



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

**Accreditation - (Cycle - 1)**

**PEER TEAM REPORT ON  
INSTITUTIONAL ACCREDITATION OF  
NIRMALA COLLEGE OF PHARMACY  
C-11727**

**Muvattupuzha  
Kerala  
686661**

**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:	NIRMALA COLLEGE OF PHARMACY Muvattupuzha Kerala 686661	
2.Year of Establishment	2004	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	1	
Departments/Centres:	1	
Programmes/Course offered:	5	
Permanent Faculty Members:	40	
Permanent Support Staff:	23	
Students:	621	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Though institution in rural area infrastructure physical facilities are remarkable also well-equipped pharmaceutics laboratory 2. Mechanism for the placement of the students is very good in India and abroad 3. Maintaining Green campus and healthy environment	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 29-04-2024 To : 30-04-2024	
6.Composition of Peer Team which undertook the on site visit:		
	<b>Name</b>	<b>Designation &amp; Organisation Name</b>
Chairperson	DR. ABHIJIT JOSHI	Vice Chancellor,Desh Bhagat University
Member Co-ordinator:	DR. MARAKANAM SRINIVASAN UMASHANKAR	Professor,SRM COLLEGE OF PHARMACY SRM INSTITUTE OF SCIENCE AND TECHNOLOGY SRM NAGAR KATTANKULATUR
Member:	DR. SRI NATARAJ KALAKONDA	Principal,Shri Vishnu College of Pharmacy
NAAC Co - ordinator:	Dr. Vishnu Mahesh K R	

## 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)

Criterion 1 - Curricular Aspects (Key Indicator and Qualitative Metrics (QIM) in Criterion 1)	
1.1	Curricular Planning and Implementation
1.1.1 QIM	<b>The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment</b>
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	<b><i>Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum</i></b>
1.4	Feedback System

### Qualitative analysis of Criterion 1

Nirmala College of Pharmacy, Muvattupuzha, meticulously follows the curriculum regulations and syllabus endorsed by the Kerala University of Health Sciences. Employing a Credit System and embracing Outcome-Based Education and the institution aligns its curriculum with desired outcomes and competencies. At the onset of each academic year, a comprehensive SWOC analysis is conducted to evaluate previous outcomes and synchronize them with institutional goals. The Academic Planning Committee takes charge of crafting an annual handbook, academic calendar, and extracurricular activities schedule ensuring a structured academic environment.

Curriculum planning is decentralized to departmental levels, ensuring alignment with predetermined outcomes in the adopted teaching methodologies. The college emphasis on interactive learning methods, continuous assessment, student participation in seminars, the timely completion of syllabi and examinations including monthly test assignments for students conducting on regular basis.

Moreover, integrates cross-cutting issues into its curriculum through professional events and programs, with the aim of sensitizing students to meet global concerns. The institution's overarching objectives include raising awareness of human rights, imparting proper attitudes and values, and educating society about pressing issues. The college also conducts PTA meetings with prior notification to the concerned parents.

College had taken initiatives for gender sensitive issues, the college organizes activities such as outreach programs for environmental sustainability, harmony hour, self-defense classes etc. for the students. Human values are reinforced through observances of healthcare days, blood donation campaigns, and initiatives aimed at addressing various health challenges faced by the public. Career counsel cell of the college is functioning.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Student Teacher Ratio
2.3	Teaching- Learning Process
2.3.1 QIM	<b>Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT-enabled tools including online resources for effective teaching and learning process</b>
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QIM	<b>Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient</b>
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	<i>Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website</i>
2.6.2 QIM	<i>Attainment of POs and COs are evaluated.</i>  Explain with evidence in a maximum of 500 words
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2	
<p>College implemented pedagogy to emphasize student-centered learning, focusing on fostering creativity and problem-solving skills through experiential methods such as laboratory experiments, field visits, internships, and service learning. Interactive classrooms, integration of Information and Communication Technology (ICT), and hands-on software training enhance students' knowledge. Diverse learning measures are utilized like peer learning system. Project-based learning is emphasized to enhance critical thinking focused on practical skills development in pharmaceutical formulations and spectral analysis. The institution possess adequate ICT facilities and modern equipment.</p>	
<p>The college having an efficient examination cell and maintain confidentially and transparency in conducting both internal and University examinations. Institution have functioning Exam Grievances Cell which addresses examination related issues and solve them on time. The institution have Outcome-Based Education (OBE) system under the guidance of the Program Assessment and Improvement Committee (PAIC). Program Outcomes (PO) were adopted, with departments crafting Program Specific Outcomes (PSO) aligned with the institution's vision. Course Outcomes (CO) were developed and clearly defined POs and PSOs fostering expertise, safety awareness, professionalism, entrepreneurship, and societal contribution.</p>	

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	<b>Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident</b>
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QIM	<b>Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.</b>
3.4.2 QIM	<b>Awards and recognitions received for extension activities from government / government recognised bodies</b>
3.5	Collaboration

Qualitative analysis of Criterion 3	
<p>Institution having functioning R &amp; D Cell promoting the students and faculties to develop the research culture and improve research activities in the college.</p> <p>Incubation cell have initiated many novel ideas to promote development of commercial products. Institution having innovation and entrepreneurship center from district industries center from Ernakulum.</p> <p>Seed money was allotted on budget basis by the institution with due scrutiny of the projects by the research committee of the institution and the follow-up of expensive is duly verified and disbursed.</p> <p>Department carried out curriculum based research projects but needs to improve further with the funds from the Government, Non-Government agencies and consultancies.</p> <p>Institution having 20 functional Mou and 21 collaborations. Having one international Mou. Activities under these Mous can be further improvised and research based.</p> <p>College taking initiative on various patent awareness program however two faculties got awarded collaborative patent with researcher not from this institution.</p>	

Kerala university of health sciences sanctioned 100 student's NSS unit to the college as per university norms received grants on regular intervals to the college as per the guidance of the university college adopted small village to take care wellbeing of the villagers and NSS unit conducts regular outreach camps to serve the public as per guideline of the university.

Institution is having the provision for Plagiarism checker X23 software tools.

Anti-drug awareness program college VIMUKTHI short film was awarded by Government of Kerala.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)

4.1	Physical Facilities
4.1.1 QIM	<p><b>The Institution has adequate infrastructure and other facilities for,</b></p> <ul style="list-style-type: none"> <li>• teaching – learning, viz., classrooms, laboratories, computing equipment etc</li> <li>• ICT – enabled facilities such as smart class, LMS etc.</li> </ul> <p><b>Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)</b></p>
4.2	Library as a Learning Resource
4.2.1 QIM	<i>Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students</i>
4.3	IT Infrastructure
4.3.1 QIM	<p><b>Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection</b></p> <p><i>Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words</i></p>
4.4	Maintenance of Campus Infrastructure

Qualitative analysis of Criterion 4

Established in 2004 across a serene of 6-acre campus, The institution boasts 13 state-of-the-art ICT-enabled classrooms, including a smart classroom and an air-conditioned conference room. Security is paramount with CCTV surveillance ensuring safety across the campus. Additionally, the college offers a range of facilities including 20 laboratories, Wi-Fi connectivity, IT labs, and recreational amenities such as a gymnasium and cultural clubs. The laboratories are well-equipped, including an industrial unit that supports advanced pharmacological experiments. Administrative support is comprehensive, with facilities like placement offices, examination centers, and herbal garden contributing to a conducive learning environment. Separate hostels and a canteen cater to the residential needs of students, while power backup ensures uninterrupted learning.

The college library, operational from 9 am to 6 pm on working days, serves as a hub of knowledge with its vast collection of resources. Spanning 365 square meters, the library caters to its 650 members, offering books, journals, e-resources like J-Gate, CDs, and periodicals. Since January 2022, the library has adopted the Campus7 Integrated Library Management System, facilitating digital circulation and fine generation. Access to e-resources like DELNET and J-Gate enhances resource sharing and enables remote access for users. Moreover, the library provides access to various software and tools for language proficiency, drug design, statistical analysis, and clinical support, augmenting the academic experience of its users. The library sees an average of 65 users daily, with integrated open educational resources further enriching the learning ecosystem. College also have guest rooms.

The college witnessed notable improvements include projectors, computers, sound systems, and security measures such as CCTV surveillance and mobile phone jammers. Integration of advanced technology like Smart Classrooms, digital evaluation centers, and high-speed internet connections has significantly enriched the learning experience and streamlined administrative processes. Cloud-based services for library resources, exam papers, and campus management have enhanced operational efficiency, while biometric access control ensures stringent security measures. Leveraging digital platforms, including the college website and social media channels, has facilitated effective communication and engagement with stakeholders.

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
5.4	Alumni Engagement
5.4.1 QIM	<b>There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services</b>

#### Qualitative analysis of Criterion 5

Committee for all these cells are constituted as per the guidelines of central/state government and functioning mechanism of these cells as per guidelines led down by central government, state government, university and other government statutory bodies.

College having all “functioning statutory cells”

- Students counselling cell
- SC & ST cells
- Anti-ragging cell
- Women cell
- Anti-discrimination cell
- Student’s grievance cell
- Vishakha cell ( anti-sexual harassment cell)

Other than these statutory cells for smooth functioning in the college competitive and career counselling, placement cell, it is observed 64% students placed through the cell in India and abroad during assessment period. For overall development of the students institute having cultural and sports activities. Arts and sports day festival, hand-craft activities and club activities etc. students participated in university level as well as stated level sports and cultural events in which student showed their remarkable achievements. College having registered alumni association under society registration act 12 of 1955. Alumni contributes, supports, and participate in various activities.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	<i>The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.</i>
6.2	Strategy Development and Deployment
6.2.1 QIM	<i>The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc</i>
6.3	Faculty Empowerment Strategies
6.3.1 QIM	<b>The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression</b>
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	<b>Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)</b>
6.5	Internal Quality Assurance System
6.5.1 QIM	<b>Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures &amp; methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities</b>

**Qualitative analysis of Criterion 6**

The college activities under the leadership of the principal reflects more effectively the strategic plans complies with vision and mission of the governing bodies. The growth of the institution is remarkable because of the supportive management. Institution having 4 PhD programs, central research facilities, 56 Scopus indexed publications and more than indexed research publications and research consultancy works proves the development research culture in the college. For the employees, college having EPF, ESI, group insurance, gratuity, maternity leave, loan facilities etc. However, transport facilities still could be improved for the employees and the students as well. Appraisal system is functioning every year as per UGC norms. Regular financial audit is carried out through externally appointed auditor (CA). IQAC constituted as per the NAAC guidelines contributing significantly the development of the institute. IQAC in future set goals to achieve in academic/administration/research for the growth of the institute.



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	<b>Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.</b>  <i>Describe the gender equity &amp; sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words</i>
7.1.4 QIM	<b>Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)</b>
7.2	Best Practices
7.2.1 QIM	<b>Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual</b>
7.3	Institutional Distinctiveness
7.3.1 QIM	<b>Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words</b>

Qualitative analysis of Criterion 7	
Under the sensitization and co-curricular activities, college carried out programs on self-defense and safety, health and hygiene, mental health, women and law. Institution having following facilities for women	
<ul style="list-style-type: none"> <li>• 300 bedded ladies hostel</li> <li>• Facility for personal hygiene</li> <li>• Medical facility</li> <li>• Sports facility</li> <li>• CCTV</li> <li>• Women fitness center</li> <li>• Special counselling facility</li> <li>• College having good solar power plant, biogas plant, waste collection, rain water harvesting, medicinal plant garden, open well recharge unit etc. college also taken initiatives for green campus. For disabled friendly and barrier free environment. Institution taking initiatives on national and international celebration religious festival state national festival and awareness against drug abuse.</li> </ul>	

<b>Section III:OVERALL ANALYSIS</b> based on Institutional strengths.Weaknesses,Opportunities & Challenges(SWOC)(up to 500 words)
Overall Analysis
<b>Strength:</b>
<ul style="list-style-type: none"> <li>• College utilizes ICT facilities in various academics as well as research programs</li> <li>• Well functioning statutory cells</li> </ul>

- Pass percentage of the students is remarkable
- Institute always engages extension activities in the neighbored community
- Alumini association facilitates connection, collaboration and career guidance, contributing to students success and institutional development

#### **Weaknesses:**

- Limited Government funding for infrastructure development and research project
- Local transport service
- Patents filing, publishing and granting

#### **Opportunities:**

- Expanding research collaboration
- Digital transformation
- Centre for excellence from ministry of Ayush to develop herbal formulation

#### **Challenges:**

- PG admission
- Implementation of recommendation 6th and 7th pay scale commission
- Wether condition for the other state students
- Collaboration with othe pharma industries as these industries are less in number in Kerala.

### **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)

- Submission of collaborative research projects in IMR/EMR scheme to pharmacy related Government and non-Government funding agencies
- To establish women empowerment center for development of female students and staff
- To establish well functioning IPR cell for promoting copyrights and patents related matter
- Students having extraordinary skills to inculcate the Indian heritage to promote the students for National and International platform
- Implementation of NEP 2020 and also IKS as per recommendation of Central/State/University

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

**Signature of the Head of the Institution**



Sl.No	Name		Signature with date
1	DR. ABHIJIT JOSHI	Chairperson	
2	DR. MARAKANAM SRINIVASAN UMASHANKAR	Member Co-ordinator	
3	DR. SRI NATARAJ KALAKONDA	Member	
4	Dr. Vishnu Mahesh K R	NAAC Co - ordinator	

**Place**

**Date**