



GONDWANA UNIVERSITY GADCHIROLI

Ordinance NO. 25 OF 2017

EXAMINATIONS LEADING TO THE DEGREE OF BACHELOR OF PHARMACY (B.PHARM),FOUR YEAR EIGHT SEMESTER DEGREE COURSE WITH CREDIT GRADE SYSTEM ORDINANCE, 2017.

Whereas, it is expedient to provide an ordinance in respect of Examinations leading to the Degree of Bachelor of Pharmacy (B.Pharm.) four year Eight semester Degree course, with credit grade system for the purposes hereinafter appearing, the Management council is hereby pleased to make the following ordinance :-

- 1 This ordinance may be called “Examinations Leading to the Degree of Bachelor of Pharmacy (B. Pharm.) Four Year - Eight Semesters Degree with **credit** system Course, ordinance, 2017”
- 2 This ordinance shall come into force from the date of its with credit grade system..
- 3 There shall be Eight Examinations leading to the Degree of making by the management council.
Bachelor of Pharmacy namely:
 - (i)The First B.Pharm Examination consisting of Semester-I & II at the end of each semester;
 - (ii) The Second B.Pharm Examination consisting of Semester-III & IV at the end of each semester;
 - (iii) The Third B. Pharm. Examination consisting of Semester-V & VI at the end of each semester;
and
 - (iv) The Final B. Pharm Examination consisting of Semester-VII & VIII at the end of each semester.
- 4 The duration of each semester shall be of six months.
- 5 The examinations specified in Paragraph 3 above shall be held twice a year at such places and on such dates as may be appointed by the Board of Examinations.
 - The course and examination scheme with credit grade system is appended under **Appendix A** and the syllabus shall be as prescribed by the university.
- 6 An applicant for admission to an examination specified in Paragraph 3 shall pause regular course of study in courses prescribed for the examination concerned for not less than one semester in a particular semester in a College affiliated to the University.
- 7 Subject to his compliance with the provisions of this ordinance and of other ordinances in force from time to time, an applicant for admission to.
 - (A) The (First B. Pharm- Semester I and II) Examinations shall have passed not less than one academic year previously-
 - (i) The Diploma in Pharmacy Examination from an Institution recognized by the Pharmacy Council of India,with minimum 40% marks.

* Such candidates if admitted in I semester B. Pharm. Shall be exempted in all the subjects/heads of passing of I and II semester B.Pharm. excluding the subject of ‘Biostatistics and computer Applications in Pharmacy’ of II semester B.Pharm. such candidates have to pass in the theory paper of ‘Biostatistics and computer Applications in Pharmacy’ of II semester B.Pharm. failing which his/her result of ^Vth semester B.Pharm. shall be withheld.

OR

(ii) The 12th Standard Examination of the Maharashtra State Board of Secondary and Higher Secondary Education with English, Physics, Chemistry and Biology or Mathematics as subjects of study at the 12th Standard; securing minimum 45% marks (40% marks for backward class candidates from Maharashtra) in the said subjects taken together and passed in the same sitting;

OR

(iii) An Examination recognized as equivalent with by the affiliating university in such subjects and with such standards of attainments as may be prescribed. by the governing council ; and
The norms laid down by the Directorate of Technical Education, Mumbai, Government of Maharashtra from time to time shall be made applicable.

(B) The (Second B.Pharm- Semester III and IV) Examination –

Shall have passed not less than one academic year previously the (First B. Pharm) Examination of the University or the post H.S.S.C. Diploma in Pharmacy (i.e. according to Education Regulation, 1991 of Pharmacy Council of India) from the Board of Technical Education or equivalent from an institute approved by Pharmacy Council of India in first attempt scoring, not less than 50% for open category and 45% for reserve category, marks at D. Pharm. Part-II Examination provided that they appear and pass in the theory papers of Statistics and computer application of First year B.Pharm. (Semester-II) examination otherwise, their result of the third year B.Pharm. (Semester-V) examination shall not be declared.

(C) The (third B. Pharm- Semester V and VI) Examinations:- shall have passed the (Second B. Pharm i.e. Semester-III & IV) Examinations of the University not less than one Academic year previously.

(D) The (Final B.Pharm- Semester VII and VIII) Examinations:- shall have passed the (Third B. Pharm i.e. Semester V & VI) Examinations of the University not less than one Academic year previously.

8 The scheme of evaluation as made applicable to the given program shall be as follows.

➤ **SCHEME OF EVALUATION FOR B.PHARM.**

Sr. no	Credit	Internal	External	Total mark
1	Four credits (Theory)	20	80	100
2	Two credits (Theory)	10	40	50
3	Four credits (Practical)	20	80	100
4	Two credits (Practical)	10	40	50
5	Eight credits(project)	150	50	200

- i) Note:- out of 150 marks in internal project the 150 marks is distributed in following way
Seminar =50 marks, Internal viva=60 marks, Project =40 marks
- ii) Seminar and the project shall be compulsory to each student at the end semester of third and final year.ie VI and VIII Semester
- iii) The term end examination, however, shall be conducted by the affiliate Gondwana University Gadchiroli.

9 The ATKT rules shall be as indicated in table 2 given below

Table 2: ATKT rules for student of B.Pharm Programme (Session 2012-13 & onward admitted to I semester

B.Pharm Programme)			
For Admission To semester	Candidates Should have passed in all the subjects of following examination/s	Candidates should have satisfactorily completed and appeared for at least one theory paper of the following examination	Candidates should have passed in all the subjects except in Five or less number of passing heads of the following examination taken together

I semester	XII Std or equivalent*	-----	-----
II semester	-----	I semester	-----
III semester	**	II semester	I & II semester
IV semester	-----	III semester	-----
V semester	I & II semester	IV semester	III & IV semester
VI semester	-----	V semester	-----
VII semester	III & IV semester	VI semester	V & VI semester
VIII semester	-----	VII semester	-----

10 For considering the head of passing, every Theory & Practical course shall be considered as separate heads of passing.

11 Without prejudice to the other provisions of Ordinance 6 relating to the Examination in General, the provisions of Paragraphs 5, 7, 8,9 and 12, of the said Ordinance shall apply to every collegiate candidate.

12 The fee for each examination and practical examination shall be as prescribed by the University, from time to time.

13 An applicant for admission to an examination shall satisfy the Head of the Department /Principal in the Terminal and other Tests conducted during the academic year regarding his suitability to take the examination.

14 The maximum marks allotted to the Sessional Examination in each paper, the written part and the practical part for each of the Four Examinations shall be as per **Appendix A** with this Ordinance.

15 The scope of the subjects shall be as indicated in the Syllabus and shown in **Appendix B**

16 The Head/ Principal shall maintain in his office a complete record of marks obtained by the candidate in the sessionals. He shall send to the Controller of Examinations in a sealed cover the final marks in Sessional examination obtained by every examinee.

17 In order to pass an examination by an examinee-

(i) Shall obtain not less than 45% of the total marks allotted to each written paper by university and its respective Sessional Examination taken together as shown in the **Appendix A**

(ii) Shall obtain not less than 50% of the total marks allotted to each practical and its respective Sessional taken together
as shown in **Appendix A.**

18 There shall be no classification of successful examinees at the Sem-I & II, Sem-III & IV and Sem-V & VI Examinations.

19 Division of Successful examinees at the Final B.Pharm- (Semester VII and VIII) examination shall be determined on the basis of the aggregate marks obtained at the (Third and Final B.Pharm- Semester V, VI, VII, and VIII) examinations taken together.

20 Those obtaining 60% or more marks in the aggregate shall be placed in the First Division, and all other successful examinees in the second Division.

21 An examinees who is successful at an examination and obtains not less to 75% of the total marks prescribed in a subject, shall be declared to have passed the examination with Distinction in that subject.

22 If a student fails in an examination his marks of Internal/ Sessional Assessment of Theory of the examination shall be carried over for the next examination. However, he can give a declaration to the effect that

his Internal/Sessional Assessment marks of the Theory should not be counted if desired and his marks in the Theory shall be only on the basis of course obtained in external examination.

23 Examination of the subject head "Seminars and Project work" will be conducted by the institute. The criteria for marks distribution is specified in the scheme of examination. The institute must submit the marks awarded in the Project report and in seminar to the controller of examinations along with the periodic test marks (i.e. internal assessment marks). Once the candidate has passed in the subject head "Seminars and Project work," the candidate will not be allowed to reappear for examination in this subject head.

24 Provisions relating to Grace marks for passing in a Head of passing and Improvement of Division (Higher Class) and getting distinction in the subject and condonation of deficiency of marks in a subject in all the faculties shall apply to the examinations under this ordinance.

25 The final examination for I,III,V,VII semester will be held in winter every year and their supplementary examination in summer every year and for the II ,IV,VI,VIII semester the exam will be held in summer every year and their supplementary examination in winter every year.

26 Notwithstanding anything to the contrary in this ordinance, the Degree of Bachelor of Pharmacy shall not be conferred upon a person unless:-

He Undergoes a practical training of not less than eight weeks after taking the Third year (Semester-V & VI) or Final year (Semester-VII & VIII) B. Pharm. Examination in concern approved by the Head/Principal and unless the Head/ Principal certifies that the person has satisfactorily completed the said practical training as the case may be.

27 Successful examinees at all semester examinations viz I to VIII shall, on payment of the prescribed fees, receive a degree, in the prescribed form, signed by the Vice-Chancellor.

28 the result of all the examinations shall be classified on the basis of semester grade point score (SGPS) evaluated as given below.

➤ CREDIT-GRADE SYSTEM (CGS)

FEATURES OF THE CREDIT SYSTEM

- Degree course would be of total 225 credits.
- one credit course of theory will be of one clock hours.
- Two credit courses of practical will consist of four hours of laboratory exercise.

First Year may divide into total two semesters (semester-I and semester-II) and shall have total 11 theory courses, 10 practical courses.

- 4 Theory course x 4 credits = 16 credits
 - 5 Theory courses x 3 credits = 15 credits
 - 2 Theory courses x 2 credits = 4 credits
 - 10 Laboratory courses x 2 credits = 20 credits
- Total = 55 credits

Second Year may divide into total two semesters (semester-III and semester IV) and shall have total 12 theory courses, 10 practical courses.

*Effective from the Academic year 2016-17 for the students admitted to vth semester of Bachelor of Pharmacy Degree course.

- 2 Theory course x 4 credits = 8 credits
 - 8 Theory courses x 3 credits = 24 credits
 - 2 theory course x 2 credits = 4 Credits
 - 10 Laboratory courses x 2 credits = 20 credits
- Total = 56 credits

Third Year may divide into total two semesters (semester-V and semester-VI) and shall have total 12 theory courses, 10 practical course and 1 Seminar

- 2 Theory course x4 credits = 8 credits
 - 9 Theory courses x 3 credits = 27 credits
 - 1 Theory courses x 2 credits = 2credits
 - 10 Laboratory courses x 2 credits = 20 credits
- Total = 57 credits

Forth Year may divide into total two semesters (semester-VII and semester VIII) and shall have total 10 theory courses, 9 practical course and 1 Project

- 2Theory courses x 4credits = 8 credits
 - 7 Theory courses x 3credits = 21 credits
 - 1 Theory courses x 2credits = 2credits
 - 9Laboratory courses x 2 credits = 18credits
 - 1 Project x 8credits = 08 credit
- Total = 57 credits

EVERY STUDENT SHALL COMPLETE MINIMUM 225 CREDITS IN EIGHT SEMESTERS.

- First year (semester-I and II) = 55credits
- Second year (semester-III and IV) = 56 credits
- Third year (semester-V and VI) = 57 credits
- Fourth year (semester-VII and VIII) = 57credits

Eight semesters total credits = 225credits

29 Academic calendar showing dates of commencement and end of teaching, internal assessment tests and term end examination shall be duly notified before commencement of each semester every year by the college / institute.

- i) Credit system offers more options to students and has more flexibility.
- ii) Students can get requisite credits from the concerned college where she/he is mutually permitted on Terms mutually agreed to complete the same and be eligible to appear for term end examination.
- iii) Seminar and the project shall be compulsory to each student at the end semester of third and final year. Viz VI and VIII semester
- iv) The term end examination however shall be conducted by the Gondwana University Gadchiroli
- v) Grades-Marks for each course would be converted to grades as shown in the following Table.

Table : Adopted credit Grade system

Marks Obtained (Theory)	Marks Obtained (Practical)	Grade	Grade Points
100-85	85-100	O	10
84-75	80-85	A+	9
74-65	75-80	A	8
64-60	70-75	B+	7
59-55	65-70	B	6
54-50	60-65	C	5
49-45	50-59	D	4
44 and less	49and less	F	0-Failed (Clear Course)
Absent in Examination	Absent in Examination	Z	--

- vi) **F** grade stand for failure in the course examination. The course (s) in which a student has earned F-grade will be termed as back –log i.e. course (s) under ATKT .such a Student will be required to reappear in the given course examination in the supplementary examination.
- vii) **Z**-Grade is awarded to a student who is absent in the examination or is not allowed to appear or could not appear in the end semester in a particular subject due to any reason, though he

might have undergone other component such as mid semester exam, internal evaluation, term work etc. such a student will be required to appear in the given course in which he/she has secured Z-grade in the onward term..

viii) Grade points earned in each paper shall be calculated as – Grade points obtained x Credits for the paper.

ix) Semester Grade Point Score (SGPs) & CGPS

The marks will be in all examination which will include college assessment marks and the total marks for each theory /practical shall be converted into grade as per above table. SGPS shall be calculated based on grade points corresponding to grade as given in above table and credits allotted to respective Theory/practical shown in the scheme for respective semester.

SGPS shall be computed for every semester and CGPS shall be computed only in VIII semester,. The CGPA of V Semester shall be calculated based on SGPS of V-VIII semester only as per following computation the program :-

$$SGPS = \frac{C1XG1+C2XG2+\dots+CnXGn}{C1+C2+\dots+Cn}$$

Where C:- no of credits of individual course

G:- corresponding grade points obtained in the respective course .

$$CGPS = \frac{(SGPA)VX(Cr)V+(SGPA)VIX(Cr)VI+(SGPA)VIIX(Cr)VII+(SGPA)VIIIX(Cr)VIII}{(Cr)V+(Cr)VI+(Cr)VII+(Cr)VIII}$$

Where, (SGPA) “V” =SGPA of “V” semester ,(Cr) “V”= total credit for “V” semester, (SGPA) “VI”=SGPA of “VI” semester, (Cr) “VI”= total credit for “VI” semester ,(SGPA) “VII” =SGPA of “VII” semester, (Cr) “VII” = total credit for “VII” semester, (SGPA) “VII” =SGPA of “VII” semester, (Cr) “VII” = total credit for “VII” semester

CGPA	Final Grade
9.0-10	O
8.0-8.9	A+
7.0-7.9	A
6.0-6.9	B+
5.5-5.9	B
5.0-5.4	C
4.5-4.9	D
4.0-4.4	F

- x) The student will have to complete 225 compulsory credits for the concerned course.
- xi) The university in consultation with the Dean, Faculty of medicine, and Board of studies in pharmaceutical sciences (faculty of medicine) of Gondwana University Gadchiroli can make necessary changes in the syllabus.
- xii) Final Mark List will only show the grade and grade points and not the marks.

30 ACADEMIC CALENDAR AND TERMS

The terms and academic activities of the College affiliated to Gondwana University Gadchiroli shall be as prescribed by the university for respective academic session.

(Statement of object and reasons)

The Vice-chancellor of the university had issued Direction No. 124 of 2012 & Amending No.124 (A) of 2013 on 28/6/2012 & 16/08/2013 respectively in respect of Examination leading to award of Bachelor of pharmacy (B.Pharm.) (Four year Degree course) with semester pattern and credit grade system from the year 2012-13, under provision of section 14 (8) of the Maharashtra university Act, 1994. Direction No.124 of 2012 was for their amended by Direction No.191 of (ies) 2012

The subject matter of the Direction is required to be regulated by an ordinance as provided under the Act.

In view of the above, the existing Directions are required to be converted into an ordinance as provided under the Act, hence this Draft ordinance is prepared for its consideration by the Academic council and the Management council.

GONDWAN UNIVERSITY, GADCHIROLI

Four Year Degree Course in Pharmacy

I Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks
BP101	Pharmaceutics-I	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 102	Pharmaceutical inorganic chemistry -I	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 103	Pharmaceutical Biochemistry –I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 104	Anatomy and Physiology –I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 105	Pharmacognosy –I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 106	Pharmaceutics-I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 107	Pharmaceutical inorganic chemistry -I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 108	Pharmaceutical Biochemistry –I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 109	Anatomy and Physiology –I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 1010	Pharmacognosy –I	-	-	4	2	5	-	-	-	-	80	20	100	50
	Total	17	0	20	27				500				500	
Semester total						1000								

II Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

Subject Code	Subject	Teaching Scheme				Examination Scheme									
		Hours per week			No. of Credits	Theory						Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks	
BP201	Pharmaceutics-II	4	-	-	4	3	80	20	100	45	-	-	-	-	
BP 202	Pharmaceutical inorganic chemistry -II	4	-	-	4	3	80	20	100	45	-	-	-	-	
BP 203	Pharmaceutical Biochemistry -II	2	-	-	2	3	80	20	100	45	-	-	-	-	
BP 204	Anatomy and Physiology -II	3	-	-	3	3	80	20	100	45	-	-	-	-	
BP 205	Pharmacognosy -II	3	-	-	3	3	80	20	100	45	-	-	-	-	
BP 206	Statistics and computer application in pharmacy	2	-	-	2	3	80	20	100	45	-	-	-	-	
BP 207	Pharmaceutics-II	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 208	Pharmaceutical inorganic chemistry -I	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 209	Pharmaceutical Biochemistry -I	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 2010	Anatomy and Physiology -I	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 2011	Pharmacognosy -I	-	-	4	2	5	-	-	-	-	80	20	100	50	
	Total	18	0	20	28				600				500		
Semester total						1100									

III Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks
BP301	Physical Pharmacy –I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 302	Pharmaceutical Organic Chemistry-I	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 303	Pharmaceutical Analysis-I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 304	Pharmaceutical Microbiology	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 305	Pharmacology-I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 306	Hospital and community Pharmacy	2	-	-	2	3	80	20	100	45	-	-	-	-
BP 307	Physical Pharmacy –I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 308	Pharmaceutical Organic Chemistry-I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 309	Pharmaceutical Analysis-I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 3010	Pharmaceutical Microbiology	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 3011	Pharmacology-I	-	-	4	2	5	-	-	-	-	80	20	100	50
	Total	18	0	20	28				600				500	
Semester total						1100								

IV Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks
BP401	Physical Pharmacy-II	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 402	Pharmaceutical Organic chemistry-II	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 403	Pharmaceutical Analysis-II	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 404	Pharmaceutical Biotechnology	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 405	Pharmacology-II	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 406	Pharmaceutical Management	2	-	-	2	3	80	20	100	45	-	-	-	-
BP 407	Physical Pharmacy-II	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 408	Pharmaceutical Organic chemistry-II	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 409	Pharmaceutical Analysis-II	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 4010	Pharmaceutical Biotechnology	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 4011	Pharmacology-II	-	-	4	2	5	-	-	-	-	80	20	100	50
	Total	18	0	20	28				600				500	
Semester total						1100								

V Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks
BP501	Pharmaceutics-III (D.F.T.)	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 502	Pharmaceutical Engineering-I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 503	Pharmaceutical organic chemistry-III	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 504	Pharmacology-III	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 505	Pharmacognosy -III	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 506	Biopharmaceutics	2	-	-	2	3	80	20	100	45	-	-	-	-
BP 507	Pharmaceutics-III (D.F.T.)	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 508	Pharmaceutical Engineering-I	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 509	Pharmaceutical organic chemistry-III	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 5010	Pharmacology-III	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 5011	Pharmacognosy -III	-	-	4	2	5	-	-	-	-	80	20	100	50
	Total	18	0	20	28				600				500	
Semester total						1100								

VI Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks
BP601	Pharmaceutics-IV (D.F.T.)	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 602	Pharmaceutical Engineering-II	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 603	Medicinal Chemistry-I	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 604	Pharmacology-IV	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 605	Pharmacognosy –IV	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 606	Pharmaceutical Analysis-III	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 607	Pharmaceutics-IV (D.F.T.)	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 608	Pharmaceutical Engineering-II	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 609	Pharmaceutical Analysis-III	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 6010	Pharmacology-IV	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 6011	Pharmacognosy –IV	-	-	4	2	5	-	-	-	-	80	20	100	50
	Total	18	0	20	29				600				500	
Semester total						1100								

VII Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

Subject Code	Subject	Teaching Scheme				Examination Scheme									
		Hours per week			No. of Credits	Theory					Practical				
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks	
BP701	Pharmaceutics-V	4	-	-	4	3	80	20	100	45	-	-	-	-	
BP 702	Medicinal chemistry -II	3	-	-	3	3	80	20	100	45	-	-	-	-	
BP 703	Pharmaceutical Analysis-IV	3	-	-	3	3	80	20	100	45	-	-	-	-	
BP 704	Pharmacology-V	3	-	-	3	3	80	20	100	45	-	-	-	-	
BP 705	Pharmacognosy –V	3	-	-	3	3	80	20	100	45	-	-	-	-	
BP 706	Pharmaceutical Jurisprudence	2	-	-	2	3	80	20	100	45	-	-	-	-	
BP 707	Pharmaceutics-V	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 708	Medicinal chemistry -II	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 709	Pharmaceutical Analysis-IV	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 7010	Pharmacology-V	-	-	4	2	5	-	-	-	-	80	20	100	50	
BP 7011	Pharmacognosy –V	-	-	4	2	5	-	-	-	-	80	20	100	50	
	Total	18	0		28				600				500		
Semester total						1100									

VIII Semester B.Pharm [Course and Examination Scheme with Credit Grade System]

subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Mark	Max. Marks Sessional	Total	Min Passing Marks	Max Marks	Max. Marks Sessional	Total	Min Passing Marks
BP801	Pharmaceutics-VI	4	-	-	4	3	80	20	100	45	-	-	-	-
BP 802	Medicinal Chemistry-III	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 803	Pharmaceutical Analysis-V	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 804	Pharmacology- VI	3	-	-	3	3	80	20	100	45	-	-	-	-
BP 805	Seminar and Project work	-	-	4	8	-	50	150	200	100	-	-	-	-
BP 801	Pharmaceutics-VI	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 802	Medicinal Chemistry-III	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 803	Pharmaceutical Analysis-V	-	-	4	2	5	-	-	-	-	80	20	100	50
BP 804	Pharmacology- VI	-	-	4	2	5	-	-	-	-	80	20	100	50
	Total	21	0	20	31				600				400	
Semester total						1000								

SEMESTER STATEMENT

Semester	No of passing heads			Teaching Scheme				Max Mark		
	Theory	Practical	Total	Lectures	Tutorial	Practical	Credit	Theory	Practical	Total
I	5	5	10	17	-	20	27	100	100	200
II	6	5	11	18		20	28	100	100	200
III	6	5	11	18		20	28	100	100	200
IV	6	5	11	18		20	28	100	100	200
V	6	5	11	18		20	28	100	100	200
VI	6	5	11	19		20	29	100	100	200
VII	6	5	11	18		20	28	100	100	200
VIII	4	4+Project	08+ Project	13		16+Project	29	100	100+ Project(200)	300
Total	45	40	85	141		157	225	900	800	1700

SEMESTER STATEMENT

Semester	No of passing heads			Teaching Scheme				Max Mark		
	Theory	Practical	Total	Lectures	Tutorial	Practical	Credit	Theory	Practical	Total
I	5	5	10	17	-	20	27	500	500	1000
II	6	5	11	18	-	20	28	600	500	1100
III	6	5	11	18	-	20	28	600	500	1100
IV	6	5	11	18	-	20	28	600	500	1100
V	6	5	11	18	-	20	28	600	500	1100
VI	6	5	11	19	-	20	29	600	500	1100
VII	6	5	11	18	-	20	28	600	500	1100
VIII	4	4+Project	08+ Project	13	-	16+Project	29	400	400+ Project(200)	1000
Total	45	40	85	141	-	157	225	4500	4100	8600

