice. IQAC data is submitted by the departmental IQAC co-ordinator to the institute co-ordinator which is then verified by the Principal and Dean of the respective institute. The data is then handed over to the university IQAC team which is verified, formatted and furnished. The data is finally inspected by the panel of external experts, senior teachers, administrative officials and IQAC director and finalized after thorough verification as per quality benchmarks. The academic and administrative audits of different units in the university are carried out regularly.

IQAC cell ensures timely execution of impactful initiatives throughout the university. This has resulted in an increase in research papers, faculty development programs, enhancement in teaching-learning process, increase in no of start-ups, establishment of incubation centre, increase in government funding, development of fabrication lab, introduction of value-added courses, certificate program in clinical research, increase in Ph D guidance, increase in IPR filing and patents/copyrights publication and training to non-teaching staff.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrices(QlM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QlM	Measures initiated by the institution for the promotion of gender equity during the last five years.
7.1.3 QlM	Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words) • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management
7.1.8 QlM	Describe the institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words)
7.1.9 QlM	Sensitization of students and employees of the institution to the constitutional obligations: values, rights, duties and responsibilities of citizens
7.1.11 QlM	Institution celebrates / organizes national and international commemorative days, events and festivals
7.2	Best Practices
7.2.1 QlM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
7.3	Institutional Distinctiveness
7.3.1 QlM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Qualitative analysis of Criterion 7
The university promotes gender equity amongst its stakeholders and takes initiatives towards empowerment of women. It organizes co-curricular and curricular activities on gender equity sensitization. University constituted Women's Development Cell and Internal Complaints Committee. The Women Development Cell conducts gender-based programs, women safety & awareness events and workshops for gender sensitization. Women Entrepreneurship Meet is conducted for their development in entrepreneurship. The women achievers in domains like academics, research, cultural and sports are felicitated on the Women's Day. The university has a day-care centre, CCTV cameras, girl's common room and hostels. The university has put dustbins at different locations for collecting solid wastes. It has set-up waste segregation system, compost machine for organic waste management & recycling and sewage treatment plant for liquid waste management and recycling. The teaching hospitals have well-defined policies for bio-waste

management and adhere to the legal compliance for handling bio-waste as per approval of Gujarat Pollution Control Board. The E-waste is handed over to UNICARE, an E-waste recycling firm annually for safe disposal and recycling. The waste from messes and canteen is used to generate Biogas with the help of Biogas plant. Use of plastic is limited and water conservation facilities are available in the university.

The university organizes programs on harmony, cultural, regional, linguistic, gender diversities and socio-economic welfare over the year. It organizes orientation and induction programs highlighting cross-cultural communication workshops, competitions, cultural nights, etc. for the new students. Seats are allocated to the students in the hostel rooms based on different culture, caste and creed to ensure exchange of thoughts. INSIGHT cell provides counselling and assistance to students to adapt to the learning environment. Days and festivals of all regions, countries and religious days of all faiths like Ramadan, Christmas, Diwali, Ganesh Chaturthi, Pongal, etc. are celebrated throughout the year. Cells of SC, ST, OBC and Minorities is in place to support the students through various initiatives. Events such as Hindi Diwas, Essay, Poem and Slogan writing competitions are held to create awareness on different languages.

A number of events are organized to sensitize the students and employees on the importance of constitutional values such as service to others, respect for culture, importance of democracy, safeguarding the environment, ensuring equality and justice to others. Electoral Literacy Club of the university organizes workshops, expert sessions, competitions on voter registration in collaboration with the district election officer. University conducts voluntary activities like election voters awareness campaign, flood relief, blanket & free medicine distribution, literacy drives, Unnat Bharat, Swachta Pakhwada, etc. in the nearby villages. The Armed Forces Motivation Cell conducts various activities for motivating students towards armed forces. Independence Day and Republic Day are also celebrated with quiz competitions and cultural activities.

The university celebrates the national, international commemorative days, events and festivals every year. Festivals such as Pongal, Onam, Lohri, Buddha Purnima, Diwali, Holi, Guru Purnima, Shivaji Jayanti, Raksha Bandhan, Saraswati Puja, Kargil Day, National Youth Day, Ganesh Chaturthi, Gandhi Jayanti, Teachers' Day, National Mathematics Day, Doctors' day, National Science Day, AIDS Day, National Girl Child Day, Engineers' Day, Librarian Day, International Women's Day, World Environment Day, World Food Day, World Health Day, International Yoga Day and World Unity Day are celebrated by the students. In addition, national days of students from Ivory Coast, Zimbabwe, Zambia, Bhutan, Bangladesh, etc are also celebrated.

The university has implemented two best practices such as (1) Holistic & Integrated Health Care – "Health for All" and (2) Global Learning and Internationalization at PU. The first one aims at providing healthcare to the society which is achieved by seven teaching hospitals under the university. Patients visiting hospitals are provided with the best-in-class Modern/AYUSH form of treatment as per the disease condition. Hospitals provide free health check-up and thalassemia testing for all the first-year students. Parul Sevashram Hospital has been designated as Covid Vaccination Centre and vaccinated more than 10000 people with the vaccine doses. The second one prepares the youth towards more Globally Competent Skills thereby making them more Employable in the current Global Environment. The university is connected with about eighty International Universities across USA, UK, Europe, Russia, Asia and Canada to achieve this. A department is in place to handle Internationalisation and International student admissions. The university has send more than five hundred students every year abroad for various programs of semester exchange, summer/winter schools or further education. The highlight of such programs is the credit transfer along with cultural exposure.

The university has established Entrepreneurship Development Centre with an aim to encourage entrepreneurship and innovation so that the students start their own businesses. An accelerator unit namely Vadodara Startup studio has been established to strengthen startup culture. There is a Fab Lab which provides technical prototyping platform for innovation and invention. A Tinkering Hub, an advanced lab for AR/VR and IoT technologies, has been set-up for students to gain exposure to advanced futuristic technologies. Institute Innovation Club is in place which is in charge of leading projects and activities related to entrepreneurships and innovations. Entrepreneurship Development Centre organizes inspirational talks, webinars, seminars and workshops to expose the students and give them opportunities to work on their ideas and inspire others for the same. The EDC also works on idea generation in the university by organizing Idea Generation Boot Camps which encourage the young minds to brainstorm towards real life problems that exist around them through their innovative thinking. Some student innovations have received the funding from the Government of Gujarat's Student Startup Innovation Policy and i-Hub, Gujarat initiatives.

Section III:OVERALL ANALYSISbased on Institutional strengths.Weaknesses,Opportunities & Challenges(**SWOC**)(**up to 500 words**)
Overall Analysis

Strength:

- Multidisciplinary University with medical, technical and AYUSH Courses.
- Good infrastructure and a sprawling green campus with considerable scope for future expansion
- Well-designed laboratories with adequate equipments.
- Proactive and supportive management.
- Dedicated incubation centre to support for start-ups.
- Up-gradation of curriculum as per requirements.
- Experienced faculty pool with mix of young and senior members.
- Good social networking and services.
- Army forces motivational cell
- Very good health science facilities offering holistic health care.
- Strong internstional office and international relation cell

Weaknesses:

- Less number of Ph D faculty members.
- Research cultures among faculties.
- Less numbers of externally funded research projects.
- High end research facilities.
- Less number of full-time research scholars.
- Less adjunct faculty to teach specialized subjects.
- Less faculty exchange with Institute of national repuet

Opportunities:

- To promote projects related to educational and healthcare.
- To set benchmarks according to the emerging global trends.
- Opportunities for inter-disciplinary and multi-disciplinary courses.
- To increase consultancy and quality research projects.

- To initiate new start-ups in emerging areas of innovations.
- To introduce various value-added courses as per need of the time.
- To start educational programs in collaboration of foreign universities.
- To link students with industries.
- To initiate industry linked professional and research programmes.
- Opportunity for international advisory board with foreign experts in academia,
- research and industry.

Challenges:

- Driving more global collaborative research opportunities and filing of IPR.
- Overall improvement of the professional and inter-personal skills for better placement.
- Receiving funds for academic and research projects from the Government.
- Strengthening industrial support.
- Getting specialized guest and visiting faculty.
- Ensuring international accreditation for all the programmes.

Section IV:Recommendations for Quality Enhancement of the Institution
(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- All Faculties to acquire Ph D degrees

- Research & innovation ecosystem to be strengthened

- Industry Institute interaction required to be strengthened.

- Specialized Guest and Visiting faculty members need to be engaged.

- Entrepreneurship and Incubation centres activities to be further strengthened.

- Emphasizing more IPR activities and Patents.

- To focus more research on the field in multidisciplinary research.

- Faculty cadre ratio and faculty promotion schemes should be in place as per norms

- Student amenities including hostel facilities, common room for boys and girls should be further strengthen.

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. BIJOY KUMAR NANDA	Chairperson	
2	DR. PRAMOD YEOLE	Member Co-ordinator	
3	DR. SHANKAR RAO	Member	
4	DR. CHANDRASEKHAR KOTHAPALLI BANNOTH	Member	
5	DR. PROF. (MAJOR) VINEETA PATHAK PATHAK	Member	
6	DR. PROF SUDHIR P K	Member	
7	DR. MONICA CHAWLA	Member	
8	DR. MOHAMMED ALTAF KHAN	Member	
9	Dr. L. Manjunatha Rao	NAAC Co - ordinator	

Place

Date