



## **KVM COLLEGE OF PHARMACY, CHERTHALA**

KVM College Road, Kokkothamangalam P.O, Cherthala, Alappuzha,  
Kerala, India - 688 527

## **PROSPECTUS FOR ADMISSION TO** **B.PHARM, D.PHARM, PHARM.D COURSES** **(2022-23)**

## **INTRODUCTION**

KVM College of Pharmacy located in Cherthala, Alappuzha, Kerala established in 2010 has a campus spread over a spacious area with imposing building, lush green campus & unpolluted environment with magnificent infrastructure. It is approved by AICTE & PCI New Delhi and is affiliated to Kerala University of Health Sciences (KUHS). Eminent professionals are drawn from top Pharmacy institutions of the country as faculty members to impart professional education & create the future pharmacists.

K. Velayudhan Memorial Trust, registered on 13th May 1983 with the objective of providing relief and solace to the poor and needy, mainly in Charitable and Education field. The emphasis is on Health Education, Welfare of Women, Children and Other Weaker sections of the society including Disable, Retarded and Discarded as well as Higher education in science and technology.

Over the years, the KVM Trust has earned a reputation for itself by fulfilling the educational aspirations of many and self-providing relief through its pioneering activities in educational and charity fields and by running organisations and institutions of international quality. The college setup by the KVM Trust is equipped with the excellent infrastructure and exceptional quality of teaching has been instrumental in creating the best minds in the field of Pharmacy. We believe that having established our credentials in the field of education, we need to take our commitment forward through research and innovation.

Our focus on continuous interaction with the industry, sharing the industry experiences, understanding industry needs helps KVM College of Pharmacy to provide training with required skill sets to meet industry expectations. To be a college par excellence in pharmacy education and mould future pharmacists to optimize health of all members of society through the promotion of safe, effective and rational medicine use, patient counseling and monitoring of disease management through pharmaceutical care.

### **SALIENT FEATURES:**

1. **CLASS ROOMS:** Well-furnished classrooms, equipped with modern educational aids such as computers, LCD Projector, overhead projectors, mike & speaker etc.
  2. **LABORATORIES:** Well-equipped laboratories for practical and research work are available.
- CYBERSUPPORT:** KVMCP has the system support of our sister concern, KVM College of Engineering and Information Technology.

3. **LIBRARY:** KVM College of Pharmacy has a well-stocked library which includes Reading section, Journal section, Reference and separate sections for various specialized subjects.
4. **FACULTY:** Well qualified and excellent teaching faculty for all the subjects. Professors, Associate Professors, Assistant Professors, Senior Lectures and Lectures are appointed in various departments.

### **VISION**

Adept pharmacy educated professionals: an asset to world populace.

### **MISSION**

- To provide quality pharmacy education to meet global demands in health care system.
- To satisfy the needs of today and tomorrow for continuous professional development.
- To produce competent, confident, consummate and disciplined pharmacy graduates who are world-wide employable.
- To promote and nurture socially committed pharmacy professionals through value added activities.

### **CORE VALUES**

- Quality
- Social responsibility
- Rational thinking
- Excellence and innovation
- Compassion

### **QUALITY POLICY**

KVM College of Pharmacy leaps towards eminence by embracing a framework of standard policies, procedures and plan with perpetual advancements to strengthen students' ability and competency for their impeccable contribution to the world. KVM College of Pharmacy is pledged to provide outstanding pharmaceutical education that focuses the health enrichment of the society to a great degree.

This is achieved by:

- Providing quality and efficient pharmaceutical education by implementing a well-structured academic system.
- Continuous progression in the teaching and evaluation methodology.
- Development of learning capabilities and skills of students and inculcate human values, for bright outlook in life and personality development.
- Facilitating faculty and supporting staff to update their knowledge and skills to match the industrial and technological development.

### **CURRICULAR PHILOSOPHY**

We deliver a dynamic, integrated, goal-oriented curriculum built on a foundation of science, therapeutics, skills, and with early engagement in patient care services. Our curriculum will inspire graduates for persistent attaining of knowledge, efficient health promotion and care, and enthusiasm to practice as pharmacists upon graduation. Our educational system develops an understanding for the need of pharmaceutical sciences and technology towards giving quality life to people in the society.

The goals of B.Pharm and D.Pharm course is to produce Pharmacy graduates with robust fundamental concepts and high technical competence in pharmaceutical sciences and technology. Our curriculum helps to flourish our student's potential for comprehensive analytical and critical thinking aimed at identifying, formulating and solving the issues related to Pharmaceutical Industry, Regulatory Agencies, Hospital Pharmacy & Community Pharmacy. We ensure to enhance their proficiency to analyze and interpret data generated from Formulation Development, Quality Control & Quality Assurance. We ensure our Pharm.D graduates possess the knowledge, skills and attitudes needed to provide patient-centered care as interprofessional team members and engage in the advancement of the profession of pharmacy. Our students are prepared for excellent performance in postgraduate programmes and to succeed in Pharmaceutical industry/technical professions.

Our graduates are trained to make use of basic science knowledge into clinical applications, providing comprehensive patient-centered care, managing resources and systems effectively and efficiently, and providing pharmacist-delivered healthcare services. Our educational experiences are designed to provide a strong groundwork in the socio-behavioral, administrative, clinical, and pharmaceutical sciences, a heightened perception of the economic,

cultural and social issues affecting patients and health care delivery, and the ability to utilize this knowledge and experience in collaboration with others to further practice, education, and research.

Students are also encouraged to develop and incorporate new practices that enhance public health, systems management, and pharmaceutical care in diverse populations and settings, through professional and community outreach activities.

## **COURSE DETAILS**

### **BACHELOR OF PHARMACY (B. PHARM)**

#### **Objectives of course**

The objective of the course is to mould the student to suit the varied requirements of

1. Pharmaceutical industry –Research & Development, Manufacturing, Formulation, Quality Control, Quality assurance, Packaging, Marketing.
2. Practice settings in –Hospital Pharmacy, Clinical Pharmacy and Community Pharmacy.
3. Academics.
4. Regulatory affairs.
5. Clinical Research.
6. Drug discovery and development

#### **Medium of instruction**

Medium of instruction and examinations shall be English

## **RULES, REGULATIONS AND COURSE DETAILS**

#### **Program/Course credit structure**

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.

#### **Theory and Laboratory courses**

##### **a. Credit assignment**

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course

having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

#### **b. Minimum credit requirements**

The minimum credit points required for award of a B. Pharm degree is 210. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester– wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester–wise schedule of courses given in the syllabus. The lateral entry students shall get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of ‘Communication Skills’ (Theory and Practical) and ‘Computer 3 Applications in Pharmacy’ (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

#### **Academic work**

A regular record of attendance both in Theory and Practical shall be maintained by the teaching staff of respective courses.

#### **Course of study**

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table–I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table–I to VIII.

**Table-I: Course of study for semester I**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I– Theory	3	1	4
BP102T	Pharmaceutical Analysis I-Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2

BP106RBT	Remedial Biology – Theory *	2	-	2
BP106RMT	Remedial Mathematics– Theory*			
BP107P	Human Anatomy and Physiology I– Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4		2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
	<b>TOTAL</b>	32/34 <sup>§</sup> /36 <sup>#</sup>	4	27/29 <sup>§</sup> /30 <sup>#</sup>

# Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

§ Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

\* Non University Examination (NUE)

### **Table-II: Course of study for semester II**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II– Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I– Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology - Theory	3	1	4
BP205T	Computer Applications in Pharmacy- Theory*	2	-	3
BP206T	Environmental sciences- Theory*	2	-	3
BP207P	Human Anatomy and Physiology II– Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4	-	2
BP209P	Biochemistry – Practical	4		2
BP210P	Computer Applications in Pharmacy- Practical*	2	-	1
	<b>TOTAL</b>	<b>32</b>	<b>4</b>	<b>29</b>

\* Non University Examination (NUE)

### **Table-III: Course of study for semester III**



Course	Name of the Course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II– Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP308P	Pharmaceutical Engineering – Practical	4	-	2
	<b>TOTAL</b>	<b>28</b>	<b>4</b>	<b>24</b>

**Table-IV: Course of study for semester IV**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4
BP402T	Medicinal Chemistry I- Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I– Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4
BP406P	Medicinal Chemistry I- Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4	-	2
BP408P	Pharmacology I– Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I– Practical	4	-	2
	<b>TOTAL</b>	<b>31</b>	<b>5</b>	<b>28</b>

**Table-V: Course of study for semester V**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II- Theory	3	1	4
BP502T	Formulative Pharmacy–Theory	3	1	4
BP503T	Pharmacology II– Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Formulative Pharmacy- Practical	4	-	2
BP507P	Pharmacology II– Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II– Practical	4	-	2
	<b>TOTAL</b>	<b>27</b>	<b>5</b>	<b>26</b>

**Table-VI: Course of study for semester VI**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III- Theory	3	1	4
BP602T	Pharmacology III– Theory	3	1	4
BP603T	Herbal Drug Technology –Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance –Theory	3	1	4
BP607P	Medicinal Chemistry III- Practical	4	-	2
BP608P	Pharmacology III– Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
	<b>TOTAL</b>	<b>30</b>	<b>6</b>	<b>30</b>

**Table-VII: Course of study for semester VII**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial Pharmacy – Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4
BP704T	Novel Drug Delivery System – Theory	3	1	4

BP705P	Instrumental Methods of Analysis – Practical	4	-	2
BP706S	Practice School*	12	-	6
	<b>TOTAL</b>	<b>28</b>	<b>4</b>	<b>24</b>

\* Non University Examination (NUE)

**Table-VIII: Course of study for semester VIII**

Course	Name of the Course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharmaceutical Marketing	3+3=6	1+1=2	4+4=8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbs			
BP807ET	Computer Aided Drug Designing			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812PW	Project work	12	-	6
	<b>TOTAL</b>	<b>24</b>	<b>4</b>	<b>22</b>

**Table-IX: Semester wise credits distribution**

SEMESTER	CREDIT POINTS
I	27/29 <sup>§</sup> /30 <sup>#</sup>
II	29
III	24
IV	28
V	26
VI	30
VII	24
VIII	22
Extracurricular/ Co-curricular activities	01*
Total credit points for the program	211/213 <sup>§</sup> /214 <sup>#</sup>

\* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time. <sup>§</sup> Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course. <sup>#</sup> Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

### **Internal assessment: Continuous mode**

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

**Table-XI: Scheme for awarding internal assessment: Continuous mode**

<b>Theory</b>	
Criteria	Maximum Marks
Attendance (Refer Table–XII)	4
Academic activities (Average of any 3 activities e.g. quiz, assignment, open Book test, field work, group discussion and seminar)	3
Student–Teacher interaction	3
<b>Total</b>	<b>10</b>
<b>Practical</b>	
Attendance (Refer Table–XII)	2
Based on Practical Records, Regular viva voce, etc.	3
<b>Total</b>	<b>5</b>

**Table- XII: Guidelines for the allotment of marks for attendance**

Percentage of Attendance	Theory	Practical
95–100	4	2
90–94	3	1.5
85–89	2	1
80–84	1	0.5
Less than 80	0	0

### **Sessional Exams**

Two Sessional exams shall be conducted for each theory/practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables–X. Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly, Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks.

### **Promotion and award of grades**

A student shall be declared PASS and eligible for getting grade in a course of B. Pharm. Program if he/she secures at least 50% marks in that particular course. For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 and has to secure a minimum of 25 marks for the total 50 in End semester practical examination.

### **Carry forward of marks**

In case a student fails to secure the minimum 50% in any Theory or Practical course, then he/she shall reappear for the end semester examination of that course. However, his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

### **Improvement of internal assessment**

A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

### **Re-examination of end semester examinations**

Re-examination of end semester examination shall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified from time to time.

**Table-XIII: Tentative schedule of end semester examinations**

<b>Semester</b>	<b>For Regular Candidates</b>	<b>For Failed Candidates</b>
I, III, V and VII	November/ December	May/June
II, IV, VI and VIII	May/June	November/ December

### **Academic Progression**

No student shall be admitted to any examination unless he/she fulfills the norms given. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are success fully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI semesters till the VII semester examinations. However, he/she shall not be eligible to get the course completion certificate (Answer all the questions) I. Long Answers II. Short Answers = = 02 x 10 = 20 07

$10 \times 05 = 50$  III. Objective type questions =  $10 \times 02 = 20$  Total = 75 Marks 19 Until all the courses of I to VIII semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI semesters till the VII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of all semesters are successfully completed.

A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms specified in 26.

Any student who has given more than 4 chances for successful completion of I/III semester courses and more than 3 chances for successful completion of II/IV semester courses shall be permitted to attend V/VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

Note: Grade AB should be considered as failed and treated as one head for deciding academic progression. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

### **Project work**

All the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students).

### **Industrial training**

Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester–VI and before the commencement of Semester–VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

### **Practice School**

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time. At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college level and grade point shall be awarded.

### **Award of Ranks**

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the B. Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm program in minimum prescribed number of years, (four years) for the award of Ranks.

### **Award of degree**

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

### **Duration of the program**

The course of study for B. Pharm shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

### **Duration for completion of the program of study**

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

### **Re-admission after break of study**

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee. No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to rejoin the program by paying the required fees.

### **Records**

The students are expected to perform the number of experiments listed in the respective syllabus. Students are required to maintain practical records for each of the practical subjects and should be certified by the faculty in-charge before registering for end semester examination. It should be produced at the time of practical examination and to be certified by both internal and external examiners.

## **EXAMINATIONS**

### **Eligibility to appear for exams**

A candidate is eligible for registering for the examinations only if he/she secures a minimum of 50% marks in internal assessment in theory and practical separately.

### **Partial appearance for the examinations**

A candidate is allowed partial appearance for the University examinations, including practical examinations, provided he/ she has 80% attendance in all subjects, in theory and practical separately.

### **Eligibility for appearance for supplementary examinations**

A candidate can register for supplementary examinations if he/she has 80 % attendance in theory and practical separately for that subject/s and has minimum 50% Internal Assessment marks in theory and practical separately in that subject/s.

## **DOCTOR OF PHARMACY (PHARM.D)**



### **Objectives of course**

The Doctor of Pharmacy education will aim at producing post graduates, having profound knowledge of pharmacy supplemented with knowledge of scientific advances in Modern medicine along with extensive practical training; who will become efficient Physicians fully competent to serve the health care professional. The aim of the course is to mould the student to suit the varied requirements of i. Practice settings in – Hospital Pharmacy and Community Pharmacy. ii. Clinical Pharmacy services a. Patient counseling b. Drug information c. Therapeutic Drug Monitoring(TDM) and Dose calculation iii. Academics. iv. Regulatory affairs.

### **Medium of instruction**

The medium of instruction for the course shall be English.

### **RULES AND REGULATIONS**

The course of study for Pharm.D shall include the subjects as given in the Tables below. The number of hours in a week, devoted to each subject to its teaching in theory, practical and tutorial shall not be less than that noted against it in columns (3), (4) and (5) below

#### **First Year**

Sl No:	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
	<b>Total hours</b>	16	18	6=(40)

\* Only for Biology

#### **Second Year**

Sl No:	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
	<b>Total hours</b>	17	9	6=(32)

### **Third Year**

Sl No:	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
3.1	Pharmacology-II	3	3	1
3.2	Pharmaceutical Analysis	3	3	1
3.3	Pharmacotherapeutics-II	3	3	1
3.4	Pharmaceutical Jurisprudence	2	-	-
3.5	Medicinal Chemistry	3	3	1
3.6	Pharmaceutical Formulations	2	3	1
	<b>Total hours</b>	16	15	6=(36)

### **Fourth Year**

Sl No:	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	<b>Total hours</b>	15	12	6=(33)

### **Fifth Year**

Sl No:	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
5.1	Clinical Research	3	-	1
5.2	Pharmacoepidemiology and Pharmacoeconomics	3	-	1
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	-	1
5.4	Clerkship *	-	-	1
5.5	Project work (Six Months)	-	20	-
	<b>Total hours</b>	8	20	4=(32)

\*Attending ward rounds on a daily basis.

### **Sixth Year**

Internship or residency training, including postings in specialty units. The student should independently provide the clinical pharmacy services to the allotted wards.

- (i) Six months in General Medicine department, and
- (ii) Two months each in three other speciality departments.

### **Duration**

The duration of the course shall be six academic years (five years of study and one year of internship or residency) full time with each academic year spread over a period of not less than 200 working days. The period of six years duration is divided into two phases –

Phase I – consisting of first, Second, Third, fourth and the fifth academic year.

Phase II – consisting of internship or residency training during the sixth year involving posting in specialty units.

It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services and acquires skill under supervision so that he or she may become capable of functioning independently.

### **Teaching, learning methods**

Classroom lectures using Blackboard and PowerPoint presentations. Teaching with Counselling heads, Case presentations, Seminar, Clerkships and projects and any other methods decided by the respective H.O.D's.

### **Practical training**

**Hospital postings (2<sup>nd</sup>, 3<sup>rd</sup> 4<sup>th</sup> Pharm.D)** in various departments designed to complement the lectures by providing practical clinical discussion; attending ward rounds; follow up the progress and changes made in drug therapy in allotted patients; case presentation upon discharge. Students are required to maintain a record of cases presented and the same should be submitted at the end of the course for evaluation. The student shall be trained to understand the principle and practice involved in selection of drug therapy including clinical discussion. Every student shall be posted in constituent hospital for a period of not less than fifty hours to be covered in not less than 200 working days in each of second, third & fourth year course. Each student shall submit report duly certified by the preceptor and duly attested by the Head of the Department or Institution as prescribed.

A minimum of 20 cases should be presented and recorded covering most common diseases.

**Hospital posting (5<sup>th</sup> Pharm.D)**- In the fifth year, every student shall spend half a day in the morning hours attending ward rounds on daily basis as a part of clerkship. Theory teaching may be scheduled in the afternoon.

### **Project work**

Project work is to allow the student to develop data collection and reporting skills in the area of community, hospital and clinical pharmacy, a project work shall be carried out under the supervision of a teacher. Project work shall be presented in a written report and as a seminar at the end of the year. External and the internal examiners shall do the assessment of the project work.

## **EXAMINATIONS**

### **Eligibility to appear for exams**

Only such students who produce certificate from the Head of the Institution in which he or she has undergone the Pharm.D. course, in proof of his or her having regularly and satisfactorily undergone the course of study by attending not less than 80% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at examination.

### **Schedule of Regular/Supplementary exams**

There will be one main examinations and one supplementary examination six months apart in each year.

### **Details of theory exams**

Duration, Type of questions & number of questions and marks: As mentioned in model question paper as given in curriculum

- (i) Theory examination shall be of three hours and practical examination shall be of four hours duration.
- (ii) Theory examination is for 70 marks consisting of three essay questions each carrying 10 marks ( $3 \times 10 = 30$ ) and eight short notes each carrying 5 marks ( $8 \times 5 = 40$ )
- (iii) The practical examination shall be evaluated jointly by an internal and an external examiner appointed by the University.
- (iv) Practical examination shall also consist of a viva –voce (Oral) examination. 70 marks for practical examination in each subject are inclusive of 15 marks Viva voce
- (v) A Student who fails in theory or practical examination of a subject shall reappear both in theory and practical of the same subject.
- (vi) Clerkship examination - Oral examination shall be conducted after the completion of clerkship of students. An external and an internal examiner will evaluate the student. Students may be asked to present the allotted medical cases followed by discussion. Students' capabilities in delivering clinical pharmacy services, pharmaceutical care planning and knowledge of therapeutics shall be assessed.

### **Minimum marks for passing examination:**

A student shall not be declared to have passed examination unless he or she secures at least 50% marks in each of the subjects separately in the university theory examinations, practical examinations and 50% marks in each of the theory and internal assessment taken together and 50% in practical examinations including internal assessment marks.

Note: Total sessional marks is 30 (20 for practical sessional plus 10 marks for regularity, promptness, viva-voce and record maintenance).

## **INTERNSHIP**

### **Eligibility for internship**

The student will join the compulsory rotatory internship programme after passing the final professional examination. Every candidate shall be required, after passing the final Pharm.D examination as the case may be to undergo compulsory rotational internship to the satisfaction of the College authorities and University concerned for a period of twelve months so as to be eligible for the award of the degree of Pharm.D as the case may be.

### **Details of internship, Duration**

Internship or residency training including postings in speciality units. Student should independently provide the clinical pharmacy services to the allotted wards. (i) Six months in General Medicine department, (ii) Two months each in three other speciality departments

### **Extension rules**

Extension of internship: Internship shall be extended by the number of days the students remains absent. These extended days of internship should be completed in the respective external/internal institution.

Any other leave other than eligible leave less than six months has to be compensated by extension granted by the principal.

### **Details of Training given**

#### **Sixth Year:**

Internship or residency training including postings in specialty units. Student should independently provide the clinical pharmacy services to the allotted wards.

Six months in General Medicine department, and Two months each in three other speciality departments.

#### **Check Lists for Monitoring:**

Log Book, Seminar Assessment etc., to be formulated by the curriculum committee of the concerned Institution

## **DIPLOMA IN PHARMACY (D.PHARM)**

**Course Objectives:**

The course objectives describe the key topics that are intended by the teacher to be covered in the course. In general, these are more specific than the scope and broader than the course outcomes. The teacher is expected to discuss the objectives of the course with the students and break-down the course objectives into micro levels as objectives of a specific topic / objectives of a specific lecture, etc. Such an exercise shall make the students to understand the significance of the course / topic / lecture and enhance their attention on the course / topic / lecture.

**Theory Courses:**

The theory courses basically provide concepts and explain the relationships between the concepts. Understanding of the theoretical courses enable the students to identify the problems in real life situation and make a plan for addressing such problems. Also, the theory course helps to understand what is not known and thus is the tool for accumulation of knowledge. The syllabus of the theory courses has been systematically and logically described as different chapters and the minimum number of hours to be spent on teaching are mentioned chapter wise and course wise. The teachers shall further distribute the total hours of any given chapter among the sub-topics as required by the subject matter.

**Practical Courses:**

The practical courses are designed for applying the theoretical knowledge in the given experimental / simulated conditions. The practical courses deepen the understanding of theories, develop the skills, hone professional competencies, provide opportunities to observe, think and analyse problem solving methods. Further, they help to gain experience with the real things in practice. The teachers shall train the students in actual / simulated practical conditions.

**Tutorials:**

The purpose of the tutorial hour is typically to engage the students in smaller groups in order to pay a closer attention on their learning process. This is an opportunity for the students to complete their assignments, develop specific skills, discuss any problems in the study topics in a less formal way. During the tutorial hour, the students shall exchange their ideas within the small group, and learn to accept constructive criticism and listen to others. Also, the tutorial hour enables the teachers to closely monitor the progress of the individual student and provide additional academic support to individuals, if necessary.

**Assignments:**

The purpose the assignments are to encourage the students for self directed learning. Further, the assignments will provoke critical thinking, enhance the skills such as literature search, data

mining, data interpretation, report formatting, time-management, and written communication. This is also a mode of self assessment for the student about the level of understanding of the concepts of a particular course. The teachers shall apply their knowledge and wisdom in choosing the assignment topics at a micro level in alignment with the topics given in the syllabus. The assignments shall be evaluated against a set of criteria. A typical format for the assessment of an assignment is given.

Directions: For evaluation, enter rating of the student utilizing the following scale: 5 – Excellent; 4 - Very Good; 3 – Good; 2 – Satisfactory; 1 – Poor

Assessment Criteria	Score	Comments if any
a. Relevance with the content		
b. Use of resource material		
c. Organization & mechanical accuracy		
d. Cohesion & coherence		
e. Language proficiency & Timely submission		
Total Score		

### **Field Visits:**

The purpose of field visits is to provide a real-world experience to the students. The field visits will help them to realize that what they learn within the walls of the classroom / laboratory can help them solve the problems they see in the world around them. Also, this is helpful to the teachers to widen their horizons of knowledge and broadening the scope of the syllabus. Every student shall submit a report describing their objectives, experience, learning points, etc. pertaining to the field trip, in the typical format given.

### **Practical Training:**

The goal of the practical training for the students is to provide a real-time, supervised experience on the professional tasks emphasised in their course of study. Further, it helps them to apply their acquired knowledge and skills in the professional working environment. The practical training intensively prepares the students with adequate competencies and qualifications required for the career opportunity in the future. Thus, the ER 2020 D.Pharm syllabus is designed to nurture the students in all the three domains of Bloom's Taxonomy viz. cognitive (knowledge), affective (attitude) and psychomotor (skills). Further, it also provides



ample of scope to the students for different learning styles viz. visual, auditory and kinaesthetic, i.e., 'see, hear and do'.

### **Guidelines for the conduct of theory examinations**

#### **Sessional Examinations**

There shall be two or more periodic sessional (internal assessment) examinations during each academic year. The duration of the sessional exam shall be 90 minutes. The highest aggregate of any two performances shall form the basis of calculating the sessional marks. The scheme of the question paper for theory sessional examinations shall be as given below.

- |      |  |                    |
|------|--|--------------------|
| I.   | Long Answers (Answer 3 out of 4)   | $3 \times 5 = 15$  |
| II.  | Short Answers (Answer 5 out of 6)  | $5 \times 3 = 15$  |
| III. | Objective type Answers (Answer all 10 out of 10)   | $10 \times 1 = 10$ |
|      | (Multiple Choice Questions / Fill-in the Blanks /<br>One word OR one Sentence questions) |                    |

**Total = 40 marks**

**Internal assessment:** The marks secured by the students out of the total 40 shall be reduced to 20 in each sessional, and then the internal assessment shall be calculated based on the best two averages for 20 marks.

#### **Final Board / University Examinations**

The scheme of the question paper for the theory examinations conducted by the examining authority (Board / University) shall be as given below. The duration of the final examination shall be 3 hours.

- |      |  |                    |
|------|--|--------------------|
| I.   | Long Answers (Answer 6 out of 7)   | $6 \times 5 = 30$  |
| II.  | Short Answers (Answer 10 out of 11)  | $10 \times 3 = 30$ |
| III. | Objective type Answers (Answer all 20)   | $20 \times 1 = 20$ |
|      | (Multiple Choice Questions / Fill-in the Blanks /<br>One word OR one Sentence questions) |                    |

**Total = 80 marks**

### **Guidelines for the conduct of practical examinations**

#### **Sessional Examinations**

There shall be two or more periodic sessional (internal assessment) practical examinations during each academic year. The duration of the sessional exam shall be three hours. The highest

aggregate of any two performances shall form the basis of calculating the sessional marks. The scheme of the question paper for practical sessional examinations shall be as given below.

I.	Synopsis	= 10
II.	Experiments	= 50*
III.	Viva voce	= 10
IV.	Practical Record Maintenance	= 10

**Total = 80 marks**

\* The marks for the experiments shall be divided into various categories, viz. major experiment, minor experiment, spotters, etc. as per the requirement of the course.

**Internal assessment:** The marks secured by the students out of the total of 80 shall be reduced to 10 in each sessional, and then the internal assessment shall be calculated based on the best two averages for 10 marks from the sessional and other 10 marks shall be awarded as per the details given below.

Actual performance in the sessional examination = 10 marks

Assignment marks (Average of three) = 5 marks\*

Field Visit Report marks (Average for the reports) = 5 marks<sup>\$</sup>

**Total = 20 marks**

\*, <sup>\$</sup> Only for the courses given with both assignments and field visit/s

**Note:**

1. For the courses having either assignments or field visit/s, the assessments of assignments or field visit/s shall be done directly for 10 marks and added to the sessional marks.
2. For the courses not having both assignment and field visit, the whole 20 marks shall be calculated from the sessional marks.

**Final Board / University Examinations**

The scheme of the question paper for the practical examinations conducted by the examining authority (Board / University) shall be as given below. The duration of the final examination shall be 3 hours.

I.	Synopsis = 10
II.	Experiments = 60*
III.	Viva voce = 10

**Total = 80 marks**

\* The marks for the experiments shall be divided into various categories, viz. major experiment, minor experiment, spotters, etc. as per the requirement of the course.

**D.Pharm Part 1**

Sl. No.	Course Code	Name of the Course	Total Theory / Practical Hours	Total Tutorial Hours	Theory / Practical Hours per Week	Tutorial Hours per Week
1	ER20-11T	Pharmaceutics– Theory	75	25	3	1
2	ER20-11P	Pharmaceutics– Practical	75	-	3	-
3	ER20-12T	Pharmaceutical Chemistry – Theory	75	25	3	1
4	ER20-12P	Pharmaceutical Chemistry – Practical	75	-	3	-
5	ER20-13T	Pharmacognosy – Theory	75	25	3	1
6	ER20-13P	Pharmacognosy – Practical	75	-	3	-
7	ER20-14T	Human Anatomy & Physiology – Theory	75	25	3	1
8	ER20-14P	Human Anatomy & Physiology – Practical	75	-	3	-
9	ER20-15T	Social Pharmacy – Theory	75	25	3	1
10	ER20-15P	Social Pharmacy – Practical	75	-	3	-

**D.Pharm Part 2**

Sl. No.	Course Code	Name of the Course	Total Theory / Practical Hours	Total Tutorial Hours	Theory / Practical Hours per Week	Tutorial Hours per Week
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1	ER20-21T	Pharmacology – Theory	75	25	3	1
2	ER20-21P	Pharmacology – Practical	50	-	2	-
3	ER20-22T	Community Pharmacy & Management – Theory	75	25	3	1
4	ER20-22P	Community Pharmacy & Management – Practical	75	-	3	-
5	ER20-23T	Biochemistry & Clinical Pathology – Theory	75	25	3	1
6	ER20-23P	Biochemistry & Clinical Pathology – Practical	50	-	2	-
7	ER20-24T	Pharmacotherapeutics – Theory	75	25	3	1
8	ER20-24P	Pharmacotherapeutics – Practical	25	-	1	-
9	ER20-25T	Hospital & Clinical Pharmacy – Theory	75	25	3	1
10	ER20-25P	Hospital & Clinical Pharmacy – Practical	25	-	1	-
11	ER20-26P	Pharmacy Law & Ethics	75	25	3	1

### **FACULTY DETAILS**

Department	Designation	No: of staffs
	Professor	2
	Associate Professor	3

Department of Pharmaceutics	Assistant Professor	4
Department of Pharmaceutical Chemistry (Including Pharmaceutical Analysis)	Professor	1
	Associate Professor	3
	Assistant Professor	3
	Lecturer	1
Department of Pharmacology	Professor	1
	Associate Professor	1
	Assistant Professor	3
Department of Pharmacognosy	Professor	1
	Associate Professor	1
	Assistant Professor	1
Department of Pharmacy Practice	Professor	1
	Associate Professor	4
	Assistant Professor	4

## **POLICY ON ADMISSION**

### **NUMBER OF SEATS**

The maximum number of seats in the College is as per the sanction obtained by the College from the PCI/ Kerala University of Health Sciences, Thrissur/DME.

The Government and the respective Managements are in the process of negotiation for seat sharing. The current understanding is that the Managements may permit the Government to fill up 50% of seats for B.Pharm, D.Pharm & M.Pharm and 100% seats in Pharm.D is filled by the concerned managements. Hence this prospectus is for taking of the 50% seats in B.Pharm, D.Pharm & M.Pharm, and 100% seats in Pharm.D. In case no agreement is arrived at, the Colleges will fill-up the entire seats. Seats that may remain unfilled by the Government (in case seats are shared) also will be filled by the Colleges concerned. If Govt. shows interest in sharing the seats of Pharm.D, 50% of the seats will be allotted as per the outcome of the discussion with Govt.

### **ELIGIBILITY FOR ADMISSION**

#### **(i) Academic**

- a) **B.Pharm:** Candidates shall have passed 10+2 examination conducted by the respective State/Central Government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics/Biology as optional subjects , with 50 % marks in Physics, Chemistry, Mathematics/Biology put together and 50% marks in Mathematics/Biology separately.
- b) **Pharm.D:** (a) Candidates who have passed Higher Secondary Examination, Kerala or examinations recognized as equivalent thereto, with 50% marks in Biology/ Mathematics separately and 50% marks in Physics, Chemistry and Biology/Mathematics put together are eligible.

OR

- (b) A pass in D.Pharm Course with a minimum of 50% marks in D.Pharm examination from an institution approved by Pharmacy Council of India under Section 12 of the Pharmacy Act. (3) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.
- c) **D.Pharm:** A pass in any of the following Examinations with Physics, Chemistry and Biology or Mathematics: i) Intermediate examination in science, ii) the first year of three year degree course in science, iii) 10+2 examination (academic stream) in science, iv) pre-degree examination, or v) any other qualifications approved by PCI as equivalent to any of the above examinations.

**N.B :** However candidates who have passed their qualifying examination from outside the state of Kerala shall produce the certificate of recognition and equivalency of qualifying examination from Kerala University of Health Sciences, Thrissur. This should be furnished at the time of admission. Eligibility for admission to the candidates belonging to OBC, OEC, SC/ST will be as per the requirements of the Kerala University of Health Sciences, Thrissur. (Individual Member Colleges will have the right to fix higher eligibility criteria for admission in all courses.)

The Eligibility given above is minimum eligibility and the Member Colleges will have the right to fix higher eligibility criteria to maintain quality

**ii) Age**

Applicants should have completed 17 years of age on 31/12/2022. No upper age limit for B.Pharm, Pharm.D & D.Pharm courses. Copy of relevant page of school record namely SSLC/CBSE/ICSE certificate showing the date of birth/copy of the birth certificate from appropriate authority should be with the application.

**iii) Nationality**

Candidates must be citizens of India.

**HOW TO APPLY**

The candidates shall apply online for B.Pharm, Pharm.D& D.Pharm courses mentioned above.

The link for applying is available in the Association website [www.ksspcma.com](http://www.ksspcma.com).

Fee for Online application is Rs.1000/-. Payment can be done only through Online / Bank Transfer of the following Bank Account of KSSBCMA.

A/c Holder Name : Kerala State Self-Financing B.Pharm College Management Association

A/c No : 0552053000001348

IFSC : SIBL0000552

Branch : The South Indian Bank Limited, North Chalakudy, Thrissur – 680 307

**Note:**

1. One Applicant can opt any 10 Member Colleges with one payment.
2. Incomplete or delayed application form will not be accepted.
3. The last date for submitting online application is 16/09/2022

4. Application form submitted (Online) after the above mentioned cut off date will not be considered by the Association.
5. Applications without documents in proof of claims made therein will be summarily rejected without further intimation. Documents / certificates furnished after submission of the application will not be entertained under any circumstances, further no opportunity will be permitted to incorporate any details or document after the submission of the application. Late and incomplete applications will be rejected.

### **SELECTION PROCEDURE**

#### **Preparation of common Merit list and Allotment of candidates:**

Admissions will be done on the basis of marks obtained by the candidates in the qualifying examinations as mentioned below.

The marks obtained by the candidates in the relevant subjects in the qualifying examination conducted by various Boards or authority of other states shall be equated with the marks obtained by the candidates in the same subjects in the qualifying examination conducted by the Director of HSE, Kerala. Marks obtained by the candidates under various streams of examinations such as HSE in Kerala/CBSE/ICSE etc. will be subject to the process of normalization.

Explanation: Under the method of normalization, the highest mark obtained by students of various Boards in each subject shall be equated to the highest mark obtained by the students of the Kerala Higher Secondary examination in that subject and the relative marks obtained by other students in that subject shall be determined accordingly.

Illustration: If the highest marks secured by the student of the Kerala state HSE, in Physics is 100 and the highest mark secured by a student on any other board in the same subject is 90, both the highest marks will be considered to be equal to 100, if a student of the other board secures 60 marks in Physics when the highest mark in Physics in the same board is 90, the 60 marks will be considered to be equal to 66.67marks as arrived at below:

$$100 \times 60 / 90 = 66.66\%$$



Those candidates, who have passed the qualifying examination of any state other than Kerala, will be treated at par with those students who have passed the Higher Secondary Exam of this state. Since the normalized marks depend on the applications of a College, the index marks of an applicant may vary from college to College.

For allotment of D.Pharm students to the Pharm.D course, Rank List will be prepared on the basis of the marks obtained by candidates in first and second year of D.Pharm examination from an institution approved by PCI under section 12 of the Pharmacy Act.

### **PUBLICATION OF RANK LIST**

The Rank list will be published by the Association in its website [www.ksspcma.com](http://www.ksspcma.com) and the allotment memo will be sent to the candidate by the Association based on the rank and options given by the candidate. The respective Colleges will be admitting the students as per the allotment memo.

- i. In the case of a tie in the total marks, the marks in Chemistry in the qualifying examination will be counted. If there is still a tie, the marks in physics will be counted. If a tie still exists, the age of the candidate will be taken into account, the elder preferred to the younger. If a tie again exists, the alphabetical ascending order of the name of the candidates in English will be taken into account.
- ii. Furnishing false information/particulars would result in the forfeiture of the candidature as well as cancellation of admission to the course, and in addition, will attract the relevant provisions of criminal law of the land.
- iii. Seats lying vacant under the Govt. Merit Quota after the date fixed for the completion of admission will be treated as lapsed seats and can be filled up by the respective Colleges from among the applications received from the eligible candidates. In case there is sufficient / eligible candidates are not found the College can individually invite applications.

### **LIST OF COPIES OF FOLLOWING CERTIFICATE / DOCUMENTS** **ATTESTED BY GAZETTE OFFICER / HEAD OF THE INSTITUTION WHERE** **THE STUDENT HAD LAST STUDIED TO BE SUBMITTED WITH THE** **APPLICATION.**

- a) 12th / 10th certificate in proof of the date of birth.

- b) Mark list of qualifying examination.
- c) Caste Certificate / Community certificate and income certificate to prove eligibility for reservation in the case of eligible candidates.
- d) Candidates should enclose a self-addressed envelope (25x12 cm size) with Indian postage stamp/ stamps sufficient for sending the Selection Memo by Registered post with set of application form.
- e) GPAT Score Card (if Applicable)
- f) Candidates who have passed their B.Pharm course from Universities outside Kerala must attach the Equivalency / Eligibility Certificate.

Note:

- 1. Applications received late will not be accepted.
- 2. Incomplete applications will be rejected.
- 3. Candidates should not enclose any original certificate along with the application.

### **ADMISSION PROCEDURE**

- i. Originals of all certificates/documents enclosed with the application should be submitted at the time of admission to the respective Colleges.
- ii. The candidate shall pay 1<sup>st</sup> year full fee at the time of admission. The fee from Second year onwards shall be paid at the beginning of the receptive academic year.
- iii. Physical fitness certificate, conduct certificate and transfer certificate originals should be submitted at the time of admission to the respective Colleges.
- iv. The responsibility of the Association is limited to the publication of the Prospectus, Making notification, Selection procedures, Publication of Rank List, Selection memo.

### **RESERVATION OF SEATS**

- i. Minority institutions will have the freedom to fix appropriate reservations to their community. In case of agreement with Govt. the reservation seats will be allotted from the Govt. Seats. These details can be seen in the pages allotted for each College.
- ii. Minority institutions will have the freedom to fix appropriate reservations to their community.

### **NRI Seats**

15% of the total seats are marked for NRI Candidates.

The Tuition fee of 85 % open merit quota and 15 % for NRI quota seats shall be as per the ASC order No. FRC AFRC 50/18/PHARMACY/KSSPCMA dated 18/06/2018.

### **How to apply for NRI Seats**

- ✓ The applicant opting for NRI seat should secure minimum marks required for selection to the respective courses. The documents to be presented for admission under NRI quota are Sponsorship Certificate in the stamp paper & declaration of the Sponsor.
- ✓ Employment Certificate of the Sponsor
- ✓ Valid passport copy of the Sponsor with Embassy Certificate/Consulate/Green card documents /OCI Documents of their respective sponsors. In case of non –submission of embassy certificate, the endorsement in the passport of the sponsor about the employment shall be accepted or employment contract.
- ✓ Visa Copy of the Sponsor with Embassy Attestation
- ✓ The attested copy of the relevant page of the passport where Employment Visa is stamped and if it is not submitted the employment certificate duly attested by the Indian Embassy or consulate.
- ❖ Relationship Certificate from the Village Officer / Tahsildar
- ❖ Relationship with sponsor should comply the Government order No. GO(MS) No. 193/2013/ H & F W D dtd. 22.05.2013 & KUHS order No. 2836/ACB/kuhs/2014 dated 12/06/2014.

### **SCHOLARSHIP**

Scholarship will be given subject to a maximum of 50% of the fees payable by other regular candidates in the respective Colleges, to candidates who are economically backward. This benefit will be given to a maximum of 3 seats in each course and subject to the passing of all continued examinations and continued good conduct. The Management will have the freedom to verify the family income and if found incorrect appropriate action deemed fit will be taken by the management. This will be at the decision of individual Member Colleges. In any case, this will not be the right of any student.

### **REFUND/ADJUSTMENT OF FEES**

In the case of SC/ST candidates, they should remit their first year fee to the concerned Colleges at the time of admission. The same will be refunded in case the Govt. pay the fees to the College.

### **DISCONTINUATION OF THE COURSE AND PAYMENT OF LIQUIDATED DAMAGES**

Only those students who are really interested for the courses in our Member Colleges shall apply and join. No one shall treat these courses and our Member Colleges as a space to occupy till the course of your choice arrives. If any candidate discontinues the course after cut of date of admissions or such date as could be decided by the competent authority including the court of Law, the candidate has to pay liquidated damages decided by the authorities concerned/ASC/Court of Law.

### **OTHER IMPORTANT INFORMATION / POINTS**

1. No request for change of selection processes will be entertained, nor will the Association entertain enquiries with regard to date of publication of the results.
2. If any candidate discontinues the course after closing of admissions as notified by the Association, the candidate has to pay liquidated damages as per decision of AFRC/Court of Law.
3. **Prohibition of Ragging:** Ragging in any form which includes harassment by word, action, gesture, intimidation, coercion, physical or mental insult / assault, teasing etc. which are capable of causing mental / physical stress or moral torture or agony to other students or staff inside / outside the premises of the College or hostel etc. is strictly coming under the word Ragging and is prohibited in all the Member Colleges. All the Member Colleges are committed to abolish Ragging in their campus. Hence, any student who indulges in any form of Ragging will be subject to penal action as per provisions of law. Students and parents shall at the time of admission furnish an Affidavit to the effect that the student shall not indulge in any form of Ragging.
4. No mark will be allotted for interview.
5. Every student is required to adhere strictly to the code of conduct and discipline of the institution to which he /she is admitted.
6. The application form shall be filled after reading& understanding of this Prospectus.
7. No political activities will be permitted in the College. No students unions or association based on politics shall be organized in the College. No flag or posters of political or any

organization shall be organized in the College. Any such activity will invite strict disciplinary action including removal from College.

### **ADDITIONAL INFORMATION**

1. All the Pharmacy Courses are non-vacation courses. And so no student shall claim for vacation or study leave unless or otherwise the Government or University declare so.
2. Strict attendance and discipline shall be maintained.
3. Misusing social media or other media to cause disgrace to our Member Colleges by any student of the member college or any person will attract legal and disciplinary action.
4. Students who apply for the course in any of the Member Colleges of KSSPCMA shall join the College after enquiring thoroughly about the rules and regulation of the College. No excuses will be entertained later.
5. Mass bunking of class is an offence. The Member Colleges will take action against any such act from the side of students.
6. Minimum academic days fixed by the approving authorities do not mean that working days shall not exceed the number. All Colleges will make attempt to avail maximum working days to make sure excellent quality for the course transacted.
7. All students shall make the annual fee payment on the first day of June every academic year. The College will not be responsible for the delay in starting next year classes due to the delay in the conduct of annual exam by University / any other reasons. Delay in fee payment will attract fine as per the policies of individual Member Colleges.
8. Every Member Colleges will be having its own Uniform for the students. All students who join our Member Colleges have to follow the Uniform and Dress code of the Colleges strictly.
9. Identity card is a must for all students to enter the College Campus of our Member Colleges.

### **FEE STRUCTURE 2022-23 ACADEMIC YEAR**

#### **FEE FOR B.PHARM COURSE**

<b>Particulars</b>	<b>Fee for 1<sup>st</sup> year</b>	<b>Fee for 2<sup>nd</sup> year</b>	<b>Fee for 3<sup>rd</sup> Year</b>	<b>Fee for 4<sup>th</sup> Year</b>
Tuition fees	98000	98000	98000	98000
Admission Fees	2500	0	0	0

Statutory Body Fee	10000	10000	10000	10000
Stationary	5000	5000	5000	5000
Medical Checkup & Vaccination, Health Insurance	2500	2500	2500	2500
Internet Charges	4500	4500	4500	4500
Caution Deposit (Refundable)	10000	0	0	0
Project Fees	0	0	0	10000
University Affiliation Fees / Administration Fees	3605	3605	3605	3605
Transportation Charges	0	0	0	0
<b>Total</b>	<b>Rs.1,36,105/-*</b>	<b>Rs.1,23,605/-*</b>	<b>Rs.1,23,605/-*</b>	<b>Rs.1,33,605/-*</b>

\*Excluding yearly Hostel, Transportation, Uniform, Books, University Registration (1st year only) & Examination fees extra. Fee for first year includes a refundable Caution Deposit of Rs.10,000/- (after completion of the course)

**FEE FOR D. PHARM COURSE**

<b>Particulars</b>	<b>Fee for 1<sup>st</sup> year</b>	<b>Fee for 2<sup>nd</sup> year</b>
Tuition fees	40000	40000
Admission Fees	1000	0
Statutory Body Fee	0	0
Stationary	500	500
Medical Checkup & Vaccination, Health Insurance	500	500
Internet Charges	0	0
Caution Deposit (Refundable)	5000	0
Project Fees	0	0
Health Insurance Premium	500	500
University Affiliation Fees / Administration Fees	0	0
Transportation Charges	0	0
<b>Total</b>	<b>Rs.47,500/-*</b>	<b>Rs.41,500/-*</b>

\*Excluding yearly Hostel, Transportation, Uniform, Books, DME Registration (1st year only) & Examination fees extra. Fee for first year includes a refundable Caution Deposit of Rs.5,000/- (after completion of the course)

**FEE FOR PHARM.D COURSE**

Particulars	Fee for 1 <sup>st</sup> year	Fee for 2 <sup>nd</sup> year	Fee for 3 <sup>rd</sup> Year	Fee for 4 <sup>th</sup> Year	Fee for 5 <sup>th</sup> Year	Fee for 6 <sup>th</sup> Year
Tuition fees	Rs. 1,90,000/-*	Rs. 1,90,000/-*	Rs. 1,90,000/-*	Rs. 1,90,000/-*	Rs. 1,90,000/-*	Rs. 1,90,000/-*
<b>Total</b>	<b>Rs. 1,90,000/-*</b>	<b>Rs. 1,90,000/-*</b>	<b>Rs. 1,90,000/-*</b>	<b>Rs. 1,90,000/-*</b>	<b>Rs. 1,90,000/-*</b>	<b>Rs. 1,90,000/-*</b>

\*Excluding yearly Hostel, Transportation, Uniform, Books, University Registration (1st year only) & Examination fees extra

**FEE FOR NRI QUOTA SEATS**

**B.PHARM COURSE**

Particulars	Fee for 1 <sup>st</sup> year	Fee for 2 <sup>nd</sup> year	Fee for 3 <sup>rd</sup> Year	Fee for 4 <sup>th</sup> Year
Tuition fees	150000	150000	150000	150000
Admission Fees	2500	0	0	0
Statutory Body Fee	10000	10000	10000	10000
Stationary	5000	5000	5000	5000
Medical Checkup & Vaccination, Health Insurance	2500	2500	2500	2500
Internet Charges	4500	4500	4500	4500



Caution Deposit (Refundable)	10000	0	0	0
Project Fees	0	0	0	10000
University Affiliation Fees / Administration Fees	3605	3605	3605	3605
Transportation Charges	0	0	0	0
<b>Total</b>	<b>Rs.1,88,105/-*</b>	<b>Rs.1,75,605/-*</b>	<b>Rs.1,75,605/-*</b>	<b>Rs.1,85,605/-*</b>

\*Excluding yearly Hostel, Transportation, Uniform, Books, University Registration (1st year only) & Examination fees extra. Fee for first year includes a refundable Caution Deposit of Rs.10,000/- (after completion of the course)

#### **PHARM.D COURSE**

<b>Particulars</b>	<b>Fee for 1<sup>st</sup> year</b>	<b>Fee for 2<sup>nd</sup> year</b>	<b>Fee for 3<sup>rd</sup> Year</b>	<b>Fee for 4<sup>th</sup> Year</b>	<b>Fee for 5<sup>th</sup> Year</b>	<b>Fee for 6<sup>th</sup> Year</b>
Tuition fees	Rs. 3,00,000/-*	Rs. 3,00,000/-*	Rs. 3,00,000/-*	Rs. 3,00,000/-*	Rs. 3,00,000/-*	Rs. 3,00,000/-*
<b>Total</b>	<b>Rs. 3,00,000/-*</b>	<b>Rs. 3,00,000/-*</b>	<b>Rs. 3,00,000/-*</b>	<b>Rs. 3,00,000/-*</b>	<b>Rs. 3,00,000/-*</b>	<b>Rs. 3,00,000/-*</b>

\*Excluding yearly Hostel, Transportation, Uniform, Books, University Registration (1st year only) & Examination fees extra

## **BASIC DETAILS OF THE COLLEGE**

Year of Establishment	2010-2011		
Postal Establishment	KVM College of Pharmacy, KVM Road, Kokkothamangalam-P.O, Cherthala, Alappuzha-688527		
Phone No	0478-2811080, 8943681073, 8281770248		
Fax No: & Email ID	0478-2811707, kvmcph@gmail.com		
Website	www.kvmpharmacycollege.in		
Name of management with Address	KVM Trust KVM Trust Road , Cherthala, Alappuzha -688524		
Name of Director/Manager	Dr. V. V Pyarelal		
Name of Principal	Dr. Beena P		
<b>Name &amp; Address of the Contact Person</b>	<b>Mrs. Baby Bindu.L, KVM College of Pharmacy Kokkothamangalam-P.O, Cherthala 688527, Mob : 8289979634</b>		
Course Offered	B.Pharm	Pharm.D	D.Pharm
Number of seats	60 Seats	30 Seats	60 Seats
Number of seats proposed to be reserved under various heads per course	<b>B.Pharm</b>		
	To be allotted by Govt.		Management Quota
	30 seats		30 seats
	<b>Pharm.D</b>		
	Open Merit		Management Seat
	15 seats		15 seats
	<b>D.Pharm</b>		
	To be allotted by Govt.		Open Merit  Management Quota
	30 seats		-  30 seats

Recognition of Research centre for PhD programme		PhD in Pharmacology
Hostel Facilities	Boys	Yes (01 no:)
	Girls	Yes (02 no:s)
Transport Facilities		Yes
Nearest Railway Station & distance in kms		Cherthala Railway Station, 7km
Nearest Bus Station & distance in kms		Cherthala Bus Station, 3km