



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

## **NATIONAL COLLEGE OF PHARMACY**

**NATIONAL COLLEGE OF PHARMACY KMCT MEDICAL COLLEGE CAMPUS  
MANASSERY P.O , MUKKAM KOZHIKODE-673602 KERALA  
673602**

[www.nationalcollegeofpharmacy.org](http://www.nationalcollegeofpharmacy.org)

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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**November 2023**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

National College of Pharmacy (NCP), the first institution under the Kunhitharuvai Memorial Charitable Trust (KMCT) was established in the year 1998 by Dr. K. Moidu, a leading medical practitioner in Kerala. The college is located in Manassery, Kozhikode district which form the border of three districts namely, Kozhikode, Wayanad and Malappuram which were declared as educationally backward districts by govt. of Kerala. The institution was established with a vision to emerge as a centre of eminence in pharmacy education to cater the health care needs of the society. National college of pharmacy is aimed at providing quality pharmacy education by cultivating a collaborative, interdisciplinary, innovative and creative environment to the students as well as the faculty.

In the dynamic landscape of education, National College of Pharmacy (NCP) stands as a shining example of how institutional governance and leadership can be seamlessly aligned with the institution's vision and mission. The college's unwavering commitment to excellence in pharmacy education and ethical professional practices is vividly reflected in various institutional practices, demonstrating a holistic approach that encompasses the implementation of the National Education Policy (NEP), sustained institutional growth, decentralization, and active participation in institutional governance.

NCP started pharmacy education with a two year diploma course and currently it offers Diploma in Pharmacy (D.Pharm), Bachelor in Pharmacy (B.Pharm), Doctor of Pharmacy (Pharm D), Doctor of Pharmacy- Post Baccalaurate (Pharm D- PB), Master of Pharmacy (M.Pharm) in Pharmaceutical Analysis, Pharmaceutical Chemistry, Pharmaceutics and Pharmacy Practice. National college of Pharmacy is an approved research centre recognized by Kerala University of Health Sciences for the award of Doctor of Philosophy (PhD) in Pharmaceutical sciences. All courses offered by National College of Pharmacy is approved by All India Council for Technical Education, Pharmacy Council of India, Government of Kerala and Affiliated to Kerala University of Health Sciences. The institution is ISO 9001: 2015 certified and undergraduate Programme B. Pharm is accredited by National Board of Accreditation, Government of India.

### **Vision**

Emerge as a centre of eminence by creating responsible and resourceful citizens with commitment to excellence in pharmacy education and allegiance to ethical professional practices.

### **Mission**

- Providing quality pharmacy education and training that enables pharmacists to facilitate the delivery of ethical, conscientious, cost effective healthcare services to all.
- Cultivating an environment that is collaborative, interdisciplinary, innovative and creative in approach
- Partnering with individuals and institutions across the world who occupy leadership positions and promoting reciprocal exchanges in both academic and cultural spheres.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

**Student-centric active innovative learning environment:** Our institute is following practices of outcome-based education and hence committed to providing a student-centric learning environment. The quality of the education system practiced in the institute is proven through consistency in academic results. We consider students as a central point of the teaching-learning system.

**State of art infrastructure to cater needs of professional education:** The institute has excellent infrastructure facilities which fulfil the need of all students seeking quality pharmacy education. Currently, we are providing a superior physical facility which includes classrooms, laboratories, a library, a sports facility, and a hostel facility. All classrooms are well designed with good ventilation and situated in low noise areas so the disturbances will be less. All laboratories are well-equipped and maintained. Institute to have a state of art computer cum language laboratory which facilitates the learning experience of students.

**Modern analytical instruments facility:** Quality control of medicines is an essential step in the manufacturing of pharmaceuticals. NCP has a remarkable facility in the form of central instrumentation laboratory, which provides exposure to the students to modern analytical instruments like HPLC, FT-IR, Particle size analyser, UV-VIS spectrophotometer, etc. Additionally, this facility is useful for research projects carried out by students and faculty members

**Institutional Entrepreneurship Development Cell (IEDC):** NCP has established an Institutional Entrepreneurship Development Cell (IEDC) to nurture the entrepreneurial spirit among students. The IEDC organizes seminars, webinars, and workshops to provide knowledge, guidance, and inspiration for aspiring entrepreneurs. The IEDC facilitates interactions with successful entrepreneurs, industry experts, and mentors who share their experiences and provide valuable insights to students. It encourages students to develop business ideas, create innovative solutions, and convert them into viable entrepreneurial venture

NCP actively promotes entrepreneurship through the Institutional Innovation Council (IIC) and KMCT Innovation Cell, achieving a 3-star rating for the IIC within two years. The institution fosters an entrepreneurial culture through seminars, webinars, and awareness campaigns, encouraging students to pursue entrepreneurial aspirations

### Institutional Weakness

#### Limited Research Funds from Government Agencies.

NCP faces the challenge of limited research funds from government agencies. Adequate research funding is crucial for advancing scientific knowledge and fostering innovation. Despite this constraint, NCP actively explores alternative sources and collaborations to support research activities. The institute encourages faculty and students to seek research grants and sponsorships from funding agencies, industry partners, and government organizations. NCP strives to maximize available resources and promote a research-oriented culture within its limitations.

#### Restricted Syllabus Changes due to Affiliation with KUHS.

As an institution affiliated with the Kerala University of Health Sciences (KUHS), NCP faces restrictions in making changes to the syllabus. This limitation may hinder the ability to adapt the curriculum to the evolving

needs of the pharmaceutical field. However, NCP recognizes the importance of staying updated and incorporates innovative teaching methodologies and practical experiences within the existing syllabus. The institute focuses on providing a strong foundation of knowledge and skills to students, ensuring they are well-prepared for their future careers in the pharmaceutical industry.

### **Institutional Opportunity**

**Emerging as a Center of Excellence in Education for Rural Areas:** NCP has a unique opportunity to become a center of excellence in pharmacy education, specifically targeting the educational needs of rural areas. The institute's dedication to providing high-quality education has already attracted students from distant locations, indicating its potential for further growth and prominence in the field of education. NCP can capitalize on this opportunity by continuing to focus on delivering superior education and expanding its reach to rural communities, thereby addressing the educational gaps in these areas.

**Growing as a Hub for Consultancy and Revenue Generation:** NCP has the potential to establish itself as a hub for providing consultancy services in the pharmaceutical research domain. By leveraging its expertise and resources, the institute can offer expert advice and support to the scientific community. This consultancy work not only serves as an additional revenue stream for NCP but also provides valuable opportunities for students to engage in practical research and gain hands-on experience. By nurturing these consultancy services, NCP can further enhance its reputation and contribute to the advancement of pharmaceutical research and innovation.

**Promoting Entrepreneurship and Innovation:** NCP has taken significant steps in promoting entrepreneurship and innovation among its students through the establishment of the Institutional Entrepreneurship Development Cell (IEDC), the Institutional Innovation Council (IIC), and the KMCT Innovation Cell. These platforms offer valuable opportunities for students to explore their entrepreneurial aspirations, develop innovative ideas, and participate in competitions and events. By continuing to foster an entrepreneurial culture within the institution, NCP can empower students to become successful entrepreneurs, contribute to economic growth, and make a positive impact in society.

### **Institutional Challenge**

NCP encounters several challenges that impact its operations and growth. These challenges include limited research funds, restricted syllabus changes due to affiliation with Kerala University of Health Sciences (KUHS), and a remote location from pharmaceutical industries. Despite these challenges, NCP is committed to overcoming them and delivering a high-quality education to its students.

- One of the significant challenges faced by NCP is the availability of research funds from government agencies. Adequate funding is crucial for advancing scientific knowledge, conducting research projects, and fostering innovation. However, limited research funds can restrict the scope and depth of research activities at the institution. To mitigate this challenge, NCP actively explores alternative sources of funding and collaborates with external partners, including funding agencies, industry stakeholders, and government organizations. The institute encourages its faculty and students to proactively seek research grants and sponsorships, maximizing available resources and promoting a research-oriented culture within the institution.

- Another challenge is the restricted syllabus changes due to NCP's affiliation with KUHS. As an affiliated institution, NCP faces limitations in making curriculum modifications to adapt to the evolving needs of the pharmaceutical industry. This constraint can hinder the institute's ability to incorporate emerging trends and advancements into the syllabus. Nevertheless, NCP recognizes the importance of staying updated and employs innovative teaching methodologies and practical experiences within the existing syllabus. The institute focuses on providing students with a strong foundation of knowledge and skills, ensuring they are well-prepared for their future careers in the pharmaceutical industry.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

NCP has successfully implemented outcome-based education (OBE), which focuses on developing the knowledge and skills of students to enhance their employability. The curriculum at NCP, is designed by the Pharmacy Council of India (PCI) in New Delhi, as mandated for all PCI-affiliated institutions. At NCP, the curriculum is delivered with utmost dedication and passion. The Academic Monitoring Cell oversees the syllabus of each academic year, identifies any shortcomings, and implements strategies to address them. Identified gaps in the curriculum have been addressed by incorporating additional courses *viz* with a total of 25 add-on courses in the last five years. In addition, an impressive 66.79% of students enrolled and successfully completed add-on courses showcasing a commitment to continuous learning. The institution places a strong emphasis on practical exposure, with 41.8% of students undertaking project work, fieldwork, or internships in the latest academic year.

Additionally, a dedicated Curriculum Committee meticulously plans the academic activities for each semester or year, by designing a well organized Academic calendar. It gives an overview of curricular, co-curricular and extracurricular activities for the forthcoming academic year. The academic calendar is unveiled at the commencement of the academic session and is disseminated to all stake holders as well as on the institution website. This collaborative effort aims to continuously improve the quality and relevance of the institution's academic programs. The institute follows the guidelines and structure of continuous internal assessment and end semester examination. Various reforms have been implemented to enhance the internal examination and continuous assessment processes. The curriculum strikes a balance between theory and practical aspects, offering students opportunities for internships in hospitals or industries, as well as engaging in projects. Additionally, NCP integrates knowledge related to professional and social issues, teaching students about professional ethics, human values, and their responsibilities as citizens towards the nation and the environment. Feedback from stakeholders is highly valued at NCP, and the institute has established a systematic feedback mechanism to continuously improve and make informed decisions.

### Teaching-learning and Evaluation

NCP is committed to maintaining a transparent admission process in accordance with the sanctioned intake, strictly adhering to the regulations set by both the Central and State Governments. The institution has a student enrolment percentage of 86.13, with adequate representation of socially and economically deprived communities based on the reservation policies of the government. 83.78 % of sanctioned posts are filled by full time teachers with 12.96 Student-Full time Teacher ratio. 6 faculties are having Ph D degree and 10 faculties are pursuing a doctoral degree. The institution teaching learning is outcome based. The institution emphasizes experiential learning through practical experiences, including industrial visits, role-play exercises, internships,

and community programs. ICT integration is achieved through tools like Moodle and Google Classroom, while active learning involves flipped classrooms and hands-on training sessions. Participative methodologies, interdisciplinary learning, blended learning, problem-solving methods, and community-based learning further enhance the educational approach at NCP. The institution also hosts a NPTEL SWAYAM local chapter, offering diverse interdisciplinary courses. The Family Pharmacist Program, community based initiative, utilizes student's roles with faculty guidance in real-world scenarios. NCP actively employs a mentor-mentee system to provide personalized guidance based on individual learning paces. The Examination committee ensures internal assessment is carried out systematically and time bound. The examination grievance redressal system of the college and university levels ensures transparency of assessments. All teaching and learning activities are outcome based. POs, COs and PSOs are communicated to students through the college website. Attainment of outcomes is evaluated through Bloom's Taxonomy. The excellent pass percentage of 81.92 is a testimony to the concentrated and committed efforts in the teaching and learning process.

### **Research, Innovations and Extension**

National College of Pharmacy (NCP) has secured research grants from both governmental and non-governmental agencies to support faculty-led research projects. Engaging in research activities enhances problem-solving skills for both students and faculty members. NCP has invested in modern research instruments, such as HPLC, UV-Visible spectrophotometer, dissolution test apparatus, rotary tablet compression machine, stability chamber, FTIR, and others, to facilitate research and skill development. Grants received from Government and a non-governmental agency for research projects / endowments in the institution during the last five years is 9.2 lakhs. Faculty members have contributed to the academic community by publishing research papers, review articles, patents, and book chapters in reputable publications indexed by UGC CARE list, Scopus, and Web of Science. Total number of research papers published in the Journals notified on UGC care list during the last five years is 128.

Furthermore, they have authored books in collaboration with esteemed publishers like Emmeesse, Prime, IIP and Springer. Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year wise during last five years is 24. NCP emphasizes professional development by encouraging faculty members to participate in workshops, conferences, and seminars conducted by other educational institutes and professional bodies. Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years is 43.

The institute also creates awareness about social issues by organizing outreach programs and awareness camps in villages through the National Service Scheme (NSS), making valuable contributions to society. Number of functional MoUs/linkages with institutions/industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years is 54. NCP has received recognition from governmental bodies for its impactful initiatives. Collaborations with other institutes and industries further support research activities and contribute to the overall development of students.

### **Infrastructure and Learning Resources**

NCP boasts excellent infrastructure that is regularly maintained and upgraded to meet the requirements of

higher education bodies such as the All India Council for Technical Education (AICTE), Pharmacy Council of India (PCI), and Kerala University of Health Sciences (KUHS), Thrissur. The institute is situated in a lush green and pollution-free environment, providing an ideal ambiance for academic pursuits. It features well-equipped lecture halls, seminar halls with ICT facilities, tutorial rooms, laboratories, administrative offices, including the Principal's office, Training and Placement (T&P) office, HOD & Faculty Cabins, Exam control room, and a central store room. NCP is committed to inclusivity, offering ramps, lifts, and wheelchairs for differently-abled students. Highly sophisticated instruments such as HPLC, UV-visible spectrophotometer, tablet coating machines, and more are available for students' training and utilization. Additional facilities include separate common rooms for boys and girls, medical facilities, counseling centers, and a language lab. First aid boxes are conveniently placed in each department, and the institute ensures a dedicated lease line connectivity of 500 Mbps. Safety measures are in place with fire extinguishers installed on each floor and at key locations. NCP's library houses an excellent collection of books, journals, databases, and magazines, complemented by a book bank facility for all students. The institute subscribes to national and international journals and e-journals through platforms like DELNET and EBSCO. To promote the holistic well-being of students, various sports facilities are provided, including a well-equipped open gymnasium.

### **Student Support and Progression**

National College of Pharmacy is dedicated to nurturing student success through a comprehensive range of support and progression initiatives. On an average, 41.23% of the students are the beneficiaries of Scholarships and Freeships, which enables them to pursue their educational aspirations unhindered, not only relieving financial burdens but also inspiring a pursuit of excellence. 1290 students are benefited by various Government / Institutional scholarships and freeships in the assessment period. More than 40 Capacity Development and Skill Enhancement programs were conducted on soft skills, language and communication skills, life skills and ICT and Computational skills, which equip future pharmacists with the knowledge and interpersonal abilities necessary to excel in their roles. The Career Guidance and Placement Cell serves as a vital resource, facilitating students' seamless transition from academia to the workforce. The institution offers higher education counseling, and competitive examination training/coaching programs for NCP students. The initiation was benefitted to 60.64% students. The college has instituted various essential committees for effectively addressing the grievances of students and faculty. 35 outgoing students progressed to higher studies during the assessment period and percentage of placement of outgoing students and students progressing to higher education during the last five years is 60.64%. The students of the institution have participated in 150 Sports and Cultural events during the assessment years. The students of has won 43 awards and recognition in various cultural and sports competitions conducted at national and university level. There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services.

### **Governance, Leadership and Management**

The institution aims to realize its vision by nurturing a community of learners dedicated to improving the world. This is achieved through the mission of preparing learners to drive positive social change and engage with their communities.

- The vision is to produce exceptional pharmacy professionals who are committed to excellence and ethical practices.

- The mission is to provide quality pharmacy education, foster a collaborative and innovative environment, and partner for global leadership and exchanges in healthcare and academics.
- The Board of Trustees operates as the institution's governing body and develops the annual plan. It also oversees how the institution is operated.
- The College Committee and the Board of Advisors are included in the planning of operational strategies by the Managing Director.
- According to the guidance of the Principal, the Academic Council integrates activities with a five-year perspective Plan.
- Administration, finances, student admissions, support, and exams all use e-Governance effectively.
- NCP's institutional practices showcase a deep-rooted commitment to aligning with the goals of NEP 2020.
- The institution offers a number of benefits to employees that encourage and support the mental and physical health of its workforce. Welfare measures such as ESI scheme, PF, Hospital facilities are provided.
- Over the last five years, 20.28% of teachers at the institution have received financial support for attending conferences and workshops, as well as covering membership fees for professional bodies. Additionally, a commendable 70.59% of both teaching and non-teaching staff actively participated in Faculty Development Programmes (FDP), Management Development Programmes (MDPs), and various professional development/administrative training programs. This commitment to continuous learning and professional growth underscores the institution's dedication to fostering a knowledgeable and skilled academic and administrative workforce.
- The college's IQAC plays a key role in its internal evaluation system for encouraging best practices. IQAC collects and analyzes 360 ° feedback systems from stakeholders, and action is taken against these in association with the curriculum committee.
- IQAC has organized numerous programs, including six faculty development initiatives, demonstrating its commitment to continuous improvement and the professional development of the academic community.

### **Institutional Values and Best Practices**

National College of Pharmacy (NCP) is unwavering in its commitment to institutional values and best practices. NCP places a strong emphasis on creating a safe and inclusive environment for its diverse community, advocating for gender equity. It achieves this through a dedicated Gender Sensitization Cell that oversees an inclusive admission policy, encourages gender-neutral language, and implements a range of robust safety measures and awareness sessions. NCP demonstrates its commitment to safety and security with dedicated security guards, extensive CCTV surveillance, providing separate and secure hostels, as well as female-friendly transportation options, creche facility for the toddlers of both students and faculty. NCP's green initiatives include energy conservation, waste management, water conservation, a green campus, and a disabled-friendly environment. Audits ensure sustainability and inclusivity.

NCP's dedication to fostering an inclusive environment is achieved by organizing cultural enrichment programs, and initiating cultural activities that connect students with local communities. NCP ensures that students and staff are sensitized to their constitutional obligations, with the institution actively commemorating national days, encouraging voluntary activities, supporting women's empowerment forums, and engaging in various outreach programs.

NCP's first best practice, the "Family Pharmacist - A Community Health Initiative," establishes a symbiotic



relationship with the local community, enhancing health awareness, medication adherence, preventive measures and conduct health care screenings.. This experiential learning initiative, led by students, successfully bridges the gap between theoretical knowledge and practical application. In the second best practice, the "SARVA SWASTHYA VIDYALAYA" (Spiritual Sparkle Vibe- SSV),NCP encompasses a holistic approach that integrates physical and mental well-being into the academic environment and its extension to the nearby 'Vidyalayas'(schools) and local community. SSV combines balanced diet, fitness programs, awareness programs, and celebrations for students,faculty and the community to create a clean, green, and celebratory campus environment.

NCP's distinctiveness as an institution that strives to stay ahead of the curve. Institution excels in preparing future-ready graduates through its various initiatives in nurturing innovation, digital learning revolution, entrepreneurship, cutting-edge trends, cinematic insights, and pioneering training for future digital generation.This distinctive approach empowers students with the skills, knowledge, and mindset needed to adapt and excel in a dynamic world.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	NATIONAL COLLEGE OF PHARMACY
Address	NATIONAL COLLEGE OF PHARMACY KMCT MEDICAL COLLEGE CAMPUS MANASSERY P.O , MUKKAM KOZHIKODE-673602 KERALA
City	KOZHIKODE
State	Kerala
Pin	673602
Website	<a href="http://www.nationalcollegeofpharmacy.org">www.nationalcollegeofpharmacy.org</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	SUJITH VARMA K	0495-2297440	9037663829	0495-229475 3	pharmacy@kmct.e du.in
IQAC / CIQA coordinator	Akash Marathakam	0495-2297442	9846036767	0495-229475 3	amarathakam@gma il.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

<b>Recognized Minority institution</b>	
If it is a recognized minority institution	Yes <a href="#">MINORITY CERTIFICATE..pdf</a>
If Yes, Specify minority status	
Religious	Muslim
Linguistic	
Any Other	

<b>Establishment Details</b>				
<b>State</b>	<b>University name</b>	<b>Document</b>		
Kerala	Kerala University of Health Sciences	<a href="#">View Document</a>		
<b>Details of UGC recognition</b>				
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>		
2f of UGC	16-08-2023	<a href="#">View Document</a>		
12B of UGC				
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
PCI	<a href="#">View Document</a>	19-04-2023	12	Approved by PCI
AICTE	<a href="#">View Document</a>	03-07-2022	12	Approved by AICTE

<b>Recognitions</b>	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	NATIONAL COLLEGE OF PHARMACY KMCT MEDICAL COLLEGE CAMPUS MANASSERY P.O , MUKKAM KOZHIKODE-673602 kERALA	Urban	2.5	17431

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BPharm,Pharmacy	48	PLUS TWO SCIENCE	English	100	100
PG	Pharm D,Pharmacy	72	PLUS TWO SCIENCE	English	30	30
PG	MPharm,Pharmacy	24	B PHARM	English	6	0
PG	Pharm D,Pharmacy	36	B PHARM	English	10	0
PG	MPharm,Pharmacy	24	B PHARM	English	9	0
PG	MPharm,Pharmacy	24	B PHARM	English	9	0
PG	MPharm,Pharmacy	24	B PHARM	English	9	0

### Position Details of Faculty & Staff in the College

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	8				10				33			
Recruited	7	1	0	8	0	10	0	10	7	26	0	33
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	10				10				33			
Recruited	8	2	0	10	0	10	0	10	7	26	0	33
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				33
Recruited	8	25	0	33
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	1	0	0	0	0	0	0	0	6
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	3	1	0	0	10	0	6	27	0	47
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>					
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>		<b>Female</b>	<b>Others</b>	<b>Total</b>
		0	0	0	0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	18	0	0	0	18
	Female	82	0	0	0	82
	Others	0	0	0	0	0
PG	Male	4	0	0	0	4
	Female	26	0	0	0	26
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years						
Category		Year 1	Year 2	Year 3	Year 4	
SC	Male	1	1	1	0	
	Female	1	5	2	4	
	Others	0	0	0	0	
ST	Male	0	0	0	0	
	Female	0	0	1	0	
	Others	0	0	0	0	
OBC	Male	21	24	23	34	
	Female	103	127	117	91	
	Others	0	0	0	0	
General	Male	1	2	3	2	
	Female	5	6	17	13	
	Others	0	0	0	0	
Others	Male	0	0	0	2	
	Female	0	1	2	7	
	Others	0	0	0	0	
Total		132	166	166	153	

### Institutional preparedness for NEP



1. Multidisciplinary/interdisciplinary:	The National Education Policy (NEP) 2020 emphasizes the holistic development of students, encompassing intellectual, aesthetic, social, physical, emotional, and moral aspects in an integrated manner. Faculty members engaged in discussions on key NEP principles, such as diverse curriculum and pedagogy with technological innovations, logical decision making, innovation, critical thinking, and creativity. To offer interdisciplinary subjects, the institute has established add-on courses, NPTEL Swayam Local Chapter enabling interested students to gain a graduate-level skillset. The institute ensures alignment with the NEP 2020 requirements in higher education through well-defined learning strategies, outcomes that fulfil the goals of each program
2. Academic bank of credits (ABC):	Our institute employs an innovative curriculum with a student-centric pedagogical approach, emphasizing constructivism, inquiry-based learning, reflection, collaboration, and integration. Faculty members utilize summative and formative assessments, along with assignments, to evaluate student learning outcomes. The pedagogical approach adopted by faculty members is student-centric, focusing on constructivism, inquiry-based learning, reflection, collaboration, and integration. Summative and formative assessments and assignments are used to evaluate student learning outcomes.
3. Skill development:	The institute's vision of promoting value-based quality education necessitates the extension of add-on programs alongside the curriculum to accelerate skill development. Personality development, skill enhancement, and life-saving skills programs have been organized with the support of highly qualified professionals and resource persons. The institute has signed MOUs with renowned national and international institutes, organizations, and industries to foster skill development, innovation, and entrepreneurship among students in the healthcare sector. A mentoring system is also in place to guide students in exploring future careers and making the most of their studies.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Promoting Indian culture and arts benefits individuals and the country as a whole. While English is used as the medium of communication and instruction in the professional pharmacy course, the institute celebrates significant dates and organizes activities in regional

	<p>languages to instill regional pride. Commemorations like Republic Day and Independence Day address students in their native languages, promoting national unity. Cultural events are held on occasions such as Women's Day, Traditional Day, Teachers' Day, and festivals to raise awareness about Indian languages, regional cultures, and religious festivals. National observances like Constitution Day and Yoga Day are also recognized.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The institute has embraced outcome-based education, aligned with the standards set by regulatory bodies such as the Pharmacy Council of India (PCI) and the All India Council of Technical Education (AICTE). Programs and courses are designed with clear program outcomes and course outcomes, focusing on cognitive abilities ranging from remembering to creating. Alongside this the learning outcomes emphasize social responsiveness, ethics, and entrepreneurial skills, encouraging proactive contributions to the nation's economic, environmental, and social well-being. The course outcomes are aligned with the program outcomes, and all syllabi adhere to regulatory guidelines, taking into account economic and societal needs to embody the spirit of the NEP.</p>
<p>6. Distance education/online education:</p>	<p>While NCP adheres to the restrictions imposed by the PCI and affiliating University, it refrains from offering distance education. However, the institution maintains a strong foundation in electronic resources, particularly geared towards e-learning and hybrid modes of education. Also the National Education Policy (NEP) 2020 has ushered in a new era of education, emphasizing the need for institutions to adapt to evolving pedagogical methods. One crucial aspect of this transformation is the integration of distance education and online learning. Our institution recognizes the significance of this shift and is meticulously prepared to harness the potential of distance education and online learning in alignment with the NEP's vision.</p> <ul style="list-style-type: none"> <li>• Technological Infrastructure: We have invested in state-of-the-art e-learning platforms, secure communication tools, and digital resources that ensure seamless content delivery and interactive e-learning experiences.</li> <li>• Student-Centric Approach: The faculty and support staff at our institution has been trained in online teaching methodologies that focus on constructivism,</li> </ul>

inquiry-based learning, reflection, collaboration, and integration. • Faculty Development: Recognizing the critical role of faculty in delivering quality online education, our institution provides ongoing professional development and training opportunities. This ensures that our educators are well-equipped to deliver effective and engaging online instruction. • Digital Inclusion: Our commitment to the NEP extends to promoting digital inclusion. We are dedicated to bridging the digital divide by providing necessary resources and support to students who may face challenges accessing online education due to a lack of digital devices or connectivity. Content has made available in HEI Website with E resources.

### Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Our institute has applied for ELC through SVEEP division of Election Commission of India. They have received the application and have forwarded the same to the District Election Officer of Calicut.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Our institute has applied for ELC through SVEEP division of Election Commission of India. They have received the application and have forwarded the same to the District Election Officer of Calicut.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Our institute has applied for ELC through SVEEP division of Election Commission of India. They have received the application and have forwarded the same to the District Election Officer of Calicut.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Our institute has applied for ELC through SVEEP division of Election Commission of India. They have received the application and have forwarded the same to the District Election Officer of Calicut.
5. Extent of students above 18 years who are yet to be	Our institute has applied for ELC through SVEEP

enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.

division of Election Commission of India. They have received the application and have forwarded the same to the District Election Officer of Calicut.

## Extended Profile

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### 1 Students

#### 1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
622	621	637	629	620

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 73

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
48	42	43	42	42

### 3 Institution

#### 3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
195.97	158.69	407.50	150.47	173.89

File Description	Document
Upload Supporting Document	<a href="#">View Document</a>

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1

**The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment**

**Response:**

The National College of Pharmacy, affiliated to KUHS, adheres to the outcome based education(OBE) which aligns with the Pharmacy Council of India (PCI) syllabus.

National College of Pharmacy has developed and implemented well planned teaching, learning and evaluation process to achieve Graduate Attributes by the students. The Graduate Attributes designed by KMCT, are also mapped with the Program Outcomes of the syllabus. The Program Committee of our institution has designed and defined course outcome of every courses. Every Course Outcomes are also mapped with the Program Outcome with the help of specific Program committees. To ensure implementation of the curriculum National College of Pharmacy has formed a Curriculum Committee which works in tandem with Academic Monitoring Cell.

**CURRICULUM PLANNING:**

Curriculum committee meticulously plans academic activities of each semester/year. Academic Monitoring Cell, which comprises of all HODs and Class-in-Charges, monitors the syllabus of each year and identifies the gap in syllabus and methods to rectify it. Identified gaps in the curriculum have been addressed by incorporating additional courses with a total of 25 add-on courses in the last five years. Departmental meetings are overseen by the Curriculum Committee which lead to allocation of subjects, consolidates workloads and prepares academic timetable based on the standard hours per week. Teachers prepare comprehensive course files containing timetables, lesson plans, pedagogical materials, and question repositories. Along with Curriculum committee, program committee, academic monitoring cell, IQAC and Examination Committee also helps in smooth institutional functioning.

**ACADEMIC CALENDAR:**

Curriculum Committee designs the academic calendar. It gives an overview of curricular, co-curricular and extracurricular activities for the forthcoming academic year. The academic calendar is unveiled at the commencement of the academic session and is disseminated to all stake holders as well as on the institution website. Curriculum Committee reviews adherence and implementation of academic calendar.

**ASSESSMENT PROCESS:**

- The students are exposed to formative assessments regularly. The syllabus for Internal Assessment (IA) is informed prior to the students. The timetables for the IA schedule is

incorporated into the regular timetable in such a way that student writes internal assessment exams well prepared. Formative assessments such as attendance, assignments, class tests, case study, academic tasks, student-led seminar, practical and viva voce examinations and team-based learning are performed periodically. The institution makes use of Campus Medicine, an advanced ERP solution for tracking student's curricular performance, helping the stakeholders to monitor them efficiently. Answer sheets are handed out to students, thoroughly examined for any required recommendations, and suggestions for further improvement are provided. The Internal Assessment (IA) marks are publicly posted on notice board.

- Summative assessments, including written exams and practical exams evaluate students overall knowledge, skills, and competencies.

### TEACHING AND LEARNING METHODS:

The following teaching and learning methodologies are adopted in our college.

- Experiential Learning
- ICT Integration
- Active Learning
- Participative Learning methodologies
- Interdisciplinary learning
- Blended Learning
- Problem-Solving method
- Community Based Learning
- Interactive discussions, visual aids and Remedial sessions are conducted for slow learners, while advanced learners are encouraged to participate in certified courses (NPTEL), seminars and workshops.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1

**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

**Response: 25**



File Description	Document
List of students and the attendance sheet for the above mentioned programs	<a href="#">View Document</a>
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Evidence of course completion, like course completion certificate etc. Apart from the above:	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 1.2.2

*Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years*

**Response:** 66.79

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
415	409	400	441	425

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

### 1.3.1

*Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum*

**Response:**

The **National College of Pharmacy** offers programmes related to professional training in healthcare field, with emphasis on the cultivating the skills in scientific thinking, innovation and humanistic discipline. The methods and various measures in each cross-cutting issues is elaborated under each headings.

### **Professional Ethics:**

- **Research methodology:** Research methodology curriculum instills integrity, robust statistical methods, and ethical standards while a research is being conducted.
- **Pharmaceutical Jurisprudence:** Equips students with legal insights for ethical pharmaceutical practices such as manufacturing, distribution and sale of pharmaceuticals and cosmetics.
- **Quality Assurance:** This subject focus on maintaining societal trust through quality assurance principles.
- **Communication Skills:** This subject plays an important part in guiding interactions with patients, health professionals, and society.
- **Workshops and Seminars:** Regular workshops on research methodology, Intellectual property rights, ethics and personality development are conducted which help to boost the confidence and societal responsibility of our students while they are molded into professionals.

### **Gender Equity:**

- **Inclusivity:** Admission policy of the institution is gender neutral. Integration of gender-neutral language is adopted for classroom inclusivity.
- **Awareness Activities:** Organizing events like International Women's Day, International Day for the Girl Child and World Breastfeeding Week.
- **Gender Sensitization Cell:** This cell provides support services and address complaints regarding discrimination and harassment or any misconduct.
- **Women Cell:** This cell promotes inclusivity, advocates the rights and concerns of women students and faculty, arrange self-defense and skill development activities.
- **Awareness Campaigns:** Guest lectures, seminars, and workshops to promote gender equity by joint activities of Gender Sensitization Cell and Women Cell.

### **Human Values:**

- **Pharmacy Practice:** This subject enhances the clinical knowledge and helps in better medication management, which will in turn improve patient counseling, clinical decision making and better drug information services.
- **Community Pharmacy:** Community pharmacy helps cultivate human values and also be helping hand in common communicable and non-communicable diseases in the community.
- **Communication Skills:** This subject in the syllabus helps a student to be having a good communication practice that will aid them in better patient interaction, inter-professional collaboration, medication counseling and a good teamwork.
- **Outreach Programs:** Conducting outreach programs, awareness campaigns, and educating on health issues.
- **Patient Counseling Centre:** Providing personalized support through a patient counseling centre and community surveys.
- **Guest Sessions:** Guest talks emphasize pharmacists' roles and responsibilities in society and

cultivation of human values and also help students comprehend their responsibilities as pharmacists, fostering their contribution to society.

### Environment and Sustainability:

- Environmental Sciences: Learning about the ecosystem and pollution helps a student identify the environmental impact of improper drug and waste disposal.
- Environmental Awareness: Raising awareness about environmental conservation and sustainability.
- Seminars and Lectures: Integration of water conservation and green practices in pharmaceutical chemistry.
- Practical Commitment: Promoting tree planting, sapling distribution, use of LED lamps in campus and observing World Environment Day. Observance of Important Days: Recognizing Earth Day, World Water Conservation Day, National Energy Conservation Day and National Pollution Control Day.
- Plastic free campus: Plastic is strictly prohibited in the campus. Green Audit and Energy Audit is conducted in the campus on regular basis.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 1.3.2

**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)**

**Response:** 41.8

#### 1.3.2.1 Number of students undertaking project work/field work / internships

Response: 260

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

### 1.4.1

*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on*

*the feedback is made available on institutional website*

**Response:** A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	<a href="#">View Document</a>
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	<a href="#">View Document</a>
Action taken report on the feedback analysis	<a href="#">View Document</a>
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1

##### Enrolment percentage

**Response:** 86.13

##### 2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
130	159	158	149	149

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
173	173	173	173	173

#### File Description

#### Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

#### 2.1.2

*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

**Response:** 83.87

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
17	21	20	22	24

### 2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
20	26	26	26	26

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	<a href="#">View Document</a>
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule ( Translated copy in English to be provided as applicable)	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

### 2.2.1

**Student – Full time Teacher Ratio  
(Data for the latest completed academic year)**

**Response:** 12.96

## 2.3 Teaching- Learning Process

### 2.3.1

**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**

**Response:**

**At National College of Pharmacy (NCP), our teaching-learning process is focused on Outcome Based Education (OBE). It is designed to align with the institution's graduate attributes and program outcomes, ensuring that students not only acquire knowledge but also develop essential skills necessary for their academic and professional pursuits.**

NCP is always in the forefront for implementing innovative student-centric methods for enhancing learning experiences such as

- **Experiential Learning**
- **ICT Integration**
- **Active Learning**
- **Participative Learning methodologies**
- **Interdisciplinary learning**
- **Blended Learning**
- **Problem-Solving method**
- **Community Based Learning**

**Mentor mentee** system is actively implemented in NCP, which aims to provide personalized guidance and assistance to students with different learning paces ie, **slow, average and advanced learners.**

### **1. Experiential Learning:**

- NCP provides practical experiences alongside theoretical knowledge by combining theory with hands-on training for deeper understanding. Industrial visits, role-play exercises, field visits, internships, hospital postings, and community programs like “Family Pharmacist” program highlight the tangible real-world applications of knowledge and skills.
- Students learn about various medicinal plants from herbal garden visit.

### **2. ICT Integration:**

- ICT enabled classrooms for integrated teaching learning process. NCP makes use of ICT tools such as Moodle, Google Classroom, and e- content created by our faculty through NCP YouTube channel.
- Animal Simulation Software like Ex-pharm facilitates pharmacology experiments.
- *CliniRex* application offers AI powered clinical documentation and drug Information.

### **3. Active Learning:**

- Methods, such as the flipped classroom, seminars, case studies, and hands-on practical experiences are adopted for student engagement and interactive learning.

#### **4. Participative Learning methodologies:**

- Journal clubs, seminars, bed side teaching and case presentations enables students to experience real-world situations.

#### **5. Interdisciplinary learning**

- To achieve our vision we provide opportunity to learn different disciplines through our KMCT Medical College Hospital and KMCT Ayurveda Medical College. These include seminars, research initiatives, and invited lectures.
- The NCP hosts a local NPTEL SWAYAM chapter, where students eagerly engage in a diverse array of courses covering interdisciplinary subjects.

#### **6. Blended Learning:**

- LMS applications such as Moodle enhance blended learning by providing a centralized platform for content management, assessments and communication, facilitating a flexible and accessible educational experience.
- Combine conventional classroom teaching with online resources and activities. Along with teaching sessions, we do follow online learning (video lectures), virtual simulations (Ex pharm) and clinical rotations.
- NCP is equipped with digital library (Delnet and Ebsco) which provides easy access to a wide range of resources.

#### **7. Problem-Solving method:**

- Teachers demonstrate experiments followed by problem assignments.
- Case study-based problems apply theoretical knowledge to real scenarios.
- UG - PG projects offer several benefits including Problem-Solving Skills.
- At NCP, students engage in **role-play** exercises to enhance communication skills, develop patient counseling abilities, practice clinical scenarios, and improve problem-solving skills.

#### **8. Community based learning:**

- Under our Family Pharmacist Program, NCP make use of the students to play the role as a pharmacists with the proper guidance from faculty as well as the senior students. This is done in Division 24 of Mukkam Municipality, Calicut. This is one of our best practices as this enriches the learning process for our graduates.



File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1

**Percentage of full-time teachers against sanctioned posts during the last five years**

**Response:** 83.78

#### 2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
53	53	51	51	51

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	<a href="#">View Document</a>

### 2.4.2

***Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)***

**Response:** 11.98

#### 2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
6	4	6	6	4

<b>File Description</b>	<b>Document</b>
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	<a href="#">View Document</a>
Institution data in the prescribed format	<a href="#">View Document</a>
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1

**Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient**

**Response:**

The **National College of Pharmacy** ensures transparency in both internal and external assessment mechanisms, while maintaining an efficient and time-bound grievance redressal system.

**INTERNAL/EXTERNAL EXAMINATION ASSESSMENT:**

Examination Committee (EC) coordinates the smooth conduct of internal/external examinations. The EC prepares the examination schedule based on academic calendar. EC intimates the faculty for question paper submission and deadline for distribution of corrected answer scripts through circulars. The question papers for theory and practical internal examinations are designed based on university guidelines and course outcomes. The internal exam question papers are prepared by two subject experts from the question bank designed by NCP which is verified by the Head of the Departments (HoD) and evaluation of the answer scripts are done by two faculties from the same department.

The EC appoints invigilators to monitor the fair conduct of internal examination. The results of the internal assessment are displayed in the notice board and in the “campus medicine” (academic management system exclusively developed for NCP) which can be accessed by Principal, HoD's, students and parents with their login ID.

The external examinations are carried out as per the specifications of the University. The invigilators for external examinations are appointed by EC as per university guidelines. Evaluation of University Practical Examination is done by two examiners, one internal and external as appointed by the University. All theory examinations are conducted under CCTV surveillance.

**MECHANISMS FOR REDRESSAL OF GRIEVANCES**

The institution is focused on addressing issues related to assessments, including both External

Examinations and Continuous Internal Assessments. To make sure the right actions are taken, the institution categorizes these concerns into College and University levels.

#### College level:

- The answer scripts are distributed in the class by the subject in charge within ten days after the commencement of examination.
- Grievances or disputes should be addressed to the subject in charge within 24 hours
- If the subject in charge can't be clear the grievance, then the students can report to the EC.
- EC will forward the answer scripts to the Department HoD for reevaluation within 24 hours. The HoD will reevaluate in the presence of students within two days based on evaluation guidelines.
- The Principal and EC continuously oversee all aspects of the grievances and make necessary improvements if needed.
- The grievances will be resolved and communicated to students within 4 days.

#### University level:

- Upon the receipt of question paper, a student can raise dispute in the relevance of the question and raise dispute to nodal officer through chief superintendent of the examination. The questions will be changed if any disputes are found genuine.
- After the publication of results if there are any grievances regarding their marks they can opt for retotaling. Students also have the option to request photocopies of their answer sheets directly from the University within the time allotted by the university.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

### 2.6.1

*Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website*

#### Response:

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on **National College of Pharmacy's** website

National College of Pharmacy in its alignment with the implementation of Outcome Based Education (OBE), formulated various attributes. The vision and mission statements of our educational institution provide a clear direction and purpose, guiding in the development and implementation of Graduate

Attributes (GA) developed by KMCT Group of Institutions and Program Educational Objectives (PEOs) that align with the Program Specific Outcomes (PSOs), Program Outcomes (PO) and Course outcomes (CO) that cater to the unique needs of our students to harmonize with both clinical practice settings and the requisites of the industry. This ensures a comprehensive and student-focused approach to our educational programs

## METHODS OF IMPLEMENTATION

In addition to objectives mandated by the university, the program committee of the institution has formulated its distinct set of POs and Cos, which will be explained to the teachers at the onset of the academic year. Both parents and students receive a comprehensive explanation of the POs during the induction program of the first-year classes. Furthermore, the Course Outcomes (COs) will be introduced to students as part of their induction program.

The institution clearly stated and displayed the Program Outcomes (POs) and Course Outcomes (COs) for all its offered programs on

- **Official website**
- **Student Hand book**
- **Corridors**
- **Classrooms and Labs**
- **First two slides of every lecture**

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 2.6.2

*Attainment of POs and COs are evaluated.*

**Explain with evidence in a maximum of 500 words**

**Response:**

The institution has a well-defined program outcome (PO), Program-specific outcome (PSO) and Course Outcomes framework in place to ensure that students acquire the necessary skills and knowledge in their respective program areas.

The attainment of POs and COs are evaluated by direct and indirect attainment methods.

**Level of attainment**

The three levels of attainment is taken as 1- low; 2- medium; 3- high and it can be defined as

- Attainment 3 :70% of students score more than 50% marks
- Attainment 2 : 60% of students score more than 50% marks
- Attainment 1 : 50% of students score more than 50% marks

### **Direct attainment**

The direct attainment is done by evaluating student performance in Continuous Internal Assessment (CIA) which comprises of sessional examinations and academic activities (assignments, seminars, class tests and quizzes) and End semester/ year examinations(EE).

The proportional weightages of CIA: EE are 20:80. Direct attainment of a specific COs is determined from the performances of students to all the assessment items related to that particular CO. Hence, every assessment item needs to be tagged with the relevant CO. Continuous Internal Assessment is conducted and evaluated by college and End Semester Examination is conducted and evaluated by the University. The average marks scored in End semester/year examination will be considered as the common attainment of all COs.

**Direct Course Outcome Attainment = 20% of Continuous Internal Assessment (CIA) +80% of End Semester/year examination attainment.**

### **Indirect attainment**

- Indirect attainment of COs can be determined from thecourse end survey.

**Attainment of CO = (Level-1 X No of Students Attempted) + (Level-2 X No of Students Attempted) + (Level-3 X No of Students Attempted)/Total No of Students**

(Level 1: Low; Level 2: Medium; Level 3: High)

**Overall Course Outcome Attainment = 90% Direct Course Outcome Attainment + 10% Of Indirect Attainment**

### **PO ATTAINMENT**

PO assessment tools are categorized into Direct method and Indirect method. The final PO attainment is calculated by taking 80% of the attainment values from Direct assessment method and 20% of the attainment values from Indirect assessment method.

#### **Direct Method:**

Once the overall attainment percentage of each COs is calculated, the PO attainment is calculated by taking the cumulative average of all the course's CO attainment which contributes to the Program Outcomes.

#### **Indirect Method:**

This assessment approach is intended to find out about the quality of the learning process by getting feedback from exit surveys.

The obtained values will be compared with the set attainment target fixed for each PO.

- If the target is achieved, then the same process will be continued for further batches.
- If the target is not achieved, then continuous improvement action will be taken for each PO.

Based on the attainment, the improvements to be done are discussed among the staff.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 2.6.3

#### Pass percentage of Students during last five years (excluding backlog students)

**Response:** 81.92

##### 2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
115	114	88	81	105

##### 2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
115	118	140	118	123

<b>File Description</b>	<b>Document</b>
Institutional data in the prescribed format	<a href="#">View Document</a>
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	<a href="#">View Document</a>
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1

**Online student satisfaction survey regarding teaching learning process**

**Response:**

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll as per data template	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

#### 3.1.1

*Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)*

**Response:** 9.22

**3.1.1.1 Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
2	0.12	1.86	4.71	0.53

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

#### 3.2.1

**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**

**Response:**

INNOVATION ECOSYSTEM AT NATIONAL COLLEGE OF PHARMACY

**IIC (Institution Innovation council) under Ministry of Education**

IIC is a platform set up in the college with an aim to provide students an opportunity to experiment and innovate. It was established in August 2021, to foster the culture of start-up ecosystem in the campus.

The outcomes of the IIC are as follows

- Achieved 3-star rating within two consecutive years with in its inception. Various activities



related to IIC Calendar activities, self-driven initiatives, celebration activities, and MIC-driven activities were carried under IIC.

- 10 staff members participated in IA (Innovation Ambassador) training and received appreciation certificates.
- The Principal and the IIC Co-ordinator participated in IIC Regional meet at Kochi, 2022, and represented the college IIC activities. Mr. Dipan Sahu, Asst. Innovation Director , MoE's Innovation Cell, AICTE participated as the judge.
- The college has got **Impact lecture fund (Rs 12,000)** from IIC

### **(E-Cell) Entrepreneurship Cell and Achievements**

- E-Cell established in the college campus in August 2022.
- E-Cell members won **first prize in** National Entrepreneurship Challenge (NEC) from IIT Bombay with cash prize worth **5,70,000 Rs/-**

**IEDC** (The Innovation and Entrepreneurship Development Centres) by Govt of Kerala under Kerala Startup Mission

- IEDC is a flagship initiative of Kerala Startup Mission (KSUM) to promote innovation and entrepreneurship among the student and academic fraternity in the educational institutions in the State of Kerala.
- The IEDCs was established in National College of pharmacy (NCP) in December 2022. The college has received **Rs 2 Lakhs fund from KSUM**. By establishing an IEDC, NCP is taking a significant step toward nurturing a spirit of innovation and entrepreneurship and help students realize their entrepreneurial aspirations.

### **Indian Knowledge system**

The institute integrates celebrations of significant regional events fostering regional pride, national unity, and awareness of Indian languages and traditions among students.

### **IPR, Patents and Incubation center**

The IPR Cell of the college aims to create awareness about IPR in the institution. The main objective of IPR is to create awareness and educate the faculty and students about IPR.

**11 patents filed**, 10 published, and one German patent granted. The college has received Appreciation certificate from KAPILA, IPR Patent office, Chennai for conducting IPR Awareness program in 2022.

**About KIIC (KMCT Innovation & Incubation Center registered under section 8 ,Company)**

National College of pharmacy which comes under KMCT Group of institutions has started KIIC in association with KSUM (Kerala Startup Mission) in 2022, for supporting all of our fraternity who wants to connect to our incubation system. The outcomes are as follows

- **Incubation facilitators appointed** to assist students in developing innovations into prototypes.
- IIC and incubation center collaborate to provide a comprehensive ecosystem for nurturing innovative ideas.

- Regular workshops, seminars, and mentorship programs conducted through the **Incubation center** to guide students in refining their ideas.
- The incubation center provides innovators access to state-of-the-art facilities, fosters networking with industry experts, and has a track record of student-led start-ups that contribute to local economic growth and job creation.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.2.2

*Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

**Response:** 43

**3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
11	23	8	0	1

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 3.3 Research Publications and Awards

### 3.3.1

**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

**Response:** 1.75

**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
24	38	27	12	27

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	<a href="#">View Document</a>
Link to re-directing to journal source-cite website in case of digital journals	<a href="#">View Document</a>
Links to the papers published in journals listed in UGC CARE list or	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 3.3.2

**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

**Response:** 0.33

**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
4	16	1	2	1

<b>File Description</b>	<b>Document</b>
List of chapter/book along with the links redirecting to the source website	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

### 3.4 Extension Activities

#### 3.4.1

**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.**

**Response:**

The National College of Pharmacy (NCP) has made a noteworthy contribution to the society and environment by participating in promoting the College-Neighborhood-Community network.

**Major Activities Undertaken:**

- **Medical Camps in rural areas and other tribal villages.**
- **The Family Pharmacist program aims to create a symbiotic relationship between the academic institution and the local community.**
- **Blood Donation Camps organized by students.**
- **NCP in association with Grace Palliative Care conducted Seminar session on “Palliative Care” and contributed for fund raising.**

Observing the important days in the year such as

**World Down Syndrome Day & World Disabled Day:-**

Organized Cultural programs at Pratheeksha Special School, Kozhikode.

**World Heart Day:-**

Actively participated in the poster competition and marathon.

**World Pharmacist Day:-**

Attended the programs and conducted awareness rally.

**Patient counseling Program:-**

To create awareness among the public about various government health services and health schemes. Our students participated in it, counseled patients, and distributed leaflets regarding lifestyle diseases.

**Anti-Drug Day:-**

NCP in association with the District administration and the "NashaMukt Bharat Abhiyan" conducted "PuthularikuOruVote" and created awareness among the public by flash mob, posters to find intoxicants in life without addictions and promote healthy habits.

**and more>>**

**National Service Scheme (NSS) Reg No:-NSS/FU/CLT/KUHS/06**

A team of Faculty members from all the departments along with the NSS unit and Students council involved various programs. Major emphasis is given to student engagement, service orientation and holistic development of students contributing to good citizenship. It promotes the holistic development of the students by involving them in various activities. This leads to increased concern towards community & hospital services, healthcare and social responsibility.

**Cultural Exchange Program:-**

NCP joined with the Laureate Institute of Pharmacy, Himachal Pradesh and Nirmala College of Pharmacy, Kerala conducted the cultural exchange program as a part of #AzadikaAmritMahotsav on the theme "Ek Bharat Shrestha Bharat"

**Workshop & Life Skill Training Program:-**

NCP&IKYA Global conducted a workshop on Healthcare Pharma IT.

Another certificate course program was conducted by Barclays, Rubicon.

**Field Visit:-**

E-Cell members visited KSUM (Cyberpark) Kozhikode.

PG students visited NIPER Hyderabad & Apex Pharmaceutical Industry, Chennai.

D. Pharm students visited the KSCSTE-Malabar Botanical Garden and Institute for Plant Sciences, Pokkunu, Kozhikode.

Working in an organized environment with other individuals inculcates features like leadership skills, negotiation, communication, management of conflict etc. Such programs sensitize the student volunteers towards the social issues and take challenges of the lesser privileged sections of the society. Involvement in these extension and outreach activities the students develop critical thinking skills and time management.

**Apart from the important days celebrated, for the past five years, the National College of Pharmacy in association with the neighborhood community conducted various programs under #AzadikaAmritMahotsav and Swachh Bharat Abhiyan activities. Working outside the college campus and with diversified social groups of people allows students to gain more self-confidence, autonomy, and appreciation for others. These activities help them to become good leaders and well-mannered.**

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.2

#### **Awards and recognitions received for extension activities from government / government recognised bodies**

##### **Response:**

National College of Pharmacy received various Awards and recognitions for extension activities from government / government recognised bodies

Our institution takes pride in the holistic development of students by fostering social responsibility and community engagement among them through various social and community services as well as awareness programmes on health care.

NSS unit of NCP along with departments had done several extension activities which lead to increased concern towards community & hospital services, healthcare and social responsibility. This approach has made NCP recognizable with several appreciations from Govt/Govt recognized bodies. **NSS Unit of National College of Pharmacy receives a yearly grant for supporting our extension activities and for arranging special Camp.**

NCP has been bestowed with a certificate of appreciation from the Vice Chancellor **Prof. Dr. M.K.C Nair, Kerala University of Health Sciences (KUHS)**, Thrissur, Kerala for the recognition of the generous and volunteer efforts in the relief activities in the flood disaster.

National College of Pharmacy has received appreciation from **Haritha Keralam Missions and the Government of Kerala** for Green Protocol Activities Mission on February 17th 2023.

Pratheeksha Special School in Kozhikode has expressed appreciation for the National College of Pharmacy's extension and outreach activities. Also received appreciation from local administration body for conducting health related awareness program.

The College has received a **3-star rating in IIC Academic Performance** within one year of its inception. Various IIC Activities like calendar activities, self-driven, celebration activities and **Ministry of Education's Innovation Cell (MIC)** driven activities were carried out under IIC. The College created an **Entrepreneurship Cell (E-Cell)** in August 2022 and was also recognised by **IEDC (Innovation Entrepreneurship Development Centre)–Kerala Startup Mission (KSUM)**.

The institution is carrying out several activities like organization of workshops, conferences, and seminars to create awareness regarding the start-up policies, start-up opportunities and recent trends in entrepreneurship and participation at various hackathons and bootcamps.

We have received recognition from the Ministry of Education's Innovation Cell, Government of India for participation in **the National Intellectual Property Awareness Mission (NIPAM)**. Another feather in our cap is that our college has been selected by Kerala Start-up Mission as **an Innovation and Entrepreneurship Development Centre**.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.3

*Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

**Response:** 43

**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
21	16	2	2	2

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 3.5 Collaboration

**3.5.1**

*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

**Response:** 54

<b>File Description</b>	<b>Document</b>
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	<a href="#">View Document</a>
List of year wise activities and exchange should be provided	<a href="#">View Document</a>
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>



## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

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.)

**Response:**

The College provides a state of the art infrastructure that gives students excellent learning opportunity as it aligns with the vision and mission of our college and hence the facilities provided according to the requirements of Pharmacy Council of India and Kerala University of Health Sciences in order to implement the plans to achieve desired goals. The college campus has a playground, sports complex, hostel, and mess that are all well-equipped. On the campus, the institute includes services like Hospital, Canteen, Bank, ATM, Stationary stores etc

**Classrooms:** The institute provides fourteen classrooms equipped with LCD projectors, Wi-Fi, and LAN facilities, and above all, NCP teachers makes the classroom to feel more academic oriented. The institute has three tutorial rooms. The designs and concepts of the rooms have ensured natural soundproofing and clear visibility for all. A notice board is displayed in every classroom, which keeps students informed about their daily schedule and time-to-time communication from their class teacher and college authorities.

**Laboratories:** The College has adequate laboratories to perform practical's for various subjects under programmes. All laboratories are supported with a preparation room and chemical storage area.

**Instrumentation Room:** An analytical instrumentation facility has been created with the objective of supporting research. Many sophisticated instruments like Fourier transform infrared spectrophotometer, high-performance liquid chromatography (HPLC), UV-visible spectrophotometer and other analytical equipments are available.

**Machine Room:** The Machine room associated with the Department of Pharmaceutics is supporting research and training pharma professional to become competent manufacturing experts.

**Digital Evaluation Centre of Kerala University for Health Sciences-** Fully equipped digital evaluation centre for evaluation of answer scripts by faculty for all the courses under KUHS.

**Computer Laboratory:** The computer laboratory available for students, have adequate computers, internet connectivity, and a projector to support practical sessions, along with software packages such as Ex-Pharm, English Language Laboratory Software etc.

**Sports Facilities:** The institute provides facilities for both indoor and outdoor games. The institute has playgrounds for cricket, Badminton, Basket ball, Kabaddi, Throwball and Volleyball.

**Gymnasium:** The institute features a well-equipped open gymnasium.

**Yoga Centre:** To encourage students to practice meditation and yoga. The college celebrates International Yoga Day each year. Coordinators organize and carry out "Yogasana" and "Stress management" programmes.

**Auditorium:** The institute has a spacious auditorium with more than 500 sitting capacity, well ventilated, and well furnished. The auditorium is provided with ample opportunities for staff and students to conduct various events like Teachers Day, Pharmacist Day, the annual gathering, as well as various intra/inter college competitions.

**Seminar Hall:** The institute has a seminar hall with 200 sitting capacity, well ventilated, and well furnished. for the conduct of seminars, debate, quiz, poster presentation, model presentation competition, etc.

**Herbal Garden:** The Department of Pharmacognosy is maintaining the herbal garden with different varieties of medicinal plants including rare and endangered medicinal plant species. The descriptive labels with their botanical names, vernacular names are displayed on each medicinal plant. The herbal garden is useful for the students in understanding the taxonomic knowledge, medicinal use and its identification features.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 4.1.2

***Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years***

**Response:** 16.42

**4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
30.24	44.50	14.20	66.49	22.99

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1

*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*

#### Response:

NCP library is automated with digital facilities through the Integrated Library Management System (ILMS) and provides sufficient subscriptions to e-resources journals for the benefit of both faculty and students.

#### Library as a learning Resource

The carpet area of library of National College of Pharmacy is 1668.41 sqft with additional reading rooms. The library has a vast collection of books, journals, magazines, periodicals and e-resources. Total number of books in our library is around 10000.

#### Integrated Library Management System

The library is installed with Integrated Library Management System for the smooth working of the library that includes accession, issue return, data generation, and stock verification.

The library has **KOHA-OPAC** in which students & faculty can search books by title/ author name etc. A separate well equipped Digital library is made available with e-journals and e-book subscriptions.

AUTOMATION	SERVICES	FACILITIES
<ul style="list-style-type: none"> <li>• Open Source Library Automation Software KOHA (Version 19.05)</li> <li>• Online Public Access Catalogue (OPAC) facility</li> </ul>	<ul style="list-style-type: none"> <li>• Circulation section</li> <li>• Reference service</li> <li>• Periodical section</li> <li>• Digital Library</li> <li>• Access to previous year</li> </ul>	<ul style="list-style-type: none"> <li>• Book Lending</li> <li>• References</li> <li>• Online Public Access Catalogue facility</li> <li>• Reprographic facility</li> </ul>

<ul style="list-style-type: none"> <li>• Institutional repository software D Space (Version6.3)</li> </ul>	<ul style="list-style-type: none"> <li>question papers</li> <li>• Printing service</li> <li>• Online reservation of books through OPAC.</li> </ul>	<ul style="list-style-type: none"> <li>• Remote access to digital contents</li> <li>• Remote access to Institutional Repository</li> <li>• CCTV Surveillance</li> <li>• Access to EBSCO and DELNET databases for e-journals.</li> <li>• Online document delivery</li> <li>• Reading Room.</li> </ul>
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### SUBSCRIPTION TO E-RESOURCES

The library offers an **e-content digital library** with internet connectivity and holds **active subscriptions** with **EBSCO and DELNET**, granting access to approximately 1000 e-journals and a variety of e-books spanning various subjects.

Institutional repository software **D Space** (Version6.3) is made available in the library. Institutional resources like **study materials, references, previous years' question papers, students' project/dissertation** are made available to the users through **D-Space**. The publications of all faculty and students can be accessed via D-Space. The access is made available through network system in the institution

Apart from EBSCO and DELNET institution has subscription to various national and international journals. 15 computer terminals with the latest software and free internet facility are available for student use. **The library is currently experiencing optimal utilization, with both faculty and students.** More than **100 daily student visits** are recorded in a gate register.

NAME	COUNT
Books	9881
Gift books	478
Newspapers	2
Subject Journals	33
E-books	199000
E-Journals	972

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 4.3 IT Infrastructure

### 4.3.1

**Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection**

**Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words**

**Response:**

Our IT and E-Governance Policy encompasses IT administration, hardware, software, networking, electronic communication systems, IT usage, cyber security, and maintenance guidelines. The institution assures its students and instructors to have access to latest version of computers and software to meet the growing demand for technically skilled professionals in the modern competitive world. Our institution regularly maintains its Wi-Fi (200 mbps) and IT infrastructure, and we have all the tools required to support teaching-learning activities for both teachers and students.

- Computer labs with sufficient desktops for easy access and utilization by students. The student computer ratio is 1:9.
- All classrooms are outfitted with LCD projectors and Wi-Fi to ensure ICT enabled teaching.
- There are nine printers (five scanners), one photocopier.
- The institute has a 500 Mbps (leased line) free Wi-Fi facility for staff and students to access more study-related information.
- All PCs have K7 antivirus to combat malware/virus. Every year, the anti-virus software is updated.
- Campus is under 24x7 surveillance and security cameras have been deployed for safety and security. There are 40 network video recorder cameras, spread across the campus and classrooms.
- The language lab has 20 systems equipped with licensed ORELL Software. It is also supplemented with digitized audio-video resources. The college's website, Social media Platforms, Almashine Portal, YouTube channel, Newsletter etc keep current students as well as alumni up to date on all of its activities.
- The College has one server with a high configuration that enables quick data transmission to the numerous PCs. A 10/100mpbs LAN and a Wi-Fi system with a 1000 user capacity support all the computers.
- The college frequently updates its office automation software, MS Office, and Antivirus. The College has hired a full-time IT consultant to help with infrastructure support and maintenance.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**4.3.2**

**Student – Computer ratio (Data for the latest completed academic year)**

**Response:** 9.57

**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 65

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	<a href="#">View Document</a>
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1

*Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)*

Response: 45.09

**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
135.75	97.16	61.70	84.54	110.75

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1

*Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years*

**Response:** 41.23

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
271	408	233	209	169

#### File Description

#### Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

#### 5.1.2

*Following capacity development and skills enhancement activities are organised for improving students' capability*

- 1. Soft skills*
- 2. Language and communication skills*
- 3. Life skills (Yoga, physical fitness, health and hygiene)*
- 4. ICT/computing skills*

**Response:** A. All of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	<a href="#">View Document</a>
Report with photographs on ICT/computing skills enhancement programs	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.1.3

**Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years**

**Response:** 62.03

**5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
602	434	432	179	294

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.1.4

*The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases*

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above



<b>File Description</b>	<b>Document</b>
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	<a href="#">View Document</a>
Proof related to Mechanisms for submission of online/offline students' grievances	<a href="#">View Document</a>
Proof for Implementation of guidelines of statutory/regulatory bodies	<a href="#">View Document</a>
Details of statutory/regulatory Committees (to be notified in institutional website also)	<a href="#">View Document</a>
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1

**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

**Response:** 60.64

**5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
87	52	69	51	46

**5.2.1.2 Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
115	114	88	81	105

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	<a href="#">View Document</a>
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.2.2

*Percentage of students qualifying in state/national/ international level examinations during the last five years*

**Response:** 25.76

**5.2.2.1 Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
25	12	5	5	4

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.3 Student Participation and Activities

### 5.3.1

**Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

**Response: 43**

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
06	12	00	02	23

File Description	Document
Upload supporting document	<a href="#">View Document</a>
list and links to e-copies of award letters and certificates	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.3.2**

**Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**Response: 30**

**5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
48	43	8	29	22

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.4 Alumni Engagement****5.4.1**

**There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

**Response:**

- There is a registered Alumni Association named NATIONAL COLLEGE OF PHARMACY CAMPUS ALUMNI ASSOCIATION (NCPCA) was established in 2017 with registration number KKD/CA/195/2017.
- It serves as a connecting bridge, fostering interaction and contributes significantly to the development of the institution through financial and other academic and non-academic support services.
- The association is governed by a dedicated executive committee comprising nine members, all democratically elected by the general body.

**ACADEMIC SUPPORT SERVICES**

**The alumni association of national college of pharmacy is a guiding light for current students, enriching the educational experience of current students by offering valuable career guidance and lectures**

- Institution is having Linkage with **Medline International** career consultancy established by NCP Alumni.
- Serve as resource persons for sharing their industry insights and knowledge through invited lectures.
- Participates as resource persons in add on courses.
- Partaking as an expert in entrepreneurship programs.
- Engages in induction/orientation programs providing guidance and support for students.
- Participating in providing feedback.
- Engaging in Exit Surveys.
- Contributing books to the college library.
- Donation of Smart board.

**NON-ACADEMIC ACTIVITIES**

**The invaluable non-educational support provide by alumni association of national college of pharmacy showcases the association's commitment to the well-being of its student community**

- NCPCA's provides financial aid to students during times of hardship.
- Active engagement in institution's Alumni portal **ALMASHINE KMCT**
- The dedicated alumni network of the National College of Pharmacy actively facilitates **placements** and offers valuable **training** opportunities for outgoing students.

**ALUMNI GET-TOGETHER**

**These gatherings stand as a testament to the institution's commitment to nurturing enduring connections between its illustrious alumni and its vibrant current student body.**

- REMINISCENCE-2022: GLOBAL ALUMNI MEET
- Batch wise get together
- RETRACE Alumni UAE chapter

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1

*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.*

#### Response:

##### Vision of institution

Emerge as a centre of eminence by creating responsible and resourceful citizens with commitment to excellence in pharmacy education and allegiance to ethical professional practices.

##### Mission of the institution

Providing quality pharmacy education and training that enables pharmacists to facilitate the delivery of ethical, conscientious, cost effective healthcare services to all.

Cultivating an environment that is collaborative, interdisciplinary, innovative and creative in approach.

Partnering with individuals and institutions across the world who occupies leadership positions and prolonging reciprocal exchanges in both academic and cultural spheres.

#### Governance and Leadership

- **National College of Pharmacy** is one among the remarkable institution established in 1998 by the esteemed medical practitioner, Dr. K. Moidu, under the umbrella of the **Kunhitharuvai Memorial Charitable Trust (KMCT)** by setting an inspiring example of aligning institutional leadership with a clear vision and mission.
- In the past 25 years, the National College of Pharmacy has achieved **sustained growth** and emerged as a frontrunner in pharmacy education, research, and industry collaboration, attaining noteworthy milestones in curricular and extracurricular activities.
- The college is dedicated in delivering top-quality pharmacy education emphasizing a well-rounded approach that embraces the **National Education Policy (NEP), sustained institutional growth, decentralization, and active participation in governance.**

#### Education

National College of Pharmacy in its alignment with the implementation of Outcome Based Education(OBE) formulated various attributes. The Institution's vision and mission statements offer a clear direction and purpose, guiding the development and implementation of Graduate Attributes(GA) and Program Educational Objectives(PEO) that correspond with the Program Specific Outcomes(PSO), Program Outcomes(PO), and Course Outcomes(CO). The Curriculum Committee ensures innovative teaching and learning methods are implemented. ICT facilities are provided in classrooms for easy learning. Moodle platform is used to create personalized learning environments.

## DECENTRALIZATION AND PARTICIPATION

The decentralization and participation in the management process is well-defined in the NCP's Organogram. Trust permits a functional autonomy to the statutory and non-statutory bodies to achieve excellence in academic and research activities. The principal, with the backing of various committees and IQAC, decentralizes the design which grants operational autonomy to all departments ultimately. The institution's effective operation is made possible by the active involvement of faculty, students, and other stakeholders through diverse committees.

### Short term and long term plan Institutional Perspective Plan.

- NCP's institutional perspective planning, rooted in its vision and mission, comprises both short-term and long-term plans.
- NCP's solid Perspective plan articulates a shared vision and mission providing a frame work to ensure student needs are met so they can reach their full potential.

In the short term, NCP aims to update the curriculum, improve faculty development, enhance governance, and upgrade student infrastructure. They also plan to establish collaborations, MOUs, and seek alumni support. In the long term, their focus is on achieving academic excellence through research, preparing for autonomy, developing infrastructure, fostering industry partnerships, engaging with the community, and ensuring financial sustainability while aligning with their mission.

Key stakeholders were familiarized with the key provisions and recommendations of the NEP. NCP's institutional practices showcase a deep-rooted commitment to aligning with the goals of NEP 2020.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1

*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*

#### Response:

National College of pharmacy has envisioned a perspective plan which is effectively deployed

#### Institutional Bodies

NCP features a well-structured array of **statutory and non-statutory bodies** which ensures systematic functioning of the institution to execute its vision and perspective plan. At the helm of this system is the

Governing Body, which collaborates closely with the Institutional Advisory Board, and IQAC, which collectively formulates operational strategies. Curriculum Committee, Academic monitoring cell, Program Committee, examination Committee, Training and Placement cell, Women Cell, Minority Cell, NSS Unit, Grievance Redressal Committee, Anti-Sexual Harassment Cell, Anti-Ragging Committee, Gender sensitization cell, Anti discrimination cell, E Cell, SSGP, Alumni Cell, Discipline committee, Purchase committee, Finance committee, Library Committee, Student Welfare Committee, Faculty Development Committee, Mentoring Committee, Hostel Committee, PTA and other committees are the major institutional bodies to materialize the perspective plan.

## POLICIES AND PROCEDURES

NCPs institutional governance is meticulously structured to align with its vision, mission and graduate attributes. Institution's academic and administrative policies are crafted to adhere to the norms and regulations stipulated by PCI and the KUHS. We have developed specialized and tailored policies for crucial areas such as Human Resources, Appraisals, IT &E-Governance, Scholarships and freeships, mobilisation and optimal utilisation of funds, Environmental and green initiatives and Code of Conduct.

### Institutional perspective plan

**In the short term**, NCP aims to update the curriculum, improve faculty development, enhance governance, and upgrade student infrastructure. They also plan to establish collaborations, MOUs, and seek alumni support. **In the long term**, their focus is on achieving academic excellence through research and innovation, autonomy preparation, infrastructure development, fostering industry collaborations, community engagement, and ensuring financial sustainability while aligning with mission.

Perspective Plan	Deployment
Academic Excellence:	<ul style="list-style-type: none"> <li>• Curricular Innovation</li> <li>• Innovative Pedagogy</li> <li>• Student centered learning</li> <li>• Student support services</li> </ul>
Research and Innovation:	<ul style="list-style-type: none"> <li>• Faculty Research Culture</li> <li>• Industry Collaborations</li> </ul>
Autonomous Status:	<ul style="list-style-type: none"> <li>• Preparation and Compliance</li> <li>• Governance Enhancement</li> </ul>
Governance and Accountability:	<ul style="list-style-type: none"> <li>• Decentralization</li> <li>• Transparency and Accountability</li> </ul>
Faculty Development:	<ul style="list-style-type: none"> <li>• Professional Growth</li> <li>• Research Support</li> </ul>
Autonomous status	<ul style="list-style-type: none"> <li>• Preperation and compliance</li> <li>• Governance Enhancement</li> </ul>
Governance and Accountability	<ul style="list-style-type: none"> <li>• Decentralization</li> <li>• Transparency and accountability</li> </ul>
Faculty development	<ul style="list-style-type: none"> <li>• Professiional Growth</li> <li>• Research and support</li> </ul>
Infrastructure Development	<ul style="list-style-type: none"> <li>• Campus Expansion</li> </ul>
Student Empowerment	<ul style="list-style-type: none"> <li>• Holistic Development</li> </ul>



Industry Collaboration	<ul style="list-style-type: none"> <li>• Internships and placements</li> <li>• Research partnerships</li> </ul>
Community Engagement	<ul style="list-style-type: none"> <li>• Healthcare initiatives</li> <li>• Socially impactful projects</li> </ul>
Financial sustainability	<ul style="list-style-type: none"> <li>• Diversify Revenue streams</li> <li>• Grant opportunities</li> <li>• Financial stability with alumni</li> </ul>
<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Institutional perspective Plan and deployment documents on the website	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.2.2*****Institution implements e-governance in its operations***

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Screen shots of user interfaces of each module reflecting the name of the HEI	<a href="#">View Document</a>
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	<a href="#">View Document</a>
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

**6.3 Faculty Empowerment Strategies****6.3.1**

**The institution has performance appraisal system, effective welfare measures for teaching and non-**

**teaching staff and avenues for career development/progression****Response:**

The Performance Appraisal Report (PAR) is a crucial document prepared by the Internal Quality Assurance Cell (IQAC) of NCP by 360 degree feedback system to evaluate the performance of faculty. The PAR consists of five parts: Self-Appraisal, Colleague Appraisal, Student Feedback, HOD Appraisal, and Performance Appraisal by the Principal.

**Performance Appraisal Report (PAR) - NCP IQAC:-**

The performance appraisal report and Academic Performance Indicator (API) for faculty members are structured around key parameters including examination results, extramural grants, research publications, knowledge upgradation, involvement in college upgradation activities, student-teacher interaction, and discipline and time management. The final step in the PAR process is the evaluation by the Principal.

**Welfare measures**

1. Welfare schemes for teaching and non teaching staff:
2. Provident Fund: All Non Teaching Staff is covered under Provident Fund act 1953.ESI Scheme: Section 2(9) of the ESI Act of 1948, guaranteeing access to healthcare and insurance benefits.
3. Health care: OP consultations for all staff is conducted free of cost.
4. Conferences/Workshops: Teachers are provided with financial support to attend conference/workshops/FDP and towards membership fee of professional bodies for their career development/progression
5. Accommodation: Free accommodation is provided for needy staff.
6. Fitness facilities: Complimentary access to the well-equipped fitness and indoor gym facilities at KMCT.
7. Internet facilities: High speed internet facility is provided within the campus
8. Transportation facility: Transportation facility is provided connecting rural and urban areas of our district.
9. Canteen : Multicuisine canteens are available in the campus
10. Celebrations: NCP celebrates regional and major events in grand style, fostering a sense of community and cultural enrichment
11. Leaves: A generous leave policy offers 15 Casual Leaves (CL) allowing staff to balance work and personal commitments effectively.
12. Promotions: Timely promotions are granted as per vacancy, recognizing and rewarding faculty members' dedication and contributions to the institution's growth.
13. Salary increment: Salary increments based on performance appraisal reports (PAR).
14. Organic produce: The institution promotes a healthy lifestyle by distributing organic fruits and vegetables among staff, encouraging wellness and sustainable living.
15. Creche: Creche facility is provided inside the campus and needy staff can avail the facility.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.3.2**

**Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**Response:** 20.28

**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
17	05	00	00	22

File Description	Document
Policy document on providing financial support to teachers	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	<a href="#">View Document</a>
Audited statement of account highlighting the financial support to teachers to attend conferences / workshops and towards membership fee for professional bodies	<a href="#">View Document</a>

**6.3.3**

***Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years***

**Response:** 70.59

**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
65	54	44	51	50

### 6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
33	31	31	31	31

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>
Copy of the certificates of the program attended by teachers.	<a href="#">View Document</a>
Annual reports highlighting the programmes undertaken by the teachers	<a href="#">View Document</a>
Provide Links for any other relevant document to support the claim (if any)	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1

**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)**

#### Response:

The National College of pharmacy is run by a trust and has well managed financial management system. The main focus of the institution is to provide better facility to students .

- The main source of income is Tuition and other fees from students and Trust fund.
- The major portion of the fund spent for to meet revenue and capital expenditure. A portion of fund kept apart for the further development of the institution.
- The institution requires fund for the procurement of assets and to meet revenue expenditure.

- Apart from this management utilise fund for the faculty development programme /seminars / workshops and enhancement of extracurricular activities of students.
- Scholarship and free ships provided to deserving students.
- The institution provides provident fund and employees state insurance benefits to the eligible employees on appointment.
- The college Principal Issue letter to the director for want of fund to meet the requirements. The director informs the management to issue fund after making a study on it. The management conduct meeting with all trustees and allocate fund accordingly. After getting the approval from management, the principal / director send mail/ letter to procurement officer for further action.

### **Institution conducts internal and external audit regularly**

#### **External Audit**

- The institution has appointed M/s RGN Price & Co, Chartered Accountants – one of the leading CA Firms in Kerala as external auditor. At the end of the every financial year they audit the books of accounts and prepare financial audited statements.

#### **Internal Audit**

The management has entrusted the corporate office accounts & finance team to conduct the internal audit of the institution. The internal audit team monitor daily transactions of the institution in daily / weekly basis. This may help the management to analyse and to get a clear picture on the financial status of the institution. They will focus on the following areas mainly;

- Collection of Tuition and other fee and issue of receipts
- Collection of other income
- Payments made to suppliers and contractors
- Ledger scrutiny
- Bank reconciliation
- Receivable management and follow up with responsible staff
- Leakage of funds
- Concession given to students and patients
- Stock register verification

#### **Budget control and Mobilisation of funds**

The finance committee of KMCT prepare the budget of the college. The budget is prepared for a period of one year i.e from 01st April to 31st march. The following are main factors considering while preparing the budget.

1. Previous year income and expenses actually incurred
2. New projects and viability
3. Procurements submitted by the various departments
4. Internal and external factors like regulation changes by Pharmacy Council of India , market

conditions , pandemic disease etc

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

### 6.5.1

**Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

**Response:**

#### **INTERNAL QUALITY ASSURANCE SYSTEM**

- The Internal Quality Assurance Cell (IQAC) at National College of Pharmacy, established in June 2017, stands as a dynamic and empowering entity.
- Collaborating seamlessly with academic, research, and administrative bodies, it diligently engages in continuous monitoring and rigorous follow-ups.
- IQAC being the self-regulatory powerhouse, its sole objective is the relentless enhancement of comprehensive quality, driving relentlessly towards academic eminence through groundbreaking methodologies.

**The IQAC operates with a clear set of objectives, which are as follows:**

- 1.Strive for excellence in academics, research, and administration, making the institution a model of quality.
- 2.Create a student-centered educational environment that emphasizes effective teaching and immersive learning for holistic growth.
- 3.Strengthen the connection between academia and industry to promote mutual growth and relevance.
- 4.Enhance the learning experience through interdisciplinary and collaborative teaching methods.
- 5.Support the professional development of faculty with well-designed programs.
- 6.Integrate up-to-date technology into teaching, learning, and administrative processes for smooth operations.

## IQAC INITIATIVES

- **Outcome-Based Education (OBE):** IQAC in its alignment with the implementation of Outcome Based Education (OBE), have formulated various attributes which helps in the incremental enhancement of quality in teaching and learning process
- **Certificate/Value-Added Courses:** The IQAC has worked with a variety of organizations to implement capacity-building activities such as value-added courses and certifications. IQAC also collaborates for NPTEL SWAYAM courses.
- **Teaching Plans and Syllabus Gaps:** IQAC ensures a robust system to address syllabus gaps. Identified gaps will be addressed by the certificate / value added courses.
- **Collaborations and MOUs:** Through MOU's and linkages IQAC implements and facilitates capacity-building activities and placement.
- **360-Degree Feedback:** IQAC collects and analyze feedback from student, teacher, alumni regarding curriculum, Infrastructure and teaching learning process.
- **Academic Calendar and planning:** IQAC organizes academic and non-academic events based on the academic calendar. The adherence of institutional perspective plan is closely monitored by IQAC.
- **Faculty Development:** IQAC aims to increase organizational efficiency by ensuring that employees perform to the best of their abilities, by organizing various Faculty development programs.
- **Exit Survey:** IQAC conducts exit surveys for graduate feedback, guiding program enhancements and ensuring career readiness.
- **Academic Audit:** The institution-level academic audit is performed by an external body; including administrative and academic experts. The department-level audit is led by IQAC at the end of each year. The audit report is submitted to the institutional advisory board for further proceedings and actions.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 6.5.2

#### Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

**Response:** A. Any 4 or more of the above

<b>File Description</b>	<b>Document</b>
Quality audit reports/certificate as applicable and valid for the assessment period.	<a href="#">View Document</a>
NIRF report, AAA report and details on follow up actions	<a href="#">View Document</a>
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	<a href="#">View Document</a>
Link to Minute of IQAC meetings, hosted on HEI website	<a href="#">View Document</a>



## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1

**Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.**

*Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words*

#### **Response:**

At NCP, we are committed to foster a culture of gender equity and inclusivity. The college has established an active Gender Sensitization Cell and implemented a range of gender-sensitive initiatives to foster inclusivity, safety, and empowerment for female students and faculty. The comprehensive gender sensitization policy of NCP extends across various facets including yearly gender audit, admission procedures, grievance handling, job placements, and in the establishment of rules and regulations.

#### **Inclusivity:**

- Admission Policy: Our institution proudly upholds a gender-neutral admission policy, welcoming individuals from all gender identities.
- Gender Inclusive Environment: In an effort to create an inclusive learning environment, gender neutrality is integrated in **curricular and co-curricular activity**.
- Various topics in curriculum enrich students toward gender equity thereby preparing students for a more equitable society.

#### **Facilities for women on campus:**

##### **A. Safety and Security**

- Women safety is ensured by security personnel including female guards stationed throughout the campus.
- A comprehensive surveillance network operates 24x7, ensuring a secure environment.
- College has established Grievance Redressal committee, Anti Sexual Harassment Cell, Anti-Ragging committees, to address any issues of discrimination or harassment promptly.
- Separate and secure hostel facilities (*with meticulously maintained attendance registers*) are provided for both male and female students, supported with wardens and security guards.
- Students are provided with safe transportation facilities, during night time for participation in **curricular and co-curricular** activities accompanied by staff.
- Both students and staff receive healthcare assistance in Medical college hospital in the campus.
- A day care center (Crèche) is conveniently located on the college campus, offering support for the toddlers of staff and students.

##### **B. Counseling Support**

- Our Happiness & Wellness Department offers counseling support for both students and staffs on campus. This support includes confidential counseling sessions provided by psychologists, ensuring the well-being and mental health of female students while respecting their privacy and consent. If additional support is needed, access to consultations with a psychiatrist is readily available.

### C. Gender-Responsive Spaces

- Separate common rooms and restrooms are available for both girls and boys, providing comfort and privacy.

### D. Gender Equity Initiatives

NCP organizes various programs supported by experts to interact with students and faculty on gender-related topics.

- International Women's Day Celebrations
- Personality Development Program for Students: *"Equal Participation of Boys and Girls in Decision-Making"*
- Poster Exhibitions on elimination of violence against women, Gender Equality
- Awareness Programs on Women's Equality, Gender Sensitivity, Anti-Sexual Harassment, World Breastfeeding, Common Gynecological Disorders, women's health, menstrual hygiene, Nutrition in Girl Child
- Observance of National Girl Child Day and other relevant events.

Institutions commitment to gender sensitivity has led to a diverse college community, with 70% female students and 60% female staff, fostering opportunities for women empowerment.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 7.1.2

**The Institution has facilities and initiatives for**

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

**Response:** A. 4 or All of the above

<b>File Description</b>	<b>Document</b>
Policy document on the green campus/plastic free campus.	<a href="#">View Document</a>
Geo-tagged photographs/videos of the facilities.	<a href="#">View Document</a>
Circulars and report of activities for the implementation of the initiatives document	<a href="#">View Document</a>
Bills for the purchase of equipment's for the facilities created under this metric	<a href="#">View Document</a>

### 7.1.3

**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

- 1.Green audit / Environment audit**
- 2.Energy audit**
- 3.Clean and green campus initiatives**
- 4.Beyond the campus environmental promotion activities**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	<a href="#">View Document</a>
Policy document on environment and energy usage Certificate from the auditing agency	<a href="#">View Document</a>
Green audit/environmental audit report from recognized bodies	<a href="#">View Document</a>
Certificates of the awards received from recognized agency (if any).	<a href="#">View Document</a>

### 7.1.4

**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)**

**Response:**

National College of Pharmacy (NCP) stands out for its unwavering commitment to creating an inclusive environment that embraces cultural, regional, linguistic, communal, and socioeconomic diversity. The college's endeavors to promote cultural harmony among its diverse community of students, faculty, and staff are evident through a range of engaging initiatives. These initiatives not only encourage respect and understanding among different cultures but also emphasize the significance of constitutional obligations and citizenship values.

**Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity**

- Cultural Exchange Program with other institutions as part of Azadika Amrit Mahotsav and Swachh Bharat Abhiyan.
- Celebration of religious festivals such as Onam, Christmas, Diwali, Ramzan, and Holi,
- Traditional art and dance forms of Kerala like Thiruvathira, Oppana, Margam Kali, Vattapattu are being encouraged in the college.
- Observance of important days like World Down Syndrome Day, World Disabled Day, World Heart Day, World Pharmacist Day, Patient Counseling Program, Anti-Drug Day.
- Participation in the "Nasha Mukh Bharat Abhiyan" campaign
- Medical Camps in local community
- Awareness Programs at Government schools in the local community with dietary habit surveys and informative leaflet distribution
- Family Pharmacist Program Targeted at Division 24 of Mukkam municipality.
- Engaging in voluntary activities during floods for relief efforts.
- Fundraising activities for Grace Palliative Care.
- National Service Scheme (NSS) activities that merges different cultures and practices.
- Student-led activities like street plays and flash mobs raise socioeconomic awareness in the local community.
- The student and faculty representation with diverse cultural and linguistic backgrounds from Tamilnadu, Kerala, Telangana, and Lakshadweep.
- Literary competitions are held to promote linguistic activities in various languages like Malayalam, English, Hindi and Arabic.
- The student led podcast "NCP Jingles" focuses on local languages, connecting cultures and enhancing communication
- Management Freeships for students who are socially and economically deprived.

**At NCP, a diverse community of over 600 students and 70 staffs represents various cultural backgrounds, ages, ethnicities, religions, states, and socioeconomic statuses.**

**Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens**

- Initiatives include:
  - Commemorating significant National days such as Independence Day, Republic Day, Gandhi Jayanti, and Human Rights Day.
  - Participation in Azadi ka Amrit Mahotsav, fostering a sense of patriotism and pride.
  - Initiated to establish an Electoral Club in the college to promote youngsters to add their names to the voters' list.

- Annual union elections that promote democratic values and responsible citizenship.
- Women Empowerment forum promotes inclusivity, advocates the rights and concerns of women students and teachers, arrange self-defense and skill development activities.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 7.2 Best Practices

### 7.2.1

**Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual**

**Response:**

#### **Best Practice 1**

##### **Family Pharmacist - A Community Health Initiative**

**Objectives:**

- Create a symbiotic relationship between National College of Pharmacy (NCP) and the local community.
- Enhance health awareness, improve medication adherence, promote preventive measures and conduct health care screenings.
- Assess the practice and raise awareness on judicious usage of OTC medications.
- Bridge the gap between theoretical knowledge and practical application.
- Foster a sense of social responsibility among students.
- Serve the holistic healthcare needs of the community.

**Context:**

- Targeted at Division 24 of Mukkam municipality.
- Strategic division of student groups: Final year B.Pharm, M.Pharm Pharmacy Practice, and fourth and fifth-year Pharm.D students guided by Pharm.D interns and faculty.
- Houses are allocated to student groups for ensuring consistent and uniform care
- Focussing on lifestyle diseases and the special population.
- Addressing challenges like diverse healthcare needs and medication adherence.
- Combining healthcare assistance and medication counselling demanded training and adaptability

from our student participants

- Successfully addressed community scepticism by consistent follow up and building trust.

#### **Practice:**

- **Experiential learning approach** involving students, interns, and faculty members.
- Emphasis on obtaining **informed consent** from the community.
- Individuals are provided with **awareness sessions** and **information leaflets** that outline the program's objectives and services comprehensively.
- Data collection through **Data information sheets** for patient history and medication details.
- **Periodical check-ups** for monitoring blood pressure and blood sugar levels.
- **Health education and counselling** sessions by Pharm D interns.

#### **Constraints:**

- Some community members unwilling to participate.
- Only able to offer Drug information and patient counselling.

#### **Evidence of Success:**

- Increased community participation and trust.
- Effectiveness of this best practice is evident and is evaluated through regular interviews and feedback form collection.
- Improved medication adherence and reduced usage of OTC medications were evident in feedback reports.
- Data analysis shows an overall improvement in participant health.
- Student evaluations indicate significant improvements in drug therapy monitoring and the development of social responsibility as future community pharmacists.

#### **Problems Encountered and Resources Required:**

- Addressed community skepticism through continuous follow-up and ongoing awareness programmes.
- The program demanded essential resources include funding for health check equipment, educational materials, and transportation facilities for remote areas.

SARVA SWASTHYA VIDYALAYA/ ??? ????/ SPIRITUAL SPARKLE VIBE (SSV)

#### **Objectives**

- To promote the well-being of students, staff, and the local community.
- To extend the culture of well-being to nearby 'Vidyalayas' (schools) and the local community
- To enhance academic performance, healthy eating habits, and emotional support among students.
- To create a clean, green, and celebratory campus environment.

- To ensure a happy and healthy workplace and learning ambience where everyone would treat each other with mutual respect and consideration

## Context

- In a fast-paced academic environment, student and staff well-being is often neglected. Academic pressures, unhealthy lifestyles, and lack of awareness pose challenges to holistic well-being.
- The nearby schools and local community face similar health and well-being challenges.
- SSV combines balanced diet, fitness programs, awareness programs, and celebrations for students, faculty and the community.

## Practice

The SSV practice stands out in Indian higher education due to its holistic approach that integrates physical and mental well-being seamlessly into the academic environment and its extension to the nearby ‘Vidyalayas’(schools) and local community.

### Extension to nearby Vidyalayas (schools) and the local community

- Organizing Nutrition Awareness Programs at Govt Schools in the local community where surveys are conducted on the dietary habits of students and distribute informative leaflets during awareness sessions.
- NCP organised cultural programs followed by nutritious lunches to children at Pratheeksha Special School to support their well-being.
- Furthermore, our National Nutrition Week celebrations include campaigns and counselling sessions for the local community, spreading awareness and promoting healthier lifestyles.

**The Happiness & Wellness Department**, part of the HR division within KMCT group of Institutions, is dedicated to enhancing the well-being of students. It focuses on two critical aspects:

**Mental Well-being:** This is structured into three layers:

1. **Institutional Level:** The Mentor-Mentee System
2. **Counselor Level:** Counseling sessions with psychologists, with prior consent from parents and the Principal.
3. **Psychiatrist Level:** Following counseling sessions, if necessary, students may be recommended for psychiatrist consultations.

**Physical Well-being:** This aspect focuses on promoting physical fitness through activities like Yoga, Sports, Exercise.

- NCP celebrates student success with cake cutting ceremonies and awards, promoting a culture of appreciation and recognition.
- NCP recognizes student’s birthdays by distributing birthday cards through their class teachers.
- Psychologists from the **Happiness & Wellness Department** offer counselling during Induction programs at the commencement of each new batch.
- Nutritional Food Fest: Annually, NCP hosts the “**NutriQuest**” Food Fest, open to the local community. This highlights the importance of nutritious food for a wholesome lifestyle.

- **Balanced Diet Plan:** A balanced diet plan to promote a culture of health and wellness within the educational institution and the community.
- **Organic Produce:** - SSV promotes a healthy life style by producing and distributing organic fruits and vegetables among students and staff.

**Evidence of Success:**

- Positive feedbacks from schools.
- Improved academic performance since implementing the Mentor-Mentee system and well-being initiatives.
- Effectiveness of the orientation program in addressing mental and physical well-being needs.
- Positive feedback on increased concentration and reduced stress levels after participating in well-being programs.
- Positive changes in weight and BMI measurements after fitness programs.
- Steady rise in overall campus participation rates.
- Constructive feedback on balanced diet plans.

**Problems Encountered:**

- Resource limitations hinder program expansion.
- Stigma surrounding mental health discourages some parents and students from using psychology services.
- The faculty mentors have time management constraints for mentor-mentee interactions.
- Variations in individual dietary habits pose challenges in promoting a universal balanced diet.

**Resources Required:**

- SSV activities demands more financial and human resources
- Require faculty training programs
- Awareness campaigns to reduce mental health stigma and raise awareness.
- Resources for outreach programs and extension of SSV to other nearby schools.

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>

**7.3 Institutional Distinctiveness**

**7.3.1**

**Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

**Response:**



## **Adaptrend**

### **ADAPTING TO CHANGING TRENDS FOR FUTURE-READY GRADUATES**

#### **Introduction**

In the rapidly evolving landscape of education and employment, staying ahead of the curve is crucial for preparing future-ready graduates. NCP's commitment to adaptability and innovation is evident through its various initiatives in nurturing innovation, digital learning revolution, entrepreneurship, cutting-edge trends, cinematic insights, and pioneering training for future digital generation. This distinctive approach empowers students with the skills, knowledge, and mindset needed to excel in a dynamic world.

#### **Digital Learning Revolution**

##### **NCP Jingles Podcast**

In an era driven by digital transformation, NCP has harnessed the power of digital media to redefine the learning experience through its "NCP Jingles" podcast. This innovative approach to education has revolutionized the way students engage with complex subjects.

**Engaging Audio Visual Resources:** NCP incorporates audiovisual resources that make complex subjects engaging and understandable. Students can access a diverse range of educational content, from lectures to interviews with industry experts. The use of multimedia promotes self-directed and exploratory learning, allowing students to dwell deeper into topics of interest.

##### **Enhanced Student Engagement:**

At the National College of Pharmacy (NCP), the commitment in providing a transformative learning experience is exemplified by the incorporation of VR-based digital content that offers students a real-time classroom experience. NCP is redefining the way students engage with educational material. This innovative learning method has not only captured students' interest but has also fostered engagement and enhanced understanding.

##### **Cinematic Insight: Film and Media Club Collaboration**

NCP's collaboration with the Film and Media Club adds a unique dimension to the students' learning journey by tapping into their creative reservoirs and promoting interdisciplinary exploration.

**Reels Competitions and Photography Contests:** The collaboration with the Film and Media Club gives students the opportunity to participate in reels competitions and photography contests. These events encourage students to explore their creative talents and express themselves through visual media. It nurtures skills such as storytelling, cinematography, and visual aesthetics.

**Utilization of KMCT Mini Theatre:** To facilitate critical analysis and interdisciplinary exploration, NCP makes use of the KMCT mini theatre to screen films. This practice not only enhances visual literacy but also promotes cultural awareness by exposing students to diverse cinematic experiences. It encourages students to think critically about the messages conveyed in films and how they relate to

broader societal themes.

**Teamwork and Cultural Awareness:** Collaboration with the Film and Media Club fosters teamwork among students as they work together on creative projects. It also enhances cultural awareness by exposing students to different cinematic traditions and perspectives. This interdisciplinary approach to learning prepares students to think creatively and critically in an interconnected world.

### **Pioneering Training for Future Pharmacy Leaders**

In the field of pharmacy, staying at the forefront of advancements is essential. NCP's proactive approach to training pharmacy students in cutting-edge trends ensures that they are well-prepared to meet the evolving demands of the healthcare industry.

**AI in Pharmacy Workshop:** NCP recognizes the transformative potential of Artificial Intelligence (AI) in pharmacy. To equip students with the necessary knowledge and skills, the institution organizes workshops that delve into the integration of AI in drug discovery, personalized medicine, and patient care. These workshops provide students with insights into how AI is revolutionizing the pharmaceutical industry and shaping the future of healthcare.

**Personalized Medicine:** Tailoring Care to Individuals: Personalized medicine is a groundbreaking concept in healthcare, and NCP places it at the forefront of its curriculum. Workshops and educational sessions illuminate the significance of genomic data and advanced diagnostics in shaping personalized healthcare strategies.

**Hands-On Software Training for Pharmaceutical Research:** NCP goes a step further in preparing future pharmacy leaders by providing hands-on training on cutting-edge software used in pharmaceutical research. This practical training equips students with skills in data analysis, computational modeling, and virtual drug screening. Such training enhances their research capabilities and prepares them to engage in pharmaceutical research that can drive innovation in the industry.

National College of Pharmacy's distinctiveness lies in its unwavering commitment to preparing future-ready graduates who are equipped to adapt and innovate in a rapidly changing world. Through its focus on nurturing innovation, leveraging the digital learning revolution, promoting cinematic insights, and providing pioneering training in pharmacy trends, NCP has created a holistic educational ecosystem that prepares students not only with knowledge but also with practical skills and a mindset that encourages creativity and adaptability.

### **Nurturing Innovation: IEDC, IIC, and E-Cell**

NCP's commitment to fostering innovation is exemplified through its Innovation and Entrepreneurship Development Centre (IEDC), Institution's Innovation Council (IIC), and Entrepreneurship Cell (E-Cell). These entities were established in tandem to ignite the spark of innovation within students and prepare them for the entrepreneurial challenges of the future.

**Workshops, Seminars, and Ideathons:** NCP's innovation ecosystem is enriched with a plethora of activities aimed at nurturing creativity. Workshops and seminars provide students with opportunities to

learn from industry experts, gaining insights into emerging trends and technologies. Ideathons, on the other hand, encourage students to think critically and develop innovative solutions to real-world problems. These events not only foster an environment where creativity thrives but also help students gain practical problem-solving skills.

**Strong Institutional Support:** NCP provides robust institutional support for its innovation initiatives. This support includes access to cutting-edge facilities, mentorship from experienced faculty members, and funding opportunities for promising projects. Such support empowers students to pursue their entrepreneurial ambitions and turn their innovative ideas into reality.

**National Entrepreneurship Challenge (NEC):** NCP's dedication to fostering entrepreneurship is exemplified by its participation in the National Entrepreneurship Challenge organized by IIT Bombay. This competition serves as a platform for students to showcase their entrepreneurial acumen. NCP's remarkable first prize victory in this competition not only brought recognition but also earned the institution a cash prize and coveted online courses, further enhancing the students' entrepreneurial skills.

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## 5. CONCLUSION

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### **Additional Information :**

National college of Pharmacy located in Manassery, Kozhikode district, serving as a central meeting point for the three districts of Kozhikode, Malappuram, and Wayanad, all of which have been designated as educationally backward districts by the Government of Kerala.

The Faculty of the National College of Pharmacy (NCP) holds key positions in various academic and professional committees, showcasing their expertise and contributions. These include roles in the Pharm.D Syllabus Committee of the Pharmacy Council of India, the 8th-semester finishing school Syllabus Committee at Kerala University of Health Sciences (KUHS), and participation in the Scientific Committee of the Kerala State Pharmacy Council for Pharmaskillpro. Moreover, members of the faculty serve as approved research guides for Ph.D. candidates at Kerala University of Health Sciences and are actively involved in the academic council of KUHS.

NCP engages in consultancy activities with diverse organizations, underscoring its commitment to real-world applications of pharmaceutical knowledge. The faculty members at NCP have received accolades such as the Best Teacher Award and Best Researcher Award from various organizations, attesting to their outstanding contributions in the field.

Furthermore, the faculty boasts memberships and recognitions from esteemed professional bodies, including the American Chemical Society, Indian Pharmaceutical Association, Association of Pharmacy Teachers of India, and the International Society for Evolution, Medicine & Public Health. These affiliations reflect the global and national recognition of the faculty's commitment to advancing pharmaceutical education and research.

### **Concluding Remarks :**

National College of Pharmacy (NCP) epitomizes excellence in pharmaceutical education, guided by a curriculum mandated by the Pharmacy Council of India. The institution's Academic Monitoring Cell and dedicated Curriculum Committee proactively address gaps, introducing 25 add-on courses over the past five years. The curriculum's dynamic nature is reflected in outcome-based education, balancing theory and practice, and integrating professional ethics and social responsibility.

NCP's commitment to transparency in admissions, a student enrollment percentage of 86.13, and a faculty-student ratio of 12.96 underscores its dedication to quality education. The teaching-learning process emphasizes experiential learning, ICT integration, and innovative methodologies, with a commendable 81.92% pass percentage.

In Rresearch and Innovation, NCP secures grants, invests in modern research instruments, and encourages faculty participation in workshops and conferences. The institution's impact extends to societal contributions through outreach programs and awareness camps, fostering valuable collaborations with governmental bodies.

NCP's infrastructure is a testament to its commitment to quality, with well-equipped facilities, inclusivity measures, and a lush, pollution-free campus. The institution actively supports student progression through

scholarships, skill enhancement programs, and a robust Career Guidance and Placement Cell.

Governance at NCP is marked by effective e-Governance, alignment with NEP 2020 goals, and measures supporting employee well-being. Financial support for faculty attending conferences and the IQAC's pivotal role in quality enhancement exemplify NCP's dedication to continuous improvement.

NCP's institutional values and best practices encompass a safe, inclusive environment, gender sensitization, and green initiatives. Notable initiatives like the "Family Pharmacist" and "SARVA SWASTHYA VIDYALAYA" further distinguish NCP as an institution committed to community health and holistic student development.

NCP stands as a beacon of pharmaceutical education, nurturing well-rounded professionals equipped for success in a dynamic world. The institution's multifaceted approach, from curriculum design to community engagement, positions it as a leader in the field, dedicated to shaping future-ready graduates and making a positive impact on society.