



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

KARNATAKA COLLEGE OF PHARMACY

**NO 33/2 THIRUMENAHALLI, HEGDE NAGAR MAIN ROAD
560064**

www.karnatakacollegeofpharmacy.com

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Karnataka Education Trust was founded by Prof. Basavaraj Ramnaal in the year 2003 with the virtuous objective of bringing educational institutions in the fields of Medical & Paramedical, Engineering, Arts & Science and Management. Within the short span of time KET has established the dynamic and vibrant academic world of Karnataka College Group of Institutions to experience the environment that emphasizes on interaction, innovation and interdisciplinary approach to education.

Karnataka College Group of Institutions:

- Karnataka College of Pharmacy
- Karnataka College of Nursing
- Karnataka College of Management
- Karnataka College of Management & Sciences
- Karnataka College of LAW
- Karnataka School of Nursing
- Karnataka college of Allied Health sciences
- Karnataka college of paramedical sciences
- Karnataka Composite PU College
- Karnataka Public school

Karnataka College of Pharmacy was established in the year 2004 and is recognised by Govt of Karnataka, affiliated to Rajiv Gandhi University of Health Sciences, Karnataka and approved by Pharmacy Council of India, New Delhi. The Institute has Memorandum of Understanding with Bangalore Baptist Hospital, Bangalore to train the students in the field of clinical and Hospital Pharmacy.

The institute is located at 33/2, Thirumenahalli, R.K Hegde nagar main road, Bangalore 560 064 and the college campus is spread over an area of around 2 Acres which includes 7,000 sq metres of built up area with all the teaching- learning facilities.

The institution aims at making pharmacy professionals to be an integral part of the society through the community service, research and innovation, and emphasises to encourage and empower young aspirant students to face the advanced programs and carriers in pharmacy to cater the needs of the society in health care sector.

Karnataka College of Pharmacy is offering programs of B. Pharmacy, Pharm. D, Pharm. D (Post Baccalaureate), and M. Pharmacy with specialisations of Pharmaceutics, Pharmacology, Pharmaceutical Analysis and Industrial Pharmacy.

Supplementary Curriculum enrichment Programs such as Certificate Programs have been offered by the Institution so as to provide academic flexibility

In order to excel and promote the culture of holistic education, the institution organises various curricular, extra-curricular events like conferences, seminars, workshop, guest lectures, national and international festivals.

Vision

Vision

To be the leading academic center for innovative interdisciplinary research and excellence in pharmacy education, patient care, service to the community in India. Further enhance its position of international pre-eminence especially in pharmaceutical research and education.

Mission

Mission

Dedicated: To educate, train and provide life-long learning opportunities for students and faculties.

Disseminate: And applying new knowledge based on research in the pharmaceutical, biomedical and clinical sciences.

Develop: in our students a sense of social, personal, spiritual and professional values and enable them to have successful career.

Our Guiding Principles [Goals]

Professionalism: Promote values, integrity, responsibility and leadership and provide the tools for decision-making in practice and research.

Excellence: Strive for excellence in all we do.

Advance: Advance in value innovation, provide resources, infrastructure and knowledge to promote discovery.

Collaboration: Explore creative partnerships to advance education, research and practice both locally and globally.

Ethics: Promote good ethical practices.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

The Management trustees and Members of governing body are experienced academicians and eminent administrators who always committed towards quality and social consciousness. They supports in all aspects and activities happening in the institution to enhance the quality of education.

Because of the Good working environment and facilities provided, the staff retention is high and many staff members are continued in service since inception of the institute including Principal which resulted the quality teaching and effective involvement of staff in various institutional committees and growth of the institute. The

core strength of institute is having qualified and experienced staff with great commitment towards their profession and research.

The students and institution is ready to transform the global challenges into opportunities to achieve all excellence and to create educational model institute.

KCP has an active IQAC Cell plays an important central role in monitoring, augmentation, implementation and sustenance of the overall quality of the institution.

Mentor-Mentee system paves the way of nurturing, imparting educational and Extra-curricular information to students effectively. This system has an immense & profound positive effect on the students.

There is a vibrant Institutional Research Committee that encourages and supports research activities to the students and faculty of KCP.

The institute has placement cell consistently provides platform to meet the various needs of students for employability. The students are placed through the on campus and off campus interviews.

The institute has an active Alumni association and the members are loyal supporters.

The institute has well equipped, dedicated research laboratories with sophisticated instruments enabling quality research.

The Library of KCP includes well lit reading hall, stakes, display area, e-Library, and study carrels. The library has adequate collections of volumes of books and manuscripts, good collection of rare books with back volumes. The wireless internet in the libraries provides internet connectivity even for the reader's laptops. Also it has collections of printed, E-Journals and important database, access to university library platform of HELINET to students and faculty

Institutional Weakness

1. Being an affiliated institute, the autonomy for admission of students from other states and international students is available to a limited extent.
2. Constraint exists in exploring avenues for upgrading the curricula while working within the framework of the PCI and the affiliating University.

Institutional Opportunity

1. KCP is located in a prime geographic location, in Silicon Valley & garden city of Bangalore. This presents ample opportunities for regular collaborative interactions, visits to several Pharma and allied industries for industrial consultancy projects and collaborative/ Industry-sponsored projects for mutual good in national and international Level.
2. The highly experienced faculty, renowned for their achievements can facilitate the introduction of a variety of short-term certificate courses, industry-relevant programs in offline, online and blended modes.

3. The digitalization and automation of the learning resource center, Library, would enable better management of the vast knowledge resources.

4. To promote research in niche areas such as animal cell culture, new drug delivery systems, as institute has animal cell culture lab, sophisticated equipment's would assist in the establishment of Center of Excellence.

Institutional Challenge

1. At KCP, the quality research has been translated into high-impact research publications; however, the need of the hour is the promotion of research initiatives that can be translated from idea to market is a great challenging.

2. To attract PG students for innovative, path breaking research endeavors and enrollment of full time Ph. D scholars is a big task.

3. Research grants from funding agencies have been below par and it is a financial constraint to carry out quality research by the self financing institute.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Karnataka College of Pharmacy (KCP) is affiliated to Rajiv Gandhi University of Health Sciences (RGUHS), Karnataka, approved by Pharmacy Council of India.

RGUHS frames the regulations for all the programmes in respect of curricular aspects and revise periodically. The regulations framed are subject to modifications from time to time by Pharmacy Council of India.

The institution strictly followed to curricular planning and implementation through effective program delivery which includes educational operating procedure, yearly educational activities like academic calendar, educational Timetable, well outlined CO's, PO's, known identified gaps.

Guidelines for course file preparation, schedule for continuous internal evaluation and is distributed to all stakeholders. All the faculty members adhere strictly to academic regulation/procedures; specific committees of the institute will persistently monitor the activities. The faculty members are regularly participate in curriculum revision, curriculum development, curriculum enrichment and for assessment work at university level.

The institute is adhered to choice and credit based curriculum/elective course system of the affiliating university. At KCP the academic flexibility is achieved through value-added / Add-on courses conducted on skill enhancement initiatives for enhancing student's employability or entrepreneurship, where majority of students get hold of benefits. Choice Based Credit System is adhered for maximum programs that facilitate the students' needs in selecting the elective subjects.

The effective curriculum enrichment is attained by implementing teaching & learning process using ICT tools,

and effective execution of various platforms like MS Teams and You Tube Channels. In addition to academics and research, the college also integrates cross-cutting issues like, Gender, Human values, Environment, professional ethics and sustainability through initiatives like Expert lectures, Workshops, along with extension and outreach activities through active NSS unit of KCP. The curriculum enrichment is also achieved through experiential learning where maximum students are participated in project work, field work, Internships, laboratories and Industrial visits etc. The other activities like Guest lectures, training sessions, seminars, workshops are regularly organised to inculcate research attitude and keep them abreast with latest industrial developments. The effectiveness of all these activities is regularly monitored by structured feedback system on curriculum, from the students, teachers, and alumni where feedbacks are collected, analysed and action taken reports are made available to all stakeholders for continuous improvement in the quality of education. Concerns on curriculum aspects, will be communicated to Board of Studies, RGUHS.

Teaching-learning and Evaluation

Admissions to all programs are done through a centralized admission process. KCP adheres to the norms of the Government of Karnataka and RGUHS based on merit and as per applicable reservation policy for various categories of the students. The students admitted are diverse but cohesive group of students from across the country and also foreign nationals; the average enrolment of students is more than 95 % of the sanctioned intake. The Institution maintained student- full time teacher ratio as per the norms of apex bodies. A student-centred learning approach is adopted with student induction program.

Catering to student diversity, the institution assesses the learning levels of the students in terms of Classroom Assessment Techniques, language proficiency, through performance, and motivation level etc. Slow learners and advanced learners are identified; slow learners are monitored by Muddiest Point assessment technique and given special attention, while fast learners are provided ample opportunities to enhance their capabilities and professional knowledge.

A wide range of ICT tools are adopted by the faculty blended with conventional teaching which facilitate an effective teaching-learning environment. The campus is Wi-Fi enabled. ZOOM / MS Teams / You tube channel platforms are used effectively for the teaching learning process.

Each faculty acts as mentor to students during study period for guidance related to academics, personal development and career advancement etc.

The college management sanctions the required full time teachers, as per the apex body norms in terms of number and staff position. The faculty comprises a blend of acclaimed, seniors out of which more than 40 % holds PhD and relatively young enthusiastic teachers. The faculty are committed to improving their professional knowledge and competence.

The conduct of internal assessment and evaluation of is done as per the norms of RGUHS. The valued scripts are shown to students along with feedback on their performance. The institute has transparent and robust effective redressal mechanism to address the issues concerned to internal assessment. The external examination grievances were addressed from time to time in accordance with RGUHS Examination Norms.

The programme and course outcomes of all programs are adopted in internal assessments evaluation process. Attainment of programme outcomes and course outcomes are evaluated by taking into the consideration of student's performance in the University examinations and securing state level ranks. The attainment of CO's

and PO's shall be implemented from the academic year 2022-2023

Research, Innovations and Extension

The institute lays much importance towards research, innovation and extension which enhances the teaching and learning process. Faculties those who are not holding Ph.D qualification are encouraged to pursue the degree on deputation or part-time basis. The Institute is recognised as post graduate research centre and 23 teachers are recognized as research guides. Five professors from various departments are recognised Ph.D. guides and two students have been awarded Ph.D. degrees and eight scholars are perusing Ph. D in the last five years.

Students of the Masters' program in five areas of pharmaceutical sciences undertake research in cross-functional areas. Around 400 PG students have been graduated in the last five years.

The research activities at college support researchers to undertake novel research projects and extend incubation facilities for their ideas to transform into product.

To facilitate research and to promote the spirit of entrepreneurship amongst its stakeholders the college conducts training programs such as scientific conferences, workshops, and seminars related to research methodologies, entrepreneurship development, and IPR. Faculty members and students applied for research grants to the various funding agencies and many of them from all the departments received the research grants from the affiliated university.

The innovation and research orientation of students and faculty members is clearly evident from the publications, patents, books/chapters authored, consultancy projects carried out. The institute has research projects grants received (Around Rs 70 lakhs) from various funding agencies. The developed innovation ecosystem has resulted around 100 research publications, 4 books authored, 01patent granted and 2 patents published during last five years.

In addition to research and innovation, extension activities are very crucial for holistic development of students making them a person with, values, ethics, integrity and sense of responsibilities towards society.

The institution has very active NSS unit (RGUHS), More than 95% of students were actively participated in extension and outreach Programmes conducted by the institution such as Swachh Bharat, awareness about dengue, malaria, TB, HIV/AIDS, organ donation, blood donation, water conservation, tree plantation etc.

As on date the institute has 10 functional MOU's with reputed companies and CROs have facilitated collaborative working in the areas research, faculty exchange/internship of pharmaceutical research.

Infrastructure and Learning Resources

Karnataka College of Pharmacy is situated within the Bangalore accessible from various parts of the city. Institute has four storey building with built up area of around 70,000 sq. ft with lush green lawns and trees spread over in 2 acres of land.

The institute has well designed administrative block and various teaching and other facilities for students. Class

rooms (17 Nos.), seminar halls and auditorium are well furnished and equipped with ICT enabled tools, internet and Wi-Fi. Laboratories (20 Nos.) are well equipped with instruments of market leading brands worth more than Rs. 2.0 corers. College has machine room, sophisticated central instrumentation facility, and aseptic laboratory designed as per GMP guidelines along with CPCSEA approved animal house, , medicinal plant garden for academic and research activities.

Library has area of 2500 sft and consists of stacking area, reading hall, journal section, reference section and digital library. It is well stocked with 8794 print books with 1485 titles, 1732 reference books and 252 bound volumes of periodicals. In addition to subscribed journals, e-resources like science direct, elsevier, proquest (RGUHS HELINET), micromedex and mobile app like Lexicomp for drug data base are made available to students and faculties. Library services are fully computerized with all features of library management system using Libsoft software and OPAC system.

The Institute has a well-defined policy, protocols and budget for the maintenance of physical, IT, academic and learning resources facilities. Institute has separate AMCs for the maintenance of various sophisticated instruments and IT facilities.

ICT resources are strengthened with all the class rooms, write-right subscription for language laboratory and experimental software laboratory. Total 82 computers of latest configurations (1:10 Computers to Students ratio) are available and are connected with LAN and installed with network security. Dedicated Lease line of 100Mbps bandwidth and Wi-Fi networking is available.

Adequate infrastructure is provided for co-curricular and extra-curricular activities such as cultural, sports, games (indoor, outdoor in five acres of land), gymnasium, yoga etc.

College provides medical facilities with assistance of Nurse and also has safety facilities like first aid boxes, fire alarm and fire extinguishers, and 24X7 CCTV surveillance. Campus is equipped with uninterrupted power supply through generator and UPS backup.

Student Support and Progression

The KCP is striving towards assuring excellence in pharmaceutical education to serve the needs of diverse learning community and provides necessary support enabling students to acquire enriched learning experiences and to facilitate their holistic development. To achieve this students get support like financial assistance, coaching for slow learners & for competitive examinations, training for placement and timely redressal of grievances. The underprivileged students get scholarships from government, non-government organizations, and by the college management. Government schemes include Minority scholarship, E-Pass, PMSSS, fellowship to GPAT qualified students, post metric scholarship etc.

Career guidance regarding various competitive examinations is made available to the students at Placement and Counselling Cell. As a result the students are benefited in getting admission for higher studies; qualify in competitive examinations and so on. Significant number of students qualified in GPAT examination every year.

KCP has provided ample of opportunities and encouragements for sports and cultural activities in the campus to students so that they can develop their sports skill and cultural performance. KCP supports the students to participate in national /state level meets and few of them secured the medals.

KCP has an active alumni association inaugurated as “**Alumni Association of Karnataka College of Pharmacy (AAKCP)**”. This Alumni Association, registered as non-profit association under Bangalore, Karnataka, was sculpted in the year **2012**.

The objectives of alumni association include supporting the fresh graduates and present students in developing their career, acting in a way to raise the image and profile of their alma mater and assisting the scientific, educational, and extracurricular and development activities. KCP has significant contribution from its Alumni in terms of participating in all activities of the association, Job placements and financial contribution.

Governance, Leadership and Management

KCP has well-defined vision to meet the up-to-date requirements and well-structured blueprint as the mission of the institution. Students are facilitated with beneficial academic environment and training social awareness, sense of involvement, ethical values and moral values are the basic principles to realise the stated Mission and Vision. In order to cherish mission of KCP has well balanced organizational set up and five years perspective plan for development.

KCP supports the culture of decentralized and participative management at the functional level, strategic level and operational level. All activities are carried by respective empowered committees which have been constituted involving all the teaching staffs, representatives from students, parents, and alumni wherever essential.

KCP has well defined strategic plan to perform its activities in a systematic manner. The institution is a self-financed organisation, has well planned established procedures for optimal utilisation of finance, allocation of financial and mobilisation of resources. The institute ensures transparency in financial management by regular internal and external audit.

The KCP management strongly supports and motivates staff members through various staff welfare measures, financial support to participate and organise in conferences, workshops etc.

KCP follows a sensible appraisal system for the performance of teaching staff and non-teaching staff. Self-appraisal is a successful appraisal system to improve one's fulfilment by providing a mean for self-examination and Teacher self-appraisal is done routinely every academic year. Student Feedback on teachers is collected, analysed and communicated to the staff members, through which they can improve their performance.

Non-teaching staff performance is evaluated by the teaching staff and respected HODs.

KCP has an active and dynamic internal quality assurance Cell (IQAC) for assuring quality education in academic and administrative functioning of the institute. The contribution of IQAC in value addition to enhance the quality education in various processes and functions of the institute. The regular meeting systematically reviews all technical, quality and administrative aspects. The administration is decentralized and effectively planned through the institute committee's framework.

Implementation of Certificate Programs, ICT Tools, Course plan, Lesson plan, Mentor Mentee system and structured feedback analysis are some of the significant initiatives of IQAC. Since inception of IQAC, there is incremental improvements in all domains of institutional growth.

Institutional Values and Best Practices

KCP continuously sustain to inculcate professional and social values in all stakeholders and imbibe these values in all aspects of its functioning. In order to achieve this, the KCP is continuously involved and engaged to acclimatize students towards professional ethics, environment awareness, gender equality, and social responsibilities.

The institute is having green campus with numerous trees which are maintained using water conserved by rain water harvesting and also adopted green practices such as use of LED lights and making campus a plastic free zone. Regular green audits on environment and energy are undertaken to ensure environmental measures. Students are encouraged to use bicycles or public transport to reduce the air pollution in the college premises. This has discouraged the commute and restricted the entry of vehicles in the campus. Disposal of biomedical waste and e-waste is ensured with the help of BBMP.

The institute observes commemorative days to inculcate patriotism and social harmony. The college organizes various programmes to promote gender equality through active internal compliance committee to prevent harassment of students. The institute has mentoring policy wherein the students' personal or academic related problems are addressed through the assigned mentor. The college has efficient policy on Code of Conduct for students as well as teaching and non-teaching staff for their safety ensured through vigilance of security personnel and CCTV cameras. The college provides desired facilities to divyangjan which includes lift, ramp, disabled friendly washrooms, display boards, tactile path and signboards etc.

To cater maximum facilitation to students, college has implemented best practices such as 'The Student and Faculty Exchange Program' to achieve excellence in higher education and 'UG grants program' to create a research friendly environment for promoting more students to participate in research.

Distinctiveness of Karnataka College of Pharmacy is, it welcomes students from all walks of life and special attention towards international students.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	KARNATAKA COLLEGE OF PHARMACY
Address	No 33/2 Thirumenahalli, Hegde Nagar Main Road
City	BANGALORE
State	Karnataka
Pin	560064
Website	www.karnatakacollegeofpharmacy.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	K Ramesh	080-29736814	9964352002	-	kcpnaac22@gmail.com
IQAC / CIQA coordinator	C Sreedhar	080-28571544	9845493530	-	kcpiqac2022@gmail.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	
Date of establishment of the college	08-07-2004

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Karnataka	Rajiv Gandhi University of Health Sciences	View Document

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	View Document	30-07-2021	24	All the programs are approved

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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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	No 33/2 Thirumenahalli, Hegde Nagar Main Road	Urban	2.25	9735

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	Intermediate	English	100	100
PG	Pharm D, Pharmacy	72	Intermediate	English	30	28
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	4
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	13
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	4
PG	Pharm D, Pharmacy	36	B.Pharmacy	English	10	7
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	9

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	6				7				32			
Recruited	4	2	0	6	1	6	0	7	16	16	0	32
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	6				7				32			
Recruited	4	2	0	6	1	6	0	7	16	0	16	32
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				20
Recruited	17	3	0	20
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				20
Recruited	17	3	0	20
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				4
Recruited	4	0	0	4
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				4
Recruited	4	0	0	4
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	2	0	1	6	0	0	0	0	13
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	16	16	0	32
UG	0	0	0	0	0	0	0	0	0	0

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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	2	0	4
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		Total
	0	0	0	0	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	75	73	0	87	235
	Female	74	30	0	28	132
	Others	0	0	0	0	0
PG	Male	39	54	0	44	137
	Female	43	40	0	26	109
	Others	0	0	0	0	0
Certificate / Awareness	Male	110	124	0	118	352
	Female	112	56	0	48	216
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	5	5	7	5
	Female	2	2	4	2
	Others	0	0	0	0
ST	Male	3	2	5	6
	Female	2	5	5	2
	Others	0	0	0	0
OBC	Male	41	45	31	37
	Female	35	34	17	21
	Others	0	0	0	0
General	Male	55	75	64	86
	Female	22	32	34	30
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		165	200	167	189

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>KET has established the dynamic and vibrant academic world of Karnataka College Group of Institutions to experience the environment that emphasizes on interaction, innovation and interdisciplinary approach to education in the field of Pharmacy, Nursing, paramedical sciences, Allied Health science, Management & Sciences and LAW. In KCP offer flexible and innovative curriculum that includes credit-based courses for B.Pharm, M.Pharm Programs and Pharm.D Program with yearly pattern and Lateral entry into 2 year B.Pharm and 4th year Pharm.D [P.B], specialised in the areas of pharmacy practice service towards the attainment of a holistic and multidisciplinary education. Being an affiliated</p>
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	<p>institution under aegis of RGUHS and PCI (Prescribes the syllabus), there is very less flexibility available to innovate directly within the curriculum, however through the UG and PG project activities, students are being encouraged to participate in courses are on hand ventures involving social and community related topic so that they inculcate the ethics of public service profession of pharmacy. To be on a par with the evolving knowledge we have add-on certificate courses, as an enrichment program, besides the regular curriculum. With the help of sister concern institutes in various disciplines the institute have plans to hold Multidisciplinary research Currently, the limitation imposed by the Apex Body (PCI) prohibits it from opening any other streams, however, as new vistas are being opened through the NEP 2020.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>KCP not yet registered for National Academic Depository (NAD) as it is not a degree granting / autonomous institution, as RGUHS is our affiliating university is a member of NAD and it maintain and stores all ABC related data of all students in NAD. KCP already in tied up with foreign collaboration for students and teachers exchange programs. The faculties are totally at liberty to choose pedagogy and all available facilities including ICT explore those avenues. The library at KCP provides a wide range of text and reference books, periodical, research journals, Helinet E-Journals made available to students and faculties. However being an affiliated institution under approval of Apex body there is less option changing curricular aspects. Though it is intended that near future as outcome of NEP 2020 the scenario is going to change.</p>
<p>3. Skill development:</p>	<p>The Skill development program at KCP strengthen the students to perform particular activity in expertise manner can know as skills. KCP regularly organised the various skill development programs like workshop, seminar, and hands on training, guest lecture, Industrial Visits, scientific ethics, IPR activities, Psychomotor Skills, life skills, internal research, extension activities, leadership skills, communication skills, time management, decision making, adoptability and Etc. for holistic development. Recently, as a part of the B. Pharmacy curriculum, Practice school has been introduced in the 7th semester and the institute has taken its liberty</p>

	to train and enhance the skill through the projects and assignments.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>Since the official language of content delivery is English as per statutory requirements, but practically, in order to percolate the desired knowledge to the students coming from diverse students population background, the faculty regularly resorts to local languages (particularly, Kannada and Hindi) as and when required in an informal manner and foreign students were using the Language Translator Devices, during pandemic online classes were conducted as per directions of the RGUHS in addition this KCP also conducted online (MS Teams)/offline mode certificate courses. This helps to attain the ultimate aim of putting the topics in perspective. Hopefully, with NEP 2020, and country-wide motivation to write books in vernacular languages, in future sufficient terminology and academic resources will be available to officially teach in mother tongue of the students. Classroom delivery in bilingual mode is already being done and no special training is as such required. However, there is deficiency of quality academic resources and underdeveloped scientific terminology in the field of Pharmacy at present. With the help such resources it becomes easier for the faculty and students to implement bilingual content delivery. Officially, there is no such course being taught in Indian regional languages. We believe there is a strong need to revive our ancient knowledge stemming from Charaka and Sushruta, as well as various tribal and other traditional sources, though the major hurdle is the lack of competency in Sanskrit, old Tamil and other ancient languages among the modern learners. From the ancient research on ethno pharmacological ancestries of medicine, students and faculty are able to understand old drugs and medicines described or inherent in local cultures. KCP has the Medicinal Garden, which is a wealth trove of traditional knowledge, if appropriately explored. The plants were labelled with local names along with scientific names are put on their labels for interesting minds to explore further. This led the students to impart vital information of herbs and plants as rooted in our ancient Ayurvedic system.</p>
5. Focus on Outcome based education (OBE):	KCP has implemented OBE system from the academic year 2017-2018 from then the preparations

	<p>of outcomes is the continuous process. Institution adopted programme outcomes for all the program of B.pahrm, M.Pharm and Pharm.D. The development of course outcome (CO's), program outcomes (PO'S) is a continuous process consisting of brain storming of the faculties and students. The prepared CO's, PO'S aligning with the core subjects as mentioned syllabus by the university. The developed PO's, CO's are disseminated to stake holders and teachers. This Outcome based education through the concepts of PO's, CO's mapping in internals assessment</p>
<p>6. Distance education/online education:</p>	<p>As distance education is not applicable in pharmacy programs, since the pharmacy education in country is regulated by the PCI and it ensures uniform implementation of the education standards throughout the country by approving the courses of study and examination for qualifying registration for pharmacist. The dual degree programme proposed by NEP 2020 facilitates the students to pursue two degrees simultaneously in physical and online modes. Institute has plans to encourage the students to avail the facility by online mode. The College has developed robust online education delivery system and the faculty are well conversant now with online mode of content delivery. The faculties were utilised multiple online mode by using You tube channel, Zoom and MS Teams Platforms to educate students effectively. The exploitation of ICT tools have enabled better content delivery, utilisation of LMS system during the pandemic has helped both faculty and student to get familiarised with these modern tools and evolved their own pedagogy for better teaching learning process. The Covid era has taught about the utilisation of various tools to use in online learning. The college efficiently managed content delivery of seven programs in both synchronous and asynchronous mode. Provided autonomy, the college shall definitely excel in Online and Distant Learning Courses in near future.</p>

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
219	204	211	180	152
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
7	7	7	7	7

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
579	638	656	570	580
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
63	60	57	60	60

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
93	151	183	129	144

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
45	46	47	45	40

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
45	45	45	45	40

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 19**4.2****Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
90.57	147.8	165.6	151.9	155.1

4.3**Number of Computers****Response: 82**

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

The college follows a defined set of action plans for effective implementation of the Curriculum designed and revised by the Pharmacy Council of India and RGUHS Board of studies guidelines, for both UG and PG programs. The designed curriculum has program outcomes, course objectives and a detailed syllabus. The Academic Council, consisting of Principal, Head of Department and subject experts monitor the effective implementation of the curriculum.

Before commencement of Curriculum, a meeting is conducted with the HODs of all Departments in which various strategies and academic plans for the upcoming academic year are discussed. Every HOD conducts internal department meetings with faculty members of their departments and plan the academic calendar for the semester/year which includes subject and workload distribution, Guest/Expert lectures, Industrial visits Seminar, workshops, planning of technical events, assigning Teacher guardians (Mentors) & Class Coordinators. Various faculty members and Committees are assigned to monitor the smooth functioning of academics, examinations, library etc. The timetables and Academic calendar for the year is distributed to the faculty by the principal at the start of the academic year. Course and lesson plans are prepared by the faculty based on the curriculum and course objectives which help to keep the track of completion of subjects.

During the curriculum, syllabus coverage is periodically monitored by the HODs and the Principal. Faculty maintains a record of the class work done and monthly student attendance. Students having less attendance are shortlisted, warned and if needed, communicated to parents. Study material for the prescribed syllabus is prepared by the faculty members and distributed it to the students for the Academic preparation. Class tests and internal exams (Sessional) are periodically conducted as per curriculum to evaluate student performance. Remedial classes are conducted for weak students. Advanced learners are also encouraged to give seminars, quiz, poster presentation and given guidance for competitive exams such as GPAT. Apart from this, student-centric teaching methods and innovative teaching techniques like use of E-learning methods, quiz, use of models, group discussion on various topics makes the process rewarding. The Library Committee reviews the purchase of books and required learning materials.

At the end of the curriculum, student feedback is collected, submitted to the academic Committee and the IQAC looks after the feedback. Mock orals are conducted for students in labs for preparation of exams. For effectively translating the curriculum and improving teaching practice, the University regularly organizes Refresher courses, Orientation programs and workshops. The faculty of the department can discuss issues or problems, if any, while participating in the meetings of the Board of Studies. Teachers receive the support needed for improving teaching practices and outcome-based education. As per the RGUHS university guidelines, the college encourages teachers to participate in the orientation/refresher courses/workshops/seminars and so on organized by Academic Staff Colleges and other institutions to update their knowledge and teaching practices.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Karnataka College of Pharmacy, Bangalore is affiliated to the Rajiv Gandhi University of Health Sciences (RGUHS), Bangalore. The University generates an Academic calendar at the beginning of every academic year. The Academic Committee of the College also prepares an academic calendar of events based on the university calendar keeping in mind the working days and scheduled holidays. Tentative dates are scheduled for various academic events such as internal assessment, sessional examinations, practical exam, seminars, guest lecturers, workshops, technical seminars, industrial visits, medical camps, Parent Teacher Meetings, Sports Days, Cultural Day, Fresher's Day, Graduation and Farewell Days, final working day of semester and year systems of both Undergraduate and Postgraduate courses. Once the tentative schedule is prepared, it is finalised by the various committees of the College, i.e., the Academic Committee and the Program committees for both Under Graduate and Post Graduate courses.

The approved Calendar of events of the College is then distributed to all the staffs and students. The tentative calendar is notified on the college notice boards and website. The academic calendar is distributed to the teachers who then prepare the course plans, lesson plans and timetable for the respective UG and PG courses. These are then distributed to the students for the proper compliance. All extra-curricular activities of the college are also planned around the academic calendar of events.

As per the University guidelines, the Continuous Internal evaluation (CIE) is done as per the University scheme. As per the prerogative of the individual teachers, an average of any two academic activities (e.g., quiz, assignment, seminar, group discussion) is conducted (during tutorial hours or other free hours) and completed a week before the Sessional exams. Two Sessional exams are conducted for each Theory (30 marks each and computed for 15)/Practical course (conducted for 40 marks and computed for 10 marks) as per the schedule in the academic calendar. The question papers are prepared in sets of 2 by subject teachers and submitted to the respective HOD's who then forward it to the Internal assessment committee who pick one for the exam. The Sessional exam marks are sent by the respective subject teachers to the class teachers. These scores are then sent to the Sessional committee for credit scoring according to the University guidelines for B Pharm. Once it is evaluated, the results are intimated to the students by the subject teachers.

Internal assessments are conducted after around 10 days of schedule preparation. Students are given the results within a week of the exams and students who do not perform well are put into remedial classes. Remedial classes are conducted for each subject for 15 days and assessment test is conducted at the end of the class. This whole process of conduct of exams and remedial classes are overseen by the IQAC committee.

Before internal assessments or special exams are conducted, preparatory examinations are either taken

orally or in written format along with revision classes to help the students prepare properly. Library facilities helps the students to search in depth and also go through the old university examination question papers.

Thus, the institution adheres to the Academic Calendar including the conduct of the Continuous internal evaluation.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 71.43

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 5

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 32

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2020-21	2019-20	2018-19	2017-18	2016-17
6	6	6	7	7

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 76.61

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
399	459	432	506	508

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

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:

Gender

The curriculum has various subjects that inculcate knowledge in relation to gender, environment and sustainability, Human values, and professional Ethics on this topic. Human Anatomy and Physiology deals with facets of gender. Social and Preventive Pharmacy deals with various social issues that describe the gender-based schemes and programmes available to the public. Subjects such as Therapeutic Drug Monitoring, Biopharmaceutics and Pharmacokinetics, Pharmacotherapeutics teach the students about the importance of gender when it comes to posology and administration.

Apart from subjects, we have also conducted seminars on personal hygiene, PCOS and its misconceptions and health issues in young women for both students and non-teaching staff. Seminar on the Beti Bachao Beti Padao Andolan and Scholarships for the same were also conducted for the non-teaching staff.

Environment & Sustainability

Activities on the occasion of World Environment Day on June 5th by the NSS unit such as planting trees, cleaning the college and hostel premises were conducted where the students actively participated. Paper bag making competition was conducted to create awareness among the students to decrease the use of plastics. Sustainable use of paper bags will help to ease the environmental pollution levels. Zero Emission Day on September 21st was celebrated by encouraging students and staff alike to practice car pooling whenever possible. Students were advised on the benefits of using public transportation to commute to and from college. Zero Emission Day highlighted the need to save fossil fuels and to use them responsibly. Awareness campaigns like sustainable use of energy and prevention of pollution were conducted.

Human Values

The Women's cell at Karnataka College of Pharmacy has organised screening programs for Cancers in association with Cytecare Hospitals, Bangalore. Educational Programmes have been conducted for the non-teaching staff such as classes on Uterine Health and Hygiene, Diabetes Mellitus and its symptoms. Cancer awareness classes and awareness campaigns are conducted periodically to educate the non-teaching staff on identifying the signs and symptoms and timely diagnosis. Blood donation camps are organised regularly in association with the NSS Unit. In the past few years, sensitivity to disability has been a topic of focus. A blind walk was organised by the NSS Unit and subsequently an eye donation seminar and campaign were also conducted.

Professional Ethics

Most of the Pharmacy courses such as Bachelor of Pharmacy and Doctor of Pharmacy have subjects of Jurisprudence that deals with the legal and ethical aspects of the pharmaceutical profession. All of the Master of Pharmacy subjects have a specific unit on Validation. The Doctor of Pharmacy Programme has a course that discusses the Code of Professional Ethics. It gives an idea to all the students on the proper code of conduct and the ethical guidelines of the profession.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 46.8

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
100	103	103	75	72

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)**Response:** 46.29**1.3.3.1 Number of students undertaking project work/field work / internships**

Response: 268

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System**1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni****Response:** B. Any 3 of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

- 1.Feedback collected, analysed and action taken and feedback available on website
- 2.Feedback collected, analysed and action has been taken
- 3.Feedback collected and analysed
- 4.Feedback collected
5. Feedback not collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 85.38

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

2020-21	2019-20	2018-19	2017-18	2016-17
199	166	189	167	172

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
210	195	210	210	222

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 34.96

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

2020-21	2019-20	2018-19	2017-18	2016-17
28	27	23	08	19

File Description	Document
Average percentage of seats filled against seats reserved	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

Karnataka college of pharmacy assesses the learning levels of students and organizes various programs for slow and advanced learners.

The students admitted to our institution are from India and abroad. The students are provided ample opportunities to showcase their talents through various activities both in academics and extracurricular. The institution organizes various programs for different categories of students.

Process of identification

Advanced and slow learners are categorized based on marks scored by the students. The concerned subject teachers and the class teacher take the necessary actions for the same.

The advanced and slow learners were identified by their

1. Regular attendance to the class.
2. Performance in the classroom and examinations conducted at regular intervals throughout the year/semester.
3. Active participation in the class and departmental activities.
4. Winning prizes in co-curricular and extracurricular activities.

Slow Learners

The identification of slow learners is done by the subject teacher by muddiest technique and also based on the personal interactions with the student.

Based on the Mentor mentee policy, Mentors take extra care by giving proper counseling and motivating the students to active participation in the academic activities, which helps them to improve and increase their confidence levels to encounter the problems in learning. Based on their academic performance, remedial classes were conducted.

Study materials will be provided to the slow learners for the subjects in which they require improvement.

Question banks are prepared by the teacher for their respective subjects especially two marks questions with the answers and circulated. Daily writing practice sessions, unit tests and assignments are conducted to know the progress of slow learners periodically. The concerned faculty will guide and help them. The entire process will be monitored by the Class Teacher. All the above methods were followed to improve their results.

Advanced Learners

Advanced learners are continuously encouraged to strive for higher goals by providing them with additional inputs for their better career planning and growth.

Advanced learners are encouraged to enhance their presentation skills by delivering seminars on subject/general topics during seminar hours according to their interests.

Advanced learners are encouraged to participate in seminars and conferences, present research papers at the conferences. They are also assisted to showcase their talents in writing research papers and review articles.

Advanced learners were encouraged to participate actively in NIPER, GRE, IELTS, TOEFL, academic club activities, elocution competition, quiz competition, debates and training through certificate courses. The institution offers Special coaching classes for competitive exams GPAT, PG-CET.

The institution provides the opportunity to access latest online journals, reference materials which helps them to understand the emerging trends, developing their creativity in organizing cultural, literary, technical, sports competitions and appreciates the students participation in intercollegiate and State level competitions.

Appointing them as student representatives at the department-level committees to develop leadership skills

Continuous monitoring and evaluation of the students are done to check their regular activities in this regard.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 13:1

File Description	Document
Any additional information	View Document

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

Response:

The institute takes various measures for the teaching and learning process to make it student-centric.

As per the academic calendar of RGUHS, the academic committee of the institute formulates calendar of events and circulates to students and faculty which is strictly followed.

Before the commencement of new academic session, meeting is held with an agenda "how to improve the drawback of the previous academic session. The faculty can give preference for the subject of concern. The principal along with HODs finalizes the subjects for the faculty. Committee prepares the timetable based on the syllabus and the same is approved and circulated.

During the academic year, the institute also plans for extra and co-curricular activities (sports, cultural and literary), Founder's Day, Graduation day, Fresher's day and College day including National day celebrations.

Participative learning

Participative learning encourages students to improve their knowledge and understanding of the concepts in a better way and helps students to find their gaps. This helps the students to take effective steps in problem-solving, create, communicate, and discuss ideas in better ways. The various participative learning methods are as follows:

- Group discussion
- Participative games (pick and speak on the topic etc...)
- Skits and plays
- Descriptive Visual images
- Classroom debates

Experiential Learning

Experiential learning makes students to be engaged in activities to understand the course content. Along with the experimental activities that take place in the classrooms, students are also assigned projects that occur outside the classrooms where the concepts will be integrated in a better way into the students' lives. The students will be having exposure in various ways like:

- Conducting experiments or viva
- Roleplay or simulated experiments
- Internship/Apprenticeship
- Student seminars
- Journal clubs
- Field visit

Problem-Solving methodologies

The problem-solving methodologies learning provides, opportunities to identify and tackle complex, multifaceted problems in both small groups and on their own. In this regard, teachers help the students by guiding them, giving some ideas in taking up their responsibilities at various levels. The various measures include detecting, identifying, assessing and solving the problems by the analytical, intellectual and investigative approach to the student which will be thoroughly facilitated by the faculty.

Procedure for problem-solving:

Procedure	Focused component
Group formation	Organization of groups
Problem detection and identification	Identifying the facts, ideas, learning issues and action plans
Idea generation	
Learning issues	
Self-directed learning	
Formation and application	Working on action plans
Reflection and feedback	Result analysis

Project-based learning

All the PG, Pharm.D and Final year B.Pharm students were guided by the Teachers of their respective Departments in completion of project work in stipulated time.

Students were also guided by their respective guides in various activities like student seminars, internships, university grant projects, use of ICT-enabled teaching, digital library and online videos.

Pharm.D students were guided adequately by the faculty to analyze the case studies and to meet the patient compliance with both bedside and out-patient.

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Karnataka College of Pharmacy has adopted various strategies for applying various techniques in academics. Along with the traditional classroom setup it has been proposed to take steps for transition into an e-classroom. Steps initiated include uploading the PowerPoint presentations and e-learning resources onto the college website.

As a part of innovations in teaching-learning processes, institution utilizes the following innovative tools.

Library

A digital library is available and students can access the facility up to 5 pm every day. Computers with internet facilities are available in the library.

E-books, e-journals, educational software, CDs and DVDs in the library increase the teaching-learning materials.

Using HELINET facility by the RGUHS for retrieving resources from e-journals and e-books in the field of health sciences.

The computer lab with an adequate number of computers and internet facilities is available for e-learning and can be accessed by all the staff and students.

The students are also encouraged to enroll in MOOCs offered by NPTEL and to refer to Swayam and Shodhaganga for supplementary learning.

The main sources of information used are Wikipedia, Pub Med, Google Scholars, Pub Chem Protein Data Bank, Full access to Science Direct, Drugdex, IBM Micromedex for education and research purpose.

LCD facilities are available in all classrooms. Other resources like e-journals and periodicals can be downloaded and used to aid the teaching/learning process.

The college has a few steps for the transition from traditional classrooms into an e-learning environment,

1. Adopted the ICT method.
2. Virtual labs.
3. Online attendance and mark entry record
4. Wi-Fi is enabled throughout the campus.
5. The faculty members use MS Teams for the online platform (conducting of online classes, class tests, submission of assignments, circulation of notices to the students)
6. The faculty use video recorded teaching from the web, recorded video lectures of the faculty are uploaded to KCP Live Lecture YouTube channel for the future referral by the students.

Due to the outset of the Pandemic, the teachers and students were given special training for the use of MS Teams, Zoom Meetings, KCP Live Lecture YouTube Channel for online classes. Teachers effectively make use of audio-visual aids to make learning a satisfying experience.

Virtual labs for pharmacological screening is available for the faculty to teach on drug effects.

Virtual demonstrations of the working principle of instruments are shown as videos, wherever applicable.

PharmD students are given sufficient training in ward round participation, enable them to carry out clinical practice under the guidance of doctors at Bangalore Baptist Hospital and trained in using the softwares like Lexicomp and IBM Micromedex Drug Reference.

Interaction sessions like virtual/In-person seminars, guest lectures, and workshops are given by experts from industries, foreign universities and boards.

Faculty members are appreciated to Carry out research activities and Ph.D. programs.

However, the institution will adapt to the new era of education and information resources to implement the best practices of Innovative and Creative Teaching.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 13:1

2.3.3.1 Number of mentors

Response: 45

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 101.33

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with 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: 26.26

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

2020-21	2019-20	2018-19	2017-18	2016-17
17	13	12	10	7

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 11.56

2.4.3.1 Total experience of full-time teachers

Response: 520

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

Karnataka College of Pharmacy is affiliated with Rajiv Gandhi University of Health Sciences (RGUHS) and strictly adheres to the rules and regulations for the assessment and evaluation process. The student's performance is evaluated through Summative assessment and CIE. As per RGUHS guidelines, the institution prepares calendar of events stating the dates for commencement of classes, sessional, tentative university exam and last working day.

The university prescribed syllabus is divided equally for each sessional. The pattern of the sessional question paper is an abridged version of the university exam question paper, which comprises long essay (10 marks), short essay (05 marks) and short answer (02 marks) questions. The internal examinations have maximum allotted marks of 30 each for the RS4 pattern and duration 1.5 hours.

A sessional committee is constituted to conduct and monitor the internal examination. The committee

prepares and notifies the dates for internal exams from time to time via circulars and the timetable is displayed on the notice board fifteen days before the internal examination.

This helps in the transparency of the dates announcements to the students for their preparation for internal exams well in advance.

- The principal ensures the sessional exams are held smoothly.
- Any grievance reported by the student is sorted out by the committee.

Three sessional exams for theory and 2 for practicals are conducted for B.Pharm, M.Pharm year pattern and pharm D.

Internal examinations are conducted on specially printed booklets

Invigilator dairy is generated by the class teacher, the attendance is captured by the invigilator with student signature, absentee's are marked absent on the invigilator dairy in the examination hall..

CCTV cameras are set up in the examination hall.

Two sets of question papers for each sessional exam per subject will be prepared and submitted to the sessional committee before 3 days by the subject teacher and the committee chairman will select one out of it for the conduct of sessional exams to make it more robust and transparent.

A group comprising of a principal and a senior professor visits the examination during the conduct of exam.

The results of theory and practical internal examinations are declared within 10 days after the last exam and displayed on the notice board.

The answer scripts of internal examinations are shown to the students after evaluation to bring out the discrepancies, if any, to the notice of the teacher concerned, and the necessary corrections were made.

Internal theory and practical examination booklets will be handed over to the sessional committee by the staff at the end of the academic year.

Two sessional examinations are conducted for B.Pharm and M.Pharm students per semester from the academic year 2017-18 onwards, as the curriculum was changed from RS4 (year pattern) to RS5 (semester pattern).

15% of marks for theory examinations & 5% marks for the attendance, 10% marks for daily assessment and 10% marks for practicals internal examination.

The college has developed an effective mechanism to ensure greater transparency in the evaluation system.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

Karnataka College of Pharmacy adheres to the rules and regulations of Rajiv Gandhi University of Health Sciences. The conduct of the examination and the evaluation as per the regulations of the university.

Pre-examination processes – Timetable generation, hall ticket, student list generation, invigilators, squads, university observers, attendance sheet, online payment gateway, online transmission of questions and marks, etc.

Thirty days before the commencement of the university examination the RGUHS will notify the timetable and the same is displayed on notice board. Hall ticket, student list generation and online payment gateway are also intimated to the college by the university. The invigilators for the conduct of examination are made by the institution as per the guidelines of the university. University appoints the chief superintendent, deputy chief superintendent, observer, sitting and flying squads to check the conduct of the examination.

The internal assessment test schedules are prepared and communicated to the students well in advance.

- To ensure the proper conduct of sessional exam, invigilators are assigned.
- Evaluation is done by respective subject teachers and the corrected booklets are distributed to the students for verification, if any grievance is found redressed immediately.
- The marks obtained by the students in each internal assessment are displayed on the notice board.
- The IA marks are uploaded on the university web portal along with their attendance before university examination.
- Parents are informed about their ward's performance through SMS and Mail. Retests for the Internal Assessment are conducted for Students who remain absent for internal exams due to genuine reasons.

Institutional level

The institution gives internal assessment marks to the students. To avoid bias and favoring the students in providing IA marks the institution conducts two/three (semester/year wise) sessional exams the average of the best two is taken into consideration. The students are also evaluated through continuous assessment through seminars and communication skills.

If any discrepancies in the paper are discussed and rectified by the respective faculty. If the students are not satisfied, they can give a written application or approach directly to the class teacher/examination in charge regarding grievances which is rectified by the concerned faculty and it is duly intimated to the student.

University Level

After the publication of the result, if any discrepancies are found, the student is entitled to apply for re-valuation/re-totalling in theory subjects by paying the prescribed fee to the university (as per the old scheme)

At present, there is a provision of getting the photocopy of the answer sheet and re-totalling within seven days of publication of examination results by the University. They can submit applications to the university registrar through the principal if they have any grievances concerning evaluations like retotalling and photo copy of answer booklets. The subject experts in the respective subjects will review the answer scripts and give their suggestions regarding the student's grievances to the examination board and the same is intimated to the respective student and college.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

Karnataka College of Pharmacy offers undergraduate and postgraduate courses. The teachers and students are cognizant about the contents, scope, and competencies expected in respective courses. Teachers make every effort to deliver the content in a planned manner and students are aware about the standard and timelines in the course they have enrolled for. Being a constituent college of RGUHS follows the syllabus prescribed by the University. Presently, both CBCS (Choice Based Credit System) and LOCF (Learning Outcomes based Curriculum Framework) are followed by the institution, for which Program Outcomes (POs), Course Outcomes (COs) are documented in the approved syllabus. Further, to achieve this target, following steps are taken.

- Learning outcomes form an integral part of college vision, mission and objectives.
- The learning objectives are communicated through various means such as college prospectus.
- College prospectus containing programs and courses offered by the college is provided to the applicants while seeking admission in our college.
- A Helpdesk is constituted in college at the time of admission to enable students to seek assistance while making a final decision about the course..
- Principal address to students and parents. Subject experts (teachers) and senior students are called during admission to counsel applicants towards skill oriented and value-based courses.
- These are also prominently featured on college boards, college magazine and other publications brought during conferences and seminars.
- Respective departments also call for Departmental Orientation, so that students get familiar with the subjects they will be learning throughout their graduation and post-graduation.
- Students are made aware of the course specific outcomes through orientation programme,

classroom discussion, expert lectures and practical's.

- For the successful accomplishment of POs and COs, teachers are encouraged to attend workshops, conferences, FDPs (Faculty development Program) to update their knowledge and skills.
- The college deputed teachers for workshops, seminars, conferences and FDPs to enrich them to attain the outcomes while teaching learning in the classes.
- Teachers actively participate in workshops on revision of syllabus organized by the university.
- Successful alumni students are also invited to interact with both students and teachers at specific events and meetings where they share how their individual course shaped their career thus helping existing students align better with the specified course outcomes.
- Students are frequently exposed to co-curricular activities like arranging industrial visits, guest lecturers of industrial experts and project work to complement the achievement of learning outcomes.
- Students are frequently exposed to soft skills and employability skills by arranging lectures on personality development and communication skills.
- Students have been given academic flexibility to participate in collaborative projects of interdisciplinary nature.
- To equip students with employability skills, post graduate students are also motivated and encouraged to undertake quality projects of industrial relevance to publish their research finding in reputed national and international journals.

File Description	Document
Upload any additional information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Karnataka College of Pharmacy Bangalore-64 has adopted outcome-based education mechanism to ensure the attainment of course out comes and programme outcomes. The objective and outcomes are properly mapped fortesting and evaluation of students so that PSO's are attained through the competencymappinginterms ofknowledgeandskills.

- At the beginning of every semester/year, the subject teacher conveys Course Objectives (CO) at the introductory part of respective subjects. CO attainment level is set for the program and courses based on the continuous internal assessment examinations.
- Before commencement of the new academic year, faculty meetings are conducted where decisions on innovative teaching learning are deliberated.
- The copies of the syllabi are kept in the department. It is distributed beginning of the semester/year to the students. However, the student can download the syllabus from the Website of Rajeev Gandhi University of Health Sciences.
- Further, the faculty of every subject explains the course objectives, evaluation pattern, marking scheme etc. to the students. It is also given in the syllabus of each subject.
- The students and teachers are provided with academic calendar wherein planning is done for the complete curriculum furnishing all the learning objectives and outcomes at different levels.
- A structured orientation program is organized to direct and align the new comers into the campus.

- Students are made aware of the course specific outcomes through orientation program, classroom discussion, expert lectures and practical.

Following are the evaluation process of PO, PSO and CO

Direct Assessment methods

- Internal Test
- Group discussion
- Laboratory performance (Termwork)
- Student projects
- Assignments
- Semester Test
- End term Theory Result

The score of this assessment is taken into account for evaluation CO's.

Indirect Assessment Methods

- Feedbacks
- Alumni survey
- Co-curricular activities
- Extracurricular activities
- Feedback mechanism is used to improve teaching learning process in outcome-based education.
- Internal assessment is the requirement of the continuous assessment and is essential for the fulfillment of the COs and PO's. There is an internal examination committee that deals with the effective implementation of the evaluation reforms regarding the attainment of course outcomes and program outcomes. The committee initiates a few steps such as Unit Tests, Field Survey, Study Tours, Practical Work, Seminars, and Internship etc.
- The mentor mentee system/Parent's teacher meetings regularly monitor's the performance of students in internal examination, viva-voce & pre-university examination.
- The participation of the students at state, national and international platforms give great impetus to develop their personality.
- Value added courses like, pedagogy of campus recruitment, Environmental studies; ensure instillation of ethics, moral values and confidence in our graduates.
- Regular gender sensitizing programs, participation in extracurricular and co-curricular activities, inter-university competitions shape the students to become model citizens.
- These are the various initiatives taken by the institution in increasing the learning levels to compete the global needs and innovations.

Attainment of PO and Cos will be carried out by the institution from the academic year 2021-2022.

File Description	Document
Upload any additional information	View Document

2.6.3 Average pass percentage of Students during last five years**Response:** 83.66**2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
103	116	105	116	101

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

2020-21	2019-20	2018-19	2017-18	2016-17
111	149	141	120	132

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey**2.7.1 Online student satisfaction survey regarding teaching learning process****Response:**

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

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, Chairs in the institution during the last five years (INR in Lakhs)

Response: 69.38

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)

2020-21	2019-20	2018-19	2017-18	2016-17
0.57	25.01	22.5	8.3	13

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

e-copies of the grant award letters for sponsored research projects / endowments

[View Document](#)

Any additional information

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 11.11

3.1.2.1 Number of teachers recognized as research guides

Response: 5

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 48

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	4	3	2	2

3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
5	5	5	5	5

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Paste link to funding agency website	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The Karnataka College of Pharmacy has developed an ecosystem which nurture the under graduate and post graduate students to identify their hidden talents and progress in their area of interest. Many of our students have succeeded in fields like research, health sector and business. The faculties of our college have shown keen interest in identifying student's capabilities and guiding them to achieve their goal.

The institute has Institutional Research Committee (IRC) to promote and to monitor research activities under the chairmanship of Dr. K. Ramesh, Director. It was constituted in February 2017. IRC encourages faculty members and students to submit research proposals to various funding agencies. Committee guides and motivates faculty and students to publish and present their research work in reputed journals /various national and international conferences. Research Committee monitor, facilitate and upgrade the facilities required for Research work. Institute also encourage the faculties to patent their research work which has resulted in three active patents from faculties. IRC periodically conduct several workshops and seminars related to publication and research methodology.

The Karnataka College of Pharmacy has well-equipped Animal cell culture laboratory, Central instrumentation room and well maintained CPCSEA approved animal house facility to facilitate students and staff members to expand their knowledge in depth up to cellular and molecular level. Pharm.D students of our institute undertake internships training in NABH Accredited multi-speciality hospital. These internships have helped them to upgrade the knowledge and skills, to manage time and to have leadership and team building capabilities

Training and Placement Cell of the institute is well in place and focus on bridging the industry academia gap. The main functions of the cell include taking efforts for collaborative activities in areas of research and training and to arrange industrial/ field visits and campus interviews.

The institute has established collaborative linkages with various organizations, and industries to strengthen and promote component of education in the institute. These linkages have benefited the students and faculty to understand the perspectives of practical and theoretical education, besides helping to enhance the visibility of the institute and to promote access of the faculty to various sophisticated infrastructural and instrumental facility to nurture an environment for promoting research activities among the faculty and students. Journal Club Program is initiated to instill research temperament among students.

A variety of seminars and workshops are organized in the college, which foster scientific temper and research culture in students. The various departments of the college increasingly encourage students for fieldwork, research work and hands-on instruments. The research methodology subject is taught by highly experienced and qualified person as per syllabus prescribed so that the concept of research is percolated in the mind of budding scientist. This has resulted in national and international publications in peer reviewed journals. The institute utilizes the interaction to identify specific areas for skill up gradation for improving the employability of the students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 8

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

2020-21	2019-20	2018-19	2017-18	2016-17
1	2	3	1	1

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years	
Response: 2	
3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years	
Response: 10	
3.3.1.2 Number of teachers recognized as guides during the last five years	
Response: 5	
File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0.76

3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
14	5	5	1	9

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.3 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: 0.9

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

2020-21	2019-20	2018-19	2017-18	2016-17
9	5	20	1	5

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

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:

3.4.1 Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development during the last five years

Karnataka College of Pharmacy, Bangalore has taken an initiative to conduct extension activities in the neighborhood community as well as in college premises for sensitizing students to social issues and for their holistic development. In order to achieve this goal of teaching students to be responsible and give them opportunities that develop character, leadership skills, The institution effectively discharges its social responsibilities and obligations in a proactive manner. The institution arouse social consciousness of the students and faculty by providing opportunities to work with and among different people by promoting various activities in the neighborhood community through women cell and National Service Scheme (NSS) unit. The Women cell regularly organizes various Health awareness and women empowerment programs, NSS committee conducts various extension and outreach programs involving all the students of B Pharm, Pharm D and M Pharm. All these Extension and outreach activities planned and organized by institution

had a big impact on students like understanding social issues in community, Requirements of community, community health, these programs are inspiration for students to have a sense of empathy for the public and also developed coordination, leadership, time management, discipline, within themselves and among the public

Programs like Covid vaccination drive, medical camps, Visiting Orphanages, Unnat Bharat Abhiyan, Immunisations, Vittiya Sakshstra Abhiyan, Home medication review, Health education camps, World Pharmacist Day were organised by NSS unit by which students had an impact of Citizenship, Social service, Sensitization on care of orphans, Village development, Medical exhibition, Health awareness in rural community, Social welfare and National wellbeing. NSS unit also organized programs like Swachata pakwada, International Yoga Day, World environmental day, Plantation, World disability day, No tobacco day, Eye donation, Blood donation, Stem cell donation showed an impact of moral accountability and a sense of belongingness among the students to encourage the neighbourhood community for their own health-related benefits.

The Institution plans for various events to be held annually in the institution through women cell thereby giving every student an opportunity for the development of their interpersonal skills and self-confidence. Women cell organized awareness programs like Anemia in adolescence, misconception and reality of PCO's, Awareness and post covid complications, Awareness of diseases like cancer, AIDS, menopause, feminine hygiene had impacted students in women safety and women health.

The institute conducted extension activities which enabled students to touch the lives of communities and environment through services which transfer Knowledge and technologies to create impact on holistic development. It makes students as socially responsible youth with high moral values. In order to sensitize students towards social issues, ethical behavior led to their personal and overall development. These programs help students in complete development of students by giving more importance for current scenario in the outside world.

File Description	Document
Upload any additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 0

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 44

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

2020-21	2019-20	2018-19	2017-18	2016-17
3	6	9	20	6

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 96.09

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
540	602	635	565	562

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 93

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
7	16	15	25	30

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 19

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5	4	2	3	5

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document
Any additional information	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

Karnataka College of Pharmacy has adequate physical infrastructure for teaching and learning. The Policy of the Institution is to seek the Professional technical consultation from the competent persons on matters of infrastructure pertaining to class rooms, laboratories, library augmentation, and it facilities. University, AICTE and PCI guidelines are also followed to create conducive ambience for proper teaching and learning. Though the facilities were created in accordance with the University/AICTE/PCI norms, the facilities are being regularly upgraded as per the requirements of the departments.

Class rooms

All the classrooms are IT enabled and provided with LCD projectors. The lecture halls can accommodate up to 100 students. Campus is Wi-Fi-enabled on which a Learning Management System(LMS) is made available, which can facilitate students to discuss academic topics, submit their assignments online, see their class notes, and study through specially designed learning resources.

Library

Library is housed in a spacious hall, and is well stacked with text books, periodicals, and reference material for advanced research and development work. HELINET is to provide to access e-resources. It remains open from 9.30 a.m. to 05.30 p.m. on all working days.

Laboratories

We have excellent laboratory facilities for carrying out teaching, research and consultancy activities in various disciplines of Pharmacology, Pharmaceutics, Pharmaceutical chemistry, Pharmacognosy, Microbiology, Pharmacy Practice and Pharmaceutical Analysis.

Cell culture research lab

Pharmacology department has a lab dedicated for cell culture based research work. This facility serves as a training lab for cell culture course work and cell culture experiments carried out by students involved in research and faculty research projects.

Central instrument lab

College has well equipped central instrument laboratory which serves a training lab for analytical experiments and for research work.

Machine room

Machine room containing various machines required for various Unit Operations simulating with Pharmaceutical Industry Unit operations.

Clinical training facility

In order to provide effective clinical training to Pharm. D and Pharm.D (PB)students, the institute is in MOU Bangalore Baptist Hospital, Bangalore, having 300 beds.

The animal house facility (Approved by CPCSEA)

The animal house facility is available to boost the teaching, training and research facilities and to meet the growing demand for high quality laboratory animals in emergent field of Experimental Pharmacology. Qualified veterinarians and technical personnel are always at hand to help carry out research and keep it in accordance with the standards established by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA).

IT Facilities

College has State of art computer labs is equipped with high-end computers connected with internet, latest system & application software and printers for students' use.

Students are allowed to use their own computer and have free access to the Internet LAN / Wi-Fi from their work place.

Auditorium /seminar hall

The college has an Auditorium and a Seminar hall equipped with the latest audio visual facilities for guest lectures, seminars, presentations, and other academic activities. Besides, college has a Board room for meetings and discussions.

File Description	Document
Upload any additional information	View Document

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

College encourages students to participate in sports, cultural and co-curricular events. Adequate budget for sports items is provided every year. Specialized coaches are appointed to train the students participating in various sports.

The sport week is organized every year in the college where the students are promoted to exhibit their talents. College also encourages the students to participate in intercollegiate and inter-university tournaments as well.

Facilities for Sports Activities:

- 1.College has a playground of 0.75 acres within the college campus. The ground has many sports facilities like basketball, volleyball, tennicoit, Kabaddi, and Netball.
- 2.College also has 5 acre playground near to college campuswith facilities to conduct sports like cricket and football and athletics.
- 3.Apart from outdoor games college has made provision for indoor games such as Table tennis, carrom, chess etc.

Facilities for promotion of Cultural Activities:

College has AC auditorium with sound system to conduct the various cultural events on regular basis.

- Every year cultural and literary event is conducted to render the students an opportunity to express in the form of art. A display of the exhibits, include, vegetable carving, rangoli, face painting, singing, dancing, fashion show and flower decoration etc.
- Every year literary events like pencil sketching, drawing, quiz, debate, elocution are conducted to render the students an opportunity to express their talent.
- Cultural activities are conducted on different occasions like fresher's day, farewell, teacher's day, National Festivals and Annual day.

Gymnasium:

The institute has an in-house gymnasium facility which the faculty and students can avail. The gymnasium has facilities like cycle, abdominal bench, Weights and Dumbbells.

Yoga:

The institute has dedicated space for Yoga and Meditation for improving mental and physical health of faculty and students. Yoga trainer is provided

Details of the facilities

Sport	Facility	Area	User rate	Year of Establishment
Chess, caroms, and table tennis	Indoor	1000 sft	15	
Basket ball	Outdoor -Playground	0.75 acres	NA	
Volley ball	within the college campus			
Throw ball				
Tennicoit				
Badminton				

Kabadi				
Football,	Outdoor- Playground	5 acres	NA	
Cricket,	Near college campus			
Athletics				
Cultural Eents	Auditorium	2500 sft	NA	
Gymnasium	Fitness centre	1000 sft	11	
Yoga	Yoga centre	3000 sft	9	

File Description	Document
Upload any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 19

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 7.67

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
3.80	18.3	4.70	15.9	13.1

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The Library's mission is to make its resources available and useful to the Karnataka College of pharmacy members and to sustain and preserve the works of knowledge and creativity for future generations. The library has a Library Committee. The function of LC is to support the functioning of the Library so that it can facilitate the library development plans by advocating the library development activities. In addition, the library committee acts as a channel of communication between the College Library and its users. The LC composition is as follows:

- Chairman: PRINCIPAL
- Secretary: Librarian
- Members: One faculty representative from each department and two student representatives. This committee plays a vital role in designing policy matters / decisions for smooth running of the Library.

Significant initiatives implemented by the library committee are:

- Open access system
- Digital library access from anywhere
- Working hours 9.30 am to 5.30 pm (on all working days, before examination days, during examination days)
- Layout of the library (lounge area for browsing and relaxed reading, IT zone for accessing e-resources):
- The Library has Stack section, Circulation Section, Periodicals section, Reference section.
- Access to the premises through adequate signage. All book cases are provided with adequate signage. Library follows open access system to book collection. To ensure safety within library, fire extinguishers are made available.
- There are **8794** Print Books with titles **1485**, reference books **1732** and **252** bound volumes of periodicals. These books are issued through Barcode enabled Libsoft automation software. There is a collection of 248 CDs in the library.

Library Software - Libsoft

Library functions are automated through the open-source software, Libsoft (ver.9.8.0), an Integrated Library Management Software. It has acquisition, cataloguing, circulation, serial modules etc. Automated reminder e-mail messages are sent to the users regarding overdue items, check in and checkout of items etc. Online Public Access Catalogue (OPAC) can be checked anywhere, in mobile too, one can log in and check individual circulation transactions and suggest a book to library.

Besides issue, return/renewal of books, various services are provided to users such as reference, e-mailing new arrivals, and Wi-Fi facility to access library catalogue and subscribed e-resources.

Name of ILMSSoftware	Libsoft
Nature of automation	Fully automated
Version	9.8.0
Year of Automation	2005

E-resources and digital library:

In addition to subscribed journals, e-resources like Science Direct, Elsevier, Pro Quest (HELINET), Micromedix and mobile app like lexcomp for drug databases are made available to the students and faculty. Links to important and authentic free, open source and public domain resources are also provided. List providing the details of subscribed e-resources displayed in the notice board of the library, labs and notice boards of all departments for the awareness of students. Dedicated systems are available in the library and computer centre to access resources. Students are allowed to use personal laptops and mobiles also in the library for academic purpose.

File Description	Document
Upload any additional information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals**
- 2.e-ShodhSindhu**
- 3.Shodhganga Membership**
- 4.e-books**
- 5.Databases**
- 6.Remote access to e-resources**

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership, Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**Response:** 807408.4**4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
822695	580970	885856	986571	760950

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year**Response:** 9.29**4.2.4.1 Number of teachers and students using library per day over last one year**

Response: 58

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure**4.3.1 Institution frequently updates its IT facilities including Wi-Fi****Response:**

The institute has always given priority for up-gradation of IT facilities. Regular updating is done in facilities at institute level as well as department level. The description of the same is provided below.

Internet Connection: The institute regularly updates the internet connection every year and currently, the

available internet bandwidth is 100 MBPS provided by BBNL (Lalitha enterprises), Bangalore and Entire campus is provided with Wi-Fi connectivity

No. of Systems and their Configuration: College has a total 82 number of computers and 61 computers are exclusively allotted for students use with the following configuration:

Place/department	Number of Computers	Processor	Hard disk in GB	Ram in GB
Administrative office	7	Intel	500	4
Principal Office	3	Intel	500	4
Library	10	Intel	500	4
Computer lab	1	Intel	500	4
	2	Intel	500	4
HoD	6	Intel	500	4
Staff	5	Intel	500	4
Labs	5	Intel	500	4

- Computer laboratory provided with internet facilities functioning from 10.00 am to 5.00 pm during working days.
- Computers are maintained by the college IT staff.
- The computers attached with equipment in the laboratory are serviced regularly.

The Institute provides technological and information resources to staff and students. Technological and information resources are accessed and utilized in an ethical manner. All users of technological and information resources adhere to high moral, legal, and professional standards. The institution acknowledges its responsibility to all faculty, staff, and students to provide a safe and healthy technical environment for work and study.

The college has well equipped infrastructure in terms of hardware and software facilities to use ICT solutions in pharmacy.

Basic Software installed

- Windows 7
- Windows XP
- Microsoft Office
- Chem sketch
- Pharmacology experiments simulations

Internet security

- Kaspersky Antivirus

Updation of IT facilities

- Upgrading of IT is seen in teaching learning process as all the class rooms were provided with LCD and Wi-Fi.
- Computer Operating system was updated from windows Xp to windows 7

- Microsoft office was updated from version 7 to version 10
- Wi-fi was updated from 50 mbps to 100 mbps

Content writing

The institute has subscribed Write Right to enrich students with knowledge of communicative skills in English, and content writing which helps them in publication of research articles.

Online Lectures: The institute has licensed versions of Microsoft Office Suite (Microsoft Teams) via which the online lectures from April 2020 till date are being conducted. Every student and faculty are given an ID for the same.

File Description	Document
Upload any additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 7:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. 250 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average 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: 93.23

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)

2020-21	2019-20	2018-19	2017-18	2016-17
86.8	136	161	136	142

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

The institute has Purchasing and Maintenance Committee with members from various departments with well-defined responsibilities. The committee lays down the policies and procedures for maintaining and utilizing the facilities. The institute regularly performs both preventive and breakdown maintenance on all facilities for periodic inspection, adjustment, minor repair, necessary to minimize breakdown and maximize efficiency. Preventive Maintenance is performed while the equipment is still working so that it does not break down unexpectedly and Breakdown Maintenance is performed when it completely breaks down and then repairing it to working order. Breakdown Maintenance of any asset, facility, and equipment whether under AMC or under preventive maintenance is urgent requirement where the institute works in mission mode.

Purpose of the Policy

This policy provides guidelines for the maintenance of physical, academic and support facilities of the institute to ensure that not to break down unexpectedly. Preventive and breakdown maintenance procedures are designed to fulfil the needs of the Facility.

Maintenance of Classrooms, Seminar Hall and Auditorium

Classrooms with furniture and necessary ICT tools are maintained by the respective department staff and attendants and supervised by the respective Head of the Department. The class rooms are utilized as per the time table.

Effective utilisation of seminar hall and auditorium for organising academic meetings, seminars, conferences, and cultural events is made. For accessing the facilities, the organising faculty/staff member submits a request form, through HOD and the date of event is registered, then the halls are accessed on priority basis.

Maintenance of Laboratories

The respective faculty members, staff, lab assistants and other service personnel are given responsibility to maintain the equipment under their purview. All major repairs are identified and external expertise sought for maintenance of equipment wherever necessary with the permission of the principal and periodical maintenance of instruments is done through annual maintenance contracts (AMC). Standard operating procedures for all high end equipment are made available to the users. Users registers in the log books. Breakage and repair if any are reported to the Head of Department or the faculty in charge as the case may be and suitable measures are taken for speedy functioning of the equipment. Breakage of glassware intended for use by students is entered in the breakage register and charges levied based on the cost of the equipment payable by the students at the end of the year. The laboratories are utilized as per the time table.

Maintenance and Utilisation of Library and Library Resources

Library: Librarian with supporting staff has been appointed to maintain library. A Library Committee comprising of the Principal, Librarian and faculty members from all Departments meets twice a year to discuss improvement/update of facilities provided by the library.

The library staff is clearly instructed in the care and handling of library documents, particularly during processing, shelving and conveyance of documents. The following steps need to be taken:

- Bound volumes are not to be sorted out from their fore edges, as this process weakens the binding.
- Dust should not be allowed to deposit on the documents because the collection of dust causes staining of documents and promote chemical and biological problems.
- Proper pest management is done to minimize the problems caused by Rats insects, termites and cockroaches.

Computers/IT/ICT facilities: The institution has full time IT technician to provide services like maintenance and repair of computers, networking and maintenance of internet/Wi-Fi connectivity, up gradation and maintenance of IT facilities, troubleshooting of hardware and procurement of hardware and software. ICT facilities maintenance is out sourced to external agencies.

Scanners, printers and photocopying machines are maintained by the institute IT employee.

Animal house: College has an Animal House Facility is registered with Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) with Registration No.: 1564/PO/Re/S/11/CPCSEA.

The animal house houses rats, mice and rabbits. Each species of animals is housed and maintained in individual rooms to avoid disease transmission and inter-species conflicts. The support staffs ensures that every part of animal care including feeding, watering, restraining, cage cleaning, record keeping and ordering of animals, feeds, bedding materials and equipment from outside sources are monitored.

Sport complex/playground: Sports committee of the institute looks after the sports facilities and the activities. The sports equipment are issued to the students as per the schedule of the events. If any equipment get faulty Sports committee submits proposal for maintenance. Sports committee is responsible for keeping the record of utilization of sport Facilities, activities held, and awards for the students etc

Gymnasium and Yoga Centre: Institute provides Gymnasium and Yoga Centre to students for practice and has a fitness trainer for conducting and scheduling necessary training classes. The Gymnasium and yoga centre, both are cleaned regularly. The fitness trainer and an attendant who ensure that the equipment is in working condition.

Maintenance of Housekeeping

Cleaning of the campus areas including the academic and administrative buildings is performed daily in the morning before the regular classes begin with the help of the housekeeping team.

The whole campus area is maintained by the housekeeping supervisor who will be reporting the completion of work to the principal.

Building Maintenance

Concerned personnel should be appointed for looking after building maintenance activities such as plumbing, sanitation, and painting works etc. **Electrical, Maintenance**

Concerned personnel should be appointed for looking after electrical maintenance activities such as repair works of all electrical equipment like fans, lights, intercoms, MCBs, UPS, generator, AC, refrigerators and exhaust fans etc.

Security/CCTV: Security staff is employed to safe guard the whole premises and an authorised security agency has the annual contract for ensuring safety on the campus. Maintenance of CCTV surveillance system is outsourced to external agencies

Garden: All gardening activities on the campus like cutting, cleaning, watering, soiling etc. are handled by the gardening employee.

Canteen: The canteen facility has been provided to the students inside the college campus. The canteen maintenance is given to external agencies, Hygiene, Sanitation and cleanliness inside the canteen has been monitored by the member from the PMC.

File Description	Document
Upload any additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 14.26

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
141	110	108	45	31

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 2.87

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
14	12	17	23	20

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	View Document

5.1.3 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
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 21.31

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

2020-21	2019-20	2018-19	2017-18	2016-17
93	150	160	110	135

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 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: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 43.82

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
54	45	75	60	63

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 144.09

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 134

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 48.86

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

2020-21	2019-20	2018-19	2017-18	2016-17
2	8	3	5	7

5.2.3.2 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

2020-21	2019-20	2018-19	2017-18	2016-17
6	14	8	8	13

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 49

5.3.1.1 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) year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
21	10	9	5	4

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

Karnataka college of pharmacy has an active student cell at all levels of the committee structure to give the complete or fullest opportunity for students to raise any matters of concern to them at a level that is appropriate. Student views are sort on all aspects of the student experience and feedback is considered and used to shape future development.

The institute also encourages participation of student representations in various academic and administrative committees, cocurricular and extra curricular activities in decission making and thus enable them in acquiring better organising skills. The student suggestions, opinions are considered to take measures and the institution take efforts for all round development of students.

The institution has many committees which is duly established as per norms. The student voluntrs assist the committee members in planning,organising and executing various student oriented activities and disseminate information from the institute,administration and other committees to all students.

The students council is the main body for all the committees in the institute and this council has representation from the students of all classes and programmes. The council has General secretary, Cultural secretary, Sports secretary, Ladies Representative and members. The roles and responsibilities are well distributed. Apart from representation in the student council students are nominated for the various committees like NSS , IQAC, class representative, Academic, UG and PG Program, Library, Grievance, Anti ragging, ICC/ Prevention of sexual harassment cell, Foreign Students union and Alumini.

The General secretary plans the council activities, executing and monitoring the calendar of activities across the academic year. Cultural and sports secretary plans intra and inter collegiate Cultural, sports, advertising events, and recruiting volunteers and also creating awareness of participation in these events. In coordination with faculty mentors organises various events like sports and cultural fest. Ladies Representative address the issues related to female students

Students were encouraged in NSS activities to organise and participate in blood donation, rural sanitation, health awareness programmes in the neighbouring communities.

Also students as class representatives play a significant role as volunteers in communicating the information between students and teaching faculty.

Students are also involved in various other events by promoting our traditions and culture to the student committees. Students avail the opportunity of developing the soft skills which enhance employability and make them more confident.

All these practices show the active involvement of our students in all the activities that can lead them to personality development, communicative and professional skills. Hence such programme inculcate the leadership and management qualities of the students. The student council is mentored by the Principal and the HODs of the institution. The student council meets to plan and organise activities and programmes of the college with the guidance of teachers and administrative team.

The goal of the student council is to provide a common platform to students for co-curricular and extra-curricular activities. Activities under the council will be well supported by a team of faculty member

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 22.8

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
0	25	26	35	28

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

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:

Karnataka College of Pharmacy has Alumni association which was established in the year 2012 under Government of Karnataka, Karnataka Society Registration Act, 1960 (Karnataka Act 17 of 1960) with the registration number DRB-N: SOR:01:2012-13.

Alumni General Body meetings are conducted once in six-month. Our Alumni also do visit regularly to our college apart from general body meeting and delivered guest lectures and actively interact with students and help to grow them professionally. They also guide them for their future endeavors, also actively contribute to the placement by arranging campus interviews. They help our students to get placed by arranging On campus or Off campus interview. We have strong Alumni network and Alumni help our student's in holistic development and growth. Alumni Associations of Karnataka College of Pharmacy have organized career counselling lectures delivered by Alumni which has helped them to build up confidence and choose right Career/ Job for them.

Alumni have assisted in organisation of entrepreneurship awareness camps in our institute

Training and career guidance: Alumni members are actively involved in providing various training and career guidance sessions to the students regarding higher studies, communication, soft skills and entrepreneur skills. Members also conduct mock interviews and interactive sessions with student for soft skill development. Alumni have assisted in organisation of entrepreneurship awareness camps in our institute

Placement Assistance: Alumni members share information of job vacancy positions with placement cell and provide the assistance in arranging various campus interviews.

Research: Alumni members are always ahead in providing the gift samples (drug & excipients) to junior students involved in PG dissertation research work., Alumni always help PG students for carrying out projects in the Pharmaceutical Industry.

Industry Linkage: Some of our alumni are industrialists; they share their knowledge and expertise with the students. Alumni have assisted in organising industrial visits through their contact with industrial experts and industrial experience.

Book Donation: Alumni have contributed by donating Books

Feedback system: Regular feedback is taken from alumni for development of college and curriculum. Feedback are analysed and used for development of college.

Perception: The alumnus helps in improving the overall perception of their Alma matter.

Alumni Every Year an Alumni meet is organised in our institute. Alumni Meet is a formal function which consists of inauguration, alumni interaction with students, cultural programs, followed by dinner. During the program alumni gives insights of various specializations and industry to the existing batch of students. Alumni share their corporate experiences, guide current batch of students and assures the students to be in continuous communication with them.

Financial Contribution: Our Alumni Association supports the Institute in financially also. It encourages our alumni to help the institution by donating generously for the infrastructural development of the college. The alumni association donated Rs. 1, 00, 000/- to the Karnataka College of Pharmacy, Bangalore for the purchase of Laptop and other Electronics Equipments.

File Description	Document
Upload any additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: A. ? 5 Lakhs

File Description	Document
Upload any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

Our Vision

To be the leading academic center for innovative interdisciplinary research and excellence in pharmacy education, patient care, service to the community in India. Further enhance its position of international preeminence especially in pharmaceutical research and education.

Our Mission

Dedicated to educate, train and provide life-long learning opportunities for students and faculties.

Disseminate and applying new knowledge based on research in the pharmaceutical, biomedical and clinical sciences.

Develop in our students a sense of social, personal, spiritual and professional values and enable them to have successful career.

The objective of Karnataka College of Pharmacy, Bangalore to be the leading Academic center for excellence in pharmacy education is reflected in all the institutional activities.

Quality Policy

To provide adequate value-based quality education maintaining pace with changing technology to produce the skilled and competent professional ready to accept Global challenges.

Quality Objectives

The mission of the institute statement defines the institute's distinctive characteristics in terms of addressing the students, the institute's value, orientation, needs of the community, and vision for the future.

The Vision and Mission of the institute are in tune with the objectives of Higher Education. The institute makes arrangements to coordinate the academic and administrative planning and implementation that reflect the institution's efforts in achieving its vision.

Reflection of the mission and vision in the leadership of attitude is ensuring the policy statement and action plan.

- The management and principal of the institute actively participate in governing body for ensuring the policy statement and action plans which are aligned for attaining the mission of the Institute.

- The principal makes action plans in consultation with the faculty members to review outcomes about the action plans through various meetings with functional committees, also management reviews quality policy and makes amendments in quality policy if required.

Formulation of the Action plans - Action plans are formulated by following the quality policy under the leadership of the principal and the same are incorporated into the strategic plans for effective implementation.

- Interaction with the stakeholder - The principal ensures that all the stakeholders are involved in different activities
- Proper support for policy and planning – The requirements for the policymaking and planning collected by the principal through the interaction with stakeholders.
- Reinforcing the culture of Excellence – To reinforce the cultural excellence regarding vision, mission, short term, and long-term goals, the quality policy was kept open to all stakeholders for their valuable suggestions.
- Organizational change - During the short period, the institute has adopted and implemented many changes to attain its Vision and Mission.

Perspective plan – The Perspective plan for the next five years includes accreditation, permanent affiliation, Research Centre, a center of excellence, autonomy, collaborations, and student placements.

Participation of the teacher – The teachers are encouraged to involve in various decision-making bodies such as IQAC, IRC, Academic committee, internal compliance committee, purchase and maintenance committee of the institution by which they are actively participating in the governance of the organization.

File Description	Document
Upload any additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

Decentralization is having a remarkable impact on policy framing, planning and management of education at Karnataka college of Pharmacy. Through various institutional practices, decision making is decentralized. For example, the Heads of the Department are given autonomy to decide their own methodologies to run their respective departments. They decide how to deliver the curriculum, how to impact the effective education to their respective department students. Hence decentralization is in place at Karnataka college of Pharmacy to improve and excel efficiency of education system and quality of education. At various levels, the college grooms leadership among all the stakeholders, governing body, Management, principal, IQAC members, academics, administration, NSS, Teaching and non teaching staff, student representatives and stakeholders. Alumni and other committees jointly empowered to design, formulate and execute their plans within the framework of institutional governance.

The institution practices decentralization and participatory management in keeping with its belief in

collective leadership and democratic traditions. A particular reflection of this practice may be seen in the extensive delegation of authority to the Heads of the various Departments in the college.

The Ways in which Heads of Departments participate in the Management Process:

- The Head of the Department (HOD) oversees the Teaching Plans of his/her departmental members.
- He/she is empowered to make adjustments in the routine, and to all teaching assignments and evaluation duties.
- HODs enjoy the privilege of convening departmental meetings where the programmes for the entire term are decided.
- He/she often takes the lead in planning seminars, workshops, career counseling sessions, remedial measures, inter-departmental or/and inter-college exercises, departmental excursions and study tours.
- He/she is at liberty to introduce creative and innovative measures for the benefit of his/her students.
- HODs plan, prepare and publish the departmental brochure.
- He/she organizes and conducts the Parent-Teacher meetings in which the academic progress of the students is communicated to their guardians.
- HODs, in consultation with his/her department oversees the paper-setting, moderation, evaluation, and marks submission of all internal examinations of the department, and determines the admission and promotion criteria of the students.
- HODs decides on the nature, pattern and duration of special and remedial classes for the students of his/her department.
- He/she even takes the initiative, at times to organize placement activities for the departmental upliftment.
- Petti cash amount of 5000/- is always with HODs for refreshments during meetings and for simple expenses. They are given the freedom to take decision for any repairs and maintenance up to 10000/- and produce the bills for reimbursement.
- HODs monitor and supervise the attendance, job responsibility and leaves of absence of technicians and attenders. They also give valuable feedback on their performance appraisal.
- Compensatory leaves and privilege leaves are provided for HODs for participating in seamless administration of the institutional activities.

File Description	Document
Upload any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

For an organization, strategic planning is very essential to accomplish the Vision and Mission, which it dreams of. Strategic planning is a continuous process with a specific focus on accomplishing institutional goals in this competitive world.

Vision of the institution states to enhance its position of international preeminence.

Karnataka College of Pharmacy Bangalore envisioned providing education to diverse student population from across the globe. As a result of this strategic plan that is effectively deployed, the student population of the Institute consists of local students, non-karnataka (Kerala, Andhra Pradesh, Tamilnadu, Uttar Pradesh, Bihar, Assam, Meghalaya, Tripura, Odisha, West Bengal), SAARC countries (Nepal, Bhutan, Srilanka, Afghanistan) and other international students (Sudan, Iran, Syria, Rwanda, Nigeria, Congo, Yemen).

The strategies with action plans were decided to achieve this institutional strategic goal. The admission centres and consultancies were opened in Srilanka, Nepal and Africa. Vigorous admission campaigns were carried out and teams were deployed to various places with college brochures.

Foreign student Association was set up in the institution with the objective of making foreign students familiar with the language, campus regulation and law of the land. The Association had a nominated president, general secretary and student representative from each class and was monitored by the faculty and Principal.

Foreign students are motivated and assisted by foreign students-in-charge staff in every class. In all the college events and get-to-gathers, foreign food was served for them. Ethnic days were conducted and their food, clothing and culture was showcased and encouraged. Alumni foreign students have been placed well in their countries and quite a few of them have become entrepreneurs. The Alumni foreign students attend the Alumni events using online platforms.

As a result of the efforts taken by the Management, Principal and the staff, the students from various countries are flocking to take admission in the institution.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.

Response:

ORGANOGRAM

The institute's organogram is well-structured for the smooth functioning of the organization to achieve the vision and mission. The participative management policy and the practice of decentralization is clearly visible in the organizational structure.

The institute has a Governing Body at the top of the organizational structure. Decisions made by the

governing body are disseminated by Director/Principal as depicted in the flow chart.

The Director/Principal wields the powers with regard to financial and to all the academic and administrative matters including the conduct of examinations. The important bodies like IQAC, Academics, Administration, Examination, Functional bodies and associations directly report to the Director/Principal.

IQAC monitors all the departments and processes to ensure quality imbibed culture and gives valuable suggestions on Quality Initiatives, Quality Sustenance, Quality Enhancement and also builds an organized methodology of documentation and internal communication.

Library is well equipped with resource materials, soft wares and dedicated staffs. The institution has four post graduate departments; Pharmaceutics, Pharmaceutical analysis, Pharmacology, and Industrial Pharmacy. Every department is headed by HOD and they manage all the departmental activities with the support of teaching staff (Assistant Professors, Associate Professors and Professors), laboratory technicians, and attenders. The institution has standard recruitment policies for the recruitment of teaching and non-teaching faculty. The service rules clearly state the responsibility and duty of the faculty towards the job. The institute follows performance appraisal system and promotes the faculty based upon the policy.

Examination section directly reports to principal and carries out the internal examination and university examination related activities.

Functional bodies work basically for the student support and college.

The institute provides ample student support by providing them placements (placement cell), zero tolerance for ragging (Anti-Ragging Cell), addressing the grievance of staff and students (Grievance redressal system), providing equal opportunity and avoiding sexual harassment (Internal Compliance Committee), encouraging overall development of the students (Sports and Cultural committee) and maintaining discipline in the campus (Disciplinary committee).

Institutional Animal ethical committee, Institutional Research committee, and Academic committee are mapped for smooth functioning of the college activities in the animal studies, research activities and regular academic activities of the Institution.

The associations that include student involvement are; Student council comprising of General secretary, sports secretary, cultural secretary, lady representative and class representatives. They are nominated by the Principal after inviting application forms and scrutinizing based upon their previous experience and capability.

Alumni association of the institute having over a thousand alumni students is contributing immensely for the development of institute. The institute conducts Alumni meet regularly for the guidance and benefit of current students.

The institute's National Service Scheme (NSS) unit works under the guidance of affiliated university, Rajiv Gandhi University of Health sciences. It initiates a lot of community activities, awareness camps and outreach efforts.

The foreign students from various countries like Sudan, Tanzania, Yemen, South Africa, Iran etc make a significant student population of the institute. Foreign student association comprises of the President, General Secretary and Student Representatives representing each class.

File Description	Document
Upload any additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 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
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

List of welfare measures for teaching and non-teaching staff

For the better management and faculty retention, Karnataka college of pharmacy promotes welfare measures for teaching and non-teaching staff. The list of welfare measures are provided below.

1. Leaves: Teaching staffs are provided with various leaves like casual leaves, maternity leaves, earned leaves, study leaves, special leaves, sick leaves as per the institution's leave policy.
2. On duty leaves are provided for attending the conferences, workshop and for university related works like examinations, paper valuations etc.
3. Special concession is given for the pregnant ladies & lactating mothers in the duty hours.
4. Faculty is provided with financial assistance to attend the conferences and workshops and for the

membership in professional bodies.

5. The institute has staff appraisal system wherein the faculty are given promotions and increments every year.
6. Employee provident fund facility is provided for the staff members.
7. The institution encourages faculty to upgrade their knowledge and participate in research activities like collaboration with the industries, application for the research grants and research publications.
8. The institution conducts various faculty development programs for teaching staff and awareness and training programs for non teaching staff.
9. The institution provides canteen facility for teaching staffs at subsidized rates.
10. The college provides free breakfast and lunch for all the non teaching staff throughout the year.
11. The institution provides free transportation facility for the non teaching staff.
12. The institution provides financial assistance for the children's education for the non teaching staff for the admission in the education institutions of Karnataka Education Trust.
13. The institution provides advance salary option for the needy non teaching staff.
14. The institution provides free uniforms and aprons to all the non teaching staff.
15. CCTV cameras are installed in various corners of the college campus to assure the security and safety to the staff.
16. First aid facility for staff members is available in the campus.
17. Salary is timely credited to the bank accounts for the all the teaching and non teaching staff.
18. College celebrates Teacher's day every year on 5th of September.

File Description	Document
Upload any additional information	View Document

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

Response: 16.07

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

2020-21	2019-20	2018-19	2017-18	2016-17
2	0	5	26	3

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**Response:** 3.8**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	2	7	5	2

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**Response:** 31.42**6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
3	11	31	25	2

File Description	Document
Upload any additional information	View Document
IQAC report summary	View Document
Details of teachers attending professional development programmes during the last five years	View Document

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff**Response:**

Performance Appraisal System

A performance appraisal system for teachers is setup well integrated with institutional functioning, and it leads to the identification of individual training and development needs. The recruited faculty are assessed annually by self-appraisal method and student feedback analysis.

Teacher's self appraisal forms are given to all the faculty members at the end of academic year, wherein they fill the details regarding work load, leaves availed, details of the participation in examination related works, contribution in innovative teaching methods, efforts taken to improve professional competence and research contribution. The forms are scrutinized, approved and forwarded by the department HODs to the Principal.

Student Feedback on teachers is given by the students of the respective classes based on the metrics such as lecture presentation, punctuality, syllabus completion in time, utilization of ICT tools, utilization of class time, subject knowledge and tolerance to disagreement. The feedback is collected, analysed and the report is prepared and submitted to the Principal.

The Principal reviews both the teacher's self appraisal forms and student feedback on teachers and recommends the appraisal to the management for promotion and/or increment.

Principal discusses the faculty appraisal received from students through feedback forms with each faculty. The confidential reports are allowed to convey to the teachers and the inputs are given. The feedback on other matters is discussed in staff meetings. Proper counseling and motivation is done to get better appraisal in future. College encourages faculty participation in various national, international workshops/conferences and faculty development programs for their continuous development of their skills.

This system enables the identification of faculty members whose performance is outstanding and motivates all the faculty members to perform well not only in academics but also in the areas of research & development, which gives way for further enhancement and upgradation of their skills and knowledge. In this manner, teachers can improve the learning process, so that they can reach the targets and objectives of the institution. This has resulted in a very positive outcome in improving the teaching performance and overall participation in various activities thereby improving overall quality of the institution.

The non-teaching staff works under the supervision of Head of the Departments, so that the institution can discharge its duties effectively. The HODs discuss with the faculty and forwards the feedback on the non-teaching staff to the Principal. Principal then evaluates and recommends the promotion and/or increment to the management, based on the feedback received, attendance and overall performance. Based on the evaluation reports the management grants increments/promotions every year.

File Description	Document
Upload any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire income and expenditure and the capital expenditure of the institute each year. The institutional accounts are audited regularly by both Internal and statutory audits. Qualified internal auditors have been permanently appointed and a team of staff under them perform a thorough check and verification of all vouchers, cheques, demand drafts, purchase invoices, salaries of the employees, bills, NEFT/RTGS transactions, student fee payment by digital mode or any other mode of the transactions etc that are carried out in each financial year. Internal auditors provide independent and objective evaluations of Institute's financial and operational activities. They are employed to ensure that companies follow proper procedures and function efficiently. Likewise, an external audit is also carried out on an elaborate way on yearly basis. So far there have been no major findings / objections. Minor errors or omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future.

File Description	Document
Upload any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Resource Mobilisation Policy and Procedures of Karnataka College of Pharmacy, Bangalore

Karnataka College of Pharmacy Bangalore is a self-financed institution, where the funds are generated through the fees paid by the students only.

The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure.

The Institutional budget is prepared and proposed by Principal every year taking into consideration of recurring and non-recurring expenditures.

Accordingly, all the administrative and academic heads are requested to submit the budget requirement for the subsequent financial year. Principal prepares the proposed budget after the consultation with Library committee, Head of the departments, concerned committees and other functional bodies. Principal also considers the apex body norms that change from time to time while preparing the proposed budget.

All the major financial decisions are taken by the Governing Body. As and when urgent requirements arise, the sanctions are received from the management office for such requirements and disbursed. All the major financial transactions are analyzed and verified by the governing body under Income and Expenditure account.

Institute adheres to utilization of the budget approved for academic expenses and administrative expenses by management. However, Principal is provided with the privilege to approach the management for any need based or emergency requirement that was not allocated in the budget. The management approves and allocates funds for such requirement from the surplus funds or contributes from the trust fund/account.

After final approval of budget, the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations are invited, reviewed, negotiated and then purchase orders are placed. Respective faculty members ensure the received equipment/machinery as per the purchase specification. The payment is released after delivery of the respective goods as per the terms and conditions mentioned in the purchase order/in voice. All the transactions done have transparency with regard to the bills and vouchers. The bill payments are done only after testing and verification of the items. Only authorized persons are allowed to operate the transactions through banking.

Principal, finance department and purchase committee, monitors the entire process of the procurement of the material.

All the financial audits are conducted by chartered accountant/auditor every financial year to verify the compliance.

File Description	Document
Upload any additional information	View Document

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**Response:**

IQAC is established in the year 2016 and has significantly contributed in developing quality consciousness in the entire institution. It has brought about significant changes in functioning of the institution by setting benchmarks for quality. Every suggestion and quality initiatives resolved by IQAC have significantly impacted in providing quality education.

Best Practices institutionalized as a result of IQAC Initiatives**1. Mentor Mentee system**

Karnataka College of Pharmacy admits students across India and abroad with diverse cultural and socio-economic backgrounds. Maintaining unity in the diversity, discipline in the campus and harmony among the student population is a matter of concern. Hence, there is a great need for persistent monitoring and mentoring of students for academic, social, personal and career guidance. Hence, the college devised a Mentor-Mentee system where a group of students (Mentees) are assigned to a faculty (Mentor) from the respective courses. The IQAC will conduct sessions every year for faculty members on mentoring.

Mentor Mentee Mechanism

- Mentors are assigned a group of 5 to 25 students from the respective courses.
- Beginning of every academic year, freshers are allotted to the respective subject teachers.
- The mentee once assigned to a mentor continues with the same mentor throughout the program.

Mentor-Mentee system helps to assess mentee's background, knowledge, skill, experience, and hobbies. It helps to improve upon communication skills and shed hesitation. The Mentor counsels, guides and advises mentee to accomplish their goal in academic and career development. He/she encourages their interest in academic, extracurricular and social works. He/she updates them on various scholarships, fellowships, internships, research projects, and job opportunities.

2. Feedback system

It is a strategy adapted as an IQAC initiative to focus on improving the quality in the administrative process and academic systems. Feedback is an essential part of effective learning. Structured feedback collection enhances learning and improves assessment performance and enriches the student's experience at campus. Karnataka college of Pharmacy has developed a system of feedback collection in all programs which focuses not only on academics but also in other areas. Core piece of the process is a feedback form that is built with well researched questions structured to gather effective feedback for recipient. These forms are reviewed and approved by IQAC.

Feedback system in KCP has a proactive mechanism of collecting regular feedback from various stakeholders including alumni, parents, employers and peers along with continuing students. Types of feedbacks taken are curriculum, graduation exit, feedback by students on each teacher and feedback by parents after parent-teacher meeting. Apart from these, the program coordinators collect feedbacks on each activity organized by the college. All the feedbacks are analysed and reports are prepared. These reports are submitted to IQAC for further suggestions and improvements to meet the needs of the stakeholders. The

feedback system in the institution has been providing quality information in recognising the strengths and weaknesses and provides opportunities to close the gap between current and desired performance thus improving overall quality of the institution.

File Description	Document
Upload any additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

Examples of institutional reviews and implementation of Teaching learning reforms facilitated by the IQAC

Teaching Learning Process: The IQAC keeps strict vigilance on the teaching and learning process and continuously strives to implement the teaching learning reforms at Karnataka college of Pharmacy, Bangalore.

Practice 1: Result oriented effective teaching practice

Karnataka college of Pharmacy students have been consistently bringing accolades to the institution with RGUHS state ranks since the academic year 2009-2010. To maintain the academic performance and further excel in the university examinations, IQAC instructed all the staff members to take the initiative in identifying the advanced learners and moulding them by guiding, motivating, individually counselling and by exposing them to various learning methods to score high marks in the annual examination conducted by the university. IQAC suggested to utilize tutorial hours and laboratory hours for effectively guiding the students by imparting individual attention. Potential students based on their performance in internal assessment and pre-final examination are encouraged further on to maintain their performance even in the university examination.

As a result of this initiative the students have been securing top ten university state ranks in all the programmes consistently. This has been the living example of combined conductive teacher-student effort in the supportive environment. The result-oriented mindset and the strategy of utilizing tutorial hours and lab hours to train individually has immensely helped the students to learn effectively and prove their metal in university examination and bring pride and glory to the institution.

Practice 2: Delivery of curriculum through well-planned Course plan and lesson plan

Course plans and lesson plans are introduced by IQAC to strengthen the teaching learning process. Having an effective course plan and lesson plan should be one of the most important tool that every teacher should

strive to have. Consistent effective lesson planning is essential for successful experiences in both teaching and learning process. The course planning experience provides teachers and counsellors with a chance to make sure students are on track and lesson planning allows details at microlevel teaching. This allows for the least amount of distractions and help to keep teachers on track. Course plans and lesson plans include the unit names, topics, time allotted, method of teaching and evaluation that helps the teacher to plan and prepare well for the class and the student to do advance reading and manage the missed classes. Hence, it was decided to follow strictly preparation of course plans and lesson plans from 2016-17 academic year onwards.

IQAC makes sure course plan and lesson plan are prepared by the faculty based on the curriculum and course objectives. At the start of the academic year, the subject allocation is done at the department level and the concerned teachers are asked to prepare the course plan and lesson plan to ensure the delivery of curriculum through a well-planned documented process. All the course plans and lesson plans prepared by the faculty are scrutinized by the respective HODs before circulating to the students. Head of the departments monitor the completion of syllabus according to the course plan, lesson plan and calendar of events of the institution.

This practice has immensely helped teachers and students to fulfill academic agenda effectively and progressive improvement was evident in the teaching learning process.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 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)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: A. All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

NAAC

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 during the last five years.

Response:

Gender sensitization refers to the raising sensitization of gender equality concerns. It helps people in examining their personal attitudes, beliefs and questioning the realities of both sexes. This program enables gender justice where men and women can work together with a sense of personal security and dignity. This can be achieved by conducting various sensitization campaigns, training centers, workshops, programs etc. The Karnataka College of pharmacy (KCP) besides imparting quality education to students also takes care of challenges faced by youth today. The institution aims towards raising awareness of students toward gender sensitivity. It has worked at multiple levels to make the campus gender sensitive.

The college has posted male and female security guards at the entry gate to fully curb the entry of outsiders. It also ensures the presence of female attendants outside female toilets. For strict security measures, CCTV cameras are installed in the college to take account of any ragging or eve-teasing on the premises. College canteen has separate space for girls to avoid inconvenience during working hours. The CCTV cameras are also used for surveillance in those areas of the college where monitoring is needed such as corridors, canteen, entry gate and other public places.

The college has a pro-active Women Development Cell which acts as complaints and redressal body, which takes into account any complaints made by students regarding sexual harassment. The college notice board displays the names and telephone numbers of the chairperson, secretary, staff members, non-teaching members and student members. It believes in promoting equality and gender justice. It takes preventive measures to ensure safe environment for all the students and staff members. Special attention is paid to ensure the safety of female students. From time to time, it plans and carries out workshops and talks on gender sensitization by eminent speakers. The method of registering of complaints is fairly accessible. Appropriate arrangement is made to provide emotional support to the victim in the form of counseling.

The counseling service will address various degrees of the problem and provide suitable solution from time to time. Faculty, counsel the students during mentoring regarding academic performance, career plans and personal issues. Girls endure unwarranted social control, discrimination and domination. Boys discouraged from being emotional, gentle or fearful. The college has a girls' common room, where the girl students can spend their time with their peer group, share their thoughts and enjoy leisure time. The college has plans to initiate the day care centre for the female working staff children. The gender sensitization programs for girl students are conducted frequently every year. The programs primarily are aimed to cover the health related issues suffered by females.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Pollution from waste is aesthetically unpleasing and results in large amounts of litter in our communities which can cause health problems. Solid waste can be categorized into three types: biodegradable, non-biodegradable and hazardous waste. Bio-degradable wastes include food wastes, canteen waste, wastes from toilets etc. Non-biodegradable wastes include plastic, tins and glass bottles etc. Hazardous waste is waste that is likely to be a threat to health or the environment like cleaning chemicals, acids and laboratory chemicals. Each and every department of Karnataka College of Pharmacy as well as administrative offices creates some waste and dumped in small waste bin located in the department. In each building several dust bins are placed from where housekeeping staffs take the wastes. From the small bin wastes are dumped in big bin by the housekeeping staffs regularly. The wastes are properly stacked in designated place and later disposed through vendors for proper waste management.

The bins are collected from Bhruth Bangalore Mahanagara Palike [BBMP] vehicle. The college discourages uses of plastic; particularly single use plastics in campus. Liquid waste is generated from Science laboratories and canteen. The liquid wastes are mainly drained to improve the ground level of water. In Karnataka College of Pharmacy only few faculties use animal for their research purpose from where some biomedical waste is produced. Though the amount of waste is very negligible amount still the carcass of the animals are stored in the -20oC for the time being. After sufficient amount of carcass stored college hand over to BBMP vehicle for Biomedical waste management. The e-waste includes out of order equipments or obsolete items like lab instruments, circuits, desktops, laptops and accessories, printer, charging and network cables, Wi-fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments etc. All these wastes are put to optimal use. All such equipment's which cannot be reused or recycled is being disposed off through authorized vendors. Instead of a new procurement Buy-Back option is preferred for technology up gradation.

Most of the departments do not generate hazardous waste and can be classified as conditionally exempt small quantity generators (generators of less than 100 grams of hazardous waste per month). Hazardous chemical or biochemical including contagious disease pathogen, patient blood, and radioactive substances are not used in the college campus yet. Ideally, handling, collection, and transportation and proper handling of chemicals begin with understanding the potential hazards related to their use. All stakeholders, especially from Academic Departments and laboratories are responsible for disseminating information on hazardous materials being used in the facility. As the amount of hazardous waste is nil or very negligible amount, there is no facility developed to transport and manage it in proper place.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony. The college and its teacher and staff jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party, teacher's day, orientation and farewell program, Founder's day, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga day, festivals like Diwali Mela celebration, Holi Milan celebration, New Year celebration, Lohri celebrations, etc. religious ritual activities are performed in the campus.

Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Convocation ceremony is conducted every year, where the convocation address is delivered to inspire and motivate the students for future journey. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The festivals of all religious are celebrated in the at KCP campus. In this way the institute putting efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities. The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic up-lift of the needy and setting communal harmony.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. The students and the employees of the institution follow the constitutional obligations about values, rights, duties, and responsibilities of citizens which enable them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people.

The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes policies that reflect core values. The college regularly conduct screening programs, programs on adverse drug reaction and celebrates world pharmacist day to recall the responsibilities of citizens and contribution towards the society. Code of conduct is prepared for students and staff and everyone must obey the conduct rules. The college primarily focuses on topics like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, as a small step to inculcate constitutional obligations among the students. A separate NSS unit is started exclusively to encourage the students and the unit is successfully conducting activities to serve the society. Interestingly, food relief activity for Kodagu and Kerala was done.

Guest lectures and workshops are arranged by eminent personalities to deliver lectures on ethics, values, duties, and responsibilities and on saving the environment. Ethical Values, rights, duties, and responsibilities of citizens are some of the topics that are enlisted in Elocution, debates, and class presentation. The programs on feminine hygiene and cancer screening were conducted. The right to information is on place to provide any information requested by the public.

File Description	Document
Link for any other relevant information	View Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and

other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

The Karnataka College of Pharmacy (KCP) imparts the feeling of patriotism in students and staff members by celebrating the national festivals like Independence Day and Republic Day every year. It involves the unfurling of the National Flag, an event by NSS, and distribution of sweets among students and staff members. Further, it was followed by National Service Scheme's "Cleanliness Drive" for a week under the Swachh Bharat Abhiyan. The KCP also organizes the events to commemorate the birth and death anniversaries of famous personalities so as to familiarize the students with the contribution that these respective personalities have made in the process of nation building and paving the way for its present and future developments. The events include lecture by eminent speakers from diverse fields and conducting intra-college competitions like Essay writing, Debate, Slogan writing and Poster Making etc.

The college also observes other days of national importance which are birth/death anniversaries of great Indian personalities. The college makes the students aware of such personalities and their significance. The attendance is made mandatory for all the national event celebrations. The pharmacist day is celebrated yearly as prescribed theme by Pharmacy Council of India. The yoga day refreshes the body and the soul and brings high energy to the life by relieving the stress. The college conducts annual cultural and sports events to encourage the students in the extra-curricular activities. KCP also celebrates mother's day, women's day and gender equity programs to encourage both the genders. Regular screening programs are conducted by the pharmacy practice department and NSS unit. The hypertension, diabetes and asthma screening in rural villages are being conducted. The world AIDS awareness drive and Tobacco free drive are conducted to educate the general public and bring awareness to control such diseases. The college premise was used for Covid-19 vaccination to the public and the staff and students actively volunteered in the events.

File Description	Document
Link for Geotagged photographs of some of the events	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document

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 Practice I

1. Title of the Practice

Student and Faculty Exchange Program

2. Objectives of the Practice

The Karnataka College of Pharmacy [KCP] is constantly working towards internationalizing the domain of pharmacy education. KCP has a vision to impart the quality pharmacy education and has a will to share or receive the best practices globally.

- The main objective of this program is to outline the college activities, promote international education, and interdisciplinary collaborative activities in the field of pharmacy.
- This program aims to formulate and design different aspects of the health care system such as training and work in the multi cultural teams for students and faculties in India, as well as abroad.
- This program is also aims to explore the various linguistic and cultural practices followed.

The student exchange program thus is helpful in inculcating the overall development and interests of the faculty and students.

3. The Context

The most important reason to inculcate this practice is to ensure that wholesome education is provided to the faculty and students. As our curriculum and syllabus is designed more of theoretical aspects of the course, thus it is important to have programs like student exchange that provides a broader insight into the practical aspects of pharmacy. The syllabus caters to the Indian healthcare system specifically in regards to the practice of pharmacy profession. The exchange program will bridge the gap currently existing in the overall development and application of theoretical knowledge. Exposure to global healthcare systems through collaborations with different Universities will help to provide a better transition even in terms of careers abroad. KCP strives to fill this void by educating the students from the formative years on the various healthcare systems of the world.

4. The Practice

The higher education system in India is one of the largest systems of its kind in the world. However, the system has many issues pertaining to quality of higher education together with the assessment of institutions and their accreditation. The Universities have to execute multiple roles, through challenging teaching, research, extension activities and affiliated college has to play significant role in this regard.

The Student and Faculty Exchange Program can be a best practice to achieve excellence in providing quality education and training in all aspects of pharmacy field. The pattern of pharmacy practice, regulatory aspects and pharmacist skills varies from country to country. In this current scenario, it is prominent to equip the students to face the global challenges. It opens up a big opportunity to explore in the research domain and further education. At multiple cultural environments, this program is able to develop the student's psycho social behavior. The Department of Pharmacy Practice at KCP in association with the University of Findlay, Ohio, USA has been behind this program since for the last seven years. Few students and faculty members have visited multiple community pharmacy outlets and understood the drug dispensing system in the USA. They were also trained at Wyandot Memorial Hospital, Coumadin Clinic and Blanchard Valley Medical Associates.

The students also acquired presentation skills by conducting case discussions and participating in the journal club, drug expert and seminars. Good number of students and professors from University of Findlay has visited our Pharmacy Practice Department at BBH for internship rotations in community areas around Bangalore and medicine wards of BBH. They also actively involved in community outreach programs conducted periodically at both Urban and centers providing free medical services, free check-ups and consultation to the poor and needy. Various conferences such as INR optimization and Pharmaceutical Care in Tuberculosis were conducted during the visit. KCP students gained a lot with them in terms of group discussions, knowledge exchange and fruitful interactions.

The main constraint of the program is, it cannot enroll all students who are interested due to limited accommodation in the partner university. Affiliated university does not have any mandatory obligations or credit points to obtain for the student from the foreign universities. Even though, the student wish to do the internship of one year in foreign university under this program, the regulatory bodies allows only three months outside the parent hospital.

5. Evidence of Success

The success of the student exchange program can be seen in their self confidence and their job placements in reputed organizations. The skills acquired during the program have highly influenced to excel during the process of the employment. Two of our students have even pursued MBA degrees at Findlay to learn about the untold and often undisclosed side of health care, which is financial support in terms of prescribed pharmaceutical care. Our students are placed with international organization around the globe especially in Australia, Ireland, and Canada etc. The beneficiaries of this program were able to share their experience with their colleagues to make them follow for the same for betterment of pharmacy practice.

The function of pharmacy graduates is not just to monitor medication errors or ADR monitoring, but also to interact with patients to determine the best possible treatments. The exchange program students are actively involved in the quality department and also in Pharmacy and Therapeutics Committee. Patient counseling, education, medication reconciliation is just few of the other activities that they can be involved with, which are now implemented at BBH. The acceptance of the Pharm D students at BBH is greatly

benefitted from this program.

6. Problems Encountered and Resources Required

All the programs are self financed. The selected candidates faced problems to generate the required amount additionally towards this program in terms of travel expenses and accommodation. However, the institute supported them and also insisted the partner university to provide the facilities at subsidized rate. The financial resources can be mobilized by the support of institute management trustees, NGOs and the university. The candidates encountered difficulty in obtaining an international visa and some of the aspirants could not get the visa in spite of producing all relevant documents. One of the reasons could be facing the interview in the Embassy Consulate; this can be avoided by training them and conducting mock interviews. In recent times, the issue faced was the COVID-19 pandemic. The constraints due to the pandemic have now been lifted, following which new batch of students is in line and preparing for the program.

7. Notes

In November 2022, three of our students are in process of making utilize this program. We are looking forward to tie up with many more reputed foreign universities across the globe. An appeal was done to the university to inculcate this program and requested to implement the following points

- To encourage this kind of exchange programs in other institutes as well.
- To allot additional credit points for the students who have involved in such student exchange programs
- To provide some travel funds.

7.2.1 Best Practice II

1. Title of the Practice

Undergraduate Student Research Program

2. Objectives of the Practice

Research is one of the thrust areas of Karnataka College of Pharmacy. The college has a vision to inculcate research as the cornerstone of Pharmacy Education. The post graduates will have ample opportunities to involve in the research and have the required facilities as a part of their curriculum. To be competitive in the current dynamic research field, we have to create a research environment proactively at undergraduate level itself.

- To create a research friendly environment and to promote participative learning which provides an opportunity for students to employ lateral thinking
- To encourage and assist undergraduate students in writing research proposals to apply for various funding agencies
- To improve the reading skills, understanding and interpretation of the scientific journals
- To create zeal in students to pursue PG courses and Ph. D

- To obtain as many as UG research grants offered from the Rajiv Gandhi University of Health Sciences every academic year, by submitting innovative proposals

3. The Context

The domain of research field requires critical and analytical thinking, time management skills, good subject knowledge, patience, and a good understanding of the scientific vocabulary. Since research and research writing are not given much importance in the UG university syllabus, students lack knowledge on the process of conducting research. Students also have a jam-packed academic schedule which doesn't give them the time to make research writing a priority. The most common challenge that is seen in the participation and submission of the research proposal is the selection of the topic and the protocol writing. The UG research program as a best practice significantly helps to overcome these issues. As a part of this program, the institution conducts seminars, certificate courses, conferences, and special classes for UG students to get basic knowledge in research writing, sample designing, result analysis and apply for various sources of research grant. This program evidently generated interest in large number of students.

4. The Practice

The research activities and the quality of research in higher education in India are not at par with most International Universities. One of the important reasons is that the education system in India from schooling to the undergraduate does not give any opportunity to explore research work. To meet this challenge, the practice of Undergraduate Student Research program is considered as a best way of approach. This program identifies the challenges and inculcates the required skill sets in the UG students which are primarily contribute for success in the research and pursue higher education in the research. Through this unique program, the UG students motivated to participate in the research related activities and get trained in writing innovative research proposals to get the grant from various funding agencies especially from the Rajiv Gandhi University, which initiated UG grants from the academic year 2019-20.

All proposals and research that have been undertaken by the students, explore the various facets of pharmaceutical care. Every student carries the research work under the qualified research guide which enables them to share their ideas and learn from their experiences. The UG research students have a chance to interact with the post graduate students as they share the research laboratories which helps them in exchange of the knowledge and also enhances the interpersonal skills.

The UG research program instills confidence and provides the student with hands on experience in research. The process of writing protocol, referencing articles, and employing statistical analysis is beneficial to personality development. A thorough understanding of medical jargon is obtained while collating and relating the information to professional practice and helps develop necessary computer skills. Contributing to research keeps the students up to date on the recent developments in the field of pharmacy and leads to continuous professional development. Undergraduate research is also advantageous for students who wish to pursue a career in the field of research. The UG grant program also provides a deep insight into article writing and journal publication. Development of skills such as indexing and analyzing can be gained from the process of publication.

The limitation of this program is the non availability of the research fund and the preparedness of students to join the program. The facility of UG research grant from the university is a great motivation. Availability of the infrastructure is a major concern; since this institute offer PG courses, the required facilities are provided to run the UG research program effectively

5. Evidence of Success

The implementation of this practice has created a huge interest and consciousness in UG students towards the research. The success is witnessed with the active participation of the students in the research related activities such as seminars, certificate course, conferences etc. The students involved in the program started using library hours effectively, the reading and understanding of the scientific data has improved. After the implementation of this program, a good number of students came forward to involve in the research and many proposals were submitted to the Institutional Research Committee for scrutiny.

Rajiv Gandhi University of Health Sciences offers around forty UG research grants for the pharmacy faculty every year for entire colleges in the state. Since the inception of UG grants by the RGUHS from the academic year 2019-20, students trained under this program have received the grants consistently. In the academic year 2019-20 seven students; in 2020-21 four students and in 2021-22 five students got the undergraduate research grants. This proves the effectiveness of the program. Around three international publications and multiple paper presentations have been done. Most of the students trained in this program have continued to pursue higher studies and few are well placed in the national research projects.

6. Problems Encountered and Resources Required

Considering the in depth of work in doing research, the grant offered by the university is not sufficient. Some of the analytical test needs sophisticated instrumentation and thus has to be outsourced. However, the institute has contributed in terms of chemicals and consumables. Research funds can be mobilized by institute management trustees and by approaching alumni. The public or private research organizations can be approached for the possibilities of getting at subsidized rate or free of cost for the work that needs outsource equipments.

The problem encountered during implementation is mainly the lack of time. The students faced difficulty to have dedicated time for the research work, due to semester system and continuous academic activities, hence, the students worked extra time and even in some public holidays. The time constraints can be overcome by utilizing regular laboratory time and practice school hours in the academic program for research work as well.

7. Notes

We are convinced that this program is very much useful to all the UG students and every institute has to implement this best practice. Being an affiliated college, we have less freedom to make mandatory this program for every student; hence an appeal was made to the RGUHS with the following points to consider.

- To make the program effective, the practice school of the seventh semester can be utilized and make the students to focus on the research
- The restriction of maximum of five applications from each institute to get the UG grants has to be removed
- To increase the number of UG grants for each faculty and the amount per project
- To insist all the affiliated institutes to involve UG students in such research program

File Description	Document
Link for Best practices in the Institutional web site	View Document
Link for any other relevant information	View Document

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:

Distinctiveness

KCP- A Hub for Foreign Students

The Maha Upanishad says 'Vasudhaiva Kutumbakam' [the world is one family]. Globalization has made it possible for KCP to abide by this motto. Even though India is a culturally rich and diverse nation, unified through all adversities, it is further enriching its culture through the whole hearted welcoming of the foreign students. Karnataka state exists as pioneer in India in permitting self financed private educational institutes especially in the field of medical, pharmacy and engineering. Thus, every year huge numbers of students from other states of India and across globe have got the opportunity to pursue their education in this state. Later on many other states adopted this model and permitted self financed institutes in their respective states.

Evolution for distinctiveness

The Karnataka Education Trust, which was established in 2003, started Karnataka College of Pharmacy [KCP] with a global vision of imparting quality education in pharmacy in the year 2004 with the Diploma and B. Pharmacy programs. The pharmacy institutes in Karnataka underwent admission crisis during the period 2006 and 2008, one of the main reasons for this was an enormous increase in the number of pharmacy institutions in neighbouring states. It was during this critical period, the institute explored other possibilities to overcome lack of admissions. So, the institute came up with the plan to reach the aspirants not only from Karnataka and other states of India but also from other SAARC and foreign countries. Accordingly, the following distinctive strategies were framed.

- Open the institute enquiry offices in SAARC countries especially Nepal
- Having MOUs with educational consultants in African and Middle East countries
- Propagate the affordability, facilities and quality of the education offered in the country
- Establish a system to support the foreign nationals right from their arrival, FRRO registration and for their comfortable stay during the course period
- Offering introductory and English communication classes before commencement of the academic year

Implementation of the strategies

As the institute implemented these distinctive strategies, a tremendous response was received from all over. More number of students from Nepal and foreign nationals opted this institute to pursue pharmacy degree. Thereafter, the institute never had a difficulty in filling the admissions and thus stabilized financially. This enabled the institute to add many more programs such as M. Pharmacy in Pharmaceutics and M. Pharmacy in Pharmacology in the year 2009; M. Pharmacy in Pharmaceutical Analysis, M. Pharmacy in Pharmaceutical Technology, Doctor of Pharmacy in the year 2010 and Pharm D PB in the year 2014.

The institute is distinguished to have more number of foreign students, over fifty percentage of its yearly intake was seen from various countries, namely, Afghanistan, Bhutan, Cameroon, Comoros, Congo, Cote D'Ivoire, D'Ivoire, Egypt, Eritrea, Ghana, Guineenne, Iraq, Iran, Ivory Costa, Kenya, Kuwait, Mali, Nepal, Nigeria, Romania, Rwanda, Saudi Arabia, Sri Lanka, Sudan, South Sudan, Syria, Tanzania, Uganda and Yemen. It was an excellent opportunity to all foreign students to come together at this institute. A variety of students from all these countries created a mini world at this institute.

Indian students gain

The blend of the different nationals helped each other in many ways apart from the curricular activities. The Indian students had a chance to familiarize themselves with foreign food habits and cultures. It gave an opportunity to learn the foreign languages leading to increase in interpersonal communication skill. This skill was helpful for the Indian students in shaping in their career. Considering the foreign student's enthusiasm towards sports and cultural events, the Indian students interest on these activities got enhanced, especially sports like football and basketball. The education system in these foreign countries may not be to the level of the education system in India, hence the faculty at the institute worked out their ways and put extra efforts in teaching the foreign students, simultaneously benefitting the Indian students. Few of the Indian students gained opportunities to get placement in other countries with the help of foreign students who studied in our institute.

Learning for foreign students

The admissions for foreign students are offered at affordable price with best education at this institute which also helps the Indian education system to achieve global popularity and recognition. The institute has established its distinctive approach and trained the students to secure state level ranks; the foreign students also performed well while competing with the Indian students and secured forty eight state level ranks till now. Even though, few countries have had bad political bilateral foreign relationship, but the students from these countries at this institute live in harmony and develop a good friendship for example Iranians and Iraqis. The friendship developed here is being cherished even after when they return back to their countries and would further help in reducing the conflicts between the people of both the countries. They have an opportunity to respect the Indian ethnicity and taste the variety of rich and cultural Indian delicacies. The healthcare system differs from country to country, but the Indian healthcare system considered comparatively better and is one of the best in the world in the field of Pharmaceutical manufacturing, thus the foreign students will learn the system here and adopt these good practices back to their countries. Hence, as a model institute, it contributed to develop a system in other countries in the field of pharmacy.

Conclusion

At this institute every foreign individual feels homely and an environment is created that they easily

amalgamate with the Indian culture. Linguistic and traditional values of all countries are respected and accepted at this institute. India is rich in her heritage and the institute truly believes in the motto “Atithi Devo Bhava” meaning “Guest is equivalent to God”. The foreign student alumni frequently talks about the remarkable changes that this institute brought in their lives.

File Description	Document
Link for any other relevant information	View Document
Link for appropriate web in the Institutional website	View Document

NAAC

5. CONCLUSION

Additional Information :

No additional Information

Concluding Remarks :

The Karnataka Education Trust, which was established in 2003, started Karnataka College of Pharmacy [KCP] with a global vision of imparting quality education in pharmacy in the year 2004 with the Diploma and B. Pharmacy programs. As the institute provided the adequate facilities and adapted quality systems in teaching, learning, administration and management, a tremendous response in terms of admissions was received from all over. Institute is recognized globally. This enabled the institute to add many more programs such as M. Pharmacy in Pharmaceutics and M. Pharmacy in Pharmacology in the year 2009; M. Pharmacy in Pharmaceutical Analysis, M. Pharmacy in Pharmaceutical Technology, Doctor of Pharmacy in the year 2010 and Pharm. D PB in the year 2014. The core strength of institute is having qualified and experienced staff with great commitment towards their profession and research. Many of the senior faculties of the institute has been appointed as BOS chairman, Academic council and local inspection committee members of the affiliated University and also deputed as inspectors of Pharmacy council of India.

The Maha Upanishad says 'Vasudhaiva Kutumbakam' [the world is one family]. Globalization has made it possible for KCP to abide by this motto. The institute is distinguished to have more number of foreign students, over fifty percentage of its yearly intake was seen from various countries, namely, Afghanistan, Bhutan, Cameroon, Comoros, Congo, Cote D'Ivoire, D'Ivoire, Egypt, Eritrea, Ghana, Guineenne, Iraq, Iran, Ivory Costa, Kenya, Kuwait, Mali, Nepal, Nigeria, Romania, Rwanda, Saudi Arabia, Sri Lanka, Sudan, South Sudan, Syria, Tanzania, Uganda and Yemen. It was an excellent opportunity to all foreign students to come together at this institute. The institute has established its distinctive approach and trained the students to secure state level ranks, as a result of this initiative the students have been securing top ten university state ranks in all the programmes consistently.

Karnataka College of Pharmacy has strong Alumni association which was established in the year 2012. Alumni members are actively involved in providing various training and career guidance, provide the assistance in arranging various campus interviews, and gift samples for research work etc.