

## Syllabus for the Bachelor of Pharmacy (B. Pharmacy) Course

### Semester I

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP101 T	HUMAN ANATOMY AND PHYSIOLOGY I – THEORY	10	15	1 Hr	25	75	3 Hr	100	4
BP102 T	PHARMACEUTICAL ANALYSIS I – THEORY	10	15	1 Hr	25	75	3 Hr	100	4
BP103 T	PHARMACEUTICS - I THEORY	10	15	1 Hr	25	75	3 Hr	100	4
BP104 T	PHARMACEUTICAL INORGANIC CHEMISTRY – THEORY	10	15	1 Hr	25	75	3 Hr	100	4
BP105 T	COMMUNICATION SKILLS –THEORY**	5	10	1 Hr	15	35	1.5 Hrs	50	2
BP106 RBT	REMEDIAL BIOLOGY - THEORY**	5	10	1 Hr	15	35	1.5 Hrs	50	2
BP106 RMT	REMEDIAL MATHEMATICS – THEORY**								
BP107 P	HUMAN ANATOMY AND PHYSIOLOGY I – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP108 P	PHARMACEUTICAL ANALYSIS I – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP109 P	PHARMACEUTICS I – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP110 P	PHARMACEUTICAL INORGANIC CHEMISTRY – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP111 P	COMMUNICATION SKILLS – PRACTICAL**	5	5	2 Hrs	10	15	2 Hrs	25	1
BP112 RBP	REMEDIAL BIOLOGY – PRACTICAL**	5	5	2 Hrs	10	15	2 Hrs	25	1
<b>Total</b>		<b>70/75\$/80#</b>	<b>115/125\$/130#</b>	<b>23/24\$/26# Hrs</b>	<b>185/200\$/210#</b>	<b>490/525\$/540#</b>	<b>31.5/33\$/35# Hrs</b>	<b>675/725\$/750#</b>	<b>27/29\$/30#</b>

## Semester II

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		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	4
BP202T	PHARMACEUTICAL ORGANIC CHEMISTRY I – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP203T	BIOCHEMISTRY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP204T	PATHOPHYSIOLOGY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP205T	COMPUTER APPLICATIONS IN PHARMACY – THEORY**	10	15	1 Hr	25	50	2 Hrs	75	3
BP206T	ENVIRONMENTAL SCIENCES – THEORY**	10	15	1 Hr	25	50	2 Hrs	75	3
BP207P	HUMAN ANATOMY AND PHYSIOLOGY II – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP208P	PHARMACEUTICAL ORGANIC CHEMISTRY I – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP209P	BIOCHEMISTRY – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP210P	COMPUTER APPLICATIONS IN PHARMACY – PRACTICAL**	5	5	2 Hrs	10	15	2 Hrs	25	2
<b>Total</b>		<b>80</b>	<b>125</b>	<b>20 Hrs</b>	<b>205</b>	<b>520</b>	<b>30 Hrs</b>	<b>725</b>	<b>30</b>

### Semester III

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP301T	PHARMACEUTICAL ORGANIC CHEMISTRY II – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP302T	PHYSICAL PHARMACEUTICS I – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP303T	PHARMACEUTICAL MICROBIOLOGY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP304T	PHARMACEUTICAL ENGINEERING – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP305P	PHARMACEUTICAL ORGANIC CHEMISTRY II – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP306P	PHYSICAL PHARMACEUTICS I – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP307P	PHARMACEUTICAL MICROBIOLOGY – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP308P	PHARMACEUTICAL ENGINEERING – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
<b>Total</b>		<b>60</b>	<b>100</b>	<b>20</b>	<b>160</b>	<b>440</b>	<b>28Hrs</b>	<b>600</b>	<b>24</b>

### Semester IV

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP401T	PHARMACEUTICAL ORGANIC CHEMISTRY III – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP402T	MEDICINAL CHEMISTRY I – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP403T	PHYSICAL PHARMACEUTICS II – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP404T	PHARMACOLOGY I – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP405T	PHARMACOGNOSY I – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP406P	MEDICINAL CHEMISTRY I – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP407P	PHYSICAL PHARMACEUTICS II – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP408P	PHARMACOLOGY I – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP409P	PHARMACOGNOSY I – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
<b>Total</b>		<b>70</b>	<b>115</b>	<b>21 Hrs</b>	<b>185</b>	<b>515</b>	<b>31 Hrs</b>	<b>700</b>	<b>28</b>

**Semester V**

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP501T	MEDICINAL CHEMISTRY II – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP502T	INDUSTRIAL PHARMACY I – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP503T	PHARMACOLOGY II – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP504T	PHARMACOGNOSY II – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP505T	PHARMACEUTICAL JURISPRUDENCE – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP506P	INDUSTRIAL PHARMACY I – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP507P	PHARMACOLOGY II – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
BP508P	PHARMACOGNOSY II – PRACTICAL	5	10	4 Hr	15	35	4 Hrs	50	2
<b>Total</b>		<b>65</b>	<b>105</b>	<b>17 Hr</b>	<b>170</b>	<b>480</b>	<b>27 Hrs</b>	<b>650</b>	<b>26</b>

## Semester VI

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP601T	MEDICINAL CHEMISTRY III – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP602T	PHARMACOLOGY III – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP603T	HERBAL DRUG TECHNOLOGY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP604T	BIOPHARMACEUTICS AND PHARMACOKINETICS – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP605T	PHARMACEUTICAL BIOTECHNOLOGY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP606T	QUALITY ASSURANCE – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP607P	MEDICINAL CHEMISTRY III – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP608P	PHARMACOLOGY III – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP609P	HERBAL DRUG TECHNOLOGY – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
<b>Total</b>		<b>75</b>	<b>120</b>	<b>18 Hrs</b>	<b>195</b>	<b>555</b>	<b>30 Hrs</b>	<b>750</b>	<b>30</b>

## Semester VII

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP701T	INSTRUMENTAL METHODS OF ANALYSIS – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP702T	INDUSTRIAL PHARMACY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP703T	PHARMACY PRACTICE – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP704T	NOVEL DRUG DELIVERY SYSTEM – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP705 P	INSTRUMENTAL METHODS OF ANALYSIS – PRACTICAL	5	10	4 Hrs	15	35	4 Hrs	50	2
BP706 PS	PRACTICE SCHOOL**	25	-	-	25	125	5 Hrs	150	6
<b>Total</b>		<b>70</b>	<b>70</b>	<b>8Hrs</b>	<b>140</b>	<b>460</b>	<b>21 Hrs</b>	<b>600</b>	<b>24</b>

### Semester VIII

Course Code	Name of the course	Internal Assessment				End Semester Exams		Total Marks	Credits
		Continuous Mode	Sessional Exams		Total	Marks	Duration		
			Marks	Duration					
BP801T	BIOSTATISTICS AND RESEARCH METHODOLOGY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP802T	SOCIAL AND PREVENTIVE PHARMACY – THEORY	10	15	1 Hr	25	75	3 Hrs	100	4
BP803ET	PHARMACEUTICAL MARKETING – THEORY	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200	4+4=8
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								
TBP810ET	EXPERIMENTAL PHARMACOLOGY – THEORY								
BP811ET	ADVANCED INSTRUMENTATION TECHNIQUES – THEORY								
BP812PW	PROJECT WORK	-	-	-	-	150	4 Hrs	150	6
<b>Total</b>		<b>40</b>	<b>60</b>	<b>4 Hrs</b>	<b>100</b>	<b>450</b>	<b>16 Hrs</b>	<b>550</b>	<b>22</b>