

Chhattisgarh Swami Vivekanand Technical University, Bhilai (C.G.)

Scheme of Teaching and Examination

Bachelor of Pharmacy (B. Pharmacy)

I – Semester

S. No	Board of Study	Subject Code	Name of the course with PCI code	Internal Assessment			End Semester Exams		Total Marks	Credit	
				TA	Sessional Exams		Total	Marks			Duration
					CT	Duration					
1.	Pharmacy	341151 (41)	Human Anatomy and Physiology –I– Theory(BP101T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341152 (41)	Pharmaceutical Analysis –I – Theory (BP102T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341153 (41)	Pharmaceutics –I – Theory (BP103T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341154 (41)	Pharmaceutical Inorganic Chemistry – Theory (BP104T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341155 (41)	Communication skills – Theory * (BP105T)	5	10	1 Hr	15	35	1.5 Hrs	50	2
6.	Refer Table - I		Open Elective – I	5	10	1 Hr	15	35	1.5 Hrs	50	2
7.	Pharmacy	341161 (41)	Human Anatomy and Physiology – I Practical(BP107P)	5	10	4 Hrs	15	35	4 Hrs	50	2
8.	Pharmacy	341162 (41)	Pharmaceutical Analysis –I – Practical (BP108P)	5	10	4 Hrs	15	35	4 Hrs	50	2
9.	Pharmacy	341163 (41)	Pharmaceutics –I – Practical (BP109P)	5	10	4 Hrs	15	35	4 Hrs	50	2
10.	Pharmacy	341164 (41)	Pharmaceutical Inorganic Chemistry – Practical (BP110P)	5	10	4 Hrs	15	35	4 Hrs	50	2
11.	Pharmacy	341165 (41)	Communication skills – Practical* (BP111P)	5	5	2 Hrs	10	15	2 Hrs	25	1
12.	Pharmacy	341166 (41)	Remedial Biology – Practical* BP112RBP)	5	5	2 Hrs	10	15	2 Hrs	25	1
Total				70/75^{\$}/80[#]	115/125^{\$}/130[#]	23/24^{\$}/26[#] Hrs	185/200^{\$}/210[#]	490/525^{\$}/54[#]	5/33^{\$}/35[#] Hrs	675/725^{\$}/750[#]	30

Table – I
Open Elective – I

S. No	Board of Study	Subject Code	Name of the course with PCI code
1.	Pharmacy	341171 (41)	Remedial Biology– Theory*(BP106RBT)
2.	Pharmacy	341172 (41)	Remedial Mathematics – Theory* (BP106RMT)

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)

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II – Semester

S. No	Board of Study	Subject Code	Name of the coursewith PCI code	Internal Assessment			End Semester Exams		Total Marks	Credit	
				TA	Sessional Exams		Total	Marks			Duration
					CT	Duration					
1.	Pharmacy	341250 (41)	Human Anatomy and Physiology –II – Theory (BP201T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341252 (41)	Pharmaceutical Organic Chemistry –I – Theory (P202T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341253 (41)	Biochemistry – Theory (BP203T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341254 (41)	Pathophysiology – Theory (BP204T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341255 (41)	Computer Applications in Pharmacy – Theory* (BP205T)	10	15	1 Hr	25	50	2 Hrs	75	3
6.	Pharmacy	341256 (41)	Environmental sciences – Theory* (BP206T)	10	15	1 Hr	25	50	2 Hrs	75	3
7.	Pharmacy	341261 (41)	Human Anatomy and Physiology –II – Practical (BP207P)	5	10	4 Hrs	15	35	4 Hrs	50	2
8.	Pharmacy	341262 (41)	Pharmaceutical Organic Chemistry –I– Practical (BP208P)	5	10	4 Hrs	15	35	4 Hrs	50	2
9.	Pharmacy	341263 (41)	Biochemistry – Practical (BP209P)	5	10	4 Hrs	15	35	4 Hrs	50	2
10.	Pharmacy	341264 (41)	Computer Applications in Pharmacy – Practical* (BP210P)	5	5	2 Hrs	10	15	2 Hrs	25	1
Total				80	125	20 Hrs	205	520	30 Hrs	725	29

* The subject experts at college level shall conduct examinations

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III – Semester

S. No	Board of Study	Subject Code	Name of the course with PCI Code	Internal Assessment				End Semester Exams		Total Marks	Credit
				TA	Sessional Exams		Total	Marks	Duration		
					CT	Duration					
1.	Pharmacy	341351 (41)	Pharmaceutical Organic Chemistry –II – Theory (BP301T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341352 (41)	Physical Pharmaceutics – I –Theory (BP302T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341353 (41)	Pharmaceutical Microbiology – Theory (BP303T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341354 (41)	Pharmaceutical Engineering – Theory (BP304T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341361 (41)	Pharmaceutical Organic Chemistry –II– Practical (BP305P)	5	10	4 Hr	15	35	4 Hrs	50	2
6.	Pharmacy	341362 (41)	Physical Pharmaceutics –I – Practical (BP306P)	5	10	4 Hr	15	35	4 Hrs	50	2
7.	Pharmacy	341363 (41)	Pharmaceutical Microbiology – Practical (BP307P)	5	10	4 Hr	15	35	4 Hrs	50	2
8.	Pharmacy	341364 (41)	Pharmaceutical Engineering – Practical (BP308P)	5	10	4 Hr	15	35	4 Hrs	50	2
Total				60	100	20	160	440	28Hrs	600	24

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IV– Semester

S. No	Board of Study	Subject Code	Name of the course with PCI Code	Internal Assessment			End Semester Exams		Total Marks	Credit	
				TA	Sessional Exams		Total	Marks			Duration
					CT	Duration					
1.	Pharmacy	341451 (41)	Pharmaceutical Organic Chemistry–III–Theory(BP401T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341452 (41)	Medicinal Chemistry –I – Theory(BP402T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341453 (41)	Physical Pharmaceutics – II –Theory (BP403T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341454 (41)	Pharmacology –I – Theory(BP404T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341455 (41)	Pharmacognosy –I – Theory(BP405T)	10	15	1 Hr	25	75	3 Hrs	100	4
6.	Pharmacy	341461 (41)	Medicinal Chemistry– I – Practical(BP406P)	5	10	4 Hr	15	35	4 Hrs	50	2
7.	Pharmacy	341462 (41)	Physical Pharmaceutics –II –Practical (BP407P)	5	10	4 Hrs	15	35	4 Hrs	50	2
8.	Pharmacy	341463 (41)	Pharmacology –I – Practical(BP408P)	5	10	4 Hrs	15	35	4 Hrs	50	2
9.	Pharmacy	341464 (41)	Pharmacognosy – I – Practical(BP409P)	5	10	4 Hrs	15	35	4 Hrs	50	2
Total				70	115	21 Hrs	185	515	31 Hrs	700	28

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V- Semester

S. No	Board of Study	Subject Code	Name of the course with PCI code	Internal Assessment				End Semester Exams		Total Marks	Credit
				TA	Sessional Exams		Total	Marks	Duration		
					CT	Duration					
1.	Pharmacy	341551 (41)	Medicinal Chemistry –II – Theory (BP501T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341552 (41)	Formulative Pharmacy– Theory (BP502T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341553 (41)	Pharmacology– II – Theory (BP503T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341554 (41)	Pharmacognosy– II – Theory (BP504T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341555 (41)	Pharmaceutical Jurisprudence – Theory (BP505T)	10	15	1 Hr	25	75	3 Hrs	100	4
6.	Pharmacy	341561 (41)	Formulative Pharmacy – Practical (BP506P)	5	10	4 Hr	15	35	4 Hrs	50	2
7.	Pharmacy	341562 (41)	Pharmacology– II – Practical (BP507P)	5	10	4 Hr	15	35	4 Hrs	50	2
8.	Pharmacy	341563 (41)	Pharmacognosy– II – Practical (BP508P)	5	10	4 Hr	15	35	4 Hrs	50	2
Total				65	105	17 Hr	170	480	27 Hrs	650	26

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VI– Semester

S. No	Board of Study	Subject Code	Name of the course with PCI code	Internal Assessment			End Semester Exams		Total Marks	Credit	
				TA	Sessional Exams		Total	Marks			Duration
					CT	Duration					
1.	Pharmacy	341651 (41)	Medicinal Chemistry –III – Theory (BP601T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341652 (41)	Pharmacology –III – Theory (BP602T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341653 (41)	Herbal Drug Technology – Theory (BP603T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341654 (41)	Biopharmaceutics and Pharmacokinetics–Theory(BP604T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341655 (41)	Pharmaceutical Biotechnology–Theory (BP605T)	10	15	1 Hr	25	75	3 Hrs	100	4
6.	Pharmacy	341656 (41)	Pharmaceutical Quality Assurance – Theory(BP606T)	10	15	1 Hr	25	75	3 Hrs	100	4
7.	Pharmacy	341661 (41)	Medicinal chemistry –III – Practical (BP607P)	5	10	4 Hrs	15	35	4 Hrs	50	2
8.	Pharmacy	341662 (41)	Pharmacology –III – Practical (BP608P)	5	10	4 Hrs	15	35	4 Hrs	50	2
9.	Pharmacy	341663 (41)	Herbal Drug Technology –Practical (BP609P)	5	10	4 Hrs	15	35	4 Hrs	50	2
Total				75	120	18 Hrs	195	555	30 Hrs	750	30

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VII – Semester

S. No	Board of Study	Subject Code	Name of the course with PCI code	Internal Assessment			End Semester Exams		Total Marks	Credit	
				TA	Sessional Exams		Total	Marks			Duration
					CT	Duration					
1.	Pharmacy	341751 (41)	Instrumental Methods of Analysis – Theory (BP701T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341752 (41)	Industrial Pharmacy – Theory (BP702T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Pharmacy	341753 (41)	Pharmacy Practice – Theory (BP703T)	10	15	1 Hr	25	75	3 Hrs	100	4
4.	Pharmacy	341754 (41)	Novel Drug Delivery System – Theory (BP704T)	10	15	1 Hr	25	75	3 Hrs	100	4
5.	Pharmacy	341761 (41)	Instrumental Methods of Analysis – Practical (BP705 P)	5	10	4 Hrs	15	35	4 Hrs	50	2
6.	Pharmacy	341762 (41)	Practice School* (BP706 PS)	25	-	-	25	125	5 Hrs	150	6
Total				70	70	8Hrs	140	460	21 Hrs	600	24

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VIII – Semester

S. No	Board of Study	Subject Code	Name of the course with PCI code	Internal Assessment			End Semester Exams		Total Marks	Credit	
				TA	Sessional Exams		Total	Marks			Duration
					CT	Duration					
1.	Pharmacy	341851 (41)	Biostatistics and Research Methodology – Theory (BP801T)	10	15	1 Hr	25	75	3 Hrs	100	4
2.	Pharmacy	341852 (41)	Social and Preventive Pharmacy – Theory (BP802T)	10	15	1 Hr	25	75	3 Hrs	100	4
3.	Refer Table-I		Open Elective-I	10 + 10 = 20	15+15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6Hrs	100+100= 200	4+4=8
4.	Pharmacy	341861 (41)	Project Work (BP812PW)	-	-	-	-	150	4 Hrs	150	6
Total				40	60	4 Hrs	100	450	16 Hrs	550	22

**Table –I
Open Elective-I**

S. No	Board of Study	Subject Code	Name of the course with PCI code
1.	Pharmacy	341871 (41)	Pharmaceutical Marketing – Theory (BP803ET)
2.	Pharmacy	341872 (41)	Pharmaceutical Regulatory Science – Theory (BP804ET)
3.	Pharmacy	341873 (41)	Pharmacovigilance – Theory (BP805ET)
4.	Pharmacy	341874 (41)	Quality Control and Standardizations of Herbals – Theory (BP806ET)
5.	Pharmacy	341875 (41)	Computer Aided Drug Design – Theory (BP807ET)
6.	Pharmacy	341876 (41)	Cell and Molecular Biology – Theory (BP808ET)
7.	Pharmacy	341877 (41)	Cosmetic Science – Theory (BP809ET)
8.	Pharmacy	341878 (41)	Experimental Pharmacology – Theory (BP810ET)
9.	Pharmacy	341879 (41)	Advanced Instrumentation Techniques – Theory (BP811ET)

Note (1) - 1/4th of the total strength of students subject to Minimum Strength of twenty students is required to offer an elective in the college in a particular academic session.

Note (2) - Choice of elective course once made for an examination cannot be changed.

Note (3) - Select any two subjects from elective list.