



**INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)**

Accreditation - (Cycle - 1)

**PEER TEAM REPORT ON
INSTITUTIONAL ACCREDITATION OF
L. M. COLLEGE OF PHARMACY**

**Ahmedabad
Gujarat
380009**

**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:	L. M. COLLEGE OF PHARMACY Ahmedabad Gujarat 380009	
2.Year of Establishment	1947	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	1	
Departments/Centres:	1	
Programmes/Course offered:	7	
Permanent Faculty Members:	45	
Permanent Support Staff:	21	
Students:	6654	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	<ol style="list-style-type: none">1. LMCP is the first Pharmacy College in the country established by a pro-active management having reputation in the field of education.2. The institute is in the top 50 institution in the NIRF ranking since the beginning of NIRF3. The institute has good connect with Pharma Industry and having several CSR initiative and strong alumni association and their active participation in new infrastructure development, lab renovation, management, placement and other institute and students welfare schemes	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 07-04-2022 To : 08-04-2022	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. SHAIENDRA SARAF	Vice Chancellor,Durg University
Member Co-ordinator:	DR. SUBHEET KUMAR JAIN	Director
Member:	DR. SOHAN CHITLANGE	Principal,D Y PATIL INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH
NAAC Co - ordinator:	Dr. L. Manjunatha Rao	

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics 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 Metrics(QIM) in Criterion1)	
1.1	Curricular Planning and Implementation
1.1.1 QIM	The Institution ensures effective curriculum delivery through a well planned and documented process
1.1.2 QIM	The institution adheres to the academic calendar including for the conduct of CIE
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum
1.4	Feedback System

Qualitative analysis of Criterion 1

The LM College of Pharmacy is the oldest Pharmacy College in India, established in year 1947 is located in Ahmedabad and is affiliated to Gujrat Technical University and is approved by Pharmacy Council of India (PCI, New Delhi). The institute offer B.Pharm, M.Pharm. in five specializations Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy, Pharmacology and Quality assurance along with Pharm D. program. It also offers Diploma in Pharmacy (D.Pharm) course. The institute follows the Curriculum prescribed by Pharmacy Council of India (PCI) and approved by the affiliating University.

The institute adheres to academic calendar provided by affiliating University. Institute has robust mechanism for effective implementation and delivery of the curriculum. As part of the efforts to ensure outcome based education, course and programme-specific outcomes have been outlined in the syllabus. To orient towards research and application of knowledge acquired for real life situations, industrial visit/training/project included as A part of the curriculum. Good number of students get the opportunity to do internship in Pharmaceutical Industry. Institute also offering three certificate courses as add-on course for the regular curriculum enhancement of skills and increase employability. The curriculum integrates cross cutting issues relevant to gender, human values, ethics, environment and sustainability and professional ethics.

Being an affiliating institute, it has limited flexibility in curriculum enrichment, however the college offer CBCS pattern and electives in the curriculum. It also offers additional knowledge to the students by organizing guest lectures, industrial visit and training, conduct special classes and test series for students for national level competitive examination i.e. GPAT. The ICT tools are also used in daily teaching to complement class room learning and make it more students centric, along with the other teaching aids.

The institute has structured online feedback system for stakeholders i.e. students, employer, alumni, parents and teachers. The online feedback was collected and analysed by institute.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QIM	The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.2 QIM	Teachers use ICT enabled tools for effective teaching-learning process.
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QIM	Mechanism of internal assessment is transparent and robust in terms of frequency and mode
2.5.2 QIM	Mechanism to deal with internal/external examination related grievances is transparent, time- bound and efficient
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.
2.6.2 QIM	Attainment of programme outcomes and course outcomes are evaluated by the institution.
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

The institute is providing an excellent academic environment that supports student learning by identifying the learners' needs and provides them with participatory learning.

The institute organizes induction and orientation program after completion of the admission process and allots mentors and based on the performance of the students identify different level of learners, accordingly take the remedial measures and accordingly conducts tutorial/remedial classes for slow learners. Provision are also being made for advanced learners. Advanced learners are encouraged to think out of the box and participate in industrial oriented projects. To nurture innovative thinking, incubation Centre has been established within the institute. Many start-up companies are working closely with institute to promote translational nature of the research. The teachers are making use of ICT for effective teaching-learning and evaluation. Mentor-mentee system is implemented for effective students support.

The college practices the Outcome-based learning as specified in PCI syllabi to nurture innate talent and also differentiate aptitude of learning. The institute prepares a teaching plan with a details of course objectives, outcomes etc. at the beginning of academic year The teaching learning process is evaluated by the institute periodically at the end of the academic session. The average pass percentage is good. The students are encouraged to participate in various extra-curricular, cultural and sports activities for their overall development.

The institute follows the procedure and protocol for examination as per affiliating University norms for continuous internal evaluation at institute level and mechanism of evaluation is transparent and robust. The evaluated answer booklets for internal examination are shown to the students. The grievances concern to examination is addressed by grievance redressal cell from time to time and are effectively resolved. It adheres

to the academic calendar for continuous evaluation. Evaluation of the end term examination is done by affiliating University. Institute has robust mechanism for conducting the internal/sessional examinations under surveillance and records are maintained.

Institute has adopted the participative, experiential and problem-solving methodologies of learning. Problem solving exercises, industrial visits, laboratory experimentation, organizing workshops, seminars, conferences, social awareness programmes, NSS activities, and other skill-based activities are being included in the teaching-learning process.

The institute prepares the academic calendar and prepare their teaching and evaluation plans accordingly as prescribed by the affiliating University. The academic calendar is being provided to the students for the entire academic year in coordination with affiliating University, including schedule of assessment modules and sessional examinations.

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Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QIM	Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QIM	Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.
3.5	Collaboration

Qualitative analysis of Criterion 3

The research profile of institute is good being situated in the hub of Pharmaceutical Industry, it able to fetch the good support from the Industry. Many of the Labs of the college has renovated and got equipped with sophisticated instruments with the help of Alumnus working in the top most position in Pharma Industries e.g. Zydus Cadilla, Wockhardt , Intas, Troikaa etc.

In terms of Innovation Ecosystem, to promote research and extension activities the College has established Institution's Innovation Council (IIC) funded by Ministry of Human Resource Development, Government of India, Student Startup and Innovation Policy (SSIp) Cell funded of Government of Gujarat, AIC-LMCP foundation in Pharma and Healthcare sector with the support of AIM and NITI Aayog, Government of India.

The institute has filed 38 patents during the assessment period. Three patents are granted during the period and the rest are in the process of examination. Periodical workshops and seminars have been organized for outreach activities to the students, alumni and prospective entrepreneurs of the State and the community.

The institute has signed 22 MOUs with Industries and 13 MOUs with research organizations and Universities. A few number of projects are funded by various funding agencies i.e. UGC, DBT, DST and CSIR. The some of the faculty members have published research papers in UGC listed/Scopus/Web of Science Journals.

The students are motivated for participation in tree plantation drive, plastic free and clean environment campaign. The institute has also got Green and Energy Audited conducted.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.
4.1.2 QIM	The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS)
4.3	IT Infrastructure
4.3.1 QIM	Institution frequently updates its IT facilities including Wi-Fi
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Qualitative analysis of Criterion 4

The college has excellent infrastructure facilities for teaching and learning and research in terms of class rooms, laboratory, machine room, central instrumentation room, animal house, library, seminar halls, conference halls, staff rooms, hostels and numerous other facilities. Research labs are equipped with state of art sophisticated instruments. Most of the class rooms are installed with LCD projectors for ICT enabled teaching.

The institute building including class rooms, laboratories and corridors are under CCTV surveillance. Outdoor sports facilities such as basketball court, volley ball court, cricket ground etc. are shared with the other institution under same trust. Some indoor game facilities are also available. The college created necessary infrastructure systematically, based on the requirements of the academics, students and other stakeholders

Library has Adequate number of books, e-books and Journals. Access to E-Shodh-ganga, Inflibnet, E-Shodh Sindhu, National Digital Library of India telecon Consortia has facilitated access to over 10000 online journals and databases, Library is also equipped with software SOUL (Software for University Libraries) for automation purpose. Wi-fi and LAN facilities are available along with adequate number of computers and peripherals.

Specialized facilities/laboratories such as Cell culture lab, molecular biology lab, CNS research lab, *in silico* drug designing lab etc have been developed for training and research purpose. Institute has also a machine room for effective training purposes as well as for industrial pilot/Lab batch preparation

The institute has installed RO water plant for providing drinking water. The lift/ramp facility is available for differently abled students. The animal house infrastructure is available within the institute. Power back system facility is also available.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QIM	Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)
5.4	Alumni Engagement
5.4.1 QIM	There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Qualitative analysis of Criterion 5

Admission procedure followed by the college is transparent and as per Affiliating University and Government norms. There is no management quota seats and all students are admitting on merit basis. A number of students have been benefited by the scholarship or freeships as per the government policy. The institute has established support system involved students in different activities for academics, training, counselling, placement, sports and Grievances. The institute is also conducting special preparative exams for competitive examination such as GPAT and good number of students are qualifying GPAT every year with good AIR rank. In year 2019 GPAT examination, all India toper (AIR one) was from the institute only. A good number of students are opting for higher studies in top national institutes and going abroad also.

The institution organizes number of events every year e.g. culture fest, sports day, independence day etc. Active participation of the students has been observed in the extracurricular activities. The training and placement cell is put in place to provide placement opportunities for the students. A good number of students are also placed by placement drives of the departments.

Institute has also constituted an anti-ragging committee and squad to prohibit incidences of ragging of students. The institute also has constituted gender sensitization cell to create awareness. The student council is formed and is in place for facilitating various activities concerned to the students. Zero tolerance policy has been observed for any kind of harassment.

The institute has strong alumni network in India and also across the world. Alumni association is registered and regular meet has been conducted. Alumni actively participated in a different activities. They have also provided good financial support for infrastructure development, placement activities, instruments and in scholarship schemes etc. Institute has a policy for collecting funds from its alumni.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	The governance of the institution is reflective of and in tune with the vision and mission of the institution
6.1.2 QIM	The effective leadership is visible in various institutional practices such as decentralization and participative management
6.2	Strategy Development and Deployment
6.2.1 QIM	The institutional Strategic / Perspective plan is effectively deployed
6.2.2 QIM	The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has effective welfare measures for teaching and non-teaching staff
6.3.5 QIM	Institutions Performance Appraisal System for teaching and non-teaching staff
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institution conducts internal and external financial audits regularly
6.4.3 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.5	Internal Quality Assurance System
6.5.1 QIM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes
6.5.2 QIM	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Qualitative analysis of Criterion 6

The management of the institute is quite experienced in running many educational institution across the state and is pro-active. Good governance and leadership practices are followed. The institution has established organization structure to ensure administrative and academic activities. It also follows participative administrative policy wherein stake holders can contribute in the process. Many of the renowned industrialist are in governing body of institute and actively contributing. The documents related to planning and development including Strategic plan approval from PCI, Affiliating University are available in the institution. The institution practices decentralization and participative management.

Service rules are framed which include recruitment policy, leave rules, promotion policy, service conditions etc. The organizational and administrative setup for the routine activities has been established along with the grievance redressal mechanism. The institution has various scheme in place for welfare of teaching and non-

teaching staff, maternity leave, duty leave and financial assistance for attending the conferences, workshops. Facility for fee concession for wards of employees is also provided. The Performance Appraisal System for teaching and non-teaching staff are in place

The institute has audit for financial issues for the effective use of available financial resources and accordingly provisions has been made in the budget. The college maintains transparency in its financial management and conducts regular internal and external audits according to the norms of C&AG and government of India regulations. Main sources of funds for the college includes Student Fees, grant-in-aid, sponsored projects, fellowships etc.

The institute has established IQAC cell to review and support strategies for holistic development of teaching learning process, operational strategies, periodic reviewal of learning outcomes and development plan of the institute. IQAC cell is also coordinating the participation in NIRF ranking and other matters.

The institute has well defined vision and mission as it is a oldest Pharmacy college of India. The Leadership at the management and the college level is implementing appropriate policy framework and directives to achieve vision and mission of the college.

Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	Measures initiated by the Institution for the promotion of gender equity during the last five years.
7.1.3 QIM	Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words) <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management
7.1.8 QIM	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 QIM	Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).
7.1.11 QIM	Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).
7.2	Best Practices
7.2.1 QIM	Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.
7.3	Institutional Distinctiveness
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Qualitative analysis of Criterion 7

The institution has established women cell, gender equity cell and anti-discrimination cell. It organizes gender equity and empowerment program including regular health check up and self defence training to girls students. To date no grievance is on record. The institute is an environmental friendly campus located in the urban area in the main city of Ahmedabad. The institute follows various green initiatives like plantation drive, clean and green campus, awareness lectures and camps are also being arranged.

Arrangement has been made for disposal of solid and e-waste. The college has lift/ ramp facility for disabled students in new building. The college promotes cultural harmony and social equity among students. The institute organizes several national festivals and celebrates birth/death anniversaries of the great Indian personalities and professional events viz. independence day, Gandhi Jayanti, Ambedkar Jayanti, Pharmacy week and other important events. Besides the institute also organizes several professional events highlighting several activities of the profession of Pharmacy. It also maintains transparency in academic, administrative and financial matters.

The best practices observed are

1. LMCP is the first Pharmacy college in the country established by a pro active management having reputation in the field of education.
 2. The institute is in the top 50 institution in the NIRF ranking since the beginning of NIRF
-
1. The institute has good connect with Pharma Industry and having several CSR initiative and strong alumni association and their active participation in new infrastructure development, lab renovation, management, placement and other institute and students welfare schemes

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Section III: OVERALL ANALYSIS based on Institutional strengths, Weaknesses, Opportunities & Challenges (SWOC) (up to 500 words)

Strength:

- Geographical location
- Strong alumni base and support
- Legacy
- Pro-active Management
- Green ecofriendly campus
- State of art instrumentation facilities and 24/07 Video Surveillance
- Student diversity from across the country

Weaknesses:

- Regular faculty not appointed
- Cadre ration not maintained
- Focus of young faculty is not on research
- Limited corpus funds at institution level
- Value added courses

Opportunities:

- Institute may play leadership role in Pharmaceutical Field
- Role model in effective implementation of NEP
- Mobilization of extramural funds
- Removal of obstruction for sustainable use of available resources

Challenges:

- Recruitment of faculty members and maintenance of cadre ratio
- Effective use of MOUs

- Mobilization of more research funds
- Establishment of Approved analytics lab testing facility
- Creation of ecosystem for blended learning
- Appointment of Instructor for cultural and sports activities
- Increase in the number of new Pharmacy Institutions in the region.
- Culture of outcome based learning

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)

- Addition of Structured value added and certificate programs
- Fund generation through consultancy services to Pharma/Food Industries
- Effective implementation of LMS
- Recruitment of faculty and maintenance of proper cadre ratio
- Development of effective ecosystem for training along with placement support
- Faculty and student exchange program for international exposure
- Creation of corpus fund
- Formation of core group for effective implementation of NEP 2020
- Capacity building through skill development, entrepreneurship development and start up incubation
- Mobilisation of Funds from various agencies
- Strengthening of IQAC with eminent scholars
- More Quality publications

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

Signature of the Head of the Institution

NAAC

Sl.No	Name		Signature with date
1	DR. SHAIENDRA SARAF	Chairperson	
2	DR. SUBHEET KUMAR JAIN	Member Co-ordinator	
3	DR. SOHAN CHITLANGE	Member	
4	Dr. L. Manjunatha Rao	NAAC Co - ordinator	

Place

Date

NAAC