

UNIVERSITY OF JAMMU

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

<u>NOTIFICATION</u> (24/April/Gen/e6)

Based on the recommendations made by the Board of Studies in Pharmacy in the Faculty of Science at its meeting held on 11.12.2023, 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 following amendments in Statutes/Syllabus governing the degree of Bachelor of Pharmacy (B.Pharm) Course enclosed as Annexure (01-09):

No. F.Acd/III/24/13 62-70

Dated:30/04/2024

Copy for information & necessary action to:-

- 1. Sr. PA to the Dean Academic Affairs.
- 2. Sr. P.A. to the Controller of Examinations.
- 3. Dean Faculty of Science.
- 4. Principal, Madre-e-Meharban Institute of Health Sciences, Jammu/JSS College of Pharmacy, Jammu/SVS Pharmacy College, Sunderbani
- 5. Joint Registrar (Exams Prof./Eval Prof.)
- 6. Assistant Registrar (Confidential).
- Incharge University Website.

MEETING OF THE BOARD OF STUDIES IN PHARMACY IN THE FACULTY OF SCIENCE

Proposed Modifications in the Syllabus and Statutes of Bachelor of Pharmacy

CHAPTER 1: STATUTES

EXISTING	PROPOSED
Page i, Heading DRAFT STATUTES GOVERNING THE DEGREE OF BACHLOR O PHARMACY (B. Pharm) COURSE of JAMMU UNIVERSITY	To be much an
Page ii, iii Section 2.3 2.3 The number of seats for which direct admission to 3rd semester shall	
made will be governed by:	2.3The 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 discontinuation of studies by candidates admitted to the 1st semester of a course previously or vacancies carried forward due to insufficient number of admission made to first semester of the batch.	ha discontinuation of studies by constitution at
(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 3 semester or such additional intake as prescribed by PCI. This shall be ov	rd shave the approved intake caracity
and above the approved intake capacity.	(iii) Inter-university and Inter-college Migration:
(iii) Migration of a student from a Pharmacy institution affiliated to recognized Indian University may be permitted in3 rd semester of BPhar course provided that the curriculum of the course studied by the applica 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.	a) Inter-university migration to/from a recognized Indian University may be permitted in 3 rd semester of B. Pharmacy course, previded the syllabi and course of study of the two Universities is in conformity with PCI regulation. b) Migration of a B. Pharmacy student of one Pharmacy College affiliated with Jamus University may be permitted to another affiliated Pharmacy college of the University in accordance with statutes of the University regulating intercollege migration. However, the migration of a student of B. Pharmacy from a private College to a Government Pharmacy institute and the course of the University and the college to a Government Pharmacy institute and the course of the University and the college to a Government Pharmacy institute and the course of the college to a Government Pharmacy institute and the course of the college to a Government Pharmacy institute and the course of the college to a Government Pharmacy institute and the course of the college to a Government Pharmacy institute and the course of the college to a Government Pharmacy institute and the college of the college to a Government Pharmacy institute and the college of the colle
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Admission to Istsemester 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.

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.

EXISTING

Page iv, Section 4.1

	· · · · · · · · · · · · · · · · · · ·			
Course Code	Name of the course	No. of hours	Tuto rial	Credit points
виотт	Human Anatomy and Physiology I— Theory	3	1	4
BP102T	Pharmaceutical Analysis 1 - Theory	3	1	4
BP103T	Pharmaceutics I Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry — Theory	3	I	4
BP105T	Communication skills - Theory *	2		2.
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2		2
BP107P	Human Anatomy and Physiology – Practical	4		2
13P108P	Pharmaceutical Analysis I - Practical	4		2
BP109P	Pharmaceutics I - Practical	4		2
BP110P	Pharmaceuticul Inorganic Chemistry — Practical	4	-	2
BEHIP	Communication skills - Practical*	2		l l
BP112RBPP	Remedial Biology Practical*	2	-	!
example to the source of the s	'Total	32/34\$/36#		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)

PROPOSED

To be read as:

Course Code	Name of the course	No. of hours	Tuto rial	Credit points
BP191T	Human Anatomy and Physiology-l Theory	3	1	4
BP (023)	Pharmaceutical Analysis-I Theory	3	1	4
IN 103T	Pharmaceutics-! Theory	3	1	4
BPIGGT	Pharmaccutical Inorganic Chemistry Theory	2	1	4
BP 105T	Communication Skills Theory *	2		2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics Theory*	2	pa	2
R107P	Duman Anatomy and Physiology-UPractical	4	^	2.
BPIOSP	Pharmacontical Analysis-I Practical	4	m	2
B# 109P	Pharmaceutics-I Practical	4	**	2
BF-110P	Pharmaceutical Inorganic Chemistry Practical	4	u	2
136,41115,	Communication Skills Practicel*	2	*.	
BPHZRBPP	Remedial Biology Practical*	2,	-	<u>[</u>
And the same and the same in	Total	32/34\$/ 36//		27/29\$/3 0#

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

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

* Non-University Examination (NUE)

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Page vi, Section 4.6

Course Code	Name of the course	No. of hours	Tuto rial	Credi points
BP601T	Medicinal Chemistry III - Theory	3	l l	4
BP602T	Pharmacology III Theory	3	1	4.
BP603T	Herbal Drug Technology - Theory	3	1	4
BP604T	Biopharmaccuties and Pharmacokineties — Theory	3	1	4
BP605T	Pharmaceutical Biotechnology - Theory	3	j	4.
БР606Т	Quality Assurance - Theory	3		4
ВР607Р	Medicinal chemistry III Practical	4	·	2
BP608P	Pharmacology III Practical	4		2
BP609P	Herbal Drug Technology - Practical	4		2
to the second se	Total	30	6	30

Page vii, Section 4.8

	THE COURSE STATE OF THE CO			
Course code	Name of the Course	No. of hours	Tid ori i ni	Crodit Points
BPSOLT	Biostatistics and Research Methodology		1 1	1 4
BP802T	Social and Preventive Pharmacy			4
*BP803171	Pharmaceutical Marketing Management			······
*BP804177	Pharmacoutical Regulatory Science	1		
*BP805ET	Pharmacovigilance			
*BP806ET	Quality Control and Standardization of Herbals			İ
*BP807ET	Computer Aided Drug Design	i i		
*BP808ET	Cell and Molecular Biology	1		
*BP809ET	Cosmetic Science	3+3	1-6	
*BP810ET	Experimental Pharmacology	6] =	4-4-8
*BP811ET	Advanced Instrumentation Techniques		2	
*BP812ET	Dietary Supplements and Nutracouticals			
*BP813ET	Pharmaceutical Product Development			
*BP8- LSSSDC	anyone of skill development courses approved by LSSSDC			
Courses	and and a probability of the second of the s		- 1	
BP814PW	Project Work	12		6
	l'otal	24	77	22

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

PROPOSED

To be read as:

Course Code	Name of the course	No. of hours	Tuto rial	Credit points
BP601T	Medicinal Chemistry-III Theory	3	1	<u>ponts</u>
BP602T	Pharmacology-III Theory	3		d.
BP603T	Herbal Drug Technology Theory	3		
BP604T	Biopharmaccutics and Pharmacokinetics Theory	3	1	a
BP605T	Pharmaccutical Biotechnology Theory	3	<u> </u>	d
BP606T	Pharmaceutical Quality Assurance Theory	3		4
BP607P	Medicinal Chemistry-III Practical	4		
BP608P	Pharmacology-III Practical	4		2
8P609P	Herbal Drug Technology Practical	4		2.
	Total	30	6	

Course	Name of the Course	1 80	7-12	
eode		No. of hours	To for ial	Cree
RE 801T	The same of the sa	1	1 181	Poin
BP802T	Biostatistics and Research Methodology Theory	3	1	1 3
BP803ET	Social and Preventive Pharmacy Theory	3	i .	4
	Pharmaceutical Marketing Management Theory		-	1
'BP804ET'	Pharmaceutical Regulatory Science Theory	1	ı	
BP805ET	Pharmacovigilance Theory	1]
WP306ET	Quality Control and Standardization of Herbals Theory	-		
BP807FT	Computer Aided Drug Design Theory	1		
BP808ET	Cell and Molecular Biology Theory	1 1	'	ı L
BP809ET	Condition Defence Incory			
BP810ET	Pharmacological Screening Methods Theory	3+3=6	1-+	4+4=
*	(Contents in syllabus unchanged)	313-6	2	8
BP811ET	Advanced Instrumentation Techniques Theory		-	`
RP812ET	Dietary Supplements and Nutraceuticals Theory	'	Į	
BP813ET	Pharmaceutical Product Development Theory			
BP8- SSSDC	Auyone of skill development courses approved by LSSSDC Theory			
ourses				
3P814PW	Project Work			
	Total	24		6

two of the subjects from *BP803ET to *BP813ET and

*BP8LSSSDC courses.

EXISTING	PROPOSED
Page xii, Section 5.3.4 BP405TPharmacognosy —I Theory	To be read as: BP405T Pharmacognosy & Phytochemistry-I Theory
Page xii, Section 5.3.4 3P409P Pharmacognosy —I Practical Page xiii, Section 5.3.5	To be read as: BP409P Pharmacognosy & Phytochemistry-I Practical
3P504T Pharmacognosy —II Theory	To be read as: BP504T Pharmacognosy & Phytochemistry-II Theory
Page xiii, Section 5.3.5	
3P508P Pharmacognosy —IIPractical	To be read as: BP508P Pharmacognosy & Phytochemistry-II Practical
Page xiv, Section 5.3.6	
BP606T Quality Assurance-Theory	To be read as: BP606T Pharmacentical Quality Assurance Theory
age xv, Section 5.3.7 P702T Industrial Pharmacy-Theory	To be read as: BP702T Industrial Pharmacy-II Theory

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EXISTING

Page xvi, Section 5.3.8

			Internal Assessment				End Semester		
Course code	Name of the Course	Continuo	Session	al Exam	The state of the s		, ,	Tota	
Course cone	Name of the Course	tes Wiode	Marks	Duration	Total	Marks	Duration		
BP801T	Biostatistics and Research Methodology-Theory	10	15	l Hr	25	75	3 Hrs	100	
ВР802Т	Social and Preventive Pharmacy—Theory	10	15	l I-ir	25	75	3 Hrs	100	
*BP803ET	Pharmaccutical Marketing—Theory	The state of the s	Lot thid to t . The delaw man arranged Auggreen	e manufacture e a vigoritade principie Adea has als a com-		100000000000000000000000000000000000000			
*BP804ET	Pharmaceutical Regulatory Science-Theory								
*BP80SET	Pharmacovigitance-Theory								
*BP806ET	Quality Control and Standardization of Herbals-Theory								
*BP807ET	Computer Aided Drug Design-Theory							Can .	
*BP808ET	Cell and Molecular Biology—Theory	10 + 10	15 + 15 = 30	1 + 1 == 2 Hrs	25 ± 25 = 50	5 ± 75 150	3+3=6 Firs	+ 001 + 001	
*BP809ET	Cosmetic Science-Theory			PY . B & & L. /		150	1115	200	
*BP810ET	Experimental Pharmacology—Theory						i		
*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			THE COLUMN TWO IS AN ADDRESS OF THE COLUMN TWO IS AND ADDRESS OF THE COLUMN TWO IS ADDRESS OF THE COLUMN TW				Antholium on the second below on	
BP814PW	Project Work	Ter		. Habber 14 H = 14 H + 1 Lab y considered physiology pulphysion. V4	THE PLANE IS A STANFARD OF THE PARTY OF THE	150	4 Hrs	150	
and the same of th	Total	40	60	4 Hrs	100	450	16 Hrs	550	

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To read as:			Internal A	ssessment	- 17.8 MAR IIA	End Sen	testor	
Course	Name of the Course	Continuous		nal Exam		A ZING LIGHT		-
code		Mode	Marks	Duration	Total	Marks	Durati on	Total
BP801T	Biostatistics and Research Methodology-Theory	*0	15	1 Hrs	25	75	3 Hr	100
BP802T	Social and Preventive Pharmacy-Theory	10	15	1 Hrs	25	75	3 Hr	100
*BP803ET	Pharmaceutical Marketing Management-Theory	11 H 14 H Manualina and a special are a second and a second a second and a second a			THE STATE OF THE PROPERTY AND ASSESSED.			
*BP804ET	Pharmaceutical Regulatory Science-Theory					- 1		
*BP805ET	Pharmacovigilance-Theory							
*BP806ET	Quality Control and Standardization of Herbals-Theory							
*BP307ET	Computer Aided Drug Design-Theory							
*BP808ET	Cell and Molecular Biology-Theory							
*BP809ET	Cosmetic Science-Theory	10.10.20	15+15==	1+1=	25+25=		3+3=	1004-100
*BP810ET	Pharmacological Screening Methods-Theory	10+10-20	30	2 Hrs	50	75+75=150	6 Hrs	=200
*BPSILET	Advanced Instrumentation Techniques-Theory	,					i	İ
*BP812ET	Dictary Supplements and Nutracenticals-Theory							
*BP813ET	Pharmaceutical Product Development-Theory							
*BP812ET *BP813ET *BP8- LSSSDC Courses BP814PW	Anyone of skill development courses approved by LSSSDC-Theory			·				
BP814PW	Project Work	,	***************************************			150	4 Hrs	150
	Total	40	60	4 Hrs	100	450	16 Hrs	550

*Elective Course

-Note: For the Course "Pharmacological Screening Methods-Theory" (BP810ET) the content/syllabus remains the same as "Experimental Pharmacology-Theory".

Only the Title of the course changed to remove ambiguity.



EXISTING

Page xviii, Section 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.

Page xix, Section 6.1

Entitlement of percentage marks for attendance (theory) 95-100-4, 90-94=3,85-89=2, 80-89=1, less than 80=0

Page xx, Section 7.3

Theory paper in a subject will be assessed by the External Examined 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.

PROPOSED

To be read as:

The minimum number of marks required to pass a course shall be 50% in theory including Internal Assessment and 50% in practical including Internal Assessment. 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 eases 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.

To be read as:

Entitlement of percentage marks for attendance (theory) 95-100=4, 90-94=3, 85-89=2, 80-84=1, less than 80=0. Entitlement of percentage marks for attendance (Practical) 95-100=2, 90-94=1.5, 85-89=1, 80-84=0.5, less than 80=0

To be read as:

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.

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CHAPTER 2: SYLLABUS						formation and hell kint (Supplement) construction of kin	on a 1 community 1 cours produces on first and sold links that the sec	i dar i sam karmasaya'n kafan makkaka ka Yakasi kakasayayaya danka sakiindak kus	
<mark>Page 6,7</mark> BP107P.HUMAN ANATOM	IY AND PHYSI	OLOGY (P	ractical)	To be read as: BP107P HUMAN ANATOMY AND PHYSIOLOGY-I Practical					
Page 8,9 3P102T.PHARMACEUTICA	AL ANALYSIS	(Theory)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	To be read as: BP102T PHARM/	ACEUTIC	CAL ANALYSIS	-l Theory		
Page 10,11 BP108P.PHARMACEUTICA	AL ANALYSIS ((Practical)		To be read as: BP108P PHARMACEUTICAL ANALYSIS-I Practical					
Page 15,16 BP109P.PHARMACEUTICSI (Practical)				To be read as: BP109P PHARMA	CEUTIC	ES-I Practical			
age 25	and the paper of the second of	yg i i a gamma a lillia a i a makinda UNAA sa	ga agger proposition of a tobbe of the \$11.5 WHI OFFER 1995	To be read as:	gag a consideration of the statement of		enry e e e e e e e e e e e e e e e e e e e		
Marks =50	*ES		*83	Marks = 9	š0	*%\$		*SS	
17370115N2 NCM	35		25			JS	pa	15	
Page 36,37 BP207P:HUMAN ANATON	MY AND PHYSI	OLOGY (F	ractical)	To be read as:	ANATO	wy and physi	OLOGV-E	F Practical	
Page 54 Credits 02	J	T	. р	To be read as: Credits	G I		1	P	
	0	0	02		35.6	0	0	0.1	
Page 56	mandade excendentation	* PLANT A MINE OF HIPPOINT THE THE VEH LEFT LTDOOR		To be read as:			.,,,		
Marks =50	*ES	*SS		Marks=7	5	*ES *SS		S	
	35		15			50	2.5	\	
Page 107,108 BP503.T.PHARMACOLOG	iY-II (Theory)			To be read as: BF503T PHARMA	ACOLO (Y-II Theory		The second secon	
*Abbreviations: ES= End 5	Semester SS=Ses								

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Page 137,138,139	To be read as:
BP606TPHARMACEUTICAL QUALITY ASSURANCE (Theory)	BP6055 PHARMACEUTICAL QUALITY ASSURANCE Theory
Page 145,146	To be read as:
BP 702 T. INDUSTRIAL PHARMACYII (Theory)	BP702T INDUSTRIAL PHARMACY-II Theory
Page 151,152	
BP 704T: NOVEL DRUG DELIVERY SYSTEMS (Theory)	To be read as:
The state of the s	BP704T NOVEL DRUG DELIVERY SYSTEM Theory
Page 158, 159, 160	To be read as:
BP 802T SOCIAL AND PREVENTIVE PHARMACY	BP802T SOCIAL AND PREVENTIVE PHARMACY Theory
Page 167, 168, 169, 170	To be read as:
BP805T: PHARMACOVIGILANCE (Theory)	BP805ET PHARMACOVIGILANCE Theory
Page 177, 178, 179	To be read as:
BP808ET: CELL AND MOLECULAR BIOLOGY (Elective subject)	BP308ET CELL AND MOLECULAR BIOLOGY Theory
Page 182, 183, 184	To be read as:
3P810 ET. PHARMACOLOGICAL SCREENING METHODS	BP810ET PHARMACOLOGICAL SCREENING METHODS Theory
Page 185, 186	To be read as:
BP 811 ET. ADVANCED INSTRUMENTATION TECHNIQUES	BPSITET ADVANCED INSTRUMENTATION TECHNIQUES Theory
age 187, 188, 189	The state of the s
BP 812 ET. DIETARY SUPPLEMENTS AND NUTRACEUTICALS	To be read as:
	BPSIZET DIETARY SUPPLEMENTS AND NUTRACEUTICALS Theory
age 190	To be read as:
BP 813 ET Elective course on Pharmaceutical Product Development	BP813ET PHARMACEUTICAL PRODUCT DEVELOPMENT Theory

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