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SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapuramu
NH – 40, Nandyal, Kurnool District, Andhra Pradesh – 518501

2.5 - Evaluation Process and Reforms

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**2.5.1 - Mechanism of internal assessment is
transparent and robust in terms of
frequency and mode AY: 2023-24**

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2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode.

Santhiram College of Pharmacy is affiliated to Jawaharlal Nehru Technological University Anantapur (JNTUA), Andhra Pradesh and hence, follows its rules and guidelines regarding the assessment and evaluation process of performance of students. The same is communicated to the students. The internal assessment is carried out in a systematic manner for theory courses, laboratory courses, seminars, summer internship and project.


Academic calendar is given by university at the beginning of each semester and is made available on the college website and notice-boards of the departments. Thus, students know about the dates of class tests (CT), submission of assignments well in advance and hence, can plan accordingly. The dates and schedule of internal assessment of laboratory courses, seminars, summer internship and project are displayed through the notices to the students well in advance.

For theory sessional assessment the question papers are prepared at the department level with reference to old question paper/question bank/book followed by faculty members.

- Question paper is prepared by individual faculty/ faculty members teaching the same subject.
- Quality of question papers are checked and final question paper is approved by concerned authority.
- Assignments are allocated on weekly basis by faculty teaching the subject and are uploaded on the college portal.
- Answer sheets are evaluated and checked answer sheets are shown to the students.
- Sessional result analysis is discussed at HoD level.
- A comparative evaluation of student's performance is carried out.
- Two internal tests were conducted for B. Pharm & M. Pharm Programmes and three internal tests were conducted for Pharm. D programme.

For assessment of seminars, summer internship and project, faculty coordinator prepares a schedule of presentation of students in slots in consultation with the HoD and is communicated to students. Students present their work or report to the coordinator via PPT mode and evaluated on the basis of various parameter set by respective coordinator.

For assessment of laboratory course an internal practical examination conducted by respective faculty member at the end of course.


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(Established by Govt. of A.P., Act. No. 30 of 2008)
Ananthapuramu-515 002 (A.P) India

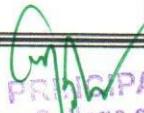
**Academic Regulations (R23) for
B. Pharm. (Regular-Full time)**

(Effective for the students admitted into I year from the Academic Year
2023-2024 onwards)

and

**Academic Regulations (R23) for
B. Pharm. (Lateral Entry Scheme)**

(Effective for the students getting admitted into II year through Lateral Entry
Scheme from the Academic Year **2024-2025** onwards)


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5. Course Classification

All subjects/ courses offered for the B.Pharm. programme are broadly classified as follows. The University has followed the guidelines issued by UGC/PCI.


S.No.	Broad Course Classification	Course Category	Description
1.	Foundation Courses	Fundamental courses	Includes sciences, humanities, social sciences and engineering courses
2.	Core Courses	Professional Core Courses (PC)	Includes core subjects related to the programme.
3.	Elective Courses	Professional Elective Courses (PE)	Includes elective subjects related to the programme.
		Open Elective Courses (OE)	Electives which include multidisciplinary subjects in an area outside the programme.
4.	Skill Courses	Skill Enhancement Courses (SEC)	Courses to develop and strengthen the necessary skills to gain, maintain, and advance in a chosen area.
5.	Project & Internships	Project	B. Pharm. Project or Major Project
		Internships	Community based and Industry Internships
6.	Audit Courses	Mandatory noncredit courses	Covering subjects of developing desired attitude among the learners

6. Programme Pattern

- i) The total duration of the B. Pharm. (Regular) programme is four academic years.
- ii) Each academic year of study is divided into two semesters.
- iii) The minimum number of instruction days in each semester is 90.
- iv) There shall be a mandatory student induction program for freshers, with a three-week duration before the commencement of the first semester. Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Branch & Innovations etc., are to be included as per the AICTE guidelines.
- v) Increased flexibility for students through an increase in the elective component of the curriculum.
- vi) A pool of job-oriented/domain skill courses which are relevant to the industry are integrated into the curriculum. There shall be 05 skill-oriented courses offered during III to VII semesters. Among the five skill courses, four courses shall focus on the basic and advanced skills related to the domain and the other shall be a soft skills course.
- vii) Students shall undergo practice school and mandatory internships.
- viii) An undergraduate degree either with Honours or Research is introduced by the University for the students having good academic record.
- ix) Each college shall assign a faculty advisor/mentor after admission to a group of students to provide guidance in courses registration / career growth / placements / opportunities for higher studies / GPAT / other competitive exams etc.
- x) Preferably 25% of course work for the theory courses in every semester shall be conducted in the blended mode of learning.

7. Evaluation Process

The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks for theory and 100 marks for practical subject. Practice School and Internships shall be evaluated for 50 marks, Project work in the final semester shall be evaluated for 200 marks, mandatory courses with no credits shall be evaluated for 30 mid semester marks.


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A student has to secure not less than 35% of marks in the end examination and a minimum of 40% of marks in the sum total of the mid semester and end examination marks taken together for the theory, practical or project etc. In the case of a mandatory course, he/she should secure 40% of the total marks.

- i) For the theory subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End-Examination.
- ii) For practical subjects, the distribution shall be 30 marks for the Internal Evaluation and 70 marks for the End- Examination.
- iii) If any subject has both theory and practical components, they will be evaluated separately as theory subject and practical subject.

A. Theory Courses

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

Continuous Internal Evaluation

- i) For theory subjects, during the semester, there shall be two midterm examinations. Each midterm examination shall be evaluated for 30 marks of which 10 marks for objective paper (20 minutes duration), 15 marks for subjective paper (90 minutes duration) and 5 marks for assignment.
- ii) Objective paper shall contain for 05 short answer questions with 2 marks each or maximum of 20 bits for 10 marks. Subjective paper shall contain 3 either or type questions (totally six questions from 1 to 6) of which student has to answer one from each either-or type of questions. Each question carries 10 marks. The marks obtained in the subjective paper are condensed to 15 marks.

Note:

- The objective paper shall be prepared in line with the quality of competitive examinations questions.
 - The subjective paper shall contain 3 either or type questions of equal weightage of 10 marks. Any fraction shall be rounded off to the next higher mark.
 - The objective paper shall be conducted by the respective institution on the day of subjective paper test.
 - Assignments shall be in the form of mini projects, slip tests, quizzes etc., depending on the course content. It should be continuous assessment throughout the semester and the average marks shall be considered.
- iii) If the student is absent for the mid semester examination, no re-exam shall be conducted and mid semester marks for that examination shall be considered as zero.
 - iv) First midterm examination shall be conducted for I, II units of syllabus with one either or type question from each unit and third either or type question from both the units. The second midterm examination shall be conducted for III, IV and V units with one either or type question from each unit.

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- v) Final mid semester marks shall be arrived at by considering the marks secured by the student in both the mid examinations with 80% weightage given to the better mid exam and 20% to the other.

For Example:

Marks obtained in first mid: 25

Marks obtained in second mid: 20

Final mid semester Marks: $(25 \times 0.8) + (20 \times 0.2) = 24$

If the student is absent for any one midterm examination, the final mid semester marks shall be arrived at by considering 80% weightage to the marks secured by the student in the appeared examination and zero to the other. For Example:

Marks obtained in first mid: Absent

Marks obtained in second mid: 25

Final mid semester Marks: $(25 \times 0.8) + (0 \times 0.2) = 20$

End Examination Evaluation:


End examination of theory subjects shall have the following pattern:

- i) There shall be 6 questions and all questions are compulsory.
- ii) Question I shall contain 10 compulsory short answer questions for a total of 20 marks such that each question carries 2 marks.
- iii) There shall be 2 short answer questions from each unit.
- iv) In each of the questions from 2 to 6, there shall be either/or type questions of 10 marks each. Student shall answer any one of them.
- v) The questions from 2 to 6 shall be set by covering one unit of the syllabus for each question.

B. Practical Courses

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

- a) For practical courses, there shall be a continuous evaluation during the semester for 30 sessional marks and the end examination shall be for 70 marks.
 - b) Day-to-day work in the laboratory shall be evaluated for 15 marks by the concerned laboratory teacher based on the record/viva and 15 marks for the internal test.
 - c) The end examination shall be evaluated for 70 marks, conducted by the concerned laboratory teacher and a senior expert in the subject from the same department.
 - Procedure: 20 marks
 - Experimental work & Results: 30 marks
 - Viva voce: 20 marks.
- C. There shall be no external examination for mandatory courses with zero credits. However, attendance shall be considered while calculating aggregate attendance and student shall be declared to have passed the mandatory course only when he/she secures 40% or more in the internal examinations. In case the student fails, a re-examination shall be conducted for failed candidates for 30 marks satisfying the conditions mentioned in item 1 & 2 of the regulations.


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16. Grading:

As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades and corresponding percentage of marks shall be followed:

After each course is evaluated for 100 marks, the marks obtained in each course will be converted to a corresponding letter grade as given below, depending on the range in which the marks obtained by the student fall.

Structure of Grading of Academic Performance

Range in which the marks in the subject fall	Grade	Grade points
		Assigned
90 & above	Superior	10
80 - 89	A (Excellent)	9
70 - 79	B (Very Good)	8
60 - 69	C (Good)	7
50 - 59	D (Average)	6
40 - 49	E (Pass)	5
< 40	F (Fail)	0
Absent	Ab (Absent)	0

- i) A student obtaining Grade 'F' or Grade 'Ab' in a subject shall be considered failed and will be required to reappear for that subject when it is offered the next supplementary examination.
- ii) For non-credit audit courses, "Satisfactory" or "Unsatisfactory" shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA/Percentage.

Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

The Semester Grade Point Average (SGPA) is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.,

$$SGPA = \frac{\sum (C_i \times G_i)}{\sum C_i}$$

where, C_i is the number of credits of the i^{th} subject and G_i is the grade points scored by the student in the i^{th} course.


The Cumulative Grade Point Average (CGPA) will be computed in the same manner considering all the courses undergone by a student over all the semesters of a program, i.e.,

$$CGPA = \frac{\sum (C_i \times S_i)}{\sum C_i}$$

where " S_i " is the SGPA of the i^{th} semester and C_i is the total number of credits up to that semester.

Both SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts. While computing the SGPA the subjects in which the student is awarded Zero grade points will also be included.

Grade Point: It is a numerical weight allotted to each letter grade on a 10-point scale. Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by the letters S, A, B, C, D and F.


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(Established by Govt. of A.P., Act. No. 30 of 2008)
ANANTHAPURAMU-515 002 (A.P) INDIA


**Academic Regulations (R19) for
B.Pharm (Regular-Full time)**

(Effective for the students admitted into 1 year from the Academic Year 2019-2020 onwards)

Pharmacy Council of India
New Delhi

**Rules & Syllabus for the Bachelor
of Pharmacy (B. Pharm) Course**

[Framed under Regulation 6, 7 & 8 of the Bachelor of
Pharmacy (B. Pharm) course regulations 2014]


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work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is 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 is dependent upon the quantum of work expected to be put in for each of these activities per week.

7.1 Credit assignment

7.1.1 Theory and Laboratory courses

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

7.2 Minimum credit requirements

The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

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.

8. Academic work

A regular record of attendance both in Theory and Practical shall be maintained by the teaching staff of respective courses.

8.1 Induction Program (zero semester)

Induction program for students to be offered at zero semester to bring the conducive atmosphere among the students community right at the start of the first year for duration of three weeks.

Tables-X: Schemes for internal assessments and end semester examinations semester wise

Semester I

Course code	Name of the course	Continuous Mode		Internal Assessment		End Semester Exams		Total Marks	
		Mode	Marks	Sessional Exams	Duration	Total	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	
BP113CV	Comprehensive Viva-voce ^e – I	-	-	-	-	-	-	-	
	Total	70/75[§]/80[#]	115/125[§]/130[#]	23/24[§]/26[#] Hrs	185/200[§]/210[#]	490/525[§]/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)

^e Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)


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Semester II

Course code	Name of the course	Internal Assessment			End Semester Exams		Total Marks	
		Continuous Mode	Sessional Exams Marks	Sessional Exams Duration	Total	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
BP205T	Computer Applications in Pharmacy – Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences – Theory*	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
BP210P	Computer Applications in Pharmacy – Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP211CV	Comprehensive Viva-Voce [‡] - II	-	-	-	-	-	-	-
	Total	80	125	20 Hrs	205	520	30 Hrs	725

* The subject experts at college level shall conduct examinations

[‡] Non University Examination (NUJE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)


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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	Physical Pharmaceutics I – 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	
BP309CV	Comprehensive Viva-Voce [‡] - III	-	-	-	-	-	-	-	
Total		60	100	20	160	440	28Hrs	600	

[‡] Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)



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Semester IV

Course code	Name of the course	Internal Assessment			End Semester Exams			Total Marks
		Continuous Mode	Sessional Marks	Sessional Exams Duration	Marks	Duration	Total	
BP401T	Pharmaceutical Organic Chemistry III- Theory	10	15	1 Hr	75	3 Hrs	25	100
BP402T	Medicinal Chemistry I – Theory	10	15	1 Hr	75	3 Hrs	25	100
BP403T	Physical Pharmaceutics II – Theory	10	15	1 Hr	75	3 Hrs	25	100
BP404T	Pharmacology I – Theory	10	15	1 Hr	75	3 Hrs	25	100
BP405T	Pharmacognosy I – Theory	10	15	1 Hr	75	3 Hrs	25	100
BP406P	Medicinal Chemistry I – Practical	5	10	4 Hr	35	4 Hrs	15	50
BP407P	Physical Pharmaceutics II – Practical	5	10	4 Hrs	35	4 Hrs	15	50
BP408P	Pharmacology I – Practical	5	10	4 Hrs	35	4 Hrs	15	50
BP409P	Pharmacognosy I – Practical	5	10	4 Hrs	35	4 Hrs	15	50
BP410CV	Comprehensive Viva-voce [‡] - IV	-	-	-	-	-	-	-
	Total	70	115	21 Hrs	515	31 Hrs	185	700

[‡] Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)


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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
BP509CV	Comprehensive Viva-voce [‡] - V	-	-	-	-	-	-	-
	Total	65	105	17 Hr	170	480	27 Hrs	650

[‡] Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)


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Semester VI

Course code	Name of the course	Internal Assessment			End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams Marks	Duration	Marks	Duration	
BP601T	Medicinal Chemistry III – Theory	10	15	1 Hr	75	3 Hrs	100
BP602T	Pharmacology III – Theory	10	15	1 Hr	75	3 Hrs	100
BP603T	Herbal Drug Technology – Theory	10	15	1 Hr	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	10	15	1 Hr	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology– Theory	10	15	1 Hr	75	3 Hrs	100
BP606T	Quality Assurance– Theory	10	15	1 Hr	75	3 Hrs	100
BP607P	Medicinal chemistry III – Practical	5	10	4 Hrs	35	4 Hrs	50
BP608P	Pharmacology III – Practical	5	10	4 Hrs	35	4 Hrs	50
BP609P	Herbal Drug Technology – Practical	5	10	4 Hrs	35	4 Hrs	50
BP610CV	Comprehensive Viva-voce [‡] - VI	-	-	-	-	-	-
Total		75	120	18 Hrs	555	30 Hrs	750

[‡]Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)


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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
BP707MC	Constitution of India [†]	-	-	-	-	-	-	-
BP708CV	Comprehensive Viva-voce [†] - VII	-	-	-	-	-	-	-
	Total	70	70	8Hrs	140	460	21 Hrs	600

* The subject experts at college level shall conduct examinations

[†] Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)


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Semester VIII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Marks	Sessional Duration	Total	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							
BP804ET	Pharmaceutical Regulatory Science – Theory							
BP805ET	Pharmacovigilance – Theory							
BP806ET	Quality Control and Standardization of Herbals – Theory	10 + 10 = 20	15 + 15 = 30	1 + 1 = 2 Hrs	25 + 25 = 50	75 + 75 = 150	3 + 3 = 6 Hrs	100 + 100 = 200
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 – Theory							
BP813PW	Project Work	-	-	-	-	150	4 Hrs	150
BP814MC	Essence of India Traditional Knowledge [†]	-	-	-	-	-	-	
BP815CV	Comprehensive Viva-voce [‡] - VII	-	-	-	-	-	-	
	Total	40	60	4 Hrs	100	450	16 Hrs	550

[†] Non University Examination (NUE) and shall be graded as satisfactory (50% and above) / unsatisfactory (less than 50%)

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Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Table-XI:Scheme for awarding internal assessment: Continuous mode

Theory		
Criteria	Maximum Marks	
Attendance (Refer Table – XII)	4	2
Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)	3	1.5
Student – Teacher interaction	3	1.5
Total	10	5
Practical		
Attendance (Refer Table – XII)	2	
Based on Practical Records, Regular viva voce, etc.	3	
Total	5	

Table- XII: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	0	0

11.2.1 Sessional Exams

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical Sessional examinations is given below. 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)	=	05 x 2 = 10
(Answer all the questions)		
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

12. Promotion and award of grades

A student shall be declared PASS and eligible for getting grade in a course of B.Pharm. program if he/she secures at least 50% marks in that particular course including internal assessment. For example, to be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

13. Carry forward of marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination of that course. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

14. Improvement of internal assessment

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

Clarification for Improvement of internal assessment

Whoever is opting for Improvement of internal assessment he/she must appear for end semester examination. In case of improvement of internal assessment the better marks should be considered. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

15. Re-examination of end semester examinations

Reexamination of end semester examinations shall be conducted as per the schedule given in table XIII. The exact dates of examinations shall be notified from time to time.

Table-XIII: Tentative schedule of end semester examinations

Semester	For Regular Candidates	For Failed Candidates
I, III, V and VII	November / December	May / June
II, IV, VI and VIII	May / June	November / December

Question paper pattern for end semester theory examinations

For 75 marks paper

- I. Multiple Choice Questions(MCQs) = 20 x 1 = 20
OR
Objective Type Questions (10 x 2) = 10 x 2 = 20
(Answer all the questions)
- II. Long Answers (Answer 2 out of 3) = 2 x 10 = 20
- III. Short Answers (Answer 7 out of 9) = 7 x 5 = 35

Total = 75 marks

For 50 marks paper

- I. Long Answers (Answer 2 out of 3) = 2 x 10 = 20
- II. Short Answers (Answer 6 out of 8) = 6 x 5 = 30

Total = 50 marks

For 35 marks paper

- I. Long Answers (Answer 1 out of 2) = 1 x 10 = 10
- II. Short Answers (Answer 5 out of 7) = 5 x 5 = 25

Total = 35 marks

Question paper pattern for end semester practical examinations

- I. Synopsis = 5
- II. Experiments = 25
- III. Viva voce = 5

Total = 35 marks

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.

17. Grading of performances

Letter grades and grade points allocations:

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in Table – XII.

Table – XII: Letter grades and grade points equivalent to Percentage of marks and performances

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

A learner who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

For mandatory courses, “Satisfactory” or “Unsatisfactory” shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA

18. The Semester grade point average (SGPA)

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. 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:

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

19. Cumulative Grade Point Average (CGPA)

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. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

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

where C_1, C_2, C_3, \dots is the total number of credits for semester I, II, III, \dots and S_1, S_2, S_3, \dots is the SGPA of semester I, II, III, \dots .

20. 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

21. Project work

All 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 and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below.

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

Explanation: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

22. Industrial training (Desirable)

Every candidate shall be required to work for at least 150 hours spread over four weeks in a Pharmaceutical Industry/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.

23. 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.

Details for conduct of Practice School

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly

**ACADEMIC REGULATIONS FOR B.PHARM (R19)
(LATERAL ENTRY SCHEME)**

(Effective for the students getting admitted into II year through Lateral Entry Scheme from the Academic Year 2019-2020 and onwards)

1. Award of B.Pharm Degree

A student admitted in Lateral Entry Scheme (LES) will be declared eligible for the award of the B. Pharm degree if the student fulfills the following academic regulations:

- a) Pursues a course of study for not less than three academic years and not more than six academic years.
- b) A student shall register and put up minimum 157/159^S/160[#] credits and the minimum credit points required for award of a B. Pharm. degree is 156.

* 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.

^SApplicable 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.

- c) Students who fail to earn 208 credits as indicated in the course structure within eight academic years from the year of their admission shall forfeit their seat in B.Pharm course and their admission shall stand cancelled

Students, who fail to fulfill the requirement for the award of the degree within six consecutive academic years from the year of admission, shall forfeit their seat.

2. The regulations are to be adopted as that of B. Pharm (Regular).

All other regulations as applicable for B. Pharmacy Four-year degree course (Regular) will hold good for B. Pharm (Lateral Entry Scheme).

**ACADEMIC REGULATIONS COURSE
STRUCTURE AND DETAILED SYLLABI**

PHARM D

AND

PHARM D(*POSTBACCALAUREATE*)

PHARM D. (REGULAR SIX YEAR COURSE)

AND

**PHARM D. (*POST BACCALAUREATE*) (REGULAR THREE
YEAR COURSE)**

**(APPLICABLE FOR THE BATCHES ADMITED
FROM 2017-18)**


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Sixth Year:

Internship or residency training including postings in speciality units. Student should independently provide the clinical pharmacy services to the allotted wards.

- (i) Six months in General Medicine department, and
- (ii) Two months each in three other speciality departments

5. Syllabus. – The syllabus for each subject of study in the said Tables shall be as specified in **Appendix -A** to these regulations.

6. Examination. –

- (1) Every year there shall be an examination to examine the students.
- (2) Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination. **Supplementary examination (advanced) may be conducted within three months after announcement of the regular examination results.**
- (3) The examinations shall be of written and practical (including oral nature) carrying maximum marks for each part of a subject as indicated in Table below:

TABLES

First Year examination:

S.No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/Biology	70	30	100	70	30	100
				600			600 = 1200


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Second Year examination:


S.No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30		-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy &Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Third Year examination:

S.No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100

Fourth Year examination:

S.No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			500 = 1100


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Fifth Year examination:

S.No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoeconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship*	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

*Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks – Thesis work

7. Attendance requirements:

A student shall be eligible to appear for University examinations if he acquires a minimum of 80% of attendance in aggregate of all the subjects in a year.

7.1 Condonation of shortage of attendance in aggregate from 70% and above and below 80% in each year may be granted by the College Academic Committee, on medical grounds/valid reasons.

7.2 Shortage of Attendance below 70% in aggregate shall in NO case be condoned.

7.3 Students whose shortage of attendance is not condoned in any year are not eligible to take their end examination of that class and their registration shall stand cancelled.

7.4 A student will not be promoted to the next year unless he/she satisfies the attendance requirements of the present year, as applicable. They may seek readmission for that year when offered next.

7.5 A stipulated fee shall be payable towards condonation of shortage of attendance to the University.


8. Mode of examinations

(1) Theory examination shall be of three hours and practical examination shall be of four hours duration.

(2) A Student who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.

(3) Practical examination shall also consist of a viva –voce (Oral) examination.

(4) Clerkship examination – Oral examination shall be conducted after the completion of clerkship of students. An external and an internal examiner will evaluate the student. Students may be asked to present the allotted medical cases followed by


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discussion. Students' capabilities in delivering clinical pharmacy services, pharmaceutical care planning and knowledge of therapeutics shall be assessed.

9. Award of sessional marks and maintenance of records.—

(1) A regular record of both theory and practical class work and examinations conducted in an institution imparting training for Pharm.D. or as the case may be, Pharm.D. (Post Baccalaureate) course, shall be maintained for each student in the institution and 30 marks for each theory and 30 marks for each practical subject shall be allotted as sessional.

(2) There shall be at least three periodic sessional examinations during each academic year and the highest aggregate of any two performances shall form the basis of calculating sessional marks.

(3) The sessional marks in practicals shall be allotted on the following basis:-

(i) Actual performance in the sessional examination (20 marks);

(ii) Day to day assessment in the practical class work, promptness, viva-voce record maintenance, etc. (10 marks).

10. Minimum marks for passing examination:

A student shall not be declared to have passed examination unless he or she secures at least 50% marks in each of the subjects separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations including sessional marks. The students securing 60% marks or above in aggregate in all subjects at the Pharm. D or as the case may be, Pharm. D (Post Baccalaureate) course examination shall be declared to have passed in first class. Students securing 75% marks or above in aggregate in all subjects shall be declared to have passed with distinction provided the student completes the course in 6 years for Pharm. D and 3 Years for Pharm. D (Post baccalaureate). Pass class shall be awarded to such of the candidates who would have passed the examination in subsequent number of attempts after completion of 6/3 years of the course.

11. Eligibility for promotion to next year.-


All students who have appeared for all the subjects and passed the first year annual examination are eligible for promotion to the second year and, so on. However, failure in more than three subjects (excluding Remedial Mathematics/ Biology) including supplementary examinations shall debar him or her from promotion to the next year classes.

Note: At any time of the course study a student should not have failed in more than 3 subjects (excluding Remedial Mathematics/ Biology) to be eligible for promotion to next higher class.

12. Internship.—

(1) Internship is a phase of training wherein a student is expected to conduct actual practice of pharmacy and health care and acquires skills under the supervision so that he or she may become capable of functioning independently.

(2) Every student has to undergo one year internship as per PCI norms for Pharm D (Appendix B).


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13. Certificate of passing examination.— Every student who has passed the examinations for the Pharm.D. (Doctor of Pharmacy) or Pharm.D. (Post Baccalaureate) (Doctor of Pharmacy) as the case may be, shall be granted a certificate by the examining authority.

14. Hospital posting.— Every student shall be posted in constituent hospital for a period of not less than fifty hours to be covered in not less than 200 working days in each of second, third & fourth year course. Each student shall submit report duly certified by the preceptor and duly attested by the Head of the Department or Institution as prescribed. In the fifth year, every student shall spend half a day in the morning hours attending ward rounds on daily basis as a part of clerkship. Theory teaching may be scheduled in the afternoon.

15. Project work.—

(1) To allow the student to develop data collection and reporting skills in the area of community, hospital and clinical pharmacy, a project work shall be carried out under the supervision of a teacher. The project topic must be approved by the Head of the Department or Head of the Institution. The same shall be announced to students within one month of commencement of the fifth year classes. Project work shall be presented in a written report and as a seminar at the end of the year. External and the internal examiners shall do the assessment of the project work.


(2) Project work shall comprise of objectives of the work, methodology, results, discussions and conclusions.

16. Objectives of project work.— The main objectives of the project work is to—

- (i) Show the evidence of having made accurate description of published work of others and of having recorded the findings in an impartial manner; and
- (ii) Develop the students in data collection, analysis and reporting and interpretation skills.

17. Methodology.— To complete the project work following methodology shall be adopted, namely:—

- (i) Students shall work in groups of not less than two and not more than four under an authorised teacher;


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- (ii) Project topic shall be approved by the Head of the Department or Head of the Institution;
- (iii) Project work chosen shall be related to the pharmacy practice in community, hospital and clinical setup. It shall be patient and treatment (Medicine) oriented, like drug utilisation reviews, pharmacoepidemiology, pharmacovigilance or pharmacoconomics;
- (iv) Project work shall be approved by the institutional ethics committee;
- (v) student shall present at least three seminars, one in the beginning, one at middle and one at the end of the project work; and
- (vi) two-page write-up of the project indicating title, objectives, methodology anticipated benefits and references shall be submitted to the Head of the Department or Head of the Institution.

18. Reporting.—

- (1) Student working on the project shall submit jointly to the Head of the Department or Head of the Institution a project report of about 40-50 pages. Project report should include a certificate issued by the authorised teacher, Head of the Department as well as by the Head of the Institution
- (2) Project report shall be computer typed in double space using Times Roman font on A4 paper. The title shall be in bold with font size 18, sub-titles in bold with font size 14 and the text with font size 12. The cover page of the project report shall contain details about the name of the student and the name of the authorised teacher with font size 14.
- (3) Submission of the project report shall be done at least one month prior to the commencement of annual or supplementary examination.

19. Evaluation.— The following methodology shall be adopted for evaluating the project work—

- (i) Project work shall be evaluated by internal and external examiners.
- (ii) Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of four students).



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(iii) Three seminars presented by students shall be evaluated for twenty marks each and the average of best two shall be forwarded to the university with marks of other subjects.

(iv) Evaluation shall be done on the following items:	Marks
a) Write up of the seminar	(7.5)
b) Presentation of work	(7.5)
c) Communication skills	(7.5)
d) Question and answer skills	(7.5)
Total	(30 marks)

(v) Final evaluation of project work shall be done on the following items:	Marks
a) Write up of the seminar	(17.5)
b) Presentation of work	(17.5)
c) Communication skills	(17.5)
d) Question and answer skills	(17.5)
Total	(70 marks)

Explanation.— For the purposes of differentiation in the evaluation in case of topic being the same for the group of students, the same shall be done based on item numbers b, c and d mentioned above.


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**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTAPUR**

Pharm.D-IV

APPENDIX A


INTERNSHIP

1. SPECIFIC OBJECTIVES :

- i) to provide patient care in cooperation with patients, prescribers, and other members of an interprofessional health care team based upon sound therapeutic principles and evidence-based data, taking into account relevant legal, ethical, social cultural, economic, and professional issues, emerging technologies, and evolving biomedical, pharmaceutical, social or behavioral or administrative, and clinical sciences that may impact therapeutic outcomes.
- ii) to manage and use resources of the health care system, in cooperation with patients, prescribers, other health care providers, and administrative and supportive personnel, to promote health; to provide, assess, and coordinate safe, accurate, and time-sensitive medication distribution; and to improve therapeutic outcomes of medication use.
- iii) to promote health improvement, wellness, and disease prevention in cooperation with patients, communities, at-risk population, and other members of an interprofessional team of health care providers.
- iv) to demonstrate skills in monitoring of the National Health Programmes and schemes, oriented to provide preventive and promotive health care services to the community.
- v) to develop leadership qualities to function effectively as a member of the health care team organised to deliver the health and family welfare services in existing socio-economic, political and cultural environment.
- vi) to communicate effectively with patients and the community.

2. OTHER DETAILS :

- i) All parts of the internship shall be done, as far as possible, in institutions in India. In case of any difficulties, the matter may be referred to the Pharmacy Council of India to be considered on merits.
- ii) Where an intern is posted to district hospital for training, there shall be a committee consisting of representatives of the college or university, and the district hospital administration, who shall regulate the training of such trainee. For such trainee a certificate of satisfactory completion of training shall be obtained from the relevant administrative authorities which shall be countersigned by the Principal or Dean of College.
- iii) Every candidate shall be required, after passing the final Pharm.D. or Pharm.D. (Post Baccalaureate) examination as the case may be to undergo


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compulsory rotational internship to the satisfaction of the College authorities and University concerned for a period of twelve months so as to be eligible for the award of the degree of Pharm.D. or Pharm.D. (Post Baccalaureate) as the case may be.

3. ASSESSMENT OF INTERNSHIP :

- i) The intern shall maintain a record of work which is to be verified and certified by the preceptor (teacher/practitioner) under whom he works. Apart from scrutiny of the record of work, assessment and evaluation of training shall be undertaken by an objective approach using situation tests in knowledge, skills and attitude during and at the end of the training. Based on the record of work and date of evaluation, the Dean or Principal shall issue certificate of satisfactory completion of training, following which the university shall award the degree or declare him eligible for it.
- ii) Satisfactory completion of internship shall be determined on the basis of the following:-
- (1) Proficiency of knowledge required for each case management SCORE 0-5
 - (2) The competency in skills expected for providing Clinical Pharmacy Services SCORE 0-5
 - (3) Responsibility, punctuality, work up of case, involvement in patient care SCORE 0-5
 - (4) Ability to work in a team (Behavior with other healthcare professionals including medical doctors, nursing staff and colleagues). SCORE 0-5
 - (5) Initiative, participation in discussions, research aptitude. SCORE 0-5

Poor	Fair	Below Average	Average	Above Average	Excellent
0	1	2	3	4	5

A Score of less than 3 in any of above items will represent unsatisfactory completion of internship.


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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

Academic Regulations of M.Pharmacy (Full Time) Programme

(Effective for the students admitted into I year from the Academic Year 2021-22 and onwards)

Jawaharlal Nehru Technological University Anantapur (JNTUA) offers **Two Years (Four Semesters)** full-time Master of Pharmacy (M.Pharm.) Post Graduate Degree programme, under Choice Based Credit System (CBCS) with different specializations at its constituent unit, OTPRI and non-autonomous affiliated colleges.

The Jawaharlal Nehru Technological University Anantapur shall confer M.Pharm. degree on candidates who are admitted to the programme and fulfill all the requirements for the award of the degree.

1. Award of the M.Pharm. Degree

A student will be declared eligible for the award of the M.Pharm. degree if he/she fulfils the following:

- 1.1 Pursues a course of study for not less than two academic years and not more than four academic years.
- 1.2 Registers for 95 credits and secures all 95 credits.

2. Students, who fail to fulfil all the academic requirements for the award of the degree within four academic years from the year of their admission, shall forfeit their seat in M.Pharm. course and their admission stands cancelled.

3. Programme of Study:

The following M.Pharm. specializations are offered at its constituent (non-autonomous) unit, OTPRI & affiliated (non-autonomous) colleges:

S.No.	Discipline	Name of the Specialization	Code
1	Master of Pharmacy	Pharmacology	
2		Pharmaceutical Chemistry	
3		Pharmaceutics	
4		Pharmaceutical Analysis and Quality Assurance	
5		Pharmacognosy	
6		Industrial Pharmacy	
7		Pharmaceutical Technology	
8		Pharmaceutical Analysis	
9		Pharmacy Practice	
10		Pharmaceutics-Drug Regulatory Affairs	
11		Pharmaceutical Quality Assurance	

and any other specializations as approved by AICTE/PCI/University from time to time.


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- 7.7 If any candidate fulfils the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.
- 7.8 If the learning is carried out in blended mode (both offline & online), then the total attendance of the student shall be calculated considering the offline and online attendance of the student.

8. Evaluation – Distribution and Weightage of Marks:

The performance of a student in each semester shall be evaluated subject - wise (irrespective of credits assigned), for a maximum of 100 marks for theory and 100 marks for practical, based on Internal Evaluation and End Semester Examination.

- 8.1 There shall be five units in each of the theory subjects. For the theory subjects 60 marks will be for the End Examination and 40 marks will be for Internal Evaluation.
- 8.2 Two Internal Examinations shall be conducted for 30 marks each, one in the middle of the Semester and the other immediately after the completion of instruction. First mid examination shall be conducted for I & II units of the syllabus and second mid examination for III, IV & V units. Each mid exam shall be conducted for a total duration of 120 minutes with 3 questions (without choice) each question for 10 marks. Final Internal marks for a total of 30 marks shall be arrived at by considering the marks secured by the student in both the internal examinations with 80% weightage to the better internal exam and 20% to the other. There shall be an online examination (TWO) conducted during the respective mid examinations by the college for the remaining 10 marks with 20 objective questions.
- 8.3 The following pattern shall be followed in the End Examination:
- Five questions shall be set from each of the five units with either/or type for 12 marks each.
 - All the questions have to be answered compulsorily.
 - Each question may consist of one, two or more bits.
- 8.4 For practical subjects, 60 marks shall be for the End Semester Examinations and 40 marks will be for internal evaluation based on the day-to-day performance.
- The internal evaluation based on the day-to-day work-10 marks, record- 10 marks and the remaining 20 marks to be awarded by conducting an internal laboratory test. The end examination shall be conducted by the examiners, with a breakup mark of Procedure-10, Experimentation-25, Results-10, Viva-voce-15.
- 8.5 There shall be a **Seminar/Assignment** for internal evaluation of 100 marks. A student under the supervision of a faculty member, shall collect the literature on a topic and critically review the literature and submit it to the department in a report form and shall make an oral presentation before the Project Review Committee consisting of Head of the Department, supervisor/mentor and two



- other faculty members of the department. The student has to secure a minimum of 50% of marks, to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same as and when supplementary examinations are conducted. The seminar shall be conducted anytime during the semester as per the convenience of the Project Review Committee and students. There shall be no external examination for Technical Seminar.
- 8.6 For Teaching Practice/Assignments there will be an internal evaluation of 100 marks. A candidate has to secure a minimum of 50% to be declared successful. Student has to teach 10 Hours in his/her interesting subject/subjects in the entire III Semester instruction period for his juniors at PG level or Undergraduate students who are available on the campus. For each teaching hour maximum of 10 marks are allotted. The assessment will be made by the faculty allotted by the HoD.
- 8.7 There shall be Mandatory **Audit courses** for zero credits. There is no external examination for audit courses. However, attendance shall be considered while calculating aggregate attendance and student shall be declared to have passed the mandatory course only when he/she secures 50% or more in the internal examinations. In case, the student fails, a re-examination shall be conducted for failed candidates for 40 marks every six months/semester satisfying the conditions mentioned in item 1 & 2 of the regulations.
- 8.8 There shall be **Comprehensive Viva-Voce** in III semester. This will test the student's learning and understanding during the course of their specialization. The Comprehensive viva-voce will be conducted by the committee consisting of Head of the Department and two faculty members related to the specialization. The Comprehensive Viva-Voce shall be evaluated for 100 marks by the committee. There are no internal marks for the Comprehensive Viva-Voce. A student shall acquire 2 credits assigned to the Comprehensive Viva-voce when he/she secures 50% or more marks for the total of 100 marks. In case, if a student fails in Comprehensive Viva-voce he/she shall reappear as and when III semester supplementary examinations are conducted.
- 8.9 A candidate shall be deemed to have secured the minimum academic requirement in a subject if he secures a minimum of 40% of marks in the End Examination and a minimum aggregate of 50% of the total marks in the End Semester Examination and Internal Evaluation taken together.
- 8.10 In case the candidate does not secure the minimum academic requirement in any of the subjects he/she has to reappear for the Semester Examination either supplementary or regular in that subject or repeat the course when next offered or do any other specified subject as may be required.
- 8.11 The laboratory records and mid semester test papers shall be preserved for a minimum of 3 years in the respective institutions as per the University norms and shall be produced to the Committees of the University as and when the same are asked for.



9. **Credit Transfer Policy**

As per University Grants Commission (Credit Framework for Online Learning Courses through SWAYAM) Regulation, 2016, the University shall allow up to a maximum of 40% of the total courses being offered in a particular Programme in a semester through the Online Learning courses through SWAYAM.

- 9.1 The University shall offer credit mobility for MOOCs and give the equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform.
 - 9.2 The online learning courses available on the SWAYAM platform will be considered for credit transfer. SWAYAM course credits are as specified in the platform
 - 9.3 Student registration for the MOOCs shall be only through the institution, it is mandatory for the student to share necessary information with the institution
 - 9.4 The institution shall select the courses to be permitted for credit transfer through SWAYAM. However, while selecting courses in the online platform institution would essentially avoid the courses offered through the curriculum in the offline mode.
 - 9.5 The institution shall notify at the beginning of semester the list of the online learning courses eligible for credit transfer in the forthcoming Semester.
 - 9.6 The institution shall also ensure that the student has to complete the course and produce the course completion certificate as per the academic schedule given for the regular courses in that semester
 - 9.7 The institution shall designate a faculty member as a Mentor for each course to guide the students from registration till completion of the credit course.
 - 9.8 The university shall ensure no overlap of SWAYAM MOOC exams with that of the university examination schedule. In case of delay in SWAYAM results, the university will re-issue the marks sheet for such students.
 - 9.9 Student pursuing courses under MOOCs shall acquire the required credits only after successful completion of the course and submitting a certificate issued by the competent authority along with the percentage of marks and grades.
 - 9.10 The institution shall submit the following to the examination section of the university:
 - a) List of students who have passed MOOC courses in the current semester along with the certificates of completion.
 - b) Undertaking form filled by the students for credit transfer.
 - 9.11 The university shall resolve any issues that may arise in the implementation of this policy from time to time and shall review its credit transfer policy in the light of periodic changes brought by UGC, SWAYAM, NPTEL and state govt.
- Note:** Students shall also be permitted to register for MOOCs offered through online platforms other than SWAYAM NPTEL. In such cases, credit transfer shall be permitted only after seeking approval of the University at least three months prior to the commencement of the semester.



10. Re-registration for Improvement of Internal Evaluation Marks:

A candidate shall be given one chance to re-register for each subject provided the internal marks secured by a candidate are less than 50% and has failed in the end examination

- 10.1 The candidate should have completed the course work and obtained examinations results for **I, II and III** semesters.
- 10.2 The candidate should have passed all the subjects for which the Internal Evaluation marks secured are more than 50%.
- 10.3 Out of the subjects the candidate has failed in the examination due to Internal Evaluation marks secured being less than 50%, the candidate shall be given one chance for each Theory subject and for a maximum of **three** Theory subjects for Improvement of Internal evaluation marks.
- 10.4 The candidate has to re-register for the chosen subjects and fulfill the academic requirements.
- 10.5 For reregistration the candidates have to apply to the University through the college by paying the requisite fees and get approval from the University before the start of the semester in which re-registration is required
- 10.6 In the event of availing the Improvement of Internal evaluation marks, the internal evaluation marks as well as the End Examinations marks secured in the previous attempt(s) for the reregistered subjects stand cancelled.

11. Evaluation of Project/Research Work:

The Project work shall be initiated at the beginning of the III Semester and the duration of the Project is of two semesters. Evaluation of Project work is for 300 marks with 200 marks for internal evaluation and 100 marks for external evaluation. Internal evaluation of the Project Work – I & Project work – II in III & IV semesters respectively shall be for 100 marks each. External evaluation of final Project work viva voce in IV semester shall be for 100 marks.

A Project Review Committee (PRC) shall be constituted with the Head of the Department as Chairperson, Project Supervisor and one faculty member of the department offering the M.Pharm. programme.

- 11.1 A candidate is permitted to register for the Project Work in III Semester after satisfying the attendance requirement in all the subjects, both theory and laboratory (in I & II semesters).
- 11.2 A candidate is permitted to submit Project dissertation with the approval of PRC. The candidate has to pass all the theory, practical and other courses before submission of the Thesis.
- 11.4 Project work shall be carried out under the supervision of teacher in the parent department concerned.
- 11.5 A candidate shall be permitted to work on the project in an industry/research organization on the recommendation of the Head of the Department. In such cases, one of the teachers from the department concerned would be the internal



- guide and an expert from the industry/ research organization concerned shall act as co-supervisor/ external guide. It is mandatory for the candidate to make full disclosure of all data/results on which they wish to base their dissertation. They cannot claim confidentiality simply because it would come into conflict with the Industry's or R&D laboratory's own interests. A certificate from the external supervisor is to be included in the dissertation.
- 11.6 Continuous assessment of Project Work - I and Project Work – II in III & IV semesters respectively will be monitored by the PRC.
 - 11.7 The candidate shall submit status report by giving seminars in three different phases (two in III semester and one in IV semester) during the project work period. These seminar reports must be approved by the PRC before submission of the Project Thesis.
 - 11.8 After registration, a candidate must present in Project Work Review - I, in consultation with his Project Supervisor, the title, objective and plan of action of his Project work to the PRC for approval within four weeks from the commencement of III Semester. Only after obtaining the approval of the PRC can the student initiate the project work.
 - 11.9 The Project Work Review - II in III semester carries internal marks of 100. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate the work for the other 50 marks. The Supervisor and PRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey in the same domain and progress of the Project Work.
 - 11.10 A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review - II. Only after successful completion of Project Work Review – II, candidate shall be permitted for Project Work Review – III in IV Semester. The unsuccessful students in Project Work Review - II shall reappear for it as and when supplementary examinations are conducted.
 - 11.11 The Project Work Review - III in IV semester carries 100 internal marks. Evaluation should be done by the PRC for 50 marks and the Supervisor will evaluate it for the other 50 marks. The PRC will examine the overall progress of the Project Work and decide whether or not eligible for final submission. A candidate has to secure a minimum of 50% of marks to be declared successful in Project Work Review - III. If he fails to obtain the required minimum marks, he has to reappear for Project Work Review - III after a month.
 - 11.12 For the approval of PRC the candidate shall submit the draft copy of dissertation to the Head of the Department and make an oral presentation before the PRC.
 - 11.13 After approval from the PRC, the students are required to submit a report showing that the plagiarism is within 30%. The dissertation report will be accepted only when the plagiarism is within 30%, which shall be submitted along with the dissertation report.



- 11.14 Research paper related to the Project Work shall be published in conference proceedings/UGC recognized journal. A copy of the published research paper shall be attached to the dissertation.
- 11.15 After successful plagiarism check and publication of research paper, three copies of the dissertation certified by the supervisor and HOD shall be submitted to the College.
- 11.16 The dissertation shall be adjudicated by an external examiner selected by the University. For this, the Principal of the College shall submit a panel of three examiners as submitted by the supervisor concerned and department head for each student. However, the dissertation will be adjudicated by one examiner nominated by the University.
- 11.17 If the report of the examiner is not satisfactory, the candidate shall revise and resubmit the dissertation, in the time frame as decided by the PRC. If report of the examiner is unfavorable again, the thesis shall be summarily rejected. The candidate has to reregister for the project and complete the project within the stipulated time after taking the approval from the University
- 11.18 If the report of the examiner is satisfactory, the Head of the Department shall coordinate and make arrangements for the conduct of Project Viva voce exam.
- 11.19 The Project Viva voce examinations shall be conducted by a board consisting of the Supervisor, Head of the Department and the external examiner who has adjudicated the dissertation. For Dissertation Evaluation (Viva voce) in IV Sem. there are external marks of 100 and it is evaluated by external examiner. The candidate has to secure a minimum of 50% marks in Viva voce exam.
- 11.20 If he fails to fulfill the requirements as specified, he will reappear for the Project Viva voce examination only after three months. In the reappeared examination also, if he fails to fulfill the requirements, he will not be eligible for the award of the degree.

12. Credits for Co-curricular Activities

The credits assigned for co-curricular activities shall be given by the principals of the colleges and the same shall be submitted to the University.

A Student shall earn 02 credits under the head of co-curricular activities, viz., attending Conference, Scientific Presentations and Other Scholarly Activities.

Following are the guidelines for awarding Credits for Co-curricular Activities

Name of the Activity	Maximum Credits / Activity
Participation in National Level Seminar/ Conference / Workshop / Training programs (related to the specialization of the student)	1
Participation in International Level Seminar / Conference / workshop/Training programs held outside India (related to the specialization of the student)	2
Academic Award/Research Award from State Level/National	1



Agencies	
Academic Award/Research Award from International Agencies	2
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	1
Research / Review Publication in International Journals with Editorial board outside India (Indexed in Scopus / Web of Science)	2

Note:

- i) Credit shall be awarded only for the first author. Certificate of attendance and participation in a Conference/Seminar is to be submitted for awarding credit.
- ii) Certificate of attendance and participation in workshops and training programs (Internal or External) is to be submitted for awarding credit. The total duration should be at least one week.
- iii) Participation in any activity shall be permitted only once for acquiring required credits under cocurricular activities

13. Grading:

As a measure of the student's performance, a 10-point Absolute Grading System using the following Letter Grades and corresponding percentage of marks shall be followed:

After each course is evaluated for 100 marks, the marks obtained in each course will be converted to a corresponding letter grade as given below, depending on the range in which the marks obtained by the student fall.

Structure of Grading of Academic Performance

Range in which the marks in the subject fall	Grade	Grade points Assigned
≥ 90	S (Superior)	10
$\geq 80 < 90$	A (Excellent)	9
$\geq 70 < 80$	B (Very Good)	8
$\geq 60 < 70$	C (Good)	7
$\geq 50 < 60$	D (Pass)	6
< 50	F (Fail)	0
Absent	Ab (Absent)	0

- i) A student obtaining Grade 'F' or Grade 'Ab' in a subject shall be considered failed and will be required to reappear for that subject when it is offered the next supplementary examination.
- ii) For noncredit audit courses, "Satisfactory" or "Unsatisfactory" shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA/Percentage.

Computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):


The Semester Grade Point Average (SGPA) is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by



RULES FOR

DISCIPLINARY ACTION FOR MALPRACTICES / IMPROPER CONDUCT IN EXAMINATIONS

	Nature of Malpractices/Improper conduct	Punishment
	<i>If the candidate:</i>	
1.(a)	Possesses or keeps accessible in examination hall, any paper, note book, programmable calculators, Cell phones, pager, palm computers or any other form of material concerned with or related to the subject of the examination (theory or practical) in which he is appearing but has not made use of (material shall include any marks on the body of the candidate which can be used as an aid in the subject of the examination)	Expulsion from the examination hall and cancellation of the performance in that subject only.
(b)	Gives assistance or guidance or receives it from any other candidate orally or by any other body language methods or communicates through cell phones with any candidate or persons in or outside the exam hall in respect of any matter.	Expulsion from the examination hall and cancellation of the performance in that subject only of all the candidates involved. In case of an outsider, he will be handed over to the police and a case is registered against him.
2.	Has copied in the examination hall from any paper, book, programmable calculators, palm computers or any other form of material relevant to the subject of the examination (theory or practical) in which the candidate is appearing.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. The Hall Ticket of the candidate is to be cancelled and sent to the University.
3.	Impersonates any other candidate in connection with the examination.	The candidate who has impersonated shall be expelled from examination hall. The candidate is also debarred for four consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. The performance of the original candidate who has been impersonated, shall be cancelled in all the subjects of the examination (including practicals and project work) already appeared and shall not be allowed to appear for examinations of the remaining subjects of that semester/year. The candidate is also debarred for four consecutive semesters from class work and all University examinations if his involvement is established. Otherwise, the candidate is debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.


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M.Pharm. R21 Regulations



4.	Smuggles in the Answer book or additional sheet or takes out or arranges to send out the question paper during the examination or answer book or additional sheet, during or after the examination.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
5.	Uses objectionable, abusive or offensive language in the answer paper or in letters to the examiners or writes to the examiner requesting him to award pass marks.	Cancellation of the performance in that subject only.
6.	Refuses to obey the orders of the Chief Superintendent /Assistant - Superintendent /any officer on duty or misbehaves or creates disturbance of any kind in and around the examination hall or organizes a walk out or instigates others to walk out, or threatens the officer-in charge or any person on duty in or outside the examination hall of any injury to his person or to any of his relations whether by words, either spoken or written or by signs or by visible representation, assaults the officer-in-charge, or any person on duty in or outside the examination hall or any of his relations, or indulges in any other act of misconduct or mischief which result in damage to or destruction of property in the examination hall or any part of the College campus or engages in any other act which in the opinion of the officer on duty amounts to use of unfair means or misconduct or has the tendency to disrupt the orderly conduct of the examination.	In case of students of the college, they shall be expelled from examination halls and cancellation of their performance in that subject and all other subjects the candidate(s) has (have) already appeared and shall not be permitted to appear for the remaining examinations of the subjects of that semester/year. If the candidate physically assaults the invigilator/ officer-in-charge of the Examinations, then the candidate is also debarred and forfeits his/her seat. In case of outsiders, they will be handed over to the police and a police case is registered against them.
7.	Leaves the exam hall taking away answer script or intentionally tears of the script or any part thereof inside or outside the examination hall.	Expulsion from the examination hall and cancellation of performance in that subject and all the other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all University examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
8.	Possess any lethal weapon or firearm in the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.
9.	If student of the college, who is not a candidate for the particular examination or any person not connected with the college indulges in any malpractice or improper conduct mentioned in clause 6 to 8.	Student of the colleges expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining




M.Pharm. R21 Regulations

		examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person (s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
10.	Comes in a drunken condition to the examination hall.	Expulsion from the examination hall and cancellation of the performance in that subject and all other subjects the candidate has already appeared including practical examinations and project work and shall not be permitted for the remaining examinations of the subjects of that semester/year.
11.	Copying detected on the basis of internal evidence, such as, during valuation or during special scrutiny.	Cancellation of the performance in that subject only or in that subject and all other subjects the candidate has appeared including practical examinations and project work of that semester / year examinations, depending on the recommendation of the committee.
12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the University for further action to award suitable punishment.	

1. Malpractices identified by squad or special invigilators
2. Punishments to the candidates as per the above guidelines.
3. Punishment for institutions: (if the squad reports that the college is also involved in encouraging malpractices)
4. A show cause notice shall be issued to the college.
5. Impose a suitable fine on the college.
6. Shifting the examination center from the college to another college for a specific period of not less than one year.

Note:

Whenever the performance of a student is cancelled in any subject/subjects due to Malpractice, he has to register for End Examinations in that subject/subjects consequently and has to fulfil all the norms required for the award of Degree.


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2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute

NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Email: principal.hc@jntua.ac.in., Mobile: 9866308468

Ref: SRCP/EB/B.Pharm/ MID Exam /Jan-24/11

Date: 27.01.2024

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

Principal

CIRCULAR

MID EXAM SCHEDULES:: B.Pharm I Year I Sem (R23) AY: 2023-24

This is to inform that, the I MID Exams schedules of B.Pharm I Year I Sem (R23) are as follows for the Academic year: 2023-24:

Timing:- 02.00 PM To 04.00 PM

S. No	Date & Day	Name of the Subject
1	03.02.2024 Saturday	Human Anatomy and Physiology - I (BP101T) <i>MPG/VS</i>
2	05.02.2024 Monday	Pharmaceutical Analysis (BP102T) <i>RNR/NMG</i>
3	06.02.2024 Tuesday	Pharmaceutics – I (BP103T) <i>AVB</i>
4	07.02.2024 Wednesday	Pharmaceutical Inorganic Chemistry (BP104T) <i>KM/MM</i>
5	08.02.2024 Thursday	Communication Skills (BP105T) <i>BA</i>
6	09.02.2024 Friday	R Biology / R Mathematics (BP106RBT/ BP106RMT) <i>MRJ/AS</i>

1. All the staff is submit their **Question Bank** on or before **01.02.2024**
2. All the staff is submit their **Answer scripts** on or before **13.02.2024**.
3. I MID Internal lab exams schedule as per regular class timetable after completion of theory exams.

Staff	Sign	Staff	Sign
AVB		MM	
NMG		MPG	
RNR		AS	
KM		MRJ	
VS		BA	

Prepared by

Verified by

CC To: 1. Notice Board
2. Circular file.

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Email: principal.hc@jntua.ac.in., Mobile: 9866308468

Ref: SRCP/EB/B.Pharm/ MID Exam /March-24/25

Date: 14.03.2024

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

Principal

CIRCULAR

MID EXAM SCHEDULES:: B.Pharm I Year I Sem (R23) AY: 2023-24

This is to inform that, the II MID Exams schedules of B.Pharm I Year I Sem (R23) are as follows for the Academic year: 2023-24:

S. No	Date & Day	Session	Name of the Subject
1	26.03.2024 Tuesday	AN (02.00 PM to 03.50PM)	Human Anatomy and Physiology - I (BP101T)
			MPG/VS
2	27.03.2024 Wednesday	AN (02.00 PM to 03.50PM)	Pharmaceutical Analysis (BP102T)
			RNR/NMG
3	28.03.2024 Thursday	AN (02.00 PM to 03.50PM)	Pharmaceutics – I (BP103T)
			AVB
4	30.03.2024 Saturday	AN (02.00 PM to 03.50PM)	Pharmaceutical Inorganic Chemistry (BP104T)
			KM/MM
5	01.04.2024 Monday	FN (10.00 AM to 11.50AM)	Communication Skills (BP105T)
			BA
6	02.04.2024 Tuesday	FN (10.00 AM to 11.50AM)	R Biology / R Mathematics (BP106RBT/ BP106RMT)
			MRJ/AS

Note: 1. All the staff submit their **Question Bank** on or before 21.03.2024

2. All the staff submit their **Answer scripts** on or before 02.04.2024. (Internal Marks upload Dt: 02.04.2024)

3. II MID Internal lab exams schedule from 18.03.2024 to 23.03.2024 as per regular class timetable.

Staff	Sign	Staff	Sign
AVB		MM	
NMG		MPG	
RNR		AS	
KM		MRJ	
VS		BA	

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2. Circular file.

14/03/24
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SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute

NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Email: principal.hc@jntua.ac.in., Mobile: 9866308468

Ref: SRCP/EB/B. Pharmacy/ External Lab /March-2024/26

Date: 14.03.2024

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

Principal

CIRCULAR

EXTERNAL LAB EXAM SCHEDULES:: I-I B. PHARM AY: 2023-24

This is to inform that, the External lab exams schedules of B. Pharmacy I Year I Sem (R19&R23)

Regular & Supple are as follows for the Academic year: 2023-24:

Section	Batch	01.04.2024	02.04.2024	03.04.2024		04.04.2024	
		AN	AN	FN	AN	FN	AN
				(09.00AM 12.00PM)	(01.30PM 04.30PM)	(09.00AM12.00PM)	(01.30PM04.30PM)
Sec-A	Batch-A	CS (01.30PM to 03.00PM)	-	HAP - I Lab No: 205	Ph. Analysis Lab No: 207	Ph. ceutics – I Lab No: 108	PIOC Lab No: 210
	Batch-B	CS (03.00PM to 04.30PM)		Ph. Analysis Lab No: 207	HAP - I Lab No: 205	PIOC Lab No: 210	Ph. ceutics – I Lab No: 108
Sec-B	Batch-A	R. Biology (01.30 PM 04.30PM)	CS (01.30PM to 03.00PM)	Ph. ceutics – I Lab No: 108	PIOC Lab No: 210	HAP - I Lab No: 205	Ph. Analysis Lab No: 207
	Batch-B		CS (03.00PM to 04.30PM)	PIOC Lab No: 210	Ph. ceutics – I Lab No: 108	Ph. Analysis Lab No: 207	HAP - I Lab No: 205

- Note: 1. The staffs are required to arrange their labs as per the requirement
2. All the staff submit their Answer scripts on or before 06.04.2024.

S. No	Name of the Lab	Sec	Internal Examiner	Sign	External Examiner	Sign
1	Human Anatomy and Physiology - I	A	Ms. M. Praisly Gladys		Mr. R. Niranjana Kumar	
		B	Mrs. V. Saroja			
2	Pharmaceutical Analysis	A	Mr. R. Nageswara Rao		Dr. L. Siva Sankar Reddy	
		B	Mr. N. Madana Gopal			
3	Pharmaceutics - I	A	Ms. P. Lahari		Dr. A. V. Badarathi	
		B				
4	Ph. Inorganic Chemistry	A	Mrs. K. Maheswari		Dr. S. Muneer	
		B	Mrs. M. Manorama			

Prepared by

Verified by

PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

- CC To: 1. Notice Board
2. Circular file.



SANTHIRAM COLLEGE OF PHARMACY(HC)
INVIGILATION CHART FOR
Pharm D IV Year & B. Pharm I Year I Sem
MID Examinations -MARCH/APRIL - 2024

Dt: 16.03.2024

S.No	Date	Session	Name of the Invigilator	Signature
1	18.03.2024 Monday	AN (02.00PM to 04.00 PM)	Ms. M. Swapna	
2	19.03.2024 Tuesday	AN (02.00PM to 04.00 PM)	Mr. B. Pradeep	
3	20.03.2024 Wednesday	AN (02.00PM to 04.00 PM)	Mr. A. Sai Keshava Reddy	
4	21.03.2024 Thursday	AN (02.00PM to 04.00 PM)	Mr. B. Pradeep	
5	22.03.2024 Friday	AN (02.00PM to 04.00 PM)	Mr. C. Bhargava Reddy	
6	23.03.2024 Saturday	AN (02.00PM to 04.00 PM)	Mr. A. Sai Keshava Reddy	
8	26.03.2024 Tuesday	AN (02.00 PM to 03.50PM)	Ms. M. Praisyl Gladys	
9			Ms. P. Lahari	
10			Mrs. K. Maheswari	
11			Mr. K. Bharath Kumar	
12	27.03.2024 Wednesday	AN (02.00 PM to 03.50PM)	Mr. D. Maheswara Reddy	
13			Mrs. M. Manorama	
14			Mr. N. Yella Subbaiah	
15			Mr. R. Nageswara Rao	
16	28.03.2024 Thursday	AN (02.00 PM to 03.50PM)	Mrs. C. Parimala Devi	
17			Mrs. M. Manorama	
18			Mrs. V. Saroja	
19			Mr. R. Nageswara Rao	
20	30.03.2024 Saturday	AN (02.00 PM to 03.50PM)	Mrs. C. Parimala Devi	
21			Ms. P. Lahari	
22			Mr. A. Sai Keshava Reddy	
23			Ms. A. Sravani	
24	01.04.2024 Monday	FN (10.00 AM to 11.50AM)	Mr. M. Ramanjineyulu	
25			Mrs. K. Maheswari	
26			Ms. K. Madhavi	
27			Mrs. C. Parimala Devi	
28	02.04.2024 Tuesday	FN (10.00 AM to 11.50AM)	Mr. M. Ramanjineyulu	
29			Ms. K. Madhavi	
30			Ms. M. Praisyl Gladys	
			Mr. C. Bhargava Reddy	

Note:- 1. Invigilators are instructed that not to carry the mobile phones in the examination halls during invigilation
2. The staff should show alternative arrangement if they are not available.

Exam Cell

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Email: principal hc@jntua.ac.in, Mobile: 9866308468

Of the Examination : B.Pharmacy IV Year BSem (R19) I Internal Theory Exams, Feb/March 2024					Room No. 215
Name : Biostatistics and Research Methodology (BP801T)					
26-02-2024		Time : 02:00 PM to 03:30 PM			Remarks
Regd. No	Name of the Student	Main Answer Booklet No.	Total No. of Additional Papers	Signature of the Candidate	
20HC1R0062	M Madhusudhan Reddy	2353	1+1+1 = 3	Madhusudhan	
20HC1R0063	Midde Sravani	2354	1+1+1 = 3	M.Sravani	
20HC1R0064	Midhun M V	2355	(+) = 2	Midhun	
20HC1R0065	Mittapalli Pradit	2356	1+1 = 2	m. Pradit	
20HC1R0066	M Ramachiruhasa Reddy	2357	1+1+1 = 3	M.Ramachiruhasa	
20HC1R0067	Mogal Nafeesa Begum	2368	1+1+1 = 3	Mogal	
20HC1R0068	Mula Lakshmi Devi	2358	1+1 = 2	Lakshmi	
20HC1R0069	Mutta K Gayathri	2359	1+1+1 = 3	M.K. Gayathri	
20HC1R0070	Mysore Mohammed Ashraf	2360	1+1+1 = 3	M. Ashraf	
20HC1R0071	N Anil Yadav	2361	1+1+1 = 3	N. Anil Yadav	
20HC1R0072	Nayibrahmin Sreevally	2362	1+1+1 = 3	N. Sreevally	
20HC1R0073	N Venkateswara Reddy	2363	1+1+1+1 = 4	N. Venkatesh	
20HC1R0074	Pabbati Obaiah	2364	1+1+1 = 3	P. Obaiah	
20HC1R0075	Paseddula Victor Paul	2365	1+1 = 2	P. Victor Paul	
20HC1R0076	Pasurla Nikitha Reddy	2366	1+1+1+1+1 = 5	P. Nikitha	
20HC1R0077	Poreddy Bhavya Sree	2367	1+1+1+1 = 4	P. Bhavya	
20HC1R0078	Pothuru Raga Chandana	2369	1+1 = 2	P. Chandana	
20HC1R0079	Punyamurthi Sai Teja	2370	1+1 = 2	P. Sai Teja	
20HC1R0080	Rajabhaigari Shaik Afreen	2371	1+1+1+1 = 4	R. Afreen	
20HC1R0081	Ramireddy Harshitha	2372	1+1+1+1 = 4	R. Harshitha	
20HC1R0082	Rampuram Harish	2373	1+1+1 = 3	Harish	
20HC1R0083	Rasapogu Dharani	2374	1+1 = 2	R. Dharani	
20HC1R0084	S Md Haseena	2375	1 = 1	Haseena	
20HC1R0085	Saikonda Sree Nikitha	2376	1+1 = 2	S. Sreenikitha	
Total No of Students		Total No of Absentees		Total No of Present	
24		00		24	

Cross the Box containing the Hall Ticket Number when the candidate is absent

M. Ramesh Kumar
Name & Signature of Invigilator


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SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

B. PHARMACY IV YEAR II SEM- I MID EXAMINATION – FEB/MAR-2024

SUBJECT: Social and Preventive Pharmacy
Time: 90 MIN.

CODE: BP802T
SESSION: AN

Date: 27.02.2024
Max Marks: 30 Marks

PART – A

Answer All of the following

5X2= 10 M

- a. What is balanced diet and benefits of it?
- b. What is basic difference between drug abuse and drug dependent?
- c. What are basic types of Acute Respiratory infection?
- d. Write down mission “Indradhanush”?
- e. Define Hypertension and Diabetes Mellitus?

PART - B

Answer ANY ONE of the following

1x10 = 10 M

2. Elaborate the impact of urbanization on environmental health?
3. Explain in detailed about NLCP and NLEP?

PART – C

Answer ANY TWO of the following

2x5 = 10 M

3. Write a note on socio cultural factors related to health and disease?
4. Write a note on Pulse Polio Programme?
5. Give a note on National Mental Health Programme?

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

B. PHARMACY IV YEAR II SEM- I MID EXAMINATION – FEB/MAR-2024

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SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

B. PHARMACY IV YEAR II SEM- I MID EXAMINATION – FEB/MAR-2024

SUBJECT: Pharmacovigilance

CODE: BP805ET

Date: 28.02.2024

Time: 90 MIN.

SESSION: AN

Max Marks: 30 Marks

PART – A

Answer All of the following

5X2= 10 M

1. a. Defined daily dose
b. Define Adverse drug reaction & Adverse effect
c. Write a note on Thalidomide tragedy
d. Abbreviation of CDSCO & UMC
e. Define Allopathy & Active surveillance

PART - B

Answer ANY ONE of the following

1x10 = 10 M

2. WHO international drug monitoring programme & Pharmacovigilance Program of India (PvPI)
3. Write a detailed note on Anatomical, therapeutic and chemical classification of drugs.

PART – C

Answer ANY TWO of the following

2x5 = 10 M

3. Importance of safety monitoring of Medicine
4. Information resources in pharmacovigilance
5. Write a note on international classification of diseases

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

B. PHARMACY IV YEAR II SEM- I MID EXAMINATION – FEB/MAR-2024

SUBJECT: Pharmacovigilance

CODE: BP805ET

Date: 28.02.2024

Time: 90 MIN.

SESSION: AN

Max Marks: 30 Marks

PART – A

Answer All of the following

5X2= 10 M

1. a. Defined daily dose
b. Define Adverse drug reaction & Adverse effect
c. Write a note on Thalidomide tragedy
d. Abbreviation of CDSCO & UMC
e. Define Allopathy & Active surveillance

PART - B

Answer ANY ONE of the following

1x10 = 10 M


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3. Write a detailed note on Anatomical, therapeutic and chemical classification of drugs.

PART – C

Answer ANY TWO of the following

2x5 = 10 M

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4. Information resources in pharmacovigilance
5. Write a note on international classification of diseases


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NH - 40, Nandyal, Kurupol District, Andhra Pradesh - 518501
Email: info@santhiram.ac.in; Mobile: 9866308468

MAIN ANSWER BOOK

COURSE : B.Pharmacy
 YEAR & SEM : IInd Year & IInd Sem
 NAME OF THE EXAM : Ist Mid Exam
 SUBJECT NAME : Herbal drug Technology
 SUBJECT CODE : BP603T

NAME OF THE STUDENT:

Attarsha Vardhan

HALL TICKET NUMBER

204C1R0002

Attarsha Vardhan
19/11/23

Signature of the Student with date

Reg 19/11/23

Signature of the Invigilator with date

FOR EXAMINER'S AWARD ONLY

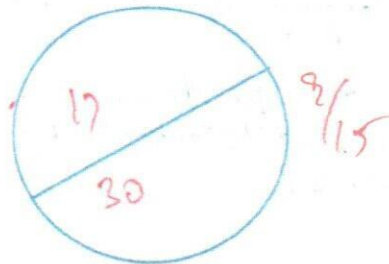
Q.No	A	B	C	D	E	Total
1	1	-	1	1	1	4
2						
3		:				6
4						5
5						2
OBJ						
SUB						
GRAND TOTAL						17

INSTRUCTIONS TO STUDENTS

- Before you begin to answer fill in the particulars of year, subject and H.T. No. failing which the script will not be valued.
- No loose sheets or paper will be allowed into the examination hall and no paper must be detached from the answer book.
- Write answer legibly on both sides of the page. The question numbers are to be carefully indicated.
- All the rough work must be done at the last page noting rough work.
- Additional answer books used, if any, should be carefully fastened to the main answer book by obtaining thread from the invigilator.
- This main answer book with tagged additional (if any) should be handed over to the invigilator before leaving the examination hall.

MARKS IN WORDS

FIRST DIGIT	SECOND DIGIT
zero	nine



Signature of the Examiner with date

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PART-B.

3 Ans:- Nutraceuticals in cancer.

Nutraceuticals:-

- These are obtained from the plants and Animal sources. for the gaining of energy and Nutrients. to serve.

- Nutraceuticals has beneficial Effects in a health.

- Nutraceuticals in cancer:-

- Nutraceuticals are obtained from plants and animals. and that inhibits & destroys the cancer cells.

- It has a good beneficial effects on the prevention of cancer.

- The Nutraceuticals which prevent the cancer that are. Curcumin (found in a vegetable.), Resveratrol (found Grape and Red wine.) Omega-3-Fatty acid (found in

fish) These are anticancer nutraceuticals, antioxidants, anti-inflammatory

Nutraceutical foods:-

Spirulina:-

- Spirulina is a blue green alga that obtained from the ^{plants} Spirulina maxima. and belonging to the family Spiraliaceae.

- It has a protein rich substances.

- It can controls immune system and controls cholesterol level.

- It has the Rich vitamins of [B, B₁, B₂, B₃, B₅, B₆, B₁₂, C, D, E, K].

- uses:-

- Sedative and hypnotics.

- It inhibits the hypertension.

- Immunomodulatory.

Garlic:-

- Garlic is obtained from the plants of Allium sativum & belongs to the family Alliaceae.

- Garlic decreases the cardiac problems.

- Garlic it contains Allay and Decarboxil-p-

- It also contains Steroidals.

uses:-

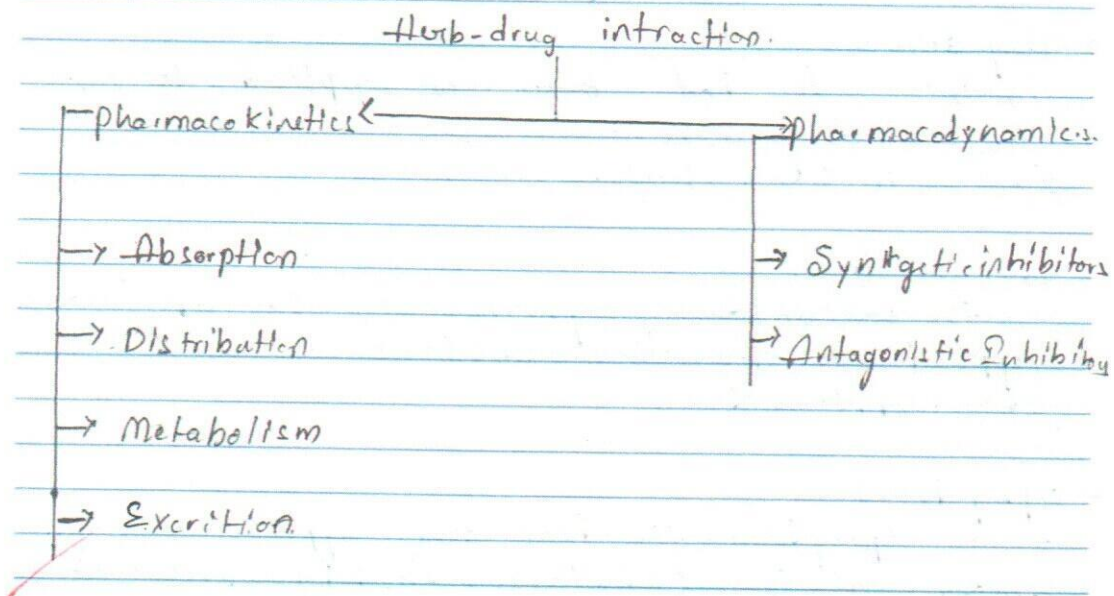
- Garlic is used as an antioxidant.
- It is used in sedative and hypnotic drug.
- Garlic is a good immunomodulatory agent.

PARP-C

5AM drug-herb interaction:-

- It is the pharmacological drug-herb interaction, and it has the prescription of treatment like, diagnosis, chemotherapy, and it may increase or decrease the activity of drug-herb interaction with in the pharmacokinetics, and it is nothing but interaction between drug and herbs. It is known as drug-herb interaction.

Mechanism of herb-drug interactions.



4AM The drying of Herbal raw materials.

- Drying is the removal of moisture content in a crude drug.
- The drying of Herbal raw materials has a different types to dry the raw materials.

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- Natural drying.
- Artificial drying.
 - Tray drier.
 - Vacuum drier.
 - Spray drier.

- Natural drying:-

- Natural drying is the one of the way of drying a crude drugs. In which, was dried under the sunlight.

Ex:- acacia Gum.

- Artificial drying:-

It is the process of drying in which the heat was applied and in this the equipments are used to dry the crude drug.

- Tray drier.

In this the heat ~~was~~ was applied to wet a crude drug substance.

Ex:- cinchona bark.

- Vacuum drier:-

In the vacuum drier process the hot air was applied to dry the substance.

Ex:- Pannic acid.

- Spray drier:-

In the spray drier the heat was applied for the drying of the substance fastly into the wet substance.

Ex:- Pannin.

- These are the process of drying of raw materials by the naturally and Artificial drying with the objects & equipments.

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ADDITIONAL SHEET

Page No.

HALL TICKET No. 20HC1R0002

PART-A.

1 (c) Amb

It is obtained from the fruits of umbilico of the family Euphorbaceae.

Chicory:-

It is obtained from the roots of chicorium tuberosum of the family Compositae.

1 (e) perfume

It is a fragrant liquid, made from essential oils from various plant parts & spices. It is known as perfume.

Ex:- Lemongrass oil
Lavender oil.

1 (d) The Gastrointestinal disease that use Cascum psillia.

1 (a) Herb

- Herbs are naturally obtained substances that are found in plant, animals, microorganisms, and some other living beings.

- Herb medicine:-

Herb medicines are the drugs that are used for medicinal use & that are obtained from the ~~plant~~ natural sources, plants, animals, and some other living organisms.

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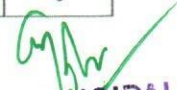
SANTHIRAM COLLEGE OF PHARMACY
CONTINUOUS ASSESSMENT MODE Marks Distribution
B. PHARMACY III YEAR II SEM SEC-A

Pharmacology-III

Name of the Staff:

Mrs. V. Saroja

Regd No.	Student Name	Mid-II (Theory)					Mid-II (Lab)			
		% Atten.	Atten. (4M)	Acad. (3M)	Intera. (3M)	Total (10M)	% Atten.	Atten. (2M)	Record, viva etc. (3M)	Total (5M)
HCI1R0001	Alvakonda Vamsi	80	1	2	2	5	50	0	2	2
HCI1R0002	Ambati Pravallika	100	4	2	1	7	100	2	2	4
HCI1R0003	Arjigari Chiranjeevi	50	0	1	1	2	100	2	1	3
HCI1R0004	Ashapogu Sukanya	70	0	1	2	3	100	2	2	4
HCI1R0005	Avula Sumanth	70	0	2	2	4	100	2	2	4
HCI1R0006	Avula Surya Prakash	40	0	1	1	2	50	0	1	1
HCI1R0007	Ballari Satwika	80	1	2	1	4	50	0	2	2
HCI1R0008	Basipogu Anil Kumar	70	0	1	1	2	50	0	2	2
HCI1R0009	Bathula Hari Krishna	60	0	2	1	3	50	0	1	1
HCI1R0010	Batturi Likhitha	80	1	2	1	4	100	2	2	4
HCI1R0011	Besta Anil Kumar	60	0	1	1	2	50	0	2	2
HCI1R0012	B Surya Srinivasa Reddy	40	0	1	1	2	50	0	0	0
HCI1R0013	Bidugu Praveen Kumar	40	0	1	1	2	50	0	1.5	1.5
HCI1R0014	B Pavithra Bhargavi	90	3	1	1	5	100	2	1.5	3.5
HCI1R0015	B Prasanna Kumari	70	0	1	1	2	50	0	1.5	1.5
HCI1R0016	Bogolu Chamundeswari	100	4	1	1	6	100	2	1.5	3.5
HCI1R0017	Bomireddy Akash Reddy	100	4	3	3	10	100	2	3	5
HCI1R0018	Bommi Reddy Supraja	90	3	2	2	7	100	2	2	4
HCI1R0019	Chakali Kethana	90	3	2	1	6	50	0	2	2
HCI1R0020	Challa Akhila	100	4	2	2	8	100	2	2	4
HCI1R0021	Challa Srinivasa Reddy	70	0	2	2	4	100	2	2	4
HCI1R0022	Chelika Nikitha	90	3	3	2	8	100	2	2	4
HCI1R0023	Chilakala Shasikala	100	4	2	2	8	100	2	2	4
HCI1R0024	C Vamsinadha Reddy	70	0	2	2	4	100	2	2	4
HCI1R0025	Chiragody Dhenika	80	1	2	2	7	100	2	2	4
HCI1R0026	Dande Praveen Kumar	90	3	1	1	5	50	0	1.5	1.5
HCI1R0027	Dasu Chandanapriya	100	4	1	1	6	100	2	1.5	3.5
HCI1R0028	Dudekula Laleef	50	0	1	1	2	100	2	1.5	3.5
HCI1R0030	Gaddam Sainadh Reddy	30	0	1	1	2	50	0	0	0
HCI1R0031	Gaja Hareesha	80	1	1	2	4	50	0	1.5	1.5
HCI1R0032	Garre Anisha	100	4	2	2	8	100	2	2	4
HCI1R0033	Golla Ganga Lakshmi	100	4	1	1	6	100	2	2	4
HCI1R0034	Gudipati Aravind	10	0	1	1	2	50	0	0	0


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S. No	Regd No	Student Name	Mid-II (Theory)					Mid-II (Lab)		
			% Atten.	Atten. (4M)	Acad. (3M)	Intera. (3M)	Total (10M)	% Atten.	Atten. (2M)	Record, viva etc. (3M)
34	21HC1R0035	Gullakuntla Mahitha	90	3	1	1	5	100	2	1.5
35	21HC1R0036	Gutti Dhanusha	100	4	1	2	7	100	2	1.5
36	21HC1R0037	Guvvala Akshaya	90	3	1	2	6	50	0	2
37	21HC1R0038	Hotel Indhu	90	3	1	2	6	100	2	2
38	21HC1R0039	Iruvinty Deepika	100	4	3	2	9	100	2	2
39	21HC1R0040	Jangamreddy Anki Reddy	40	0	1	2	3	100	2	1.5
40	21HC1R0041	Kalingiri Geetha Devi	100	4	2	2	8	100	2	1.5
41	21HC1R0042	Kammari Shirisha	90	3	2	2	7	100	2	2
42	21HC1R0043	K Chinthalapalli Mallika	100	4	1	2	7	100	2	1.5
43	21HC1R0044	Karur Mehanaz Bhanu	90	3	1	2	6	100	2	1.5
44	21HC1R0045	Kashapogu Chandu	50	0	1	2	3	100	2	1.5
45	21HC1R0046	Kovuru Sangeetha	90	3	1	2	6	50	0	1.5
46	21HC1R0047	K Susinitha Renuka	80	1	3	3	7	100	2	2
47	21HC1R0049	Kuruva Jayanthi	100	4	2	2	8	100	2	1.5
48	21HC1R0050	Lakke Ajay	50	0	2	2	4	100	2	1.5
49	21HC1R0051	Maddikatla Vyshnavi	100	4	2	2	8	100	2	1.5
50	21HC1R0052	Maddimani Silpa	100	4	2	2	8	100	2	1.5

Sign. Of Sub. I/C

(Academic Activities -quiz/assignments/open book test/field work. Group discussion and seminar)

Theory	% of Attendance	95-100	90-94	85-89	80-84
		4	3	2	1
LAB	% of Attendance	95-100	90-94	85-89	80-84
		2	1.5	1	0.5

PRINCIPAL
Santhiram College of Pharm
NH-40, Nandyal-518501, A.P.


CONSOLIDATED Mid Marks Statement of III B.Pharm II Sem (Sec-B) AY:2023-24

(50M)	(25M)	(25M)	8-TECH	BPPK	HDT-I	HDT-T	T-101	COL-T	MCL	MJT	(50M)		
(S.No)	Regd. No	Name of the Student	(25)	(15)	(25)	(15)	(25)	(15)	(25)	(15)	(25M)	(25M)	(50M)
27	21HCIR0027	DASU CHANDANAPRIYA	21	12	17	7	18	10	17	19	18	38	
28	21HCIR0028	DUDEKULA LALEEF	20	11	12	7	18	11	19	22	16	34	
29	21HCIR0030	GADDAM SAINADH REDDY	8	4	2	1	0	0	7	5	3	27	
30	21HCIR0031	GAJA HAREESHA	19	11	15	5	17	13	19	19	15	35	
31	21HCIR0032	GARRE ANISHA	24	14	20	8	21	14	24	20	20	44	
32	21HCIR0033	GOLLA GANGA LAKSHMI	18	11	14	7	12	7	16	17	15	30	
33	21HCIR0034	GUDIPATI ARAVIND	0	0	3	1	0	0	6	4	3	26	
34	21HCIR0035	GULLAKUNILA MAHITHA	20	12	16	10	15	9	19	19	17	35	
35	21HCIR0036	GUTTI DHANISHA	22	13	19	11	16	11	20	20	16	38	
36	21HCIR0037	GUVVALA VISHAYA	23	13	17	9	16	10	19	20	18	38	
37	21HCIR0038	HOTEL INDIRA	21	14	17	11	16	10	18	19	18	36	
38	21HCIR0039	IRUVINTY DEEPIKA	21	13	20	12	19	14	22	21	18	41	
39	21HCIR0040	JANGAMREDDY ANKI REDDY	13	7	4	9	0	0	14	10	8	28	
40	21HCIR0041	KALINGIRI GELTHA DEVI	22	13	18	10	20	12	20	21	17	40	
41	21HCIR0042	KAMMARI SEERISHA	22	13	19	11	19	13	21	21	19	41	
42	21HCIR0043	K CHINTHAPALLI MALLIKA	20	13	18	11	15	11	18	18	15	36	
43	21HCIR0044	KARUR MEEANAZ BHANU	21	13	16	10	15	11	19	20	15	35	
44	21HCIR0045	KASHAPOORU CHANDU	19	12	10	10	7	8	19	14	14	27	
45	21HCIR0046	KOVURU SANGEETHA	22	14	17	10	18	11	21	21	21	39	
46	21HCIR0047	K SUSMITHA RENUKA	24	14	22	12	20	15	23	24	21	44	
47	21HCIR0049	KURUVA JAYANTHI	20	11	18	11	17	12	20	21	18	37	
48	21HCIR0050	LAKKE AJAY	23	12	18	11	17	11	20	19	18	39	
49	21HCIR0051	MADDIKATLA VYSHNAVI	20	11	19	10	20	13	21	20	19	40	
50	21HCIR0052	MADDIMANI SILPA	20	11	19	10	20	11	20	20	20	40	
SIGNATURE OF SUBJECT INCHARGE													

Class Incharge

Program Co-Ordinator

Exam Cell


PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



Examination Branch

Notification
For

B.Pharm III Year II Semester (R19) Regular & Supple June/July 2024 Examinations
(For 2019, 2020, 2021 Regular & 2020, 2021, 2022 Lateral Entry admitted batches only)

Candidates appearing for the above examinations commencing from **24.06.2024** are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	06.06.2024
With Late Fee of Rs. 100/-	10.06.2024
With Late Fee of Rs. 1000/-	12.06.2024
With Late Fee of Rs. 3000/-	14.06.2024
With Late Fee of Rs. 5000/-	15.06.2024

Examinations Fee		
1.	For the Whole Examination (Regular)	Rs.700.00
2.	For one subject (theory / practical)	Rs.300.00
3.	For two subjects (theory / practical / both)	Rs.400.00
4.	For three subjects (theory / practical / both)	Rs.500.00
5.	For four subjects & above (theory / practical / both)	Rs.700.00
6.	Marks Memorandum	Rs.10.00
7.	Cost of Application	Rs.05.00

- Note:
- Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
 - Applications for supplementary examinations (AY 2023-24) should be submitted along with attested photocopies of marks sheets pertaining to earlier attempts made by the student.
 - No student is allowed for examinations without Hall Ticket.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
 - The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
 - Detailed timetables will be notified in the University website.
(www.jntua.ac.in under 'Examinations').

Date : 22-05-2024

DIRECTOR OF EVALUATION

Note: Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch

- on 13.06.2024 (Thursday) - without fine, with Rs.100/- fine and Rs.1000/- fine only.
- on 18.06.2024 (Tuesday) - with Rs.3000/- and Rs.5000/- fine only.

PRINCIPAL
Santhiram College of Pharmac,
NH-40, Nandyal-518501, A.P.



Examination Branch

Notification

For

B.Pharm III Year I Semester (R19) Supplementary June/July 2024 Examinations

(For 2019, 2020, 2021 Regular & 2020, 2021, 2022 Lateral Entry admitted batches only)

Candidates appearing for the above examinations commencing from **25.06.2024** are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	06.06.2024
With Late Fee of Rs. 100/-	10.06.2024
With Late Fee of Rs. 1000/-	12.06.2024
With Late Fee of Rs. 3000/-	14.06.2024
With Late Fee of Rs. 5000/-	15.06.2024

Examinations Fee	
1. For one subject (theory / practical)	Rs.300.00
2. For two subjects (theory / practical / both)	Rs.400.00
3. For three subjects (theory / practical / both)	Rs.500.00
4. For four subjects & above (theory / practical / both)	Rs.700.00
5. Marks Memorandum	Rs.10.00
6. Cost of Application	Rs.05.00

- Note:
- Applications are available at the office of the Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
 - Applications for supplementary examinations (AY 2023-24) should be submitted along with attested photocopies of marks sheets pertaining to earlier attempts made by the student.
 - No student is allowed for examinations without Hall Ticket.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
 - The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
 - Detailed timetables will be notified in the University website.
(www.jntua.ac.in under 'Examinations').

Date : 22-05-2024

DIRECTOR OF EVALUATION

Note: Online receipts/Challans along with all necessary enclosures have to be submitted at the University Examinations Branch

- on 13.06.2024 (Thursday) - without fine, with Rs.100/- fine and Rs.1000/- fine only.
- on 18.06.2024 (Tuesday) - with Rs.3000/- and Rs.5000/- fine only.

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ADMINISTRATIVE BUILDING, ANANTHAPURAMU 515002
EXAMINATIONS BRANCH

Prof. E.Keshava Reddy
Director of Evaluation

ONLINE REGISTRATION

Lr. No. DE / JNTUA/ ATP/ B.Pharm III-I & III-II (R19 & R15) Regular & Supplementary Examinations / June/July 2024/Instructions dt. 20.05.2024

To
The Principals
All colleges offering B.Pharm program under JNTU Anantapur

Sir/Madam,

You are requested,

- To upload internal marks of B.Pharm III year II semester Regular students (AY 2023-24) to examinations portal 'JNTUA EMS' on or before 05:30 PM of **19.06.2024 (Wednesday)**. Internal marks uploaded after 05:30 PM of 19th June 2024 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach **Additional Controller of Examinations, University Examinations Building, Oppt. Govt. Polytechnic College, JNTUANantapur, Ananthapuramu - 515002 (A.P)** on or before **24.06.2024 (Monday)** by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as B.Pharm/III-II/IM/R19/June/July-2024 Exams/<College Code>.
- To conduct regular & supple laboratory examinations from **18.06.2024 to 22.06.2024** and send the award lists in sealed covers to the address mentioned above on or before **27.06.2024 (Thursday)** without fail by registered/speed post. The cover may be superscribed as B.Pharm/III-I/III-II/R19/R15/Reg&Supple/June/July-2024/Lab Award Lists/<College Code>
- Complete the first entry of lab externals in EMS by **24.06.2024**.
- You are requested to finalize the attendance particulars of the students for regular examinations and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of **18.06.2024 (Tuesday)** without fail.
- To note that schedule for online registration (for R19 & R15 regulations only) is as follows

	Opens	Closes	No. of Days
Without late fee	22.05.2024	06.06.2024	16 days
With Rs.100/- late fee	07.06.2024	10.06.2024	04 days
With Rs.1000/- late fee	11.06.2024	12.06.2024	02 days
With Rs.3000/- late fee	13.06.2024	14.06.2024	02 days
With Rs.5000/- late fee	15.06.2024	15.06.2024	01 day

Schedule for submission of online receipts/challan for verification at Head Quarters

13.06.2024	Thursday	All Districts	Without fine, with Rs.100/- fine and Rs.1000/- fine only
18.06.2024	Tuesday	All Districts	With Rs.3000/- fine and Rs.5000/- fine only

- Students who are writing substitute subjects and additional subjects shall be registered manually with centre being the parent college only.
- To submit the following at the time of verification along with Online receipts/Challans without which verification process will not undertaken
 - Detained List signed by the college principal.
 - Condoned List signed by the college principal along with Online receipts/Challan towards condonation fee.
 - College Academic Committee (CAC) resolution approving detained and condonation Lists.
 - 'Eligible but not registered' list signed by the college principal.
 - Copy of Clearance Certificate.
 - Copy of UCS Fee Receipts.
- Deduction by the colleges is permissible as per the proceedings of the Registrar dated 07.04.2018 for Regular and 16.04.2014 for Supple, copies of which are available in www.jntua.ac.in under 'examinations'.
- To note that hall tickets will be generated only for eligible students who have paid the UCS fee, for whom clearance has been given by the University and whose examinations fee has been received. For these candidates hall tickets will be available in the JNTUA EMS on **13.06.2024 (Thursday)** for download.

Yours faithfully,

DIRECTOR OF EVALUATION

[Signature]

[Signature]
PRINCIPAL
Santhiram College of Pharm
NH-40, Nandyal-518501, A.P.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA

Examination Branch

B.Pharm III Year II Semester (R19) Regular & Supple June/July 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	B PHARMACY
24.06.2024 Monday	Medicinal Chemistry - III BP601T
26.06.2024 Wednesday	Pharmacology - III BP602T
28.06.2024 Friday	Herbal Drug Technology BP603T
01.07.2024 Monday	Biopharmaceutics & Pharmacokinetics BP604T
03.07.2024 Wednesday	Pharmaceutical Biotechnology BP605T
05.07.2024 Friday	Quality Assurance BP606T

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately

Date : 30-05-2024

Controller of Examinations

PRINCIPAL
Santhiram College of Pharm
NH-40, Nandyal-518501, A.P.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515 002 (A.P.) - INDIA

Examination Branch

B.Pharm III Year II Semester (R15) Supplementary June/July 2024 Examinations

Time: 10:00 AM to 01:00 PM

Date / Day	B PHARMACY
24.06.2024 Monday	PHARMACOLOGY-II 15R00601
26.06.2024 Wednesday	PHARMACEUTICAL ANALYSIS-II 15R00602
28.06.2024 Friday	BIOPHARMACEUTICS & PHARMACOKINETICS 15R00603
01.07.2024 Monday	PHARMACEUTICAL JURISPRUDENCE 15R00604
03.07.2024 Wednesday	PHARMACY ADMINISTRATION 15R00605
	CLINICAL TRIALS 15R00606
	COSMETIC TECHNOLOGY 15R00607

Note: (i) Any omissions or clashes in this time table may please be informed to the undersigned immediately.
(ii) If any discrepancies are found, the same may be informed to the undersigned immediately

Date : 30-05-2024

Controller of Examinations

PRINCIPAL
Santhiram College of Pharmacy
Narasimharao Nagar, 515001 A.P.