



# **SELF STUDY REPORT**

**FOR**

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

**NIRMALA COLLEGE OF HEALTH SCIENCE**

**NIRMALA COLLEGE OF HEALTH SCIENCE NUTMEG GARDEN, KUNNAPILLY  
POST, MELOOR, CHALAKUDY THRISSUR, KERALA-680311**

**680311**

**[nchs.nirmalacollege.edu.in](http://nchs.nirmalacollege.edu.in)**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**February 2023**

# 1. EXECUTIVE SUMMARY

---

## 1.1 INTRODUCTION

Nirmala College of Health Science (NCHS) is approved by the All India Council for Technical Education (AICTE) New Delhi, Pharmacy Council of India (PCI), New Delhi and affiliated to Kerala University of Health Science (KUHS) Thrissur, Directorate of Medical Education (DME) Thiruvananthapuram and recognized by Govt. of Kerala, established by Nirmala Educational Trust with the vision to provide pharmaceutical education to create proficient pharmacists, who will add newer dimensions to the pharmaceutical revolution. The institution is endowed with excellent infrastructure, a very experienced principal, dedicated and highly resourceful faculties to train students to meet the growing needs of society and industry.

### Vision

Emerge as a premier institute for pharmaceutical education, practice and research.

### Mission

- Delivering quality pharmaceutical education through excellent teaching and learning environments, inculcating a sense of humanity through learning, research, and extension.
- Providing a constructive environment safe for students to discover and unleash their true potential leading towards the holistic development.
- To empower them with thorough pharmacy knowledge and skills to make them highly desirable for employment and capable of facing challenges in life.

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

### Institutional Strength

Our Institution is located in a serene, greenery and learning ambience. Institution is having excellent infrastructural facilities. We have well ventilated classrooms and laboratories. We have sufficient amenities to fulfill the student and staff requirements. Our experienced and dedicated faculty strength is the main back bone for our success. The Professors & HOD's are having extensive teaching and research experiences that enriches students learning. Our prime focus is to provide all services & support to develop students are skill based learners for industrial setup and also socially committed to render service to the nation. In this regard on regular basis institution is conducting field visit, industrial visit, placement trainings, extension activities and entertainment programs. Student empowerment is the core concept of all these programme. We have executed many MOU with pharma industries, tertiary care hospitals, R&D institutions for the purpose of students training, internship and placement as well as for conduct of scientific programs.

### Institutional Weakness

The research and development in the current scenario is tough in UG course running institution for getting funding facilities from the government agencies. Research publications & patent are less. Kerala is basically non industrial state,hence we are getting limited opportunities in highly established pharma industry exposure. As we are affiliated institution, we have no authority to update the syllabus of course & curriculum and also grievances related to the University exams cannot be redressed by the institution timely .

### **Institutional Opportunity**

We have recruited five professors in the current academic year, it's a great opportunity to develop the institution to become Research & Development oriented. Our students are more interested to go abroad for higher studies.Our staff training required in the field to train the student to get more opportunities.In Kerala and abroad more opportunities for clinical pharmacist, therefore our institute is going to start M.Pharm (Pharmacy practice) and Pharm D courses in mere future.

### **Institutional Challenge**

As we are adopting semester system for B.Pharm Course, most of the time students are highly engaged in academic activities. Most of the students in our institution interested to go for higher studies in abroad, hence placements are very limited to pharma industry and other corporate sectors. Industrial experienced faculties are very limited for the application for permanent teaching positions.Two batches are only passed out, hence very limited alumni is available in the development perspective of alumni association.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

A well-defined curriculum planning to facilitate the teaching-learning process has been executed meticulously. Quality education for students is the heart of the Institution and given at most importance. Academic planning and implementation are taken care of by the Academic committee suggesting suitable teaching-learning strategies, teaching methods, and instructional materials. The institution effectively delivers the curriculum through a well-planned and systematic process. The committee puts the timetable, workload, and lab schedules for every academic year. The Academic calendar yearly and Day order monthly is prepared with the inclusion of the list of public holidays and all important dates related to the college activities. It also monitors the discipline of students and maintains alternate arrangements for theory and practical classes for faculty during their leave period. The committee also implements and monitors curriculum changes based on the regulations given by PCI and Standing Academic Board of the affiliating university.

The B. Pharm program offers a choice-based credit system. Software is developed for parents, faculty, and students to know the Examination results, Study topics, Attendance, and Lesson plan. The faculties of our Institution participate in the activities related to curriculum development and assessment of the affiliating university. Moral and ethical classes are covered across all the programs of B. Pharm. The student / Faculty

Ratio is maintained as per the BCI. The Institution also facilitates curriculum enrichment activities and add-on programs for the students, which is achieved through short-term courses like experimental learning with field work and Internship training. Apart from this, slow learners and advanced learners for each course are identified and proper remedial classes are taken. Orientation programs are organized for the new first-year students to get accustomed to the college environment. The syllabus-related feedback is collected and analyzed from students, teachers, employees, and alumni. The feedback related to curriculum planning and designing is obtained by the Program Monitoring committee and during class representative meetings. This process helps the Institution to adopt better curriculum development and implementation. A mentor-mentee system is followed in our institution

### **Teaching-learning and Evaluation**

The college has been established with the vision to create proficient pharmacist in this era. Students from different corners and socio-economic background take admission in this college. Admissions are made through a centralized admission process based on the common entrance examination. Despite variation in education profiles, students' academic results are remarkable at the university. After admission the college has suitable mechanism to identify the different requirements of student population for effective learning evaluation process. The institution provides good academic ambience for all students and adopts different strategies to enhance learning abilities. Merit and merit-cum-means scholarships are offered to all the deserving candidates

A team effort of competent faculty, recruited as per PCI and University norms. An ideal student teacher ratio is maintained in the Institution for more attention. Students' progress is carefully monitored from semester to semester through continuous assessment and end-semester examinations. The transparent system of continuous assessment also allows students to track their progress during the semester and improve their performance through constant interaction with the teacher. In addition, improvement and supplementary examinations ensure that students are given enough opportunities to improve their grades.

The Institution employs innovative practical oriented teaching to students for enhancing their creative thinking, experiential skills and innovative ideas. A combination of traditional and smart pedagogy tools helps students for learning at classrooms, with accessible supplementary materials and references. High-quality teachers with excellent credentials in teaching and with research publications are hired and regular FDPs are conducted for updating their knowledge. During the pandemic, several online workshops and training has been organized by the Institute to up-skill and re-skill teachers for the new normal. The College Grievance Committee is empowered to take decisions regarding complaints about evaluation. The students are free to consult teachers to voice their grievances regarding evaluation.

The Institution has well focused programme outcome to ensure that the students get adequate skill and knowledge in particular area. The student programme committee along with the academic monitoring cell and examination committee adopts various protocols and methods to enhance learning outcome of students

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

Nirmala College of Health Science has developed an innovation ecosystem which has provided a sound platform for students and faculty members for conducting research projects of students at the under graduate level. Our faculty have several publications in reputed journals. To facilitate more research, an IQAC has been constituted that regularly conducts faculty development programmes.

**Innovation eco system:** An Innovative eco system functions through Institution's Innovation Council (IIC). Our students are encouraged to bring out their innovative ideas in the current field of science. IIC regularly conducts workshops for Research Methodology, Intellectual Property Rights and Entrepreneurship related issues to benefit faculty and improve their quality. Our college has been selected as Innovation Entrepreneurship Development Centre (IEDC) by Kerala Start-Up Mission. We have received an appreciation certificate from Government of India for active participation in National Intellectual Property Awareness Mission (NIPAM).

**Research publications and Awards:** The Research activities in the institute have supported researchers to undertake novel research projects and helped the faculty and students for their research projects. One of our B.Pharm projects was sanctioned a research grant from Kerala State Council for Science Technology and Environment (KSCSTE).

**Extension Activities:** Community education was organized through medical camps and awareness programmes. More than 80 % of our students have participated in different extension and outreach activities viz. social awareness about HIV-AIDS, Breast Cancer Awareness and survey, immunization – polio vaccination drive, medicinal herbs plantation activities and screening of migrant labourers for malaria. Women Empowerment programmes such as Self Defence workshop for women of local community, and awareness class on Women Health & Hygiene were also conducted. Our institution takes pride in fostering clean and green environment through Swachh Bharat Activities in the neighbouring school and the roads and residential areas of Meloor Grama Panchayath to the villagers. Our outreach activities have served to improve the health status of the villagers of Meloor.

**Collaborations:** Nirmala College of Health Science has signed 15 MoUs and 60 collaborations with hospitals and pharma industries at the state and national levels.

### Infrastructure and Learning Resources

Situated in the verdant Arcadian setting of Kunnappilly countryside in Meloor near Chalakudy, and far away from the madding crowd, the Nirmala College of Health Science is gifted to enjoy the cool breeze that flows in with a caressing touch of warmth and purity which inspires dedicated effort and focused attention. The institution is endowed with excellent infrastructure, a very experienced Principal, dedicated and highly resourceful faculties to train students to meet the growing needs of society and industry. A college is sprawling with the built up area of 5632 Sqm in 3.66 acre land. It has well designed administrative area and various other facilities for students. Class rooms (4 Nos.) are well furnished and equipped with ICT enabled tools, internet and Wi-Fi. Laboratories (11 Nos.) are well equipped with instruments of market leading brands. Library and computer room has area of 167 Sq. m. and 100 Sq. m. respectively. Library consists of racks, reading hall, journal section and digital library. It is well stocked with 659 titles and 3211 volumes worth Rs. 15 Lakhs and subscribed annual journals, periodicals. It has membership of DELNET, National digital library, Sodhsindhu. Library services are fully computerized with all features of library management system using KOHA software and OPAC system and optimally utilized (>20% usage per day) by students and faculty. Total 40 computers of latest configurations (6.1:1 Computers to Students ratio) are available and are connected with LAN and installed with network security. Dedicated Lease line of 50- 200 Mbps bandwidth and Wi-Fi networking is available. Adequate infrastructure is provided for co-curricular and extra-curricular activities. College has installation of first aid boxes, fire alarm and fire - fighting system, 24 x 7 CCTV surveillance and UPS. Regular maintenance and upkeep of academic and physical facilities is done by in-house maintenance department of trust as well as experts are outsourced. Lab in-charges are appointed and equipment's ownership is given to

take care of sophisticated equipment's and to carry out repair and maintenance as per policy and procedures of institute.

### **Student Support and Progression**

The institution strives to support and guide students as they advance in their development. Financial assistance is provided to the students through institutional, non-governmental, and state grants. The Institute has started a number of programmes to improve students' abilities and develop their skills in preparation for the future. The students receive training in a variety of hospital pharmacies and industries in order to acquire the practical knowledge necessary for their professional development and learning path. Students are encouraged to participate in training programmes like workshops, and conferences to stay up to date on the latest technological advancements and market demands. All students are encouraged to participate in a variety of intra- and intercollegiate co-curricular and extracurricular activities by the institution.

Pre-placement training programmes and Institute Industry Initiative are designed to target the skills needed for work in order to improve student placement. The Training, Placement and Counseling Cell provides students with career assistance for various competitive examinations, and the information is timely updated on Notice Boards. The number of GPAT qualifiers and their progression to higher education at institutions have been significantly increased since the start of GPAT coaching classes with a team of senior teachers.

Many of our students have achieved success in national, international, and state competitive exams in order to continue their study or find employment. To handle the complaints brought up by the students, the Institute has an effective internal complaints committee, anti-ragging committee, and disciplinary committee.

The Institute offers a well-established and effective system for student support like personal, academic, and career related counseling. A timely resolution of student complaints is available through the Institutional Grievance Cell, Anti-Ragging Committee, Student Welfare Committee, Sports and Cultural Activities Committee, all of which are closely watched. The institute has a registered Alumni Association that meets frequently to offer ideas and support for the general institutional growth and development. Interacting with these participants, the principal and other senior faculty of the institute will document their feedback.

Numerous students received presentation awards in oral and poster presentations held at various venues off campus.

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

A complete transparency in Organization and Governance and effective decentralization demonstrates governance at academic, administrative, extension and outreach levels. A well-defined organogram for effective monitoring and implementation of prospective plans and policies are laid which is in line with our Quality Policy. Grievance redressal system, internal complaint committee and anti-ragging committee functions at ground level for safety and security. The college has adapted to e-governance for planning, development, administration, finance, accounts, student admission, support and examination. Number of welfare facilities is provided for teaching and non-teaching staff like provident fund, gratuity, loan facility, financial assistance to attend conferences, seminars, FDP etc. A robust Performance Appraisal System is functional which analysed at management level is and actions are taken accordingly. A tentative budget of the college is prepared yearly. The major sources of income are fees and various grants and proper actions are taken for its optimum utilization

for salary, purchases, operational, administrative and student expenses. The accounts are audited by hired auditors, internally twice and externally once annually. So far there are no major errors pointed by the auditors. In 2017-IQAC cell was established to achieve the vision, mission and objectives of the institution. Due to policies and strategies of IQAC, there is an incremental improvement in all domains of institutional growth. An external academic audit is also conducted regularly. Teachers are encouraged to carry out a self-appraisal every year so as to gain insight into the effectiveness of their teaching style and its impact on students. The College follows performance appraisal procedures. Accordingly, each employee is expected to fill an Annual Performance Appraisal Report (APAR) and submit it to the concerned authority. The grievances are further heard by the College Grievance Cell under the chairpersonship of the Principal. The college conducts internal and external financial audits on a regular basis.

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

The institution foreground and grooms the academicians to be responsible citizens and professionals. This can be achieved by inculcating the importance of friendship and brotherhood so as to treat every individual with loyalty. Equality of gender is also maintained and zero tolerance on harassment of students is strictly followed. The student's personal as well as academic related issues, if any, are properly assisted with the help of professional counsellor or reputed mentor. The college organizes several commemorative days to enforce compassion, patriotism and social harmony.

The Environment is also considered as an area of special interest so as to maintain green campus. Several initiatives are adopted to maintain the same. Solar panel, biogas, incinerator, rain water harvesting and open wells are available inside the campus. The solid waste, e-waste and liquid waste are disposed off properly. The uses of automobiles are also restricted in the campus. The students are promoted to use public transport rather than individual one. Outside the campus environment promotion activities are also adopted to motivate the public in keeping the green for better tomorrow.

Considering the requirement of differently-abled individuals, ramp, disabled friendly wash rooms and wheel chair are arranged. The code of professional ethics, code of conduct for students, teaching and non-teaching staff reflect the core value of the institution.

The institution adapts many best practices of which 'Women Empowerment Activities' and 'Health Support to the Public' are the highlighted ones. Our college runs with a motto of "Holistic Development of Nirmalites" which makes us distinctive from other institutions.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	NIRMALA COLLEGE OF HEALTH SCIENCE
Address	Nirmala College of Health science Nutmeg Garden, Kunnappilly Post,Meloor,Chalaky Thrissur, Kerala-680311
City	Chalaky
State	Kerala
Pin	680311
Website	<a href="http://nchs.nirmalacollege.edu.in">nchs.nirmalacollege.edu.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Sutharson L	0480-2737702	6282784822	0480-2737705	nirmalahealthscience@gmail.com
IQAC / CIQA coordinator	P P John	0480-2739800	9656742428	0480-2739801	ppjohnus2002@yahoo.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Kerala	Kerala University of Health Sciences	<a href="#">View Document</a>

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
PCI	<a href="#">View Document</a>	10-06-2021	36	PCI APPROVED

Recognitions	
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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Nirmala College of Health science Nutmeg Garden, Kunnappilly Post,Meloor,Chalakudy Thrissur, Kerala-680311	Rural	3.66	5632.25

## 2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BPharm, Pharmacy	48	XII AND DIPLOMA PHARMACY	English	100	91

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

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	7				8				17			
Recruited	7	0	0	7	8	0	0	8	17	0	0	17
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				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				13
Recruited	3	10	0	13
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				9
Recruited	0	9	0	9
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	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	0	1	0	3	5	17	0	0	0	26
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	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.	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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	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.	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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male		Female	
	Others		Total	
	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	14	0	0	0	14
	Female	77	0	0	0	77
	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	0	0	2
	Female	1	0	3	1
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	1	0	0	0
	Others	0	0	0	0
OBC	Male	9	7	2	7
	Female	36	22	28	19
	Others	0	0	0	0
General	Male	5	8	7	6
	Female	9	21	19	25
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		62	58	59	60

### Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>Nirmala college of Health Science, Meloor is a UG college offering B.Pharm course. The subjects offered offered in various semesters gains a interdisciplinary status to the institution. The course offers CBCS (Choice Based Credit System) pattern in which the subjects prescribed have specific credits. The subjects are named as Core, Professional Elective, Open Elective, Skill based, and Value Based with specific number of credits to each course. Almost all the subjects have experiential learning in the form of Projects, Field visits, Study Tours, and Internships. To sensitise the students to environmental issues and to make them eco conscious a course on Environmental Studies is</p>
---	---

	<p>included in the curriculum. A subject on Value Education with a special focus on the essential human and life values is also included in the curriculum. The scope of various subjects and the specific objectives of various subjects ensure holistic development of the students. Being an affiliated institution, the college follows the procedures framed by the parent university regarding the entry level qualification needed for a programme, and duration of a programme /course. The institution is limited in enabling multiple entry and exits as the norms are decided by the university which approves each programme offered in the college. Students registering for research programmes will be encouraged to carry out multidisciplinary research that would help in finding out appropriate solutions for the current issues and challenges. Practice School and Project work in 7th and 8th semester respectively allows students to have a multidisciplinary education by choosing topics in different subjects.</p>
2. Academic bank of credits (ABC):	<p>ABC will allow students of undergraduate degree courses to exit the course and enter within a stipulated period. Being an affiliated institution, the college has less scope in taking initiatives to implement ABC system. However, the institution will follow the procedures as framed and prescribed the affiliating university. So far, the institution has not taken any measure to register under ABC. The teachers working in our college are encouraged to offer valuable suggestion in curriculum design and development. Academic Bank of Credits shall provide to every student the facility to open unique or individual Academic Bank Accounting digital form; and the account holder shall be provided with a unique ID and access to the Standard Operating Procedure (SOP). Regarding pedagogy, the teachers are always encouraged to try out new strategies that are learner centric. In teaching learning, besides, the prescribed text books and reference books, the teachers have the liberty to access any other book or material with content related to the topics prescribed in the syllabi. The teachers are also encouraged to provide additional resources/reading materials. Regarding assessments, both internal and external, the assessment criteria prescribed by the affiliating university is strictly followed.</p>
3. Skill development:	<p>Soft Skill enhancement is achieved by conducting</p>

	<p>special programmes on Soft Skill development with experts in the field. Besides teaching the curriculum, Nirmala College of Health science takes various initiatives to offer value based education. Life Skill Programmes are conducted to promote life values. Important days like Republic Day, Independence Day, Environment Day, National Integration Day, and many other important days / events of national importance are celebrated to promote national integration. Competitions are conducted on such occasions to motivate the students and to inculcate positivity in the young minds. Life skill programmes like Yoga, Mediation, Women Safety, Health and Hygiene, etc, are organized with the services of industry experts who offer hands on training.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>India is a treasure trove of culture, developed over thousands of years and manifested in the form of arts, works of literature, customs, traditions, linguistic expressions, artefacts, heritage sites, and more. In particular, languages influence the way people of a given culture speak with others, including with family members, authority figures, peers, and strangers, and influence the tone of conversation. Since its inception NCHS has been promoting the culture and heritage of our nation. Various workshops, field visits and seminars organized by the college focuses on Ayurveda, Indian tradition, culture, philosophy, and knowledge system. Pharmacognosy subject which is present in 4th, 5th and 6th semester specially inculcates Indian system of medicines and knowledge. Being a higher learning institution, the college adopts English language as the medium of instruction. The institution has also observed the difficulties faced by students with the use of English for class room instruction. Taking the socioeconomic, cultural, and linguistic backgrounds of the students into consideration the teachers are also encouraged to go with bilingual method of teaching. It is also found that the students' receptive skills has enhanced with bilingual mode of delivery. As most of our students hail from rural and semi-urban backgrounds and for a better understanding of the subjects taught bilingual method of delivery is encouraged in almost all semesters and subjects. The college promotes Indian culture and tradition by offering a programmes in Arts fest conducted every year about the Indian Culture.</p>

5. Focus on Outcome based education (OBE):	Outcome-based education is a system where all the parts and aspects of education are focused on the outcomes of the course. The students take up course with a certain goal of developing skills or gaining knowledge and they have to complete the goal by end of the course. The faculty members, and lab instructors guide the students based on the target outcomes. The subjects prescribed in the syllabi have specific course outcomes. Skill based courses, Job seeking courses, and Project works are a part of our syllabi to make our education outcome based. The teaching learning process is also more learner centric in the recent times and the institution has witnessed a shift from traditional methods of teaching. Students' assessment is made through continuous internal assessments like assignments, seminars, peer team teaching, group discussions, class tests, teacher interactions and quizzes.
6. Distance education/online education:	Being an affiliated institution, the college offers only regular programmes. No programme is offered through online or distance mode. In its educational journey, the college has witnessed many phases of teaching learning process. Earlier, the most popular method used for teaching was chalk and talk method. In the recent times, the education industry has been completely digitalized with the advancements in Science and technology. Our college promotes the use of ICT in teaching learning process. The infrastructure and ICT facilities of the college are continuously augmented by our management to meet out the existing demands. The post Covid scenario has increased the use of many virtual platforms in teaching learning. Both the teacher and student community are now comfortable with many online tools for teaching. During the pandemic the institution has made the best use of blended learning. Online exams, online quizzes, webinars, online assignments along with regular physical classes have been tried by the institution as a part of blended learning.

### Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	NO
--	----

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?	NOT APPLICABLE
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.	NOT APPLICABLE
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.	NOT APPLICABLE
5. Extent of students above 18 years who are yet to be 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.	NO SUCH INITIATION ALONG WITH THE STATE GOVERNMENT

## Extended Profile

### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
246	248	243	178	115

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the 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: 37

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

#### 2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
23	21	19	19	12

### 3 Institution

#### 3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
73.78	99.29	75.88	57.43	69.56



## 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 college regards effective delivery of curriculum as the most vital curricular aspect. The college follows the curriculum prescribed by the University through its Boards of Studies. The college ensures effective curriculum delivery through systematic and strategic transparent mechanism:

**Academic calendar:**

- The college follows the Academic calendar issued by the KUHS
- The HOD conducts the meetings to distribute workload, allot subjects, plan the activities of the department and to review the completed syllabus.
- The Principal monitors the effective implementation of the Calendar through formal meetings with Heads of Departments and if necessary informal discussions with faculty.
  - The college constitutes the Time Table committee.
  - The Time Tables are displayed on the Notice Board and also uploaded on the college website.
  - The syllabus link of University is also provided to the students.
  - Lesson plan uploaded in the college website
  - Teaching plan is prepared by every faculty member at the beginning of academic year.
  - They record the conduct of teaching and practical in the college software and register.
  - Periodic assessment of curriculum delivery is conducted by IQAC through HODs.

**Laboratories:**

- There is optimum utilization of well-equipped laboratories for curriculum delivery of practical.
- The students maintain the practical journals and the results are certified by the faculty along with HOD.

**Teaching Aids:**

- The faculty uses charts, maps, models and specimens along with chalk and board.
- Methods like seminar, group discussion for effective delivery of curriculum.
- Study materials, notes and previous year question papers are provided in the class and through mails.
- Educational field visits, industrial visits, tours are organized.
- Group projects are assigned to teach them team spirit, sharing and develop presentation, research skills.

- Social sites such as YOUTUBE, WhatsApp etc. are used for effective teaching.
- Guest lectures, Expert lectures and guidance by departmental Alumni are engaged.
- Internet, Computer, LCD projectors and other Audio- visual aids are utilized on regular basis.

#### **Teacher support:**

- The college encourages the faculty to participate in Orientation and Refresher courses to update their knowledge of subject.
- The college encourages the faculty to attend the workshops.
- The college takes initiative and encourages staff to attend workshops organized by the University for effectively implementing the CBCS method of imparting curriculum.
- The Choice Based Credit System (CBCS) is implemented for enabling choice for selection of Elective papers to the students.
- This system (CBCS) is introduced from the year 2017.
- New recruits are given orientation regarding teaching methodologies.
- Feedback: The college collects the feedback from the faculty, students, alumni and parents.
- The collected feedback is analyzed using different parameters and the performance of the students, faculty and institution is assessed.
- Any discrepancies identified are considered for correction and suggestions are taken for improvement.
- Formative assessment is done to identify gaps in students knowledge which helps to identify slow and advanced learners.
- The slow learners are provided with Remedial Coaching after the completion of each semester.
- The advanced learners are encouraged for further progression in career by participating in various co-curricular activities and career oriented Programmes organised by the college and outside the college.

The college regards effective delivery of curriculum as the most vital curricular aspect. The college follows the curriculum prescribed by the University through its Boards of Studies. The college ensures effective curriculum delivery through systematic and strategic transparent mechanism:

#### **Academic calendar:**

- The college follows the Academic calendar issued by the KUHS
- The HOD conducts the meetings to distribute workload, allot subjects, plan the activities of the department and to review the completed syllabus.
- The Principal monitors the effective implementation of the Calendar through formal meetings with Heads of Departments and if necessary informal discussions with faculty.
  - The college constitutes the Time Table committee.
  - The Time Tables are displayed on the Notice Board and also uploaded on the college website.
  - The syllabus link of University is also provided to the students.
  - Lesson plan uploaded in the college website
  - Teaching plan is prepared by every faculty member at the beginning of academic year.
  - They record the conduct of teaching and practical in the college software and register.

- Periodic assessment of curriculum delivery is conducted by IQAC through HODs.

### **Laboratories:**

- There is optimum utilization of well-equipped laboratories for curriculum delivery of practical.
- The students maintain the practical journals and the results are certified by the faculty along with HOD.

### **Teaching Aids:**

- The faculty uses charts, maps, models and specimens along with chalk and board.
- Methods like seminar, group discussion for effective delivery of curriculum.
- Study materials, notes and previous year question papers are provided in the class and through mails.
- Educational field visits, industrial visits, tours are organized.
- Group projects are assigned to teach them team spirit, sharing and develop presentation, research skills.
- Social sites such as YOUTUBE, WhatsApp etc. are used for effective teaching.
- Guest lectures, Expert lectures and guidance by departmental Alumni are engaged.
- Internet, Computer, LCD projectors and other Audio- visual aids are utilized on regular basis.

### **Teacher support:**

- The college encourages the faculty to participate in Orientation and Refresher courses to update their knowledge of subject.
- The college encourages the faculty to attend the workshops.
- The college takes initiative and encourages staff to attend workshops organized by the University for effectively implementing the CBCS method of imparting curriculum.
- The Choice Based Credit System (CBCS) is implemented for enabling choice for selection of Elective papers to the students.
- This system (CBCS) is introduced from the year 2017.
- New recruits are given orientation regarding teaching methodologies.
- Feedback: The college collects the feedback from the faculty, students, alumni and parents.
- The collected feedback is analyzed using different parameters and the performance of the students, faculty and institution is assessed.
- Any discrepancies identified are considered for correction and suggestions are taken for improvement.
- Formative assessment is done to identify gaps in students knowledge which helps to identify slow and advanced learners.
- The slow learners are provided with Remedial Coaching after the completion of each semester.
- The advanced learners are encouraged for further progression in career by participating in various co-curricular activities and career oriented Programmes organised by the college and outside the college.

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 Add on /Certificate/Value added programs offered during the last five years

**Response:** 30

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

### 1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

**Response:** 95.92

#### 1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
240	244	235	161	108

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 into the Curriculum

**Response:**

#### Co-curricular and Extracurricular Activities

Institute integrates crosscutting issues relevant to professional ethics, gender, human values, environment

and sustainability into the curriculum. Actually, the university decides the syllabus and college has to follow it. But in this limitations college do its best for above said issues. Some of the steps taken are below:

### **1. Gender**

Numbers of programs are conducted for women and girl students such as organization of women's day, Awareness of menstrual hygiene, menstrual cup usage demonstration, self-defense program and medical camps. The committee for Woman Anti-harassment and internal complaint committee organizes programs on Woman Empowerment, Laws for Woman, Women's Day, The N.S.S. unit of our college has been very proactive in conducting different extension activities not only in college premises but also in nearby villages. Major gender issues are focused and addressed through the activities like save girl child campaign, Essay and poster exhibitions, wall paper presentations etc would be conducted in association with men's day special programs.

### **2. Environment and Sustainability**

N.S.S unit of NCHS promotes environmental protection through tree plantation and other sustainable development programs. Every year N.S.S. unit undertakes a host of activities in the nearby villages during the special camps. In these camps, N.S.S. organizes various environment related programs including tree plantation, village cleanliness, cleaning of gutters, digging of soak peats, plastic free drive, Poster Competition, Debate Competition, etc. Various activities like quiz and poster competitions, invited talks are organized to create awareness about nature, biodiversity, environment and sustainability. Different activities have been initiated by the college to save environment such as Cleanliness Campaigns at Temple places, Bus stands and Public places etc. The cleanliness program is organized to clean ponds, watering plant/trees and in part of celebration of various days like World Environment Day, N.S.S. Day, etc. The college has taken initiative in Swatch Bharat Summer Internship (SBSI) Abhiyan and Tree plantation programs which are introduced by the Indian Government.

### **3. Human Values and Professional Ethics**

To create scientific approach and social awareness among the students, lectures and quiz, essay, etc. are by NSS and other NGO or, govt. bodies. The college takes efforts for integration of ethical and human values through extra-curricular activities as well. Programs conducted under N.S.S, FWC Poolani, and community health center Meloor, Guest lectures on value education have been organized for students. National festivals like Independence Day and Republic Day serve as a platform to enliven patriotic and moral values of the students. Different social activities for the students have been initiated by the college, like Health and Hygiene awareness programs, Medical check-up camps, AIDS awareness programs, Voter's awareness program, Road safety Campaign, Blood donation camps, etc.

Quiz, Essays and other relevant competition would be conducted by NSS and other NGO/Govt bodies to enhance creativity in science and to improve social awareness of the students.

### **Co-curricular and Extracurricular Activities**

Institute integrates crosscutting issues relevant to professional ethics, gender, human values, environment and sustainability into the curriculum. Actually, the university decides the syllabus and college has to follow it. But in this limitations college do its best for above said issues. Some of the steps taken are

below:

### 1. Gender

Numbers of programs are conducted for women and girl students such as organization of women's day, Awareness of menstrual hygiene, menstrual cup usage demonstration, self-defense program and medical camps. The committee for Woman Anti-harassment and internal complaint committee organizes programs on Woman Empowerment, Laws for Woman, Women's Day, The N.S.S. unit of our college has been very proactive in conducting different extension activities not only in college premises but also in nearby villages. Major gender issues are focused and addressed through the activities like save girl child campaign, Essay and poster exhibitions, wall paper presentations etc would be conducted in association with men's day special programs.

### 2. Environment and Sustainability

N.S.S unit of NCHS promotes environmental protection through tree plantation and other sustainable development programs. Every year N.S.S. unit undertakes a host of activities in the nearby villages during the special camps. In these camps, N.S.S. organizes various environment related programs including tree plantation, village cleanliness, cleaning of gutters, digging of soak peats, plastic free drive, Poster Competition, Debate Competition, etc. Various activities like quiz and poster competitions, invited talks are organized to create awareness about nature, biodiversity, environment and sustainability. Different activities have been initiated by the college to save environment such as Cleanliness Campaigns at Temple places, Bus stands and Public places etc. The cleanliness program is organized to clean ponds, watering plant/trees and in part of celebration of various days like World Environment Day, N.S.S. Day, etc. The college has taken initiative in Swatch Bharat Summer Internship (SBSI) Abhiyan and Tree plantation programs which are introduced by the Indian Government.

### 3. Human Values and Professional Ethics

To create scientific approach and social awareness among the students, lectures and quiz, essay, etc. are by NSS and other NGO or, govt. bodies. The college takes efforts for integration of ethical and human values through extra-curricular activities as well. Programs conducted under N.S.S, FWC Poolani, and community health center Meloor, Guest lectures on value education have been organized for students. National festivals like Independence Day and Republic Day serve as a platform to enliven patriotic and moral values of the students. Different social activities for the students have been initiated by the college, like Health and Hygiene awareness programs, Medical check-up camps, AIDS awareness programs, Voter's awareness program, Road safety Campaign, Blood donation camps, etc.

Quiz, Essays and other relevant competition would be conducted by NSS and other NGO/Govt bodies to enhance creativity in science and to improve social awareness of the students.

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:** 91.06**1.3.2.1 Number of students undertaking project work/field work / internships****Response:** 224

<b>File Description</b>	<b>Document</b>
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 (Yes or No)****Response:** Yes

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 88.24

##### 2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
62	58	59	60	61

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

2021-22	2020-21	2019-20	2018-19	2017-18
100	60	60	60	60

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

#### 2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

**Response:** 87.5

##### 2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
41	23	30	26	27

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

2021-22	2020-21	2019-20	2018-19	2017-18
48	29	33	29	29

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<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:** 10.7

## 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 using ICT tools

**Response:**

Student-centric methods are effectively used in regular academic practices as it makes the students more self-reliant and self-motivated. Instead of conventional teaching methods, the institution strongly believes that student-centric learning methods enhance the lifelong learning skills of students. During course plan development, faculty members plan for suitable student-centric learning methods, such as group discussion, debate, poster presentation, quiz, workshops, add on course ,club activities which has a direct impact on improving the understanding level, communication skills, problem solving skills, listening skills, etc.

**Experiential Learning:** Students were provided experiential learning through Industrial visit, internship, implant training and laboratory courses. The industry visits, site visits, guest lectures etc. are conducted regularly on the latest topics and trends in the industry. Hands-on workshops by the industry experts are also conducted regularly. Important elective courses are offered based on their individual interest. Patient centric and evidence based learning was made possible through, internship programme of 150 hrs in various hospitals, industry and research organizations. The college has all the modern amenities and industry based analytical instruments to provide inhand experiences to build up practical skills in handling and performing various experimental work. As a part of their B. Pharm curriculum, students are induced by the faculty for hands-on training and evaluation of their practical work on a regular basis. Live demonstrations and handling of instruments are made accessible for the students in order to enrich their practical knowledge acquired through the theoretical classes.

**Participatory Learning:** Seminar, workshop, add on course, skill development programmes and assignment are included as part of Continuous Assessment. Quiz was conducted online through linways,

Google classroom and, learning was made enjoyable. Students were asked to prepare and present poster related to various topics in groups. Mock presentation was organized which gives an opportunity to enrich their presentation skill. Students actively participated in various academic & cultural activities and are encouraged to contribute to the college magazine, to enhance their writing skills and actively participate in National Service Scheme (NSS) and other community services to enhance their social skills.

**Problem Solving Methodologies:** Mini project was designated to final year students and they were asked to present the outcome in the conference/seminar. Students were asked to do their core project work in final year which provides them an opportunity to enhance their knowledge

**ICT tools:** In lecture mode, modern audio-visual tools are used for the benefit of students. Almost all the classrooms are equipped with LCD projectors. Digital library offers a digital repository of a vast amount of academic content in different formats and provides interface support for leading Indian languages for all academic levels. Virtual labs are used to conduct simulation models such as EXPHARM, training in CADD for drug discovery and evaluation. Separate dedicated computer lab have been established to develop soft computing skills among the students.

Student-centric methods are effectively used in regular academic practices as it makes the students more self-reliant and self-motivated. Instead of conventional teaching methods, the institution strongly believes that student-centric learning methods enhance the lifelong learning skills of students. During course plan development, faculty members plan for suitable student-centric learning methods, such as group discussion, debate, poster presentation, quiz, workshops, add on course ,club activities which has a direct impact on improving the understanding level, communication skills, problem solving skills, listening skills, etc.

**Experiential Learning:** Students were provided experiential learning through Industrial visit, internship, inplant training and laboratory courses. The industry visits, site visits, guest lectures etc. are conducted regularly on the latest topics and trends in the industry. Hands-on workshops by the industry experts are also conducted regularly. Important elective courses are offered based on their individual interest. Patient centric and evidence based learning was made possible through, internship programme of 150 hrs in various hospitals, industry and research organizations. The college has all the modern amenities and industry based analytical instruments to provide inhand experiences to build up practical skills in handling and performing various experimental work. As a part of their B. Pharm curriculum, students are induced by the faculty for hands-on training and evaluation of their practical work on a regular basis. Live demonstrations and handling of instruments are made accessible for the students in order to enrich their practical knowledge acquired through the theoretical classes.

**Participatory Learning:** Seminar, workshop, add on course, skill development programmes and assignment are included as part of Continuous Assessment. Quiz was conducted online through linways, Google classroom and, learning was made enjoyable. Students were asked to prepare and present poster related to various topics in groups. Mock presentation was organized which gives an opportunity to enrich their presentation skill. Students actively participated in various academic & cultural activities and are encouraged to contribute to the college magazine, to enhance their writing skills and actively participate in National Service Scheme (NSS) and other community services to enhance their social skills.

**Problem Solving Methodologies:** Mini project was designated to final year students and they were asked to present the outcome in the conference/seminar. Students were asked to do their core project work in final year which provides them an opportunity to enhance their knowledge

**ICT tools:** In lecture mode, modern audio-visual tools are used for the benefit of students. Almost all the classrooms are equipped with LCD projectors. Digital library offers a digital repository of a vast amount of academic content in different formats and provides interface support for leading Indian languages for all academic levels. Virtual labs are used to conduct simulation models such as EXPHARM, training in CADD for drug discovery and evaluation. Separate dedicated computer lab have been established to develop soft computing skills among the students.

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:** 100

#### 2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
23	21	19	19	12

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

### 2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

**Response:** 21.28

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

2021-22	2020-21	2019-20	2018-19	2017-18
6	5	4	3	2

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

Internal/external assessment has been designed for a better educational outcome. The examination committee will give tentative dates for the conduct of internal exams, to the academic committee.

#### Conduct of Examinations

**Continuous Assessment (CA)** – Continuous assessment is awarded on the basis of three sub criteria as per KUHS regulations such as attendance, academic activities (quiz, class test, presentation, group discussion, seminar) and student-teacher interaction

**Internal assessment (IA)** – The theory and practical internal assessment mark split up are specified in the exam manuals for uniformity and transparency.

- 1.As per KUHS 2012 Regulations, out of three IA exam marks, only average of two IA exam marks was only considered for uploading in the web portal of university.
- 2.As per KUHS 2017 Regulations, two sessional exams shall be conducted for each theory and practical courses as per schedule fixed by the college. The average marks of two sessional exams shall be computed for IA

Guidelines for the allotment of marks for IA and CA are specified in the page no: 16-18 in KUHS 2017 regulation and page no: 5 for 2012 regulation.

#### University exams

University exams are conducted as per instruction from the Controller of Examination Kerala university of Health and Sciences.

#### Examination Grievances

An Examination Committee is constituted with Principal as the Head, Chief coordinator, and two other faculty members. They are responsible for dealing with various types of grievances from students for both internal/external examinations. The college has a drop box in front of the examination cell where students can submit their applications or else they can approach the Examination In charge. The Examination In-Charge verifies the grievances and takes necessary action to solve them within time.

## Transparency & Robustness

1. IA will be conducted as per the schedule given in the academic calendar.
2. At the end of sessional examination, the marks are informed to students as hard copies and discussed with them during parent teachers meeting at least once in a year.
3. Marks awarded will be entered in the Linways software with parent and student access using specific user id.
4. The final IA and CA mark along with the attendance entered in KUHS web portal has to be verified and countersigned in the consolidated hard copies before submission to the university.
5. As there is double evaluation, no revaluation of theory answer book shall be permitted.
6. Students shall have the right to apply to the Controller of Examination for retotaling of marks, photocopy of answer book and score sheets.
7. All the students are given equal opportunity to represent the exam related issues.

Internal/external assessment has been designed for a better educational outcome. The examination committee will give tentative dates for the conduct of internal exams, to the academic committee.

## Conduct of Examinations

**Continuous Assessment (CA)** – Continuous assessment is awarded on the basis of three sub criteria as per KUHS regulations such as attendance, academic activities (quiz, class test, presentation, group discussion, seminar) and student-teacher interaction

**Internal assessment (IA)** – The theory and practical internal assessment mark split up are specified in the exam manuals for uniformity and transparency.

1. As per KUHS 2012 Regulations, out of three IA exam marks, only average of two IA exam marks was only considered for uploading in the web portal of university.
2. As per KUHS 2017 Regulations, two sessional exams shall be conducted for each theory and practical courses as per schedule fixed by the college. The average marks of two sessional exams shall be computed for IA

Guidelines for the allotment of marks for IA and CA are specified in the page no: 16-18 in KUHS 2017 regulation and page no: 5 for 2012 regulation.

## University exams

University exams are conducted as per instruction from the Controller of Examination Kerala university of Health and Sciences.

## Examination Grievances

An Examination Committee is constituted with Principal as the Head, Chief coordinator, and two other faculty members. They are responsible for dealing with various types of grievances from students for both internal/external examinations. The college has a drop box in front of the examination cell where students can submit their applications or else they can approach the Examination In charge. The Examination In-Charge verifies the grievances and takes necessary action to solve them within time.

## Transparency & Robustness

1. IA will be conducted as per the schedule given in the academic calendar.
2. At the end of sessional examination, the marks are informed to students as hard copies and discussed with them during parent teachers meeting at least once in a year.
3. Marks awarded will be entered in the Linways software with parent and student access using specific user id.
4. The final IA and CA mark along with the attendance entered in KUHS web portal has to be verified and countersigned in the consolidated hard copies before submission to the university.
5. As there is double evaluation, no revaluation of theory answer book shall be permitted.
6. Students shall have the right to apply to the Controller of Examination for retotaling of marks, photocopy of answer book and score sheets.
7. All the students are given equal opportunity to represent the exam related issues.

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 and attainment of POs and COs are evaluated

**Response:**

**Response:**

The Institute's Program Outcomes (PO) and Course Outcomes (CO) determine the value of academic learning for all of the Institute's Programs and Courses (CO). In addition to the institute's Vision, Mission, and Quality Policy, the institute has designed its POs and COs with an idealistic perspective to correspond to the goals of each programme.

- Course outcomes are direct statements that indicate the fundamental knowledge that students should receive and the level of learning that is expected at the end of the course.
- The fundamental goal of Programme and Course Outcomes is to teach knowledge and improve skills that are necessary for students capability and personality development. Students' general growth is also emphasised through the instillation of values and ethics, as well as the improvement of interpersonal and communication skills through learning outcomes.
- Following consultations with subject specialists, POs, COs, and PSOs are developed for all UG programmes. To create them, the entire faculty had group discussions.
- At the start of the academic year, lesson plans are created including Course Objectives, Course Outcomes, teaching resources, and the total amount of teaching hours. Every IQAC meeting discusses the necessity of POs and COs.

The college's vision, mission, values, and goals are posted at the entrance to help students understand the college's perspective.

- All of the institute's programmes' Vision, Mission, Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are expressed and uploaded on the College Website and conveyed to all teachers and students.
- The Program Outcomes and Course Outcomes are explained to newly hired employees. After the courses have been assigned, the POs, PSOs, and COs are described to them.
- Every faculty member tells students about the course structure and their accompanying outcomes at the start of each semester. The library, laboratories, and departments all have copies of the syllabus. Students, staff members, and all other stakeholders have access to them.
- During the Orientation Program at the start of the academic year, students and parents are informed about them.
- The evaluation of students is done in the background of these to make the teaching-learning process effective, and it allows the faculty to focus on the attainment.

### **Response:**

The Institute's Program Outcomes (PO) and Course Outcomes (CO) determine the value of academic learning for all of the Institute's Programs and Courses (CO). In addition to the institute's Vision, Mission, and Quality Policy, the institute has designed its POs and COs with an idealistic perspective to correspond to the goals of each programme.

- Course outcomes are direct statements that indicate the fundamental knowledge that students should receive and the level of learning that is expected at the end of the course.
- The fundamental goal of Programme and Course Outcomes is to teach knowledge and improve skills that are necessary for students capability and personality development. Students' general growth is also emphasised through the instillation of values and ethics, as well as the improvement of interpersonal and communication skills through learning outcomes.
- Following consultations with subject specialists, POs, COs, and PSOs are developed for all UG programmes. To create them, the entire faculty had group discussions.
- At the start of the academic year, lesson plans are created including Course Objectives, Course Outcomes, teaching resources, and the total amount of teaching hours. Every IQAC meeting discusses the necessity of POs and COs.

The college's vision, mission, values, and goals are posted at the entrance to help students understand the college's perspective.

- All of the institute's programmes' Vision, Mission, Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are expressed and uploaded on the College Website and conveyed to all teachers and students.
- The Program Outcomes and Course Outcomes are explained to newly hired employees. After the courses have been assigned, the POs, PSOs, and COs are described to them.
- Every faculty member tells students about the course structure and their accompanying outcomes at the start of each semester. The library, laboratories, and departments all have copies of the syllabus. Students, staff members, and all other stakeholders have access to them.
- During the Orientation Program at the start of the academic year, students and parents are informed about them.

- The evaluation of students is done in the background of these to make the teaching-learning process effective, and it allows the faculty to focus on the attainment.

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

## 2.6.2 Pass percentage of Students during last five years

**Response:** 83.16

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

2021-22	2020-21	2019-20	2018-19	2017-18
43	36	0	0	0

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

2021-22	2020-21	2019-20	2018-19	2017-18
44	51	0	0	0

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

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.98

File Description	Document
Upload database of all students on roll	<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:** 1.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
0.1	0	1	0	0

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 and has initiatives for creation and transfer of knowledge**

**Response:**

Nirmala College of Health Science (NCHS) is established in the year 2016. The college offers Diploma in Pharmacy (D Pharm.) and Bachelor Degree in Pharmacy (B.Pharm.), who may subsequently go on to exciting research, regulatory and administrative careers in academic, industrial and healthcare settings. In this direction, the college goal is to prepare exceptional students for productive and successful careers in pharmaceutical industry, academia, and research.

The heart and soul of professional education is innovative thinking and innovation ecosystem. Innovation is our ability to improve human knowledge base in a structured manner that can benefit students, the discipline, and the society. Innovation ecosystem at Nirmala College of Health Science is achieved by

**Academic Innovation:** To nurture education, it is critical that we advance our teaching through innovation. This is done at the university and constituent colleges through an intense culture of experiential training, building knowledge enquiry capabilities and providing challenging platforms to students to develop innovative approaches to learning and application of knowledge. To enable ICT based learning the college has created Digital classrooms. In addition, outcome-based learning methodology is adopted.

**Research innovation:** The Nirmala College of Health Science has a vision to contribute its best to achieve

the 'global quest'. The institution has very passionate faculty members who had published over research and review papers in reputed international and national journals with reputed publishers.

Our Institution's Innovation Council (IIC) has been striving to create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and B.Pharm project students.

A research fund of Rs. 10,000/- has been approved by Kerala State Council for Science Technology and Environment for the B.Pharm project entitled "*Comparative evaluation of different facial serums of Rubia cordifolia with vitamin C for de-pigmentation*" guided by Mrs. Rosemol K John, file no. 00178/SPS65/2021/KSCSTE.

The Nirmala College of Health Science frequently arranges seminars/webinars/workshops on *Research Methodology and Intellectual Property rights* in collaboration with various industrial experts to encourage student's interest.

**Encouraging students to undertake entrepreneurship:** The Nirmala College of Health Science frequently arranges seminars/webinars/workshops on entrepreneurship to encourage students to be entrepreneurs.

Nirmala College of Health Science (NCHS) is established in the year 2016. The college offers Diploma in Pharmacy (D Pharm.) and Bachelor Degree in Pharmacy (B.Pharm.), who may subsequently go on to exciting research, regulatory and administrative careers in academic, industrial and healthcare settings. In this direction, the college goal is to prepare exceptional students for productive and successful careers in pharmaceutical industry, academia, and research.

The heart and soul of professional education is innovative thinking and innovation ecosystem. Innovation is our ability to improve human knowledge base in a structured manner that can benefit students, the discipline, and the society. Innovation ecosystem at Nirmala College of Health Science is achieved by

**Academic Innovation:** To nurture education, it is critical that we advance our teaching through innovation. This is done at the university and constituent colleges through an intense culture of experiential training, building knowledge enquiry capabilities and providing challenging platforms to students to develop innovative approaches to learning and application of knowledge. To enable ICT based learning the college has created Digital classrooms. In addition, outcome-based learning methodology is adopted.

**Research innovation:** The Nirmala College of Health Science has a vision to contribute its best to achieve the 'global quest'. The institution has very passionate faculty members who had published over research and review papers in reputed international and national journals with reputed publishers.

Our Institution's Innovation Council (IIC) has been striving to create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and B.Pharm project students.

A research fund of Rs. 10,000/- has been approved by Kerala State Council for Science Technology and Environment for the B.Pharm project entitled "*Comparative evaluation of different facial serums of Rubia cordifolia with vitamin C for de-pigmentation*" guided by Mrs. Rosemol K John, file no. 00178/SPS65/2021/KSCSTE.

The Nirmala College of Health Science frequently arranges seminars/webinars/workshops on *Research Methodology and Intellectual Property rights* in collaboration with various industrial experts to encourage student's interest.

**Encouraging students to undertake entrepreneurship:** The Nirmala College of Health Science frequently arranges seminars/webinars/workshops on entrepreneurship to encourage students to be entrepreneurs.

File Description	Document
Upload 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:** 28

#### **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**

2021-22	2020-21	2019-20	2018-19	2017-18
12	6	3	2	5

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:** 0.32

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

2021-22	2020-21	2019-20	2018-19	2017-18
5	5	1	0	1

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

### 3.3.2 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

#### 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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	0

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

## 3.4 Extension Activities

### 3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

**Response:**

Nirmala College of Health Science have initiated extension and outreach activities during the last five years in collaboration with social service organization and the public. This venture encourages staff and students to serve the community inculcating the mission and vision of our college. Our institution endeavours to enhance the well-being of people through knowledge, innovation and transformative actions.

In fact, we have adopted the entire locality of **Meloor village** including the residents of **Poolany, Kunnappilly** and **Chalakudy** for our activities. Our college has participated in community oriented projects for the marginalized people through the support of college National Service Scheme (NSS) unit, health care workers of Primary Health Centre (PHC) and the Family Welfare Centre (FWC), Meloor.

Various activities served to educate, motivate and empower the women, school children, local people and migrant labourers to be proactive in environment protection, prevention of diseases and improved lifestyle. The extension activities carried out in association with Primary Health Centre are distribution of first-aid kits to heavy vehicle drivers and to the neighboring school, Awareness Programmes on diabetic wounds, AIDS, lifestyle disease detection camps, monsoon diseases, cancer survey, polio vaccination drive, awareness and screening for malaria in migrant labourers. Our NSS unit has shown tremendous compassion to the patients and the abandoned people of leprosy hospital at Thirumudikunnu by cloth donation. A Home Visit to Santhi Bhavan – “Home for the Differently Abled” was organized to donate welfare materials in order to promote vocational training in tailoring.

On “World Pharmacists’ Day” our college felicitated community pharmacists of PHC, Meloor and Chalakudy Taluk Hospital for their professional services.

College NSS unit, conducted regular cleanliness drives (**Swachh Bharat Abhiyan**), prepared playground for children to welcome them back after covid-19 shutdown. Mass pre- monsoon cleanliness campaign was conducted in Meloor. VBUP school children were given awareness on hazards of tobacco use by our students. **Plantation Drive** for medicinal herbs was conducted by planting saplings of **fifty medicinal herbs** at the medicinal garden of Family Health Centre, Poolany. "World Earth Day" was observed by **distribution of cloth bags** to the local community, promoting use of **eco-friendly products**. A rally was conducted under the umbrella of NSS on World Health Day - “Our Planet Our Earth” championing the urgent need for environment protection.

In association with an NGO, St Jude Home Science Institute, Angamaly, we participated in “**Women Empowerment Programmes**” by conducting Workshop On Self Defence For Kudumbasree Unit for women in Poolany area. "Awareness Programme on Women Health Hygiene" was conducted by the NSS unit distributing sanitary pads to the women in the local community. Our students conducted a class on menstrual hygiene, exhibiting and explaining the hygienic use of sanitary pads and menstrual cups.

These extension activities greatly benefitted the people of neighbouring villages and created spirit of social commitment in our students.

Nirmala College of Health Science have initiated extension and outreach activities during the last five years in collaboration with social service organization and the public. This venture encourages staff and students to serve the community inculcating the mission and vision of our college. Our institution endeavours to enhance the well-being of people through knowledge, innovation and transformative actions.

In fact, we have adopted the entire locality of **Meloor village** including the residents of **Poolany, Kunnappilly** and **Chalakudy** for our activities. Our college has participated in community oriented projects for the marginalized people through the support of college National Service Scheme (NSS) unit, health care workers of Primary Health Centre (PHC) and the Family Welfare Centre (FWC), Meloor.

Various activities served to educate, motivate and empower the women, school children, local people and migrant labourers to be proactive in environment protection, prevention of diseases and improved lifestyle. The extension activities carried out in association with Primary Health Centre are distribution of first-aid kits to heavy vehicle drivers and to the neighboring school, Awareness Programmes on diabetic wounds, AIDS, lifestyle disease detection camps, monsoon diseases, cancer survey, polio vaccination drive, awareness and screening for malaria in migrant labourers. Our NSS unit has shown tremendous compassion to the patients and the abandoned people of leprosy hospital at Thirumudikunnu by cloth

donation. A Home Visit to Santhi Bhavan – “ Home for the Differently Abled” was organized to donate welfare materials in order to promote vocational training in tailoring.

On “World Pharmacists’ Day” our college felicitated community pharmacists of PHC, Meloor and Chalakudy Taluk Hospital for their professional services.

College NSS unit, conducted regular cleanliness drives (**Swachh Bharat Abhiyan**), prepared playground for children to welcome them back after covid-19 shutdown. Mass pre- monsoon cleanliness campaign was conducted in Meloor. VBUP school children were given awareness on hazards of tobacco use by our students. **Plantation Drive** for medicinal herbs was conducted by planting saplings of **fifty medicinal herbs** at the medicinal garden of Family Health Centre, Poolany. "World Earth Day" was observed by **distribution of cloth bags** to the local community, promoting use of **eco-friendly products**. A rally was conducted under the umbrella of NSS on World Health Day - “Our Planet Our Earth” championing the urgent need for environment protection.

In association with an NGO, St Jude Home Science Institute, Angamaly, we participated in “**Women Empowerment Programmes**” by conducting Workshop On Self Defence For Kudumbasree Unit for women in Poolany area. "Awareness Programme on Women Health Hygiene" was conducted by the NSS unit distributing sanitary pads to the women in the local community. Our students conducted a class on menstrual hygiene, exhibiting and explaining the hygienic use of sanitary pads and menstrual cups.

These extension activities greatly benefitted the people of neighbouring villages and created spirit of social commitment in our students.

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

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

#### Response:

Nirmala College of Health Science has been consistently striving to achieve socio-economic development in the villages of Kunnappilly, Meloor, Poolany and Chalakudy town. 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. Thus, Nirmala College of Health Science encompasses functions of teaching, research and service.

In order to achieve our objectives of improving the society around the college, our staff and students have been engaged in Swachh Bharat Abhiyan activities, plantation drives and pre-monsoon cleaning activities. Women empowerment has been accomplished by conducting workshop on self-defense for women, awareness class on cleanliness and menstrual hygiene.

NSS unit of our college in association with Primary Health Centre, Meloor have conducted awareness program on HIV-AIDS, rabies and malaria awareness camp and screening of migrant labourers. Campaign

and survey on breast cancer, polio vaccination drive have also been conducted. Blood Donation Drive was conducted in association with PHC, Meloor and IMA, Thrissur. A free medical camp was conducted in association with Apollo Adlux Hospital for the less privileged residents of neighboring villages.

Nirmala College of Health Science has received appreciation and recognitions from various government and non-government organizations for encouraging entrepreneurship, innovation, community services and awareness programs on health care.

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

The Primary Health Centre, Meloor has issued a letter of recognition for outstanding contributions to the conduct of Health Care Activities in Meloor Grama Panchayath which has greatly improved the health care of local community.

We have received appreciation from Headmistress of VBUP School, Poolany for cleaning the school compound post- covid and for conducting awareness class on "Health Hazards of Tobacco Use" to the school children.

Nirmala College of Health Science has been bestowed with a letter of appreciation from the President, Meloor Grama Panchayath for valuable services to the people of the surrounding villages

Nirmala College of Health Science has been consistently striving to achieve socio-economic development in the villages of Kunnappilly, Meloor, Poolany and Chalakudy town. 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. Thus, Nirmala College of Health Science encompasses functions of teaching, research and service.

In order to achieve our objectives of improving the society around the college, our staff and students have been engaged in Swachh Bharat Abhiyan activities, plantation drives and pre-monsoon cleaning activities. Women empowerment has been accomplished by conducting workshop on self-defense for women, awareness class on cleanliness and menstrual hygiene.

NSS unit of our college in association with Primary Health Centre, Meloor have conducted awareness program on HIV-AIDS, rabies and malaria awareness camp and screening of migrant labourers. Campaign and survey on breast cancer, polio vaccination drive have also been conducted. Blood Donation Drive was conducted in association with PHC, Meloor and IMA, Thrissur. A free medical camp was conducted in association with Apollo Adlux Hospital for the less privileged residents of neighboring villages.

Nirmala College of Health Science has received appreciation and recognitions from various government and non-government organizations for encouraging entrepreneurship, innovation, community services and awareness programs on health care.

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

Development Centre.

The Primary Health Centre, Meloor has issued a letter of recognition for outstanding contributions to the conduct of Health Care Activities in Meloor Grama Panchayath which has greatly improved the health care of local community.

We have received appreciation from Headmistress of VBUP School, Poolany for cleaning the school compound post- covid and for conducting awareness class on “Health Hazards of Tobacco Use” to the school children.

Nirmala College of Health Science has been bestowed with a letter of appreciation from the President, Meloor Grama Panchayath for valuable services to the people of the surrounding villages

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

**3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years**

**Response: 37**

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

2021-22	2020-21	2019-20	2018-19	2017-18
24	02	04	05	02

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<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: 75**

<b>File Description</b>	<b>Document</b>
Upload supporting document	<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 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

##### Response:

The institution has good Infrastructural facilities for teaching and learning process, which are maintained, and they were upgraded according to requirements for higher education to meet the regulatory requirements of AICTE, PCI and Kerala University of Health Sciences University (KUHS), Kerala.

The classrooms are well-designed for teaching and learning with a seating capacity of 60 students. A total of 4 classrooms are made available. All classrooms are equipped with LCD projectors and are ICT-enabled. The boards are installed in places with proper lighting. Electrically operated drop-down projection screens and LCD projectors are provided in all the lecture halls. Stand by portable LCD are also available.

All classrooms are connected to the campus data network via an Ethernet-based local area network (LAN). All the classrooms are Wi-Fi enabled with state-of-the-art infrastructure and facilities. Classrooms and corridors are under the constant supervision of CCTV and are provided with adequate lighting and ventilation facilities. The windows are provided with vertical curtains to control brightness as required. The overall ambience in classrooms seating is arranged for the comfort of students. Multipurpose seminar hall is provided on campus. All the labs and instruments are used for the UG, collaborative works.

Stock registers are maintained for equipment, glassware and chemicals. Students were trained and promoted to use highly sophisticated instruments like UV-Visible, Spectrophotometer, tablet punching machine, capsule making machine, Laminar Air Flow chamber, liquid oral preparations, flame photometry instrument etc.

The NCHS Pharmacy College has initiated a wide variety of sports, games, cultural and extracurricular activities. The open playgrounds on the campus supports a wide variety of sports and games. Equal importance to academics, sports and cultural activities were preferred for student physical and mental health, and our institution encourages students to participate in all indoor, outdoor sports and also cultural activities. A facility for indoor games, Yoga, chess and Carroms are available for promoting mental health.

Sports and Cultural activities were organized through various competitions and students acknowledge with the sportive spirit. Winners and Runners are awarded with medals and certificates and as a token of appreciation for their achievements.

Yoga classes are incorporated periodically to develop self-regulation skills. Self-defence classes are conducted to all girl students to practice the Realtime defence required in the society.

The institution has good Infrastructural facilities for teaching and learning process, which are maintained, and they were upgraded according to requirements for higher education to meet the regulatory requirements of AICTE, PCI and Kerala University of Health Sciences University (KUHS), Kerala.

The classrooms are well-designed for teaching and learning with a seating capacity of 60 students. A total of 4 classrooms are made available. All classrooms are equipped with LCD projectors and are ICT-enabled. The boards are installed in places with proper lighting. Electrically operated drop-down projection screens and LCD projectors are provided in all the lecture halls. Stand by portable LCD are also available.

All classrooms are connected to the campus data network via an Ethernet-based local area network (LAN). All the classrooms are Wi-Fi enabled with state-of-the-art infrastructure and facilities. Classrooms and corridors are under the constant supervision of CCTV and are provided with adequate lighting and ventilation facilities. The windows are provided with vertical curtains to control brightness as required. The overall ambiance in classrooms seating is arranged for the comfort of students. Multipurpose seminar hall is provided on campus. All the labs and instruments are used for the UG, collaborative works.

Stock registers are maintained for equipment, glassware and chemicals. Students were trained and promoted to use highly sophisticated instruments like UV-Visible, Spectrophotometer, tablet punching machine, capsule making machine, Laminar Air Flow chamber, liquid oral preparations, flame photometry instrument etc.

The NCHS Pharmacy College has initiated a wide variety of sports, games, cultural and extracurricular activities. The open playgrounds on the campus supports a wide variety of sports and games. Equal importance to academics, sports and cultural activities were preferred for student physical and mental health, and our institution encourages students to participate in all indoor, outdoor sports and also cultural activities. A facility for indoor games, Yoga, chess and Carroms are available for promoting mental health.

Sports and Cultural activities were organized through various competitions and students acknowledge with the sportive spirit. Winners and Runners are awarded with medals and certificates and as a token of appreciation for their achievements.

Yoga classes are incorporated periodically to develop self-regulation skills. Self-defence classes are conducted to all girl students to practice the Realtime defence required in the society.

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

#### **4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)**

**Response:** 20.63

##### **4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
1.29	2.99	12.46	39.32	21.48

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

## 4.2 Library as a Learning Resource

### 4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

#### Response:

Library is automated by using KOHA, an integrated library management system. It has the facilities for issue, return of books and maintaining record of books by using OPAC (Online Public Access Catalogue) which is used by students & faculty for search of books by title/ author name etc.

Digital Library is also available with facilities such as subscription, e-journals, e-books. E-Library resources, various journals are provided for access and helps in upgrading the research knowledge of the staff and students.

Library is supported by more than 2856 textbooks and reference books, 19 national/international journals, and other readable articles in printed form. Library has a seating capacity for 30 students. 10 Computer terminals and free internet facility are available for student and staff.

In case of barcode-based computerized circulation, accession numbers of books are converted into barcodes and printouts of barcodes are pasted at different places on the books. Software is used to maintain; the students and staff entry register with the help of barcode present on the identity card of students and staff respectively for authorized access of books.

System based Learning Resource Lab and with 10 Computers in a networked environment provide Internet access, Digital Learning Resources, and Online access to E Journals and E-Books relevant to Health Sciences, and Social Sciences available from DEL-NET / E-Shodh Sindhu. The college library had connected with National digital library (NDL). The Total expenditure of library resources is 15 to 18 Lakhs.

We can generate and print a greater number of reports like books issued and return reports, book reports categorized by accession number, author, subject, department, supplier and publisher, title, and availability. Monthly reports and Yearly report facility are also available in the library management system (KOHA software). The module records an average of 20 percentage and above users per day.

Library is automated by using KOHA, an integrated library management system. It has the facilities for

issue, return of books and maintaining record of books by using OPAC (Online Public Access Catalogue) which is used by students & faculty for search of books by title/ author name etc.

Digital Library is also available with facilities such as subscription, e-journals, e-books. E-Library resources, various journals are provided for access and helps in upgrading the research knowledge of the staff and students.

Library is supported by more than 2856 textbooks and reference books, 19 national/international journals, and other readable articles in printed form. Library has a seating capacity for 30 students. 10 Computer terminals and free internet facility are available for student and staff.

In case of barcode-based computerized circulation, accession numbers of books are converted into barcodes and printouts of barcodes are pasted at different places on the books. Software is used to maintain; the students and staff entry register with the help of barcode present on the identity card of students and staff respectively for authorized access of books.

System based Learning Resource Lab and with 10 Computers in a networked environment provide Internet access, Digital Learning Resources, and Online access to E Journals and E-Books relevant to Health Sciences, and Social Sciences available from DEL-NET / E-Shodh Sindhu. The college library had connected with National digital library (NDL). The Total expenditure of library resources is 15 to 18 Lakhs.

We can generate and print a greater number of reports like books issued and return reports, book reports categorized by accession number, author, subject, department, supplier and publisher, title, and availability. Monthly reports and Yearly report facility are also available in the library management system (KOHA software). The module records an average of 20 percentage and above users per day.

File Description	Document
Upload 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

##### Response:

Students and Staff are provided with wi-fi net facilities across the campus. Wi-fi Facility is available on the premises of the institute for internet access for both faculty and students. IT facilities are upgraded from 50 Mbps to 200 Mbps. Wi-Fi facilities were installed for staff, students, and visitors for smooth browsing. The entire campus is enabled with Wi-fi Acces points usage-controlled and monitored high-speed Wi-Fi Internet connection to help the students and staff access.

Regular system maintenance, Management information software **LINWAYS** maintenance is taken care on a routine basis. The faculty members, Carry Laptops connect to the LCD Projector with Wi-Fi facility. For

better visualization of the subject topics, the faculty is encouraged to use the ICT facilities. Also, the students are supported by the faculty to present their seminar topics using the ICT facilities.

The computer laboratory is equipped with systems of latest configuration and required software are available. Our college has very strong IT support which takes care of the updates of its IT facilities in terms of hardware and software upgrades.

**The infrastructure includes:** Desktops (All the desktops are provided with the following configurations)

<b>Desktop computers in Computer Lab and Library</b>	Intel dual core 2030, H61 MS, 500 GB SATA, 18.5" LED Monitor Memory Hynix 4GB DDR3, Logitech USB mouse
<b>40 computers</b>	

Students and Staff are provided with wi-fi net facilities across the campus. Wi-fi Facility is available on the premises of the institute for internet access for both faculty and students. IT facilities are upgraded from 50 Mbps to 200 Mbps. Wi-Fi facilities were installed for staff, students, and visitors for smooth browsing. The entire campus is enabled with Wi-fi Acces points usage-controlled and monitored high-speed Wi-Fi Internet connection to help the students and staff access.

Regular system maintenance, Management information software **LINWAYS** maintenance is taken care on a routine basis. The faculty members, Carry Laptops connect to the LCD Projector with Wi-Fi facility. For better visualization of the subject topics, the faculty is encouraged to use the ICT facilities. Also, the students are supported by the faculty to present their seminar topics using the ICT facilities.

The computer laboratory is equipped with systems of latest configuration and required software are available. Our college has very strong IT support which takes care of the updates of its IT facilities in terms of hardware and software upgrades.

**The infrastructure includes:** Desktops (All the desktops are provided with the following configurations)

<b>Desktop computers in Computer Lab and Library</b>	Intel dual core 2030, H61 MS, 500 GB SATA, 18.5" LED Monitor Memory Hynix 4GB DDR3, Logitech USB mouse
<b>40 computers</b>	

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:** 6.15

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

**Response:** 40

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

#### 4.4 Maintenance of Campus Infrastructure

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

**Response:** 58.04

**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)**

2021-22	2020-21	2019-20	2018-19	2017-18
43.55	60.79	42.36	33.17	38.34

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<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 Government and Non-Government agencies during last five years

**Response:** 61.94

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
151	156	142	115	74

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

#### 5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

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
Upload supporting document	<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 counselling offered by the Institution during the last five years

**Response:** 74.27

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

2021-22	2020-21	2019-20	2018-19	2017-18
178	182	175	115	115

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 has a transparent mechanism for timely 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:** B. Any 3 of the above

File Description	Document
Upload supporting document	<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:** 64.56

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

2021-22	2020-21	2019-20	2018-19	2017-18
25	26	0	0	0

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

2021-22	2020-21	2019-20	2018-19	2017-18
43	36	0	0	0

File Description	Document
Upload supporting document	<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 (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.2.1 *Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
10	13	06	0	0

5.2.2.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
10	13	06	0	0

File Description	Document
Upload supporting document	<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: 4

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*

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	4	0	0

File Description	Document
Upload supporting document	<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:** 13

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

2021-22	2020-21	2019-20	2018-19	2017-18
22	07	10	13	13

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:**

Nirmala College of Health Science has constituted an Alumni Welfare Association on the name of “Alumni Association of Nirmala College of Health Science from the academic year 2020-2021 under the Societies Registration act, 2001(Act 35/2001) with the following aim and objectives. Alumni are the main contributors for the development of an institution and career development of the students. Alumni has been constituted to develop the institution, help the students and to provide professional opportunities and professional growth.

**Aims and objective:**

- To strive for the eradication of literacy.
- To develop the social and cultural activities for the welfare of the society.
- To provide the required facilities which help the students to get success in the competitive examinations such as GPAT, GRE, TOEFL, IELTS and PG CET.
- To organize the National level and international level Seminars events which give great exposure to the students and to get experience in the higher-level events.
- To act as arbitrators between the students and Pharmaceutical Industries (MNCs) and foreign universities which provide career opportunities to the students industrially and academically respectively i.e to establish memorandum of understanding with MNCs and Foreign universities.

Under the banner of Alumni Associations of Nirmala College of Health Science, we conduct yearly General Body meetings and once in six monthly Executive Council meetings. The EC, Committee is revised every year and the EC members are either elected or nominative based on the criteria.

Our Alumni also regularly visit our college apart from general body meetings and deliver guest lectures and actively interact with students which help them to grow professionally. They also guide them in their future endeavours; they also actively contribute to the placement by arranging campus interviews. They help our students to get places by arranging on-campus or off-campus interviews. We have a strong Alumni network, and all Alumni help our student's holistic development and growth. Alumni Associations of Nirmala College of Health Science have organized career counselling lectures delivered by Alumni which have helped them to build up confidence and choose the right career/Job for them.

The environment of Industries and regulatory bodies, career growth through NET and CSIR examinations, opportunities in Entrepreneurship, the working environment of Pharma Industries, and in the present scenario of CRO, the role of clinical pharmacists, and ultimately all these lectures help our present students to prepare for their future because all these lectures were delivered by Distinguished Alumni from various Pharma Industries.

Nirmala College of Health Science has constituted an Alumni Welfare Association on the name of "Alumni Association of Nirmala College of Health Science from the academic year 2020-2021 under the Societies Registration act, 2001(Act 35/2001) with the following aim and objectives. Alumni are the main contributors for the development of an institution and career development of the students. Alumni has been constituted to develop the institution, help the students and to provide professional opportunities and professional growth.

**Aims and objective:**

- To strive for the eradication of literacy.
- To develop the social and cultural activities for the welfare of the society.
- To provide the required facilities which help the students to get success in the competitive examinations

such as GPAT, GRE, TOEFL, IELTS and PG CET.

- To organize the National level and international level Seminars events which give great exposure to the students and to get experience in the higher-level events.
- To act as arbitrators between the students and Pharmaceutical Industries (MNCs) and foreign universities which provide career opportunities to the students industrially and academically respectively i.e to establish memorandum of understanding with MNCs and Foreign universities.

Under the banner of Alumni Associations of Nirmala College of Health Science, we conduct yearly General Body meetings and once in six monthly Executive Council meetings. The EC, Committee is revised every year and the EC members are either elected or nominative based on the criteria.

Our Alumni also regularly visit our college apart from general body meetings and deliver guest lectures and actively interact with students which help them to grow professionally. They also guide them in their future endeavours; they also actively contribute to the placement by arranging campus interviews. They help our students to get places by arranging on-campus or off-campus interviews. We have a strong Alumni network, and all Alumni help our student's holistic development and growth. Alumni Associations of Nirmala College of Health Science have organized career counselling lectures delivered by Alumni which have helped them to build up confidence and choose the right career/Job for them.

The environment of Industries and regulatory bodies, career growth through NET and CSIR examinations, opportunities in Entrepreneurship, the working environment of Pharma Industries, and in the present scenario of CRO, the role of clinical pharmacists, and ultimately all these lectures help our present students to prepare for their future because all these lectures were delivered by Distinguished Alumni from various Pharma Industries.

File Description	Document
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 governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance**

**Response:**

The Institute's governance focus and core ideology is reflected in effective leadership in tune with the vision and mission of the institution, as shown below:

#### **NATURE OF GOVERNANCE**

Nirmala College of Health Science, through effective governance, institutional planning and development, prepares strategies to improve the quality of pharmacy education. The governance of the College, steered by a Governing Body at the apex level, is participatory, decentralized, transparent and transformational.

The governance ensures that the execution of educational programs reflects the institution's vision and mission, which is framed based on the Motto "Focus on Excellence"- to become a world class professional institute with focus on excellence, Moulding committed global professionals who can meet the demands of industry and research.

The overall functioning of the college is governed by the governing council headed by the management. The principal administers the day-to-day processes of the college. Next to the principal in the hierarchy are the Heads of various departments, the faculty and the non-teaching staff to look after academic and administrative aspects. The librarian and office staff report directly to the principal.

#### **PARTICIPATION OF THE TEACHERS IN THE DECISION MAKING BODIES:**

- 1.Principal leads the academic and administrative bodies for effective implementation.
- 2.HoDs along with faculty make the decision for various activities of the department.
- 3.Faculty members and administrative team are involved in the process of decision making in executing their duties, responsibilities and rights.
- 4.Faculty members actively take part in various committees like IQAC, Training and Placement Cell, Grievance Redressal Committee, Anti Ragging Committee, Examination Committee, Annual Day, Sports Day, Graduation Day etc. as part of Programme Committee, and are encouraged to give ideas pertaining to the growth and betterment of the institution. They are engaged in policy formulation, planning, execution and monitoring. The nature of governance reflects a collective leadership of an administrative team honed out of years of experience.

The Institute's governance focus and core ideology is reflected in effective leadership in tune with the vision and mission of the institution, as shown below:

#### **NATURE OF GOVERNANCE**

Nirmala College of Health Science, through effective governance, institutional planning and development,

prepares strategies to improve the quality of pharmacy education. The governance of the College, steered by a Governing Body at the apex level, is participatory, decentralized, transparent and transformational.

The governance ensures that the execution of educational programs reflects the institution's vision and mission, which is framed based on the Motto "Focus on Excellence"- to become a world class professional institute with focus on excellence, Moulding committed global professionals who can meet the demands of industry and research.

The overall functioning of the college is governed by the governing council headed by the management. The principal administers the day-to-day processes of the college. Next to the principal in the hierarchy are the Heads of various departments, the faculty and the non-teaching staff to look after academic and administrative aspects. The librarian and office staff report directly to the principal.

#### **PARTICIPATION OF THE TEACHERS IN THE DECISION MAKING BODIES:**

1. Principal leads the academic and administrative bodies for effective implementation.
2. HoDs along with faculty make the decision for various activities of the department.
3. Faculty members and administrative team are involved in the process of decision making in executing their duties, responsibilities and rights.
4. Faculty members actively take part in various committees like IQAC, Training and Placement Cell, Grievance Redressal Committee, Anti Ragging Committee, Examination Committee, Annual Day, Sports Day, Graduation Day etc. as part of Programme Committee, and are encouraged to give ideas pertaining to the growth and betterment of the institution. They are engaged in policy formulation, planning, execution and monitoring. The nature of governance reflects a collective leadership of an administrative team honed out of years of experience.

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 functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc**

#### **Response:**

**Yes**, the Institute has prepared a Strategic/perspective/development plan to fulfill the academic and research development, extra-curricular activities, sports, culture, infrastructural facilities of the Institute.

Effective strategic planning requires identifying and implementing strategies that will move Nirmala College of Health Science to a better desired future as an educational and research institution in Chalakudy as well as in the state of Kerala and at the national level. Strategic planning is a continuous process

involving planning, implementing, assessing outcomes, and using results and lessons learned for further planning and revision and/or modification of strategies. In the preparation of the Perspective Plan, the Internal Quality Assurance Cell (IQAC) of the college has taken initiatives to obtain inputs from all the stakeholders viz, Management, Principal, faculty, administrative staff, students, and parents. Stakeholders' expectations, management policies, vision, mission, and quality policy of the college is also considered as a base for formulation of the perspective plan.

The prime role of IQAC is to suggest quality measures for the betterment of an institution. While preparing a road map for future growth, the members of the IQAC have considered Feedback from all the stakeholders and the recommendations specified in the meetings of the IQAC. Besides, innovative ideas as suggested by all the stakeholders are also carefully incorporated in perspective plan. Student feedback, self-appraisal of faculty, faculty training programmes arranged by the college as well as attended by the faculty.

The Institution believes in development of excellence in all spheres of ongoing process. This is made feasible with the help of perspective plans that chalk out the necessary action to be taken to grow and develop.

**The Institution has Strategic/perspective/development plan for the period from 2021– 22 to 2025–26:**

- 1.Nirmala College of Health Science having the plan to start postgraduate programmes in Pharmacy including both M.Pharm & Pharm D. This was successful in the academic year, we got M.Pharm (Pharmacy practice) and Pharm D approval from Pharmacy Council of India (PCI)
- 2.To do more towards pathway of Academic excellence, institution has planned to recruit Professors in all specializations in Pharmacy. In the Academic year 2022-2023 it was happened, and we are having professors in all core specializations in pharmacy including Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry, and Pharmacy Practice.
- 3.Research centre establishment is one of the key plans in our mission, for that we have allocated areas and plans to purchase more instruments.
4. We are trying to establish Faculty and student exchange programmes with National or foreign universities as a part of our strategic plan to grow by sharing knowledge.
- 5.Memorandum of Understanding (MoU) with Pharma companies or industries, and tertiary care hospital for empowerment of student's internship training and visit. In this regard, we are successful enough by around 15 MoU that we have already executed.
- 6.To attain good grade in NAAC and NIRF ranking we have constituted IQAC and SSR, as well as NIRF submissions were done as per guidelines.

**Yes**, the Institute has prepared a Strategic/perspective/development plan to fulfill the academic and research development, extra-curricular activities, sports, culture, infrastructural facilities of the Institute.

Effective strategic planning requires identifying and implementing strategies that will move Nirmala College of Health Science to a better desired future as an educational and research institution in Chalakudy as well as in the state of Kerala and at the national level. Strategic planning is a continuous process involving planning, implementing, assessing outcomes, and using results and lessons learned for further planning and revision and/or modification of strategies. In the preparation of the Perspective Plan, the Internal Quality Assurance Cell (IQAC) of the college has taken initiatives to obtain inputs from all the stakeholders viz, Management, Principal, faculty, administrative staff, students, and parents. Stakeholders' expectations, management policies, vision, mission, and quality policy of the college is also considered as

a base for formulation of the perspective plan.

The prime role of IQAC is to suggest quality measures for the betterment of an institution. While preparing a road map for future growth, the members of the IQAC have considered Feedback from all the stakeholders and the recommendations specified in the meetings of the IQAC. Besides, innovative ideas as suggested by all the stakeholders are also carefully incorporated in perspective plan. Student feedback, self-appraisal of faculty, faculty training programmes arranged by the college as well as attended by the faculty.

The Institution believes in development of excellence in all spheres of ongoing process. This is made feasible with the help of perspective plans that chalk out the necessary action to be taken to grow and develop.

**The Institution has Strategic/perspective/development plan for the period from 2021– 22 to 2025– 26:**

- 1.Nirmala College of Health Science having the plan to start postgraduate programmes in Pharmacy including both M.Pharm & Pharm D. This was successful in the academic year, we got M.Pharm (Pharmacy practice) and Pharm D approval from Pharmacy Council of India (PCI)
- 2.To do more towards pathway of Academic excellence, institution has planned to recruit Professors in all specializations in Pharmacy. In the Academic year 2022-2023 it was happened, and we are having professors in all core specializations in pharmacy including Pharmaceutics, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry, and Pharmacy Practice.
- 3.Research centre establishment is one of the key plans in our mission, for that we have allocated areas and plans to purchase more instruments.
- 4.We are trying to establish Faculty and student exchange programmes with National or foreign universities as a part of our strategic plan to grow by sharing knowledge.
- 5.Memorandum of Understanding (MoU) with Pharma companies or industries, and tertiary care hospital for empowerment of student's internship training and visit. In this regard, we are successful enough by around 15 MoU that we have already executed.
- 6.To attain good grade in NAAC and NIRF ranking we have constituted IQAC and SSR, as well as NIRF submissions were done as per guidelines.

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

### 6.2.2 Implementation of e-governance in areas of operation

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

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

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

## 6.3 Faculty Empowerment Strategies

### 6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

#### Response:

In general, the college takes good care of its employees. There are several welfare measures in place for staff, both teaching and non-teaching. The college values the contributions of its employees to the development and progress of the institution.

Additionally, the college offers a variety of leave benefits to all employees, including casual leave, special leave, medical leave, maternity leave, and Special Casual Leave (SCL) for both teaching as well as non-teaching personnel. In an academic year, employees may take up to 12 casual and special leaves to attend seminars, symposiums, and workshops organized by reputed institutions.

The following are the Welfare schemes provided to Teaching and Non-teaching Staff:

1. Canteen facility for teaching and non-teaching staff members
2. Leave facility includes medical and marriage.
3. Encouragement of career advancement programme.
4. Reimbursement of registration fees towards attending seminars, workshops, and conferences.
5. OD facilities are extended to the teaching staff for attending seminars, workshops, and conferences.
6. Recreation centre like yoga, indoor and outdoor games.
7. Transportation facilities are available to all the teaching and non-teaching staff.
8. Accommodation facility in Hostel for the staff members based on their request.

**Insurance Scheme:** All employees are covered by medical insurance for accidental and health insurance.

**Teaching Staff:** The faculty development programmes are organized periodically to enhance their proficiency and performance and they are encouraged to take up online courses, register for doctorates, attend conferences, seminars and work on exam preparation. Employees are given On Duty privileges to participate in career enhancement activities like presenting papers at seminars, workshops, and conferences. Staff with full attendance, with research and academic achievements are recognized and recognized appropriately. There is financial support for teachers participating in academic activities outside of college. A well-equipped infrastructure is provided for teaching and non-teaching staff. HoDs are provided with laptops to ensure timely submission and record of all academic reports. All faculty members are provided with LAN internet and Wi-Fi facility to promote paperless administration. Library is equipped with internet facility to facilitate research work. Well-furnished cafeteria exclusively for faculty is available to dine and relax. Yoga and health sessions are organized at frequent intervals. Gifts are given on important occasions like Teachers Day.

**Non – Teaching Staff:** Training programmes on technical and academic skills are organized. Educational loans, travel allowance and provision for salary advance are granted. Bonus is given to support staff annually. Common Welfare Staff are eligible for monetary welfare measures such as PF, Gratuity and other monetary benefits to probationers and permanent staff. Faculty are covered under group Medical Insurance. Casual leave and maternity leave are granted as per policy.

In general, the college takes good care of its employees. There are several welfare measures in place for staff, both teaching and non-teaching. The college values the contributions of its employees to the development and progress of the institution.

Additionally, the college offers a variety of leave benefits to all employees, including casual leave, special leave, medical leave, maternity leave, and Special Casual Leave (SCL) for both teaching as well as non-teaching personnel. In an academic year, employees may take up to 12 casual and special leaves to attend seminars, symposiums, and workshops organized by reputed institutions.

The following are the Welfare schemes provided to Teaching and Non-teaching Staff:

1. Canteen facility for teaching and non-teaching staff members
2. Leave facility includes medical and marriage.
3. Encouragement of career advancement programme.
4. Reimbursement of registration fees towards attending seminars, workshops, and conferences.
5. OD facilities are extended to the teaching staff for attending seminars, workshops, and conferences.
6. Recreation centre like yoga, indoor and outdoor games.
7. Transportation facilities are available to all the teaching and non-teaching staff.
8. Accommodation facility in Hostel for the staff members based on their request.

**Insurance Scheme:** All employees are covered by medical insurance for accidental and health insurance.

**Teaching Staff:** The faculty development programmes are organized periodically to enhance their proficiency and performance and they are encouraged to take up online courses, register for doctorates, attend conferences, seminars and work on exam preparation. Employees are given On Duty privileges to participate in career enhancement activities like presenting papers at seminars, workshops, and conferences. Staff with full attendance, with research and academic achievements are recognized and recognized appropriately. There is financial support for teachers participating in academic activities outside of college. A well-equipped infrastructure is provided for teaching and non-teaching staff. HoDs are provided with laptops to ensure timely submission and record of all academic reports. All faculty members are provided with LAN internet and Wi-Fi facility to promote paperless administration. Library is equipped with internet facility to facilitate research work. Well-furnished cafeteria exclusively for faculty is available to dine and relax. Yoga and health sessions are organized at frequent intervals. Gifts are given on important occasions like Teachers Day.

**Non – Teaching Staff:** Training programmes on technical and academic skills are organized. Educational loans, travel allowance and provision for salary advance are granted. Bonus is given to support staff annually. Common Welfare Staff are eligible for monetary welfare measures such as PF, Gratuity and other monetary benefits to probationers and permanent staff. Faculty are covered under group Medical Insurance. Casual leave and maternity leave are granted as per policy.

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: 50**

#### 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

2021-22	2020-21	2019-20	2018-19	2017-18
10	10	13	8	6

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

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

**Response: 81.08**

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

2021-22	2020-21	2019-20	2018-19	2017-18
32	27	26	21	14

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

2021-22	2020-21	2019-20	2018-19	2017-18
13	10	10	11	10

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

#### Internal Audit:

Senior finance manager and his team controls over the financial transaction under various heads. Proper protocols are followed for purchasing any materials required. The requirements are derived by lab in-charges, Club & professional society in-charges and the department budget is prepared and submitted to HOD. Budget is approved by HOD and forwarded to the Principal. Principal forwards the proposed budget of each department to the Finance section. SFM audits the budget and submits a report to the management through principal for approval. Once the budget is approved, the financial transactions are made under the vigilance of senior finance manager. The approved budget is communicated to all the department in-charges and administrative in-charges. Based on this monthly budget is prepared by all the department and administrative in-charges.

The Chairman monitors and reviews the expenditures of the Institution by conducting budget meeting. The suppliers are chosen based on the quality of the goods and price quoted. The purchases are made with the chosen suppliers after negotiations. Senior Finance Manager audits the fund flow regularly and any discrepancy is reported to the management for calibration of the proposed budget. The books of accounts, payment vouchers, bills and bank statements maintained by the institution are verified by the senior finance manager. Cash inflow and expenditure are monitored using Tally software and cash collected at the counter is deposited in the account every day.

The audit team is directed to meet the management once in a fortnight to report their audit findings. Apart from fund flow the consumables and non- consumables are audited by senior faculty members annually and the reports are verified by the senior finance manager. Apart from the finance team under the guidance of Senior finance Manager, an external auditor audits the documents once in month and prepares the report (enclosed). This statement helps to keep track the expenses and make necessary steps to control the fund/cash flow. Proper record for all budget expenses is maintained by each department in-charges, administrative in-charges, accounts department, and the Principal office. Further the accounts department maintains the record of all the expenditures after the verification of vouchers and bills.

#### External Audit

Though a consistent audit is made internally, a qualified Chartered Accountant reviews the accounts/entries on quarterly basis. Suggestions/objections, if any, raised by the Chartered Accountant are discussed with the management for necessary action. Every year the accounts are further reviewed and

finalized by external auditors and audited financial statements are prepared.

The balance sheet is verified by the external auditors and submitted to the management. Based on this report the budget for the next academic year is prepared effectively. The external audit helps the management to understand the financial requirements and the suitable actions are taken to utilize the fund mobilized through various sources.

### **Internal Audit:**

Senior finance manager and his team controls over the financial transaction under various heads. Proper protocols are followed for purchasing any materials required. The requirements are derived by lab in-charges, Club & professional society in-charges and the department budget is prepared and submitted to HOD. Budget is approved by HOD and forwarded to the Principal. Principal forwards the proposed budget of each department to the Finance section. SFM audits the budget and submits a report to the management through principal for approval. Once the budget is approved, the financial transactions are made under the vigilance of senior finance manager. The approved budget is communicated to all the department in-charges and administrative in-charges. Based on this monthly budget is prepared by all the department and administrative in-charges.

The Chairman monitors and reviews the expenditures of the Institution by conducting budget meeting. The suppliers are chosen based on the quality of the goods and price quoted. The purchases are made with the chosen suppliers after negotiations. Senior Finance Manager audits the fund flow regularly and any discrepancy is reported to the management for calibration of the proposed budget. The books of accounts, payment vouchers, bills and bank statements maintained by the institution are verified by the senior finance manager. Cash inflow and expenditure are monitored using Tally software and cash collected at the counter is deposited in the account every day.

The audit team is directed to meet the management once in a fortnight to report their audit findings. Apart from fund flow the consumables and non- consumables are audited by senior faculty members annually and the reports are verified by the senior finance manager. Apart from the finance team under the guidance of Senior finance Manager, an external auditor audits the documents once in month and prepares the report (enclosed). This statement helps to keep track the expenses and make necessary steps to control the fund/cash flow. Proper record for all budget expenses is maintained by each department in-charges, administrative in-charges, accounts department, and the Principal office. Further the accounts department maintains the record of all the expenditures after the verification of vouchers and bills.

### **External Audit**

Though a consistent audit is made internally, a qualified Chartered Accountant reviews the accounts/entries on quarterly basis. Suggestions/objections, if any, raised by the Chartered Accountant are discussed with the management for necessary action. Every year the accounts are further reviewed and finalized by external auditors and audited financial statements are prepared.

The balance sheet is verified by the external auditors and submitted to the management. Based on this report the budget for the next academic year is prepared effectively. The external audit helps the management to understand the financial requirements and the suitable actions are taken to utilize the fund mobilized through various sources.

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:

The IQAC plays a pivotal role in the enhancement and sustainability of quality in the educational services. The major initiatives include: The quality initiative taken up by IQAC is Strengthening the mentor-mentee programme, enhancing ICT facilities in the institution, Continuing education for teaching staff using online resources, automation of academic activities, Add-on courses for students and Implementation of online feedback system. form, introducing best practices, organizing workshops & seminars, introducing quality initiatives like accreditation and ranking, consultancy, collaboration, e-attendance, feedback analysis, initiative toward patent filing and incubation centre, internal promotion guidance, research quality enhancement etc

### Add on courses and skills enhancement programmes for students

#### Automation of academic activities

#### 1. Add on courses and skills enhancement programmes for students:

The pharmaceutical field is advancing at rapid phased by the way of new drugs, new technology and a new approach to clinical pharmacy and there is a long delay in incorporating these concepts in the academic curriculum and affiliated college has to follow the curriculum approved by the University. As a result, often there is a gap between curriculum and contemporary need. Further the current employability of a graduate depends not only on sound subject knowledge but also on other soft skills and computer knowledge. Considering these requirements IQAC initiated a drive to conduct add-on courses and various Capacity building and skills enhancement programmes to enhance the employability of the graduates.

#### 2. Automation of academic activities:

For academic activity automation college has installed dedicated software. Principals, HODs staff and students can log in with a different levels of access. The software is used to perform the following functions

1. **Managing students' attendance** - Managing Examination marks obtained by students.  
Communication with students regarding programme organized in the college, study materials etc.
2. **Conducting online examination** - Report generation on attendance, examination results, topic coverage etc.

3. **Automation of Library** - The library is partially automated with the KOHA Software.
4. **Syllabus coverage review** - All teaching staff maintains record work done statement detailing the topics covered and the same is reviewed by HODs
5. **Students attendance review** - A monthly review of students' attendance is done by the respective teacher and a report mentioning the Shortfall in attendance of any student is submitted to the course coordinator for corrective action. The College Software LINWAYS has made the process simple wherein monthly attendance statement can be obtained.
6. **Examination results review** - The results of the examination, both sessional and University, are analyzed by the examination committee and the report is submitted to the Principal. Based on the report slow learners are identified and made to appear for the synopsis test during Lab hours
7. **Review of educational outcome** - The main thrust of NCHS five years perspective plan 2017 – 2022 is to establish a quality system and Introduce outcome-based education. The programme is being strengthened gradually and recently constituted IQAC has taken charge of the programme.
8. The library is partially automated with is the KOHA ERP in the month of March 2020.

The IQAC plays a pivotal role in the enhancement and sustainability of quality in the educational services. The major initiatives include: The quality initiative taken up by IQAC is Strengthening the mentor-mentee programme, enhancing ICT facilities in the institution, Continuing education for teaching staff using online resources, automation of academic activities, Add-on courses for students and Implementation of online feedback system. form, introducing best practices, organizing workshops & seminars, introducing quality initiatives like accreditation and ranking, consultancy, collaboration, e-attendance, feedback analysis, initiative toward patent filing and incubation centre, internal promotion guidance, research quality enhancement etc

### **Add on courses and skills enhancement programmes for students**

#### **Automation of academic activities**

##### **1. Add on courses and skills enhancement programmes for students:**

The pharmaceutical field is advancing at rapid phased by the way of new drugs, new technology and a new approach to clinical pharmacy and there is a long delay in incorporating these concepts in the academic curriculum and affiliated college has to follow the curriculum approved by the University. As a result, often there is a gap between curriculum and contemporary need. Further the current employability of a graduate depends not only on sound subject knowledge but also on other soft skills and computer knowledge. Considering these requirements IQAC initiated a drive to conduct add-on courses and various Capacity building and skills enhancement programmes to enhance the employability of the graduates.

##### **2. Automation of academic activities:**

For academic activity automation college has installed dedicated software. Principals, HODs staff and students can log in with a different levels of access. The software is used to perform the following functions

1. **Managing students' attendance** - Managing Examination marks obtained by students. Communication with students regarding programme organized in the college, study materials etc.
2. **Conducting online examination** - Report generation on attendance, examination results, topic coverage etc.

3. **Automation of Library** - The library is partially automated with the KOHA Software.
4. **Syllabus coverage review** - All teaching staff maintains record work done statement detailing the topics covered and the same is reviewed by HODs
5. **Students attendance review** - A monthly review of students' attendance is done by the respective teacher and a report mentioning the Shortfall in attendance of any student is submitted to the course coordinator for corrective action. The College Software LINWAYS has made the process simple wherein monthly attendance statement can be obtained.
6. **Examination results review** - The results of the examination, both sessional and University, are analyzed by the examination committee and the report is submitted to the Principal. Based on the report slow learners are identified and made to appear for the synopsis test during Lab hours
7. **Review of educational outcome** - The main thrust of NCHS five years perspective plan 2017 – 2022 is to establish a quality system and Introduce outcome-based education. The programme is being strengthened gradually and recently constituted IQAC has taken charge of the programme.
8. The library is partially automated with is the KOHA ERP in the month of March 2020.

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); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)/ membership of international networks**
3. **Participation in NIRF**
4. **any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

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

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

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

##### Response:

Gender equity practice in Nirmala College of Health Science ensures equal participation for boys and girls in all committees. For the facilitation of women has established Women Empowerment cell which includes teaching, non-teaching staffs and student representatives from each batch.

The college has provided several facilities for the promotion of women within the campus which ensures the safety and security for students. The safety system includes CCTV at the entrance of the campus and in all the stories especially corridors which are regularly monitored by the representative person. The college has strong security personnel in the campus to create a secure enrolment. Unwanted entry and exit of the personnel is restricted at the entrance. The college also provides medical facilities in case of health issues. In related with primary health support, separate rest room for girls and boys as well as first aid kit with over the counter medicines is available in the campus.

The counselling and mentor mentee system help them in shaping their behavior and tackling day-to-day problems there by achieving their goals. An app (Nirbhayam app) is also downloaded in the mobile of girls so as to ensure there security while travelling. Several programs have been conducted inside and outside the campus for the empowerment of women like Women's day celebrations, workshop on self-defense, webinar and seminar related with breast cancer etc.

The college had a history of conducting various National and international commemorative days, events and festivals as a regular routine. These days help the students to make awareness about the nationally and internationally important days, create awareness of global problems etc.

Celebrations provide an opportunity to indulge in non-academic activities, to bond and break the eyes with each other. It deepens the peer relationships and brings the student closer to the staff, making everyone feeling like a family. This bond will eventually make students perform in the academics. Most importantly, festival celebrations will develop the student's communication skills and help them to interact with individuals with other communities. As a part of this, Nirmala College of Health Science is regularly celebrating different festivals like Onam celebrations, Christmas celebrations etc.

Gender equity practice in Nirmala College of Health Science ensures equal participation for boys and girls in all committees. For the facilitation of women has established Women Empowerment cell which includes teaching, non-teaching staffs and student representatives from each batch.

The college has provided several facilities for the promotion of women within the campus which ensures the safety and security for students. The safety system includes CCTV at the entrance of the campus and in all the stories especially corridors which are regularly monitored by the representative person. The college

has strong security personnel in the campus to create a secure enrolment. Unwanted entry and exit of the personnel is restricted at the entrance. The college also provides medical facilities in case of health issues. In related with primary health support, separate rest room for girls and boys as well as first aid kit with over the counter medicines is available in the campus.

The counselling and mentor mentee system help them in shaping their behavior and tackling day-to-day problems there by achieving their goals. An app (Nirbhayam app) is also downloaded in the mobile of girls so as to ensure there security while travelling. Several programs have been conducted inside and outside the campus for the empowerment of women like Women's day celebrations, workshop on self-defense, webinar and seminar related with breast cancer etc.

The college had a history of conducting various National and international commemorative days, events and festivals as a regular routine. These days help the students to make awareness about the nationally and internationally important days, create awareness of global problems etc.

Celebrations provide an opportunity to indulge in non-academic activities, to bond and break the eyes with each other. It deepens the peer relationships and brings the student closer to the staff, making everyone feeling like a family. This bond will eventually make students perform in the academics. Most importantly, festival celebrations will develop the student's communication skills and help them to interact with individuals with other communities. As a part of this, Nirmala College of Health Science is regularly celebrating different festivals like Onam celebrations, Christmas celebrations etc.

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

File Description	Document
Upload supporting document	<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

File Description	Document
Upload supporting document	<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 diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**

**Response:**

Nirmala College of Health Science provides an equitable, rationale and encouraging environment to students to grow to full of their capacity. The student expose to the venture of clubs and associations encourage the students to take part in co-curricular and extra-curricular activities the various clubs which are active in the college promote the entire development of the students and faculties within the campus. This include Nature club, Scientific Club, Health club and Cultural club.

Nature club of NCHS plays a role in maintaining green environment of the college. Scientific club coordinates activities selected with scientific workshops and seminars. Health club of NCHS are engaged with the health promotion activities within the campus. Blood donation camp and free Medical camp are also conducted within the campus. Arts Fest of the college is mainly co-ordinated for uplifting the inborn talents of the students in every year.

NCHS family also sticks on to various constitutional obligations and for promoting this various programs are conducted which include a session on professional ethics for staffs, vigilance awareness week, Human rights day celebration & Human rights day.

NCHS also plays a great role in promoting patriotism within the Nirmalites by celebrating our Nations Republic Day and Independence Day every year.

The cultural harmony of NCHS is also highlighted at the time of various festivals of 'Gods on country' like Onam, Christmas etc.

Nirmala College of Health Science provides an equitable, rationale and encouraging environment to students to grow to full of their capacity. The student expose to the venture of clubs and associations encourage the students to take part in co-curricular and extra-curricular activities the various clubs which are active in the college promote the entire development of the students and faculties within the campus. This include Nature club, Scientific Club, Health club and Cultural club.

Nature club of NCHS plays a role in maintaining green environment of the college. Scientific club coordinates activities selected with scientific workshops and seminars. Health club of NCHS are engaged

with the health promotion activities within the campus. Blood donation camp and free Medical camp are also conducted within the campus. Arts Fest of the college is mainly co-ordinated for uplifting the inborn talents of the students in every year.

NCHS family also sticks on to various constitutional obligations and for promoting this various programs are conducted which include a session on professional ethics for staffs, vigilance awareness week, Human rights day celebration & Human rights day.

NCHS also plays a great role in promoting patriotism within the Nirmalites by celebrating our Nations Republic Day and Independence Day every year.

The cultural harmony of NCHS is also highlighted at the time of various festivals of 'Gods on country' like Onam, Christmas etc.

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:

#### 7.2.1: Best practices

##### 1. Women Empowerment Activities

#### Objective of the practice

- 1.To raise the awareness about Women's rights, gender equalities, women's role in society.
- 2.Increase opportunities of professional and personal development of women through the provision of support skills.
- 3.To prevent women and young girls from all types of discrimination and violence within the society and community.

#### Intended outcome

1. Women can empower themselves to determine their value in the society and chances to bring a shift in their status.
- 2.To increase the responsibility of individuals to make choices.
- 3.To increase the spiritual, social, educational, gender and professional strength of individuals.
- 4.To provide health and hygiene awareness to students in the campus.

- 5.To encourage women to develop in their field and make a career.
- 6.To ensure the safety and security of women both inside and outside the campus.

### **Context**

- 1.Gender discrimination is a big barrier and is common in society.
- 2.Women are not free to express their opinion on anything.
- 3.Lack of education, self-confidence, health and hygiene awareness.
- 4.Lack of safety measures.

### **Underlying practices**

**Women empowerment** refers to make women powerful by encouraging them capable of deciding for themselves. The teaching and non-teaching staff as well as the student has a prominent number of women enrollments.

### **Women Empowerment Cell (WEC)**

WEC is designed to empower women socially, economically, politically and legally with a focus on promoting decision making. As a part of WEC the institution has organized various events and activities for women empowerment and to create an environment to realize their full potential.

### **Counseling**

Counselling for girl students is in practice with professional counselors and mentors in the campus to promote the emotional status, social and behavioral needs together with create friendly environment to help each one of them with different approaches

### **Common room and Rest room**

The college provides separate common room and rest room with all the facilities for ladies. First aid box with Over The Counter drugs, band aids, bandage, cotton, sanitizes etc. are available for students. Sanitary napkins are also provided from the college if needed.

### **Women Promotion activities**

Nirmala College of Health Science conducted several women promotion activities to empower the women in the campus. Some of the activities conducted include International Women's Day, Workshop on Self-defense for women, several seminars and webinars related with women's health and hygiene. Our college also provided Zumba classes for ladies which give physical and mental health benefits. As a part of Onam celebrations 2022, a "Mega Thiruvathira" was performed for women staff as well as the students of Nirmala institutions which highlights the unity and coordination of Nirmalites.

### **Maternity leave benefits**

College provides maternity leave for all the lady staffs.

### **Feasible working hours**

College provides feasible working hours for ladies staffs and if any extension in working hours happens the members are provided with secure transportation by the management.

### **Safety and Security**

For the safety and security of students, teaching and non-teaching staffs, the institution has installed CCTVs throughout the campus. Also a security personal has been appointed by the management to ensure safety and security of the campus. It is mandatory for the staff and students to keep their identity card while inside the campus.

### **Evidence of success**

- The student's team co-ordination, leadership skills and presentation skills has improved a lot.
- Women facilitation activities conducted through NSS in association with FHC, Poolany empowered the women of Meloor gramapanchayath.
- The awareness about health and introduction of modern menstrual hygiene materials to women and adolescent girls were a new experience for the residents gathered.
- The feedback form taken from the resident ladies on International Women's Day clearly interpret the success of the program.

### **Problem Encountered and Resource required**

- Considering the involvement of the public, only residential ladies can participate in these events. These were not able to be utilized by the working women in this locality.

### **Best Practice 2**

#### **Health support to the society**

#### **Objectives of the practice**

1. To plan and evaluate health programs.
2. To obtain new information about disease/health problems.
3. To develop health awareness among the public.
4. To make the public aware of the importance of healthful environment.
5. To support the public by contributing various health and hygiene products.

#### **Context**

1. As our college is located in a rural area; the public is illiterate and unaware of the health and hygiene to be maintained daily.
2. Though educated the public is ignorant regarding the importance of keeping healthy environment.
3. In the current scenario the booming influence of drugs, alcohol and tobacco products take away the life of public including younger generation.

#### **The Practice**

1. Activities are conducted by the Pharmacy students in association with the Primary Health Centre,

Meloor Gramapanchayath.

2. Faculties are also assigned to give proper guidance to the students in preparing charts and presentations according to the need.
3. Awareness programs are conducted in the nearby schools to make the students conscious about the illicit habits.
4. Different surveys are conducted by students to assure the utilization of vaccination provided by the government and also to find out the possibility of a particular disease in the locality.
5. The environmental promotion activities are also done including plantation drive, cleaning of locality and public places.

### **Evidence of Success**

As a part of these activities, the students developed skills to interact with the public which in turn help the public to lead a healthy life. The Polio Vaccination survey reports collected by our students helped the PHC to list out the missed vaccination. Cancer survey done by the students also supported the PHC in finding out suspected community. The students support the mass monsoon cleaning program coordinated by the Meloor Gramapanchayath which helped to reduce the prevalence of contagious diseases. The students also took several awareness classes regarding

### **Problem Encountered and Resource required**

- Tightly packed semester schedules sometimes hold us in conducting different activities to its full extent.

### **7.2.1: Best practices**

#### **1. Women Empowerment Activities**

#### **Objective of the practice**

1. To raise the awareness about Women's rights, gender equalities, women's role in society.
2. Increase opportunities of professional and personal development of women through the provision of support skills.
3. To prevent women and young girls from all types of discrimination and violence within the society and community.

#### **Intended outcome**

1. Women can empower themselves to determine their value in the society and chances to bring a shift in their status.
2. To increase the responsibility of individuals to make choices.
3. To increase the spiritual, social, educational, gender and professional strength of individuals.
4. To provide health and hygiene awareness to students in the campus.
5. To encourage women to develop in their field and make a career.
6. To ensure the safety and security of women both inside and outside the campus.

### **Context**

1. Gender discrimination is a big barrier and is common in society.
2. Women are not free to express their opinion on anything.
3. Lack of education, self-confidence, health and hygiene awareness.
4. Lack of safety measures.

### **Underlying practices**

**Women empowerment** refers to make women powerful by encouraging them capable of deciding for themselves. The teaching and non-teaching staff as well as the student has a prominent number of women enrollments.

### **Women Empowerment Cell (WEC)**

WEC is designed to empower women socially, economically, politically and legally with a focus on promoting decision making. As a part of WEC the institution has organized various events and activities for women empowerment and to create an environment to realize their full potential.

### **Counseling**

Counselling for girl students is in practice with professional counselors and mentors in the campus to promote the emotional status, social and behavioral needs together with create friendly environment to help each one of them with different approaches

### **Common room and Rest room**

The college provides separate common room and rest room with all the facilities for ladies. First aid box with Over The Counter drugs, band aids, bandage, cotton, sanitizes etc. are available for students. Sanitary napkins are also provided from the college if needed.

### **Women Promotion activities**

Nirmala College of Health Science conducted several women promotion activities to empower the women in the campus. Some of the activities conducted include International Women's Day, Workshop on Self-defense for women, several seminars and webinars related with women's health and hygiene. Our college also provided Zumba classes for ladies which give physical and mental health benefits. As a part of Onam celebrations 2022, a "Mega Thiruvathira" was performed for women staff as well as the students of Nirmala institutions which highlights the unity and coordination of Nirmalites.

### **Maternity leave benefits**

College provides maternity leave for all the lady staffs.

### **Feasible working hours**

College provides feasible working hours for ladies staffs and if any extension in working hours happens the members are provided with secure transportation by the management.

### **Safety and Security**

For the safety and security of students, teaching and non-teaching staffs, the institution has installed CCTVs throughout the campus. Also a security personal has been appointed by the management to ensure safety and security of the campus. It is mandatory for the staff and students to keep their identity card while inside the campus.

### **Evidence of success**

- The student's team co-ordination, leadership skills and presentation skills has improved a lot.
- Women facilitation activities conducted through NSS in association with FHC, Poolany empowered the women of Meloor gramapanchayath.
- The awareness about health and introduction of modern menstrual hygiene materials to women and adolescent girls were a new experience for the residents gathered.
- The feedback form taken from the resident ladies on International Women's Day clearly interpret the success of the program.

### **Problem Encountered and Resource required**

- Considering the involvement of the public, only residential ladies can participate in these events. These were not able to be utilized by the working women in this locality.

### **Best Practice 2**

#### **Health support to the society**

#### **Objectives of the practice**

- 1.To plan and evaluate health programs.
- 2.To obtain new information about disease/health problems.
- 3.To develop health awareness among the public.
- 4.To make the public aware of the importance of healthful environment.
- 5.To support the public by contributing various health and hygiene products.

#### **Context**

- 1.As our college is located in a rural area; the public is illiterate and unaware of the health and hygiene to be maintained daily.
- 2.Though educated the public is ignorant regarding the importance of keeping healthy environment.
- 3.In the current scenario the booming influence of drugs, alcohol and tobacco products take away the life of public including younger generation.

#### **The Practice**

- 1.Activities are conducted by the Pharmcy students in association with the Primary Health Centre, Meloor Gramapanchayath.
- 2.Faculties are also assigned to give proper guidance to the students in preparing charts and presentations according to the need.
- 3.Awareness programs are conducted in the nearby schools to make the students conscious about the illicit habits.

4. Different surveys are conducted by students to assure the utilization of vaccination provided by the government and also to find out the possibility of a particular disease in the locality.
5. The environmental promotion activities are also done including plantation drive, cleaning of locality and public places.

### Evidence of Success

As a part of these activities, the students developed skills to interact with the public which in turn help the public to lead a healthy life. The Polio Vaccination survey reports collected by our students helped the PHC to list out the missed vaccination. Cancer survey done by the students also supported the PHC in finding out suspected community. The students support the mass monsoon cleaning program coordinated by the Meloor Gramapanchayath which helped to reduce the prevalence of contagious diseases. The students also took several awareness classes regarding

### Problem Encountered and Resource required

- Tightly packed semester schedules sometimes hold us in conducting different activities to its full extent.

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

#### “Holistic Development of Nirmalites”

Nirmala College of Health Sciences was established in 2016 with a strong drive to provide a leading edge in among prospective graduates in the domain of pharmacy. The institution metamorphosed in a few years' time and started spreading its wings to the changing facets of the society. The institution augmented and aligned with the neo-foundational principle of Nirmala Institution - 'Education beyond textbooks'. Nirmala College of Health Sciences, under its esteemed leadership of the principal and the management, firmly believes in the holistic development of the student.

Academics and research are the primary areas of focus for Nirmala College of Health sciences. The institution is a proud member of the Manthan Portal. The Manthan, which is a joint venture of the Principle Scientific advisor and Ministry of electronics, is a platform that promotes collaboration at scale between industry and the scientific research and development ecosystem. This platform aims to empower various

stakeholders to scale up the interactions with researchers/innovators and facilitate R&D/innovation, share challenges focused on emerging technologies, other scientific interventions, as well as those with a social impact. The platform aids Nirmala College of Health Sciences to avail various research opportunities available in the research ecosystem of India

The institution also plays a key role in enhancing the existing academic coursework. In order to facilitate the same the institution organizes various academic discourses in both online and offline modes. While organizing these scientific deliberations, special care is taken by the exclusive team of NCHS to cover multifarious domains of pharmacy. NCHS had recently conducted a workshop on molecular docking, which introduced the computer-aided pharma world to the students. Students were also exposed to stem-cells aided research in pharma sector. In light of the increased prevalence of non-communicable diseases like cancer, special booster sessions were organized. NCHS firmly believes that these academic discourses would bring greater understanding of the topic to the student and would help them receive more perspectives than the data from textbooks.

Along with its footprint in various research platforms like Manthan, the college has played a key role in enhancing the research acumen of the students. The institution has formed small research groups various courses to facilitate the purpose. The members of the research group are exposed to various steps that will aid their career in research. The students pursuing the final year in B. Pharm must perform an internship for duration of a month. Conventionally, the students prefer to perform the same in a pharmacy. However, the students of the research groups are given specialized trainings, which will help them land in a research internship. In the previous academic year, 6 students (out of 12) were selected for one-month long research internship at various CSIR or TIFR or institutions funded by central government. Anakha Varghese, 4th year B.Pharm student is one such student who performed her research internship at National Centre for Biological Sciences at Bangalore, India. She worked on the molecular mechanism of the neural behavior of Bees in a controlled environment.

The students of the research group were further exposed to the fascinating world of science when the selected cohort had a one-day visit to Indian Council for Agricultural Research – Central Institute for Fisheries Technology (ICAR-CIFT). The students were exposed to various cutting edge technologies along with multiple spill-off application of the fisheries industry to pharmaceutical sciences. The students were given special sessions to make research portfolios. These research groups were given information regarding various internships and workshops. One of the recent announcements of the same was regarding a workshop at IISER, Pune on molecular biology

In order to achieve a practical exposure to the literature from the textbooks, the students are given special assistance to visit various research and development labs and pharmaceutical industries of the country. The students are exposed to a well-crafted four year schedule, which ensures an industrial visit or a lab visit based on the curriculum of each semester. Students are exposed to various cutting edge research stations including ICAR-CIFT, KAU etc and pharma industries including Care Keralam, Sincum Pharmaceuticals and so on

The vibrant campus takes utmost care in hosting some best minds of the nation. In the yesteryear, the institution had hosted Dr. Shashi Tharoor MP for a student interaction event nicknamed – ‘Conversations at Nirmala’. Prior to the latest venture of Nirmala, the institution had ‘Chai Project’ – a consortium of events wherein an optimum amalgam of veteran and the neo artists performed and talked in a week long gala on the facets of the globe around us. NCHS had also welcomed Mr. Sufiyan Ahmed IAS for one of its flagship events, wherein the Assistant Collector motivated and proved to the students that the sky is not the

limit. NCHS also enjoys partnering with the sister organizations at the campus in hosting and celebrating events. EMERGE'22 –15 days long academic discourse, is one such flagship association, wherein various eminent speakers from globally reputed institutions like World Bank, WEF, and Imperial School and so on were present. The organization also welcomes key talks by senior officials of leading MNCs for we believe that these sessions would result in optimum blend of information regarding academic and managerial skills to the budding pharma-entrepreneur. NCHS had also extended its services to the Diet clinic of Nirmala College of Arts and Science.

The institution also believes in the mental well-being of the students and organizes various activities to support the cause. The organization witnesses mega yoga day celebration on June 5 every year. In the previous quarter, a day was dedicated to welcome the fresher's. The event baptised as 'Hola Nirmalites' also witnessed a mesmerizing performance by 'Tirumali' - one of the leading DJs of the state. The institution also hosts all major festivals and enjoys the strong notion of secular sustainability

### **“Holistic Development of Nirmalites”**

Nirmala College of Health Sciences was established in 2016 with a strong drive to provide a leading edge in among prospective graduates in the domain of pharmacy. The institution metamorphosed in a few years' time and started spreading its wings to the changing facets of the society. The institution augmented and aligned with the neo-foundational principle of Nirmala Institution - 'Education beyond textbooks'. Nirmala College of Health Sciences, under its esteemed leadership of the principal and the management, firmly believes in the holistic development of the student.

Academics and research are the primary areas of focus for Nirmala College of Health sciences. The institution is a proud member of the Manthan Portal. The Manthan, which is a joint venture of the Principle Scientific advisor and Ministry of electronics, is a platform that promotes collaboration at scale between industry and the scientific research and development ecosystem. This platform aims to empower various stakeholders to scale up the interactions with researchers/innovators and facilitate R&D/innovation, share challenges focused on emerging technologies, other scientific interventions, as well as those with a social impact. The platform aids Nirmala College of Health Sciences to avail various research opportunities available in the research ecosystem of India

The institution also plays a key role in enhancing the existing academic coursework. In order to facilitate the same the institution organizes various academic discourses in both online and offline modes. While organizing these scientific deliberations, special care is taken by the exclusive team of NCHS to cover multifarious domains of pharmacy. NCHS had recently conducted a workshop on molecular docking, which introduced the computer-aided pharma world to the students. Students were also exposed to stem-cells aided research in pharma sector. In light of the increased prevalence of non-communicable diseases like cancer, special booster sessions were organized. NCHS firmly believes that these academic discourses would bring greater understanding of the topic to the student and would help them receives more perspectives than the data from textbooks.

Along with its footprint in various research platforms like Manthan, the college have played key role in enhancing the research acumen of the students. The institution have formed small research groups various courses to facilitate the purpose. The members of the research group are exposed to various steps that will aid their career in research. The students pursuing the final year in B. Pharm must perform an internship for duration of a month. Conventionally, the students prefer to perform the same in a pharmacy. However, the students of the research groups are given specialized trainings, which will help them land in a research

internship. In the previous academic year, 6 students (out of 12) were selected for one-month long research internship at various CSIR or TIFR or institutions funded by central government. Anakha Varghese, 4th year B.Pharm student is one such student who performed her research internship at National Centre for Biological Sciences at Bangalore, India. She worked on the molecular mechanism of the neural behavior of Bees in a controlled environment.

The students of the research group were further exposed to the fascinating world of science when the selected cohort had a one-day visit to Indian Council for Agricultural Research – Central Institute for Fisheries Technology (ICAR-CIFT). The students were exposed to various cutting edge technologies along with multiple spill-off application of the fisheries industry to pharmaceutical sciences. The students were given special sessions to make research portfolios. These research groups were given information regarding various internships and workshops. One of the recent announcements of the same was regarding a workshop at IISER, Pune on molecular biology

In order to achieve a practical exposure to the literature from the textbooks, the students are given special assistance to visit various research and development labs and pharmaceutical industries of the country. The students are exposed to a well-crafted four year schedule, which ensures an industrial visit or a lab visit based on the curriculum of each semester. Students are exposed to various cutting edge research stations including ICAR-CIFT, KAU etc and pharma industries including Care Keralam, Sincum Pharmaceuticals and so on

The vibrant campus takes utmost care in hosting some best minds of the nation. In the yesteryear, the institution had hosted Dr. Shashi Tharoor MP for a student interaction event nicknamed – ‘Conversations at Nirmala’. Prior to the latest venture of Nirmala, the institution had ‘Chai Project’ – a consortium of events wherein an optimum amalgam of veteran and the neo artists performed and talked in a week long gala on the facets of the globe around us. NCHS had also welcomed Mr. Sufiyan Ahmed IAS for one of its flagship events, wherein the Assistant Collector motivated and proved to the students that the sky is not the limit. NCHS also enjoys partnering with the sister organizations at the campus in hosting and celebrating events. EMERGE’22 –15 days long academic discourse, is one such flagship association, wherein various eminent speakers from globally reputed institutions like World Bank, WEF, and Imperial School and so on were present. The organization also welcomes key talks by senior officials of leading MNCs for we believe that these sessions would result in optimum blend of information regarding academic and managerial skills to the budding pharma-entrepreneur. NCHS had also extended its services to the Diet clinic of Nirmala College of Arts and Science.

The institution also believes in the mental well-being of the students and organizes various activities to support the cause. The organization witnesses mega yoga day celebration on June 5 every year. In the previous quarter, a day was dedicated to welcome the fresher’s. The event baptised as ‘Hola Nirmalites’ also witnessed a mesmerizing performance by ‘Tirumali’- one of the leading DJs of the state. The institution also hosts all major festivals and enjoys the strong notion of secular sustainability

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

---

### **Additional Information :**

Nirmala College of Health Science is progressing towards the pathway of excellence , our PG Courses M.Pharm and Pharm.D are in pipeline. As we are in a multiinstitutional Campus staff and students are getting interdisciplinary exposures and activities are in the topnotch . Our Colloborative learnings, field visits ,industrial visitis and extension activities are really empowering students and staff

### **Concluding Remarks :**

The college has evolved uninterrupted within the short span and established itself as a leading light in Kerala becoming the center of excellence in Pharmacy Education. It becomes the foremost option for students who are interested in pursuing Pharmacy as a career. This is the co-education institution within the center to fully uphold and observe all the standards and conditions of employee and students, which has also been the First Choice for the teaching and non-teaching profession. The management always has assured that the employees receive their pay on the first of every month a decision that benefits everyone greatly. In order to meet the expectations as a whole, the institute is also careful to give only the finest, and it is working hard to fulfill its mission and vision.

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
2.1.2	<p><b>Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)</b></p> <p><b>2.1.2.1. Number of actual students admitted from the reserved categories year - wise during the last five years</b></p> <p>Answer before DVV Verification:</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>48</td><td>29</td><td>33</td><td>29</td><td>29</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>41</td><td>23</td><td>30</td><td>26</td><td>27</td></tr></table> <p><b>2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years</b></p> <p>Answer before DVV Verification:</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>48</td><td>29</td><td>33</td><td>29</td><td>29</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>48</td><td>29</td><td>33</td><td>29</td><td>29</td></tr></table> <p>Remark : Input edited as per the supportive documents.</p>	2021-22	2020-21	2019-20	2018-19	2017-18	48	29	33	29	29	2021-22	2020-21	2019-20	2018-19	2017-18	41	23	30	26	27	2021-22	2020-21	2019-20	2018-19	2017-18	48	29	33	29	29	2021-22	2020-21	2019-20	2018-19	2017-18	48	29	33	29	29
2021-22	2020-21	2019-20	2018-19	2017-18																																					
48	29	33	29	29																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
41	23	30	26	27																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
48	29	33	29	29																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					
48	29	33	29	29																																					
2.4.2	<p><b>Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)</b></p> <p><b>2.4.2.1. Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years</b></p> <p>Answer before DVV Verification:</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>2</td><td>4</td><td>2</td><td>4</td><td>2</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	2021-22	2020-21	2019-20	2018-19	2017-18	2	4	2	4	2	2021-22	2020-21	2019-20	2018-19	2017-18																									
2021-22	2020-21	2019-20	2018-19	2017-18																																					
2	4	2	4	2																																					
2021-22	2020-21	2019-20	2018-19	2017-18																																					

6	5	4	3	2
---	---	---	---	---

Remark : Input edited as per the supporting documents.

**5.1.4 The Institution has a transparent mechanism for timely 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**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : Input edited as per the supporting documents.

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
25	26	0	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
25	26	0	0	0

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
44	51	0	0	0

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
43	36	0	0	0

Remark : Input edited as per the supporting documents.

**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)**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
37	07	16	16	15

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
22	07	10	13	13

Remark : Input edited as per the supporting documents

**2.Extended Profile Deviations****Extended Profile Deviations**

No Deviations