



UNIVERSITY OF JAMMU

(NAAC ACCREDITED A + GRADE UNIVERSITY)
Baba Sahib Ambedkar Road, Jammu-180006 (J&K)

NOTIFICATION

(22/Jan/Adp/56)

It is hereby notified for the information of all concerned that the Vice-Chancellor, in anticipation of the approval of the Competent Bodies, has been pleased to authorize the adoption of Statutes governing the degree of **Bachelor of Pharmacy (B. Pharmacy)** as per the Model Curriculum of the **Pharmacy Council of India** from the Academic Session 2021-22 onwards.

DEAN ACADEMIC AFFAIRS

Sumit
10/1/22
SS
10/1/22
AP

No. F.Acd/III/22/11505 -11510

Dated: 11/01/2022

Copy for information & necessary action to:-

1. Dean Faculty of Science
2. Director, Prabha Harjilal College of Pharmacy & Paraclinical Sciences
3. C.A to the Controller of Examinations
4. Assistant Registrar (Confidential/Exam. Prof.)
5. Incharge University Website

**DRAFT STATUTES GOVERNING THE DEGREE OF BACHLOR OF PHARMACY
(B. Pharm) COURSE of JAMMU UNIVERSITY**

Revised in 2021 as per PCI(2014) Regulations

1. ELIGIBILITY FOR ADMISSION

1.1 No candidate shall be eligible for admission to the first year of B.Pharm course until he / she has :-

- (i) attained or shall attain the age of 17 years on 31st December of the year of his / her admission to the Course.
- (ii) passed the Higher Secondary Part-II examination (10+2 pattern) of the J & K State Board of School Education or an examination recognized as equivalent thereto with English, Physics, Chemistry and one of the following subjects taken together.
 - (a) Mathematics
 - (b) Biology
 - (c) Computer Science
 - (d) Bio-technology

or

(iii) has passed any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

(iv) Direct admission to 3rd semester of B Pharm course shall be open to a candidate who has passed Diploma Pharmacy examination of J&K Government Examining Board or of anyother State, subject to the condition that the candidate fulfils the requirements of Pharmacy Council of India.

2. ADMISSION

2.1 The admission to the first year B. Pharmacy course shall be made on the basis of

- (i) merit of the candidates in the Common Entrance Test conducted by Board of Professional Entrance Examination or any competent Authority constituted/ notified by the UT Govt for the purpose
- (ii) medical fitness of the candidate for which the selected candidates will furnish a medical certificate to the Principal of the College from a Medical Officer to the effect that the candidate is fit for undergoing the Degree course in Pharmacy
- (iii) on payment of admission, course fee and other College fee as prescribed by a competent authority.

2.2 Direct admission to 3rd Semester may be permitted on the following considerations :-

- (i) Merit of the candidate in the Part II of Diploma Pharmacy examination to be determined by the selection committee constituted by the University for the purpose or by BOPEE.
- (ii) Fulfillment of conditions laid down under statute 2.1 (ii and iii).

2.3 The number of seats for which direct admission to 3rd semester shall be made will be governed by :-

- (i) The number of vacancies arising in 3rd semester consequent to discontinuation of studies by candidates admitted to the 1st semester of the course previously or vacancies carried forward due to insufficient number of admission made to first semester of the batch.
- (ii) The University may also permit additional intake to the extent of 10% of approved seats of the course at the time of direct admission to 3rd semester or such additional intake as prescribed by PCI. This shall be over and above the approved intake capacity.

- (iii) Migration of a student from a Pharmacy institution affiliated to a recognized Indian University may be permitted in 3rd semester of B Pharm course provided that the curriculum of the course studied by the applicant candidate during I & II semester conforms to the scheme of the course of the Pharmacy Council of India. Not more 2 such students may be accommodated during an academic session.

Admission to 1st semester of the course shall be made on the dates announced by the Board of Professional Entrance Examination or the UT Government. However, Vice Chancellor, on the recommendation of the Principal of the College may permit late admission of a candidate on payment of prescribed late fee within 30 days of classification.

3 DURATION OF COURSE

- i. Every student shall undergo a period of certified study of four years (3 years in case of Lateral Entry students) from the date of commencement of studies to the completion of final (VIII) semester examination as per the curricula and syllabi of Pharmacy Council of India as prescribed from time to time. Each semester of the course shall be 20 weeks (100 teaching days) duration.
- ii. For students failing to complete the course within the stipulated time, the maximum period permissible for completion of the course shall be double the actual duration of the program and the students have to pass within the said period.
- iii. Candidate who seeks re-admission to the program after break of study for a period extending of not for more than 2 years, may be permitted to do so by the university on payment of condonation fee .

4. Course of Study

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, practical classes shall be measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The quantum of credit associated with a course shall be 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 shall be dependent upon the quantum of work by to be put in for each of these activities per week. The prescribed course of study for B Pharmacy Programme to be completed by the student is prescribed hereinunder

4.1 Semester I

Course code	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 BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – 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
Total		32/34^{\$}/36[#]	4	27/29^{\$}/30[#]

[#] 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)

4.2 semester II

Course Code	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 *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	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
Total		32	4	29

*Non University Examination (NUE)

4.3 semester III

Course code	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
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
Total		28	4	24

4.4 semester IV

Course code	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
Total		31	5	28

4.5 semester V

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial PharmacyI– 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	Industrial PharmacyI – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
Total		27	5	26

4.6 semester VI

Course code	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
Total		30	6	30

4.7 semester VII

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial PharmacyII – 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
BP706PS	Practice School*	12	-	6
Total		28	5	24

* Non University Examination (NUE)

4.8 semester VIII

Course code	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	Pharma Marketing Management	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
*BP804ET	Pharmaceutical Regulatory Science			
*BP805ET	Pharmacovigilance			
*BP806ET	Quality Control and Standardization of Herbals			
*BP807ET	Computer Aided Drug Design			
*BP808ET	Cell and Molecular Biology			
*BP809ET	Cosmetic Science			
*BP810ET	Experimental Pharmacology			
*BP811ET	Advanced Instrumentation Techniques			
*BP812ET	Dietary Supplements and Nutraceuticals			
*BP813ET	Pharmaceutical Product Development			
BP8-LSSSDC Courses	anyone of skill development courses approved by LSSSDC			
BP814PW	Project Work	12	-	6
Total		24	4	22

**Elective subjects: Student to select any two of the subjects from BP803ET-BP814ET and BPLSSSDC courses*

4.9 The semester wise total credits of the course are reproduced herein under:-

Semester	I	II	III	IV	V	VI	VII	VIII
Max Credit Points	27/29[§]/30[#]	29	26	28	26	26	24	22
Extracurricular / Co-curricular activities	01*							
Total credit points for the program	209/211[§]/212[#]							
For Lateral Entry Students	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 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.							
<i>The minimum credit points required for award of a B. Pharm. degree is 208.</i>								

** 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.*

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

Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

5. EXAMINATIONS

- 5.1 . General : For the award of the Degree of Bachelor of Pharmacy every candidate shall be examined in the subjects according to the syllabi and course out line prescribed from time to time. The end of the semester examinations shall be held by the University in accordance with the scheme of examination given herein under in statute 5.3
- 5.2 (i) During the course of one academic year, examination for theory / practicals for all semesters shall be held twice a year, once during December/ January and second time during May/June each year
- (ii) The End Semester Examinations for each theory and practical course through semesters I to VIII as outlined in statutes 5.3 shall be conducted by the university except for the subjects with asterix symbol (*) in 5.3.1 semester I, 5.3.2 semester II and 5.3.7 Semester VII for which the examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.
- (iii) The academic work of the student assessed by the College during a semester will form a part of end semester assessment as Internal assessment as per the scheme given in Statute 5.3

5.3 Schemes for internal assessments and end semester examinations semester wise

5.3.1 Semester I

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication skills – Theory *	5	10	1 Hr	15	35	1.5 Hrs	50
BP106RBT BP106RMT	Remedial Biology/ Mathematics – Theory*	5	10	1 Hr	15	35	1.5 Hrs	50
BP107P	Human Anatomy and Physiology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP111P	Communication skills – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP112RBP	Remedial Biology – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75[§]/80[#]	115/125[§]/ 130[#]	23/24[§]/26[#] Hrs	185/200[§]/ 210[#]	490/52[§]/ 540[#]	31.5/33[§]/ 35[#] Hrs	675/725[§]/ 750[#]

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

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

* **Non University Examination (NUE). The subject experts at the College level shall conduct the Examination.**

5.3.2 Semester II

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
<i>BP205T</i>	<i>Computer Applications in Pharmacy – Theory*</i>	10	15	1 Hr	25	50	2 Hrs	75
<i>BP206T</i>	<i>Environmental sciences – Theory*</i>	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I– Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP209P	Biochemistry – Practical	5	10	4 Hrs	15	35	4 Hrs	50
<i>BP210P</i>	<i>Computer Applications in Pharmacy – Practical*</i>	5	5	2 Hrs	10	15	2 Hrs	25
Total		80	125	20 Hrs	205	520	30 Hrs	725

* Non University Examination (NUE). The subject experts at the College level shall conduct the Examination.

5.3.3 Semester III

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP302T	PhysicalPharmaceuticsI –Theory	10	15	1 Hr	25	75	3 Hrs	100
BP303T	Pharmaceutical Microbiology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP304T	Pharmaceutical Engineering – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP308P	Pharmaceutical Engineering – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28Hrs	600

5.3.4 Semester IV

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405T	Pharmacognosy I – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP406P	Medicinal Chemistry I – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407P	Physical Pharmaceutics II – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409P	Pharmacognosy I – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		70	115	21 Hrs	185	515	31 Hrs	700

5.3.5 Semester V

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP501T	Medicinal Chemistry II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP502T	Industrial PharmacyI– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP503T	Pharmacology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP504T	Pharmacognosy II – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP505T	Pharmaceutical Jurisprudence – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP506P	Industrial PharmacyI– Practical	5	10	4 Hr	15	35	4 Hrs	50
BP507P	Pharmacology II – Practical	5	10	4 Hr	15	35	4 Hrs	50
BP508P	Pharmacognosy II – Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		65	105	17 Hr	170	480	27 Hrs	650

5.3.6 Semester VI

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance– Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

5.3.7 Semester VII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis – Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150
Total		70	70	8Hrs	140	460	21 Hrs	600

* Non University Examination (NUE). The subject experts at the College level shall conduct the Examination.

5.3.8 Semester VIII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP801T	Biostatistics and Research Methodology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
*BP803ET	Pharmaceutical Marketing – Theory	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	5 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200
*BP804ET	Pharmaceutical Regulatory Science – Theory							
*BP805ET	Pharmacovigilance – Theory							
*BP806ET	Quality Control and Standardization of Herbals – Theory							
*BP807ET	Computer Aided Drug Design – Theory							
*BP808ET	Cell and Molecular Biology – Theory							
*BP809ET	Cosmetic Science – Theory							
*BP810ET	Experimental Pharmacology – Theory							
*BP811ET	Advanced Instrumentation Techniques – Theory							
*BP812ET	Dietary Supplements and Nutraceuticals							
*BP813ET	Pharmaceutical Product Development							
BP8-LSSSDC Courses	anyone of skill development courses approved by LSSSDC							
BP814PW	Project Work	-	-	-	-	150	4 Hrs	150
		40	60	4 Hrs	100	450	16 Hrs	550

** Elective Subject*

5.4 Eligibility for examination

5.4.1 In order to be eligible to appear in an end semester examination, a candidate must have had his Examination form along with prescribed fee submitted to the Controller Examination through the Principal of his/her College along with the following certificates signed by the Principal :-

- (i) of good character.
- (ii) of having remained on the rolls of the College for the prescribed duration in accordance with the statutes; and
- (iii) of having attended not less than 80% of the lectures delivered in each subject separately and 80% of practicals separately in each subject. 15% of the lectures and practicals separately may be condoned by the Principal for reasons to be recorded in writing (including serious illness, calamity, participation in sports/ cultural events sponsored by the institution. Candidates falling short of required percentage of attendance and those whose deficiency is not condoned by the Principal shall be permitted to appear in the subsequent semester examination provided they remain on the roll of the College as regular students and attend 80% of the lectures delivered and 80% of the practicals from the date of next classification or the date on which they have joined, whichever is earlier, upto the commencement of the subsequent examination ;

'Provided further that the number of lectures and practicals attended by the candidate is not less than the number by which he/ she falls short in the subject or subjects ;

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

- a) 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 any two semesters of I, II, III and IV semesters are successfully completed;
- b) 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.

- c) A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.
- d) 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 3(ii).
- e) 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.
- f) A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.
- g) 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 3(ii).

5.4.2 The minimum number of marks required to pass a course shall be 50% in theory and 50% in practical. In case the student fails to secure 50% in theory and 50% in practical, then he/she shall re-appear for the end semester examination of that course. However, his/her marks of the internal assessment shall be carried over and he/she should be entitled for the grade obtained by him/her on passing the course. A student who does not appear in one or more examinations in which he / she was otherwise eligible to appear, in part or in full, shall be deemed not to have passed the said examination in the first attempt even though he/ she may have passed the said examination in the first appearance. In such the number of missed chances shall also be taken as number of attempts. Such cases and the students failing to pass any semester examination in the first attempt shall not be considered for academic award of Distinction, Academic Prize or Award.

In case a candidate who has appeared in an examination in full and fails in one theory subject only by not more than 5 marks in the subject in which he/she has failed shall be deemed to have passed the examination by adding the required number of marks in the subject. The benefit of grace marks upto a maximum of 5 marks in only one subject shall be given at each examination of the B Pharmacy Course provided the candidate getting the benefit of grace marks in one subject has passed in all other subjects.

6. Internal Assessment:

The Academic work of the student during a semester shall be assessed by two modes

- (a) Continuous mode, and
- (b) Sessional Examinations

6.1 (a) Continuous Mode assessment for theory component shall be based on three parameters: (i) Attendance (ii) Academic Activity comprising of performance in Quiz, assignments, open book test, field work, group discussions, seminar (any 3 activities) and (iii) student-teacher interaction. For practical component only assessment shall be based on Attendance and Practical Records and Viva Voce. The weightage assigned to performance each of the above shall be as under.

	Attendance	Academic/practical performance	Student Teacher interaction	Total
Theory	4/2	3/1.5	3/1.5	10/5
Practicals	2	3	0	05

Entitlement % of Marks for attendance:

95-100=4, 90-94=3, 85-89=2, 80-89=1, Less Than 80 = Zero.

6.2 Sessional Exams

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). 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.

Question paper pattern for theory Sessional examinations For subjects having University examination

I. Multiple Choice Questions (MCQs)	=	10 x 1 = 10
OR		OR
Objective Type Questions (5 x 2) (Answer all the questions)	=	05 x 2 = 10
I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. Short Answers (Answer 2 out of 3)	=	2 x 5 = 10

Total	=	30 marks

For subjects having Non University Examination

I. Long Answers (Answer 1 out of 2)	=	1 x 10 = 10
II. Short Answers (Answer 4 out of 6)	=	4 x 5 = 20

Total	=	30 marks

Question paper pattern for practical sessional examinations

I. Synopsis	=	10
II. Experiments	=	25
III. Viva voce	=	05

Total	=	40 marks

6.3 Improvement Internal Assessment

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

7. Conduct of Examinations

- 7.1 Appointment of Examiners: No person shall be appointed as an examiner in any of the subjects of B Pharm unless he/she has a Postgraduate Degree in pharmaceutical sciences and has at least five years teaching experience after obtaining the Post-graduate qualification in the subject concerned in a University or a College affiliated to a recognized University.
- 7.2 External Examiner will set the question paper and forward the same to the Controller of Examinations the University of Jammu. The Controller will get it moderated as per the university norms.
- 7.3 Theory paper in a subject will be assessed by the External Examiner and the practical examination in the subject concerned shall be conducted jointly by the external and internal examiner(s) and the award sheet containing the marks of practical (including the internal assessment) shall be compiled and signed by all the examiners.
- 7.4 The Principal of the College shall send a panel of external and internal examiners to Controller of Examinations for purpose of approval.

8. Grading of performances

8.1 Letter grades and grade points allocations:

Based on the performance in the examinations, each student shall be awarded a final letter grade at the end of the semester for each course as per the below mentioned scheme:-

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
90.00 – 100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	AB	0	Fail

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.

8.2 The Semester grade point average (SGPA): calculated as per the scheme given hereinunder as Explanation 1

The performance of a student in a semester is indicated by a number called ‘Semester Grade Point Average’ (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester.

8.3 Cumulative Grade Point Average (CGPA): calculated as per the scheme given hereinunder as Explanation 2.

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses:

Explanation 1: For example, if a student takes five courses(Theory/Practical) in a semester with credits C₁, C₂, C₃, C₄ and C₅ and the student’s grade points in these courses are G₁, G₂, G₃, G₄ and G₅, respectively, and then students’ SGPA is equal to:

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4 + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and AB grade awarded in that semester. For example if a learner has a F or AB grade in course 4, the SGPA shall then be computed as:

$$SGPA = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4 * ZERO + C_5G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

Explanation 2:

$$CGPA = \frac{C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4 + C_5S_5 + C_6S_6 + C_7S_7 + C_8S_8}{C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8}$$

where C₁, C₂, C₃,... is the total number of credits for semester I,II,III,... and S₁,S₂, S₃,... is the SGPA of semester I,II,III,.....

8.4 Declaration of class

The class shall be awarded on the basis of CGPA as follows:

First Class with Distinction=	CGPA of. 7.50 and above
First Class	= CGPA of 6.00 to 7.49
Second Class	= CGPA of 5.00 to 5.99

8.5 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.

9. Project work

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 examiner appointed by the University for semester VIII shall evaluate the project work as per the criteria given hereinunder

Evaluation of Dissertation Book:

Objective(s) of the work done	15 Marks
Methodology adopted	20 Marks
Results and Discussions	20 Marks
Conclusions and Outcomes	20 Marks
Total	75 Marks

Evaluation of Presentation:

Presentation of work	25 Marks
Communication skills	20 Marks
Question and answer skills	30 Marks
Total	75 Marks

10. Industrial training (Desirable)

Every candidate after completion of semester VI and before commencement of semester VII shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Unit/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.

11. 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.