



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

2.5

Evaluation Process and Reforms



SANTHIRAM COLLEGE OF PHARMACY

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2.5.1.

Mechanism of internal/ external assessment is transparent, and the grievance redressal system is time-bound and efficient

B. Pharm. R19 Regulations

CHAPTER- I: REGULATIONS

1. Short Title and Commencement

These regulations shall be called as "The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi". They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by Pharmacy Council of India.

2. Minimum qualification for admission

First year B. Pharm:

Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10-2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

2.2. B. Pharm lateral entry (to third semester):

A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

3. Duration of the program

The course of study for B.Pharm shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

4. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

5. Working days in each semester

Each semester shall consist of not less than 100 working days. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year.

6. Attendance and progress

A candidate is required to put in at least 80% attendance in aggregate of all courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

7. Program/Course credit structure

As per the philosophy of Credit Based Semester System, certain quantum of academic



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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.

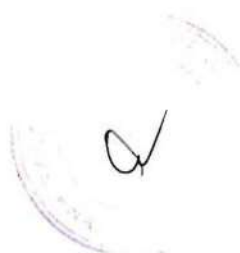
The lateral entry students shall get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of 1 and 11 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.




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- a) Physical activity - Sports, Yoga, Heartfulness relaxation and meditation
 - b) Creative Arts
 - c) Universal Human Values
 - d) Literary
 - e) Proficiency Modules
 - f) Lectures by Eminent People
 - g) Visits to local Areas
 - h) Familiarization to Dept. & Innovations

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9. Course of study

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table - I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table - I to VIII.

Table-I: Course of study for semester I

Course code	Name of the course	No. of Hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I - Theory	3	1	4
BP102T	Pharmaceutical Analysis I - Theory	3	1	4
BP103T	Pharmaceutics I - Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry - Theory	3	1	4
BP105T	Communication skills - Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics - Theory*	2	-	2
BP107P	Human Anatomy and Physiology - Practical	4	-	2
BP108P	Pharmaceutical Analysis I - Practical	4	-	2
BP109P	Pharmaceutics I - Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry - Practical	4	-	2
BP111P	Communication skills - Practical*	2	-	1
BP112RBP	Remedial Biology Practical*	2	-	1
BP113CV	Comprehensive Viva-Voce ⁵ - I	-	-	-
Total		32/34⁵/36⁶	4	27/29⁵/30⁶

²Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

³Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

⁵ Non University Examination (NUE) with grading



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Table-II: Course of study for semester II

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences - Theory *	3	-	3
BP207P	Human Anatomy and Physiology II –Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I– Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
BP211CV	Comprehensive Viva-Voce [†] – II	-	-	-
Total		32	4	29

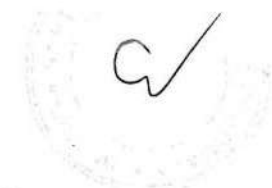
* Non University Examination (NUE)

† Non University Examination (NUE) with grading

Table-III: Course of study for semester III

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I - Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
BP309CV	Comprehensive Viva-Voce [‡] – III	-	-	-
Total		28	4	24

‡ Non University Examination (NUE) with grading



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Table-IV: Course of study for semester IV

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III - Theory	3	1	4
BP402T	Medicinal Chemistry I - Theory	3	1	4
BP403T	Physical Pharmaceutics II - Theory	3	1	4
BP404T	Pharmacology I - Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I - Theory	3	1	4
BP406P	Medicinal Chemistry I - Practical	4	-	2
BP407P	Physical Pharmaceutics II - Practical	4	-	2
BP408P	Pharmacology I - Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I - Practical	4	-	2
BP410CV	Comprehensive Viva-Voce ^s - IV	-	-	-
Total		31	5	28

^s Non University Examination (NUE) with grading

Table-V: Course of study for semester V

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II - Theory	3	1	4
BP502T	Industrial Pharmacy I - Theory	3	1	4
BP503T	Pharmacology II - Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II - Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence - Theory	3	1	4
BP506P	Industrial Pharmacy I - Practical	4	-	2
BP507P	Pharmacology II - Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II - Practical	4	-	2
BP509CV	Comprehensive Viva-Voce ^s - V	-	-	-
Total		27	5	26

^s Non University Examination (NUE) with grading

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Dr. N. N. NANDYAL
Principal

Table-VI: Course of study for semester VI

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III - Theory	3	1	4
BP602T	Pharmacology III - Theory	3	1	4
BP603T	Herbal Drug Technology - Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics - Theory	3	1	4
BP605T	Pharmaceutical Biotechnology - Theory	3	1	4
BP606T	Quality Assurance - Theory	3	1	4
BP607P	Medicinal chemistry III - Practical	4	-	2
BP608P	Pharmacology III - Practical	4	-	2
BP609P	Herbal Drug Technology - Practical	4	-	2
BP610CV	Comprehensive Viva-Voce [†] - VI	-	-	-
Total		39	6	30

† Non University Examination (NUE) with grading

Table-VII: Course of study for semester VII

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis - Theory	3	1	4
BP702T	Industrial Pharmacy II - Theory	3	1	4
BP703T	Pharmacy Practice - Theory	3	1	4
BP704T	Novel Drug Delivery System - Theory	3	1	4
BP705P	Instrumental Methods of Analysis - Practical	4	-	2
BP706PS	Practice School [‡]	12	-	6
BP707MC	Constitution of India [‡]	-	-	-
BP708CV	Comprehensive Viva-Voce [‡] - VII	-	-	-
Total		28	5	24

‡ Non University Examination (NUE)

‡ Non University Examination (NUE) with grading

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Table-VIII: Course of study for semester VIII

Course code	Name of the course	No. of Hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803L1	Pharma Marketing Management	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
BP804L1	Pharmaceutical Regulatory Science			
BP805FT	Pharmacovigilance			
BP806FT	Quality Control and Standardization of Herbals			
BP807FT	Computer Aided Drug Design			
BP808L1	Cell and Molecular Biology			
BP809L1	Cosmetic Science			
BP810L1	Experimental Pharmacology			
BP811L1	Advanced Instrumentation Techniques			
BP812L1	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12	-	6
BP814MC	Essence of India Traditional Knowledge*	-	-	-
BP815CV	Comprehensive Viva-Voce* - VIII	-	-	-
Total		24	4	22

*Not University Examination (NUE) with grading

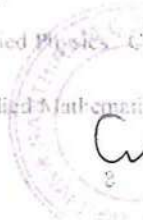
Table-IX: Semester wise credits distribution

Semester	Credit Points
I	27/29 ^b /30 ^b
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co-curricular activities	01 ^b
Total credit points for the program	209/211 ^b /212 ^b

* 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 accrue this credit point shall be defined by the colleges from time to time.

^bApplicable ONLY for the students studied Physics, Chemistry, Botany, Zoology at HSC and appearing for Remedial Mathematics course.

^cApplicable ONLY for the students studied Mathematics, Physics, Chemistry at HSC and appearing for Remedial Biology course.



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9.1 Mandatory Courses (Non credit courses)

Mandatory courses shall be conducted at

Semester VII Constitution of India

Semester VIII Essence of India Traditional Knowledge

Comprehensive viva-voce should be introduced with internal evaluation.

Comprehensive viva-voce shall be conducted at the end of every semester

10. Program Committee

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
2. The composition of the Program Committee shall be as follows:

A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.

3. Duties of the Program Committee:

- i. Periodically reviewing the progress of the classes.
- ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
- iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessional exam (Internal Assessment) and before the end semester exam.

11. Examinations/Assessments

The scheme for internal assessment and end semester examinations is given in Table X.

11.1 End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to VIII shall be conducted by the university except for the subjects with asterix symbol (*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

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Semester II

Course code	Name of the course	Internal Assessment			End Semester Exams		Total Marks	
		Continuous Mode	Sessional Exams		Total	Marks		Duration
Marks	Duration							
BP201T	Human Anatomy and Physiology II – Theory	10	15	1 Hr	25	75	3 Hrs	100
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 ^c - II	-	-	-	-	-	-	-
Total		80	125	20 Hrs	205	520	30 Hrs	725

* The subject experts at college level shall conduct examinations

^c Non University Examination (NUE) 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
BP304I	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 ^c - III	-	-	-	-	-	-	-
Total		60	100	20	160	440	28Hrs	600

^c 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 Exams Marks	Duration	Marks	Duration		
BP401E	Pharmaceutical Organic Chemistry III Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402E	Medicinal Chemistry I - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403E	Physical Pharmaceutics II - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404E	Pharmacology I - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP405E	Pharmacology I - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP406E	Medicinal Chemistry I - Practical	5	10	4 Hr	15	35	4 Hrs	50
BP407E	Physical Pharmaceutics II - Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408E	Pharmacology I - Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP409E	Pharmacognosy I - Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP410E	Comprehensive Viva-Voce - IV	-	-	-	-	-	-	-
Total		70	115	21 Hrs	185	515	31 Hrs	700

All University Examination (NLE) and shall be graded as satisfactory (S) 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 ^c - V	-	-	-	-	-	-	-
Total		65	105	17 Hr	170	480	27 Hrs	650

^c 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	Continuous Mode	Internal Assessment			End Semester Exams		
			Sessional Marks	Duration	Total	Marks	Duration	Total Marks
BP601T	Medicinal Chemistry III - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance - Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III - Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III - Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP610CV	Comprehensive Viva-voce - VI	-	-	-	-	-	-	-
Total		75	120	18 Hrs	195	555	30 Hrs	750

Not 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	Exams Duration	Marks	Duration	
BP701T	Instrumental Methods of Analysis - Theory	10	15	1 Hr	75	3 Hrs	100
BP702I	Industrial Pharmacy Theory	10	15	1 Hr	75	3 Hrs	100
BP703I	Pharmacy Practice Theory	10	15	1 Hr	75	3 Hrs	100
BP704I	Novel Drug Delivery System Theory	10	15	1 Hr	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis - Practical	5	10	4 Hrs	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	125	5 Hrs	150
BP707MC	Constitution of India [†]	-	-	-	-	-	-
BP708CV	Comprehensive Viva-voce [‡] - VII	-	-	-	-	-	-
Total		70	70	8Hrs	140	46Hrs	600

* The subject experts at college level shall conduct examinations

[†] Not University Examination (NUE) and shall be graded as satisfactory (50%) and above / unsatisfactory (less than 50%)

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 Santhiram College of Pharmacy
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Semester VIII

Course code	Name of the course	Internal Assessment			End Semester Exams		Total Marks
		Continuous Mode	Sessional Marks	Exams Duration	Total Marks	Exams Duration	
BP801T	BioStatistics and Research Methodology - Theory	10	25	1 Hr	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy - Theory	10	25	1 Hr	75	3 Hrs	100
BP803ET	Pharmaceutical Marketing - Theory						
BP804ET	Pharmaceutical Regulatory Science - Theory						
BP805ET	Pharmacoepidemiology - Theory						
BP806T	Quality Control and Standardization of Herbs - Theory	10 + 10 -- 20	15 + 15 -- 30	1 + 1 -- 2 Hrs	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	16 Hrs	550

*Non University Examination (V, VI) and soft be graded as satisfactory (70% or 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

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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 Assessments 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

Whomever 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.

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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) OR Objective Type Questions (10 x 2) = 20 x 1 = 20
OR
= 10 x 2 = 20
(Answer all the questions)
- II. Long Answers (Answer 2 out of 3) = 2 x 10 = 20

Note: Not more than one question from any one unit (II. For Long Answers)

- III. Short Answers (Answer 7 out of 9) = 7 x 5 = 35

Total = 75 marks

Note: One question from each unit and not more than two questions from any one unit (III. For Short Answers)

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

16. Academic Progression:

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms specified in 26.

Any student who has given more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.



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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.


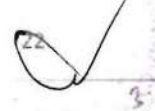


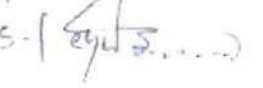

For mandatory courses, "Satisfactory" or "Unsatisfactory" shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA

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 ABS grade awarded in that semester. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

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NANDYAL

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

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, and S_1, S_2, S_3, \dots is the SGPA of semester I, II, III,

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.

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 Registrar, College of Pharmacy
 NIT, MANJALUR

school as declared by the program committee from time to time.

The program committee shall discuss with various departments in the college and shall provide the Practice School module which the students can opt to enhance their specific skill as desired by them and perform in the college premises only.

For example:

Quality control & Quality assurance of Pharmaceuticals, Manufacturing of dosage forms and their evaluation, Extraction of phytoconstituents etc..

24. Award of Ranks

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the B.Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the B. Pharm program in minimum prescribed number of years, (four years) for the award of Ranks.

25. Award of degree

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

26. Duration for completion of the program of study

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

27. Re-admission after break of study


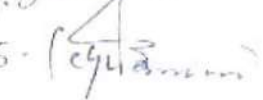
Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

No condonation is allowed for the candidate who has more than 2 years of break up period and he/she has to rejoin the program by paying the required fees.

28. A Socially/ Community Health relevant Projects/ Extracurricular/Co curricular activities



The student has to spend 15 Hrs./semester on any socially/ community health relevant projects (Health awareness – communicable, non-communicable disorders and diseases, nutritional deficiency disorders, Health as per WHO guidelines, prevention of disorder and diseases, Immunization significance and life style modification) and submit a report for evaluation. This shall be evaluated by a committee consisting of Principal, Head of the department, Project mentor and one senior faculty member of the department.




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Principal
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MYSORE, NANDYAL

**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 (I.E.S) will be declared eligible for the award of the B. Pharm degree if the student fulfills the following academic regulations:

- Pursues a course of study for not less than three academic years and not more than six academic years.
- A student shall register and put up minimum 157/159[§]/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.

[§]Applicable 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.

- 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.

- 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).



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Sri Chaitanya College of Pharmacy
NH: 0, NANDYAL

M.Pharm. R21 Regulations

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, at its constituent (non- autonomous) unit.

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.Sc. course and their admission stands cancelled.

3. Programme of Study:

The following M.Pharm. specializations are offered at its constituent (non-autonomous) unit & affiliated (nonautonomous) 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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4. Eligibility for Admissions:

- 4.1 Admission to the M.Sc. programme shall be made subject to the eligibility, qualifications and specialization prescribed by the A.P. State Government/University for each programme, from time to time.
- 4.2 Admissions shall be made on the basis of either the merit rank or Percentile obtained by the qualified student in the relevant qualifying GPAT Examination / the merit rank obtained by the qualified student in an entrance test conducted by A.P. State Government (APPGECET) for M.Pharm. programmes/an entrance test conducted by university/ on the basis of any other exams approved by the University, subject to reservations as laid down by the Govt. from time to time.

5. Programme related terms:

- 5.1 **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (Lecture/Tutorial) or two hours of practical work/field work per week.

Credit definition:

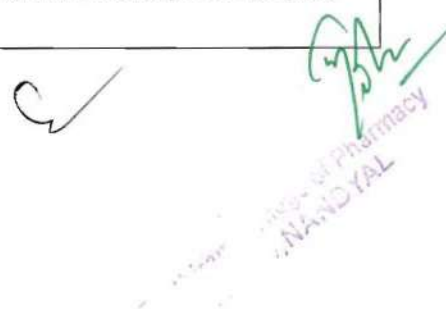
1 Hr. Lecture (L) per week	1 credit
1 Hr. Tutorial (T) per week	1 credit
1 Hr. Practical (P) per week	0.5 credit

- 5.2 **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- 5.3 **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses.

6. Programme Pattern:

- 6.1 Total duration of the of M.Pharm. programme is two academic years
- 6.2 Each academic year of study is divided into two semesters.
- 6.3 Each Semester shall be of 22 weeks duration (inclusive of Examinations), with a minimum of 90 instructional days per semester.
- 6.4 The student shall not take more than four academic years to fulfill all the academic requirements for the award of M.Pharm. degree from the date of commencement of first year first semester, failing which the student shall forfeit the seat in M.Pharm. programme.
- 6.5 The medium of instruction of the programme (including examinations and project reports) will be in English only.
- 6.6 All subjects/courses offered for the M.Pharm. programme are broadly classified as follows:

S.No.	Broad Course Classification	Course Category	Description
1.	Core Courses	Foundational & Professional Core Courses (PC)	Includes subjects related to the parent discipline

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2.	Elective Courses	Electives	Includes elective subjects related to the parent discipline/inter-disciplinary subjects or subjects in an area outside the parent discipline which are of importance in the context of special skill development
3.	Research	Research methodology & IPR	To understand importance and process of creation of patents through research
		Seminar	Ensures preparedness of students to undertake major projects/Dissertation, based on core contents related to specialization
		Cocurricular Activities/Journal Club	Attending conferences, scientific presentations and other scholarly activities
		Dissertation	Major Project
4.	Audit Courses	Mandatory noncredit courses	Covering subjects of developing desired attitude among the learners is on the line of initiatives such as Unnat Bharat Abhiyan, Yoga, Value education etc.

- 6.7 The college shall take measures to implement Virtual Labs (<https://www.vlab.co.in>) which provide remote access to labs in various disciplines of Science and will help student in learning basic and advanced concept through remote experimentation. Student shall be made to work on virtual lab experiments during the regular labs.
- 6.8 A faculty advisor/mentor shall be assigned to each specialization to advise students on the programme, its Course Structure and Curriculum, Choice of Courses, based on his competence, progress, pre-requisites and interest.
- 6.9 Preferably 25% course work for the theory courses in every semester shall be conducted in the blended mode of learning.

7. Attendance Requirements:

- 7.1 A student shall be eligible to appear for the University external examinations if he/she acquires i) a minimum of 50% attendance in each course and ii) 75% of attendance in aggregate of all the courses.
- 7.2 Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester may be granted by the College Academic Committee.
- 7.3 Condonation of shortage of attendance shall be granted only on genuine and valid reasons on representation by the candidate with supporting evidence
- 7.4 Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examination of that class.
- 7.5 A stipulated fee shall be payable towards condonation of shortage of attendance.
- 7.6 A student will not be promoted to the next semester unless he satisfies the attendance requirements of the present semester. They may seek re-admission into that semester when offered next.

- 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. Each midterm examination 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 conducted 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 **Seminars** 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



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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 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.
- 8.7 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 IV semester supplementary examinations are conducted.
- 8.8 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.
- 8.9 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.
- 8.10 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

a) 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.




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- 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.
- b) Students shall also be permitted to take online courses through other MOOC platforms like Coursera, edX etc. as per the guidelines specified in a). Only the courses with evaluation specified in percentage/grades shall be considered. If not specified in the online platform, then following credit equivalence shall be considered:
- Courses of 8 weeks duration: 2 Credits
 - Courses of 10 weeks duration: 3 Credits
 - Courses of 12 weeks duration: 4 Credits

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/Dissertation 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 Journal Club / 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 Agencies	1
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



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 Assistant Vice-Chancellor
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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
≥ 80 < 90	A (Excellent)	9
≥ 70 < 80	B (Very Good)	8
≥ 60 < 70	C (Good)	7
≥ 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 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 point scored by the student in the i^{th} course.

- i) 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.,



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Dean, College of Pharmacy
Kuvempu University
Dharwad

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

where "S_i" is the SGPA of the ith semester and C_i is the total number of credits up to that semester.

- ii) Both SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.
- iii) 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 letters S, A, B, C, D and F.

14. Award of Class:

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of M. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	Percentage of Marks to be secured
First Class with Distinction	≥70%
First Class	< 70% ≥ 60%
Pass Class	< 60% ≥ 50%

- 15. Exit Policy:** The student shall be permitted to exit with a PG Diploma based on his/her request to the university through the respective institution at the end of first year subject to passing all the courses in first year.

The University shall resolve any issues that may arise in the implementation of this policy from time to time and shall review the policy in the light of periodic changes brought by UGC, AICTE and State government.

16. Withholding of Results:

If the candidate has any case of in-discipline pending against him, the result of the candidate shall be withheld, and he will not be allowed/promoted into the next higher semester. The issue of degree is liable to be withheld in such cases.

17. Transitory Regulations

Discontinued, detained, or failed candidates are eligible for readmission as and when the semester is offered after fulfilment of academic regulations. Candidates who have been detained for want of attendance or not fulfilled academic requirements or who have failed after having undergone the course in earlier regulations or have discontinued and wish to continue the course are eligible for admission into the unfinished semester from the date of commencement of class work with the same or

equivalent subjects as and when subjects are offered, subject to Section 2 and they will follow the academic regulations into which they are readmitted.

18. General:

- 17.1 The academic regulations should be read as a whole for purpose of any interpretation.
- 17.2 Disciplinary action for Malpractice/improper conduct in examinations is appended.
- 17.3 There shall be no places transfer within the constituent colleges and affiliated colleges of Jawaharlal Nehru Technological University Anantapur.
- 17.4 Where the words "he", "him", "his", occur in the regulations, they include "she", "her", "hers".
- 17.5 In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- 17.6 The University may change or amend the academic regulations or syllabi at any time and the changes or amendments shall be made applicable to all the students on rolls with effect from the dates notified by the University.



For
11/11/2020

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.




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 examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat. Person



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M.Pharm. R21 Regulations

		(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.

Santhirapadi
M.P. 2



Pharm D Regulation

Academic Regulations 2017 for Pharm. D and D (Post Baccalaureate) (Regular)

(Effective for the students admitted into I year from the Academic Year 2017-2018 onwards)

1. Award of Pharm. D Degree

A student will be declared eligible for the award of the Pharm. D. Degree if he/she fulfils the following academic regulations:

i. Duration of the course. –

a) Pharm.D: The duration of the course shall be six academic years (five years of study and one year of internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of six years duration is divided into two phases

–
Phase I – consisting of First, Second, Third, Fourth and Fifth academic year.

Phase II – consisting of internship or residency training during sixth year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services and acquires skill under supervision so that he or she may become capable of functioning independently.

b) Pursue the course of study for not less than SIX academic years and is not more than TWELVE years.

c) Students, who fail to fulfil all the academic requirements for the award of the degree within TWELVE academic years from the year of their admission, shall forfeit their seat in Pharm D. course and their admission is cancelled.


2. Award of the Pharm. D (Post Baccalaureate) Degree.

A student will be declared eligible for the award of the Pharm. D (Post Baccalaureate). Degree if he fulfils the following academic regulations:

a) Pharm.D. (Post Baccalaureate): The duration of the course shall be for three academic years (two years of study and one year internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of three years duration is divided into two phases –

Phase I – consisting of First and Second academic year.

Phase II – consisting of Internship or residency training during third year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services, and acquires skill under supervision so that he or she may become capable of functioning independently.




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b) Pursue the course of study for not less than THREE academic years and is not more than SIX years.

c) Students, who fail to fulfil all the academic requirements for the award of the degree within SIX academic years from the year of their admission, shall forfeit their seat in Pharm D (PB) course and their admission is cancelled.

d) To add prefix „Dr.“ before the name of the candidate while awarding the degree „Doctor of Pharmacy“ vide regulation 18 of the Pharm D regulation, 2008.

3. Minimum qualification for admission to. –

a) Pharm.D. Part-I Course – A pass in any of the following examinations –

(1) 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects: Mathematics or Biology.

(2) A pass in D.Pharmacy course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

(3) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations. Provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course. Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.

b) Pharm.D. (Post Baccalaureate) Course - A pass in B.Pharm from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act: Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.

4. Course of study. –

The course of study for Pharm.D. shall include the subjects as given in the Tables below. The number of hours in a week, devoted to each subject for its teaching in theory, practical and tutorial shall not be less than that noted against it in columns (3), (4) and (5) below.



The image shows a handwritten signature in green ink, likely of an official from the Pharmacy Council of India. Below the signature is a faint, circular stamp containing text, which is partially obscured and difficult to read, but it appears to be the official seal of the organization.

COURSE STRUCTURE

First Year:

S.No.	Subjects Codes	Name of Subject	No. of hours of Theory	No. of hours of Tutorial	No. of hours of Practical	Lab	S.No.	Subjects codes
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
1.1	17T00101	Human Anatomy and Physiology	3	1	3		1.7	17T00107
1.2	17T00102	Pharmaceutics	2	1	3		1.8	17T00108
1.3	17T00103	Medicinal Biochemistry	3	1	3		1.9	17T00109
1.4	17T00104	Pharmaceutical Organic Chemistry	3	1	3		2.0	17T00110
1.5	17T00105	Pharmaceutical Inorganic Chemistry	2	1	3		2.1	17T00111
1.6	17T00106	Remedial Mathematics/Biology	3	1	3*		2.2	17T00112*
		Total hours	16	6 = (40)	18			

* For Biology



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Second Year:

S.No	Subjects Codes	Name of Subject	No. of hours of Theory	No. of hours of Tutorial	No. of hours of Practical	Lab	S.No	Subjects Codes
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
2.1	17T00201	Pathophysiology	3	1	-	-		-
2.2	17T00202	Pharmaceutical Microbiology	3	1	3		2.7	17T00207
2.3	17T00203	Pharmacognosy & Phytopharmaceuticals	3	1	3		2.8	17T00208
2.4	17T00204	Pharmacology-I	3	1	-	-		-
2.5	17T00205	Community Pharmacy	2	1	-	-		-
2.6	17T00206	Pharmacotherapeutics-I	3	1	3		2.9	17T00209
		Total Hours	17	6 = 32	9			

Third Year:

S.N O	Subjects Codes	Name of Subject	No. of hours of Theory	No. of hours of Tutorial	No. of hours of Practical	Lab	S.No	Subjects Codes
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
3.1	17T00301	Pharmacology-II	3	1	3		3.7	17T00307
3.2	17T00302	Pharmaceutical Analysis	3	1	3		3.8	17T00308
3.3	17T00303	Pharmacotherapeutics-II	3	1	3		3.9	17T00309
3.4	17T00304	Pharmaceutical Jurisprudence	2	-	-	-		-
3.5	17T00305	Medicinal Chemistry	3	1	3		4.0	17T00310
3.6	17T00306	Pharmaceutical Formulations	2	1	3		4.1	17T00311
		Total hours	16	5 = 36	15			



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Fourth Year:

S.No.	Subjects Codes	Name of Subject	No. of hours of Theory	No. of hours of Tutorial	No. of hours of Practical/Hospital Posting	Lab	S.No	Subjects Codes
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
4.1	17T00401	Pharmacotherapeutics-III	3	1	3		4.7	17T00407
4.2	17T00402	Hospital Pharmacy	2	1	3		4.8	17T00408
4.3	17T00403	Clinical Pharmacy	3	1	3		4.9	17T00409
4.4	17T00404	Biostatistics & Research Methodology	2	1	-	-		-
4.5	17T00405	Biopharmaceutics & Pharmacokinetics	3	1	3		4.10	17T00410
4.6	17T00406	Clinical Toxicology	2	1	-	-		-
		Total hours	15	6 = 33	12			

For Pharm D Post Baccalaureate

4.11	17T00411	Pharmacotherapeutics I & II	3	1	3		4.12	17T00412
			18	7=39				

Fifth Year:

S.No.	Subjects Codes	Name of Subject	No. of hours of Theory	No. of hours of Seminar	No. of hours of Hospital posting*
(1)	(2)	(3)	(4)	(5)	(6)
5.1	17T00501	Clinical Research	3	1	-
5.2	17T00502	Pharmacoepidemiology and Pharmacoeconomics	3	1	-
5.3	17T00503	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	1	-
5.4		Clerkship*	-	1	-
5.5		Project work (Six Months)	-	-	20
		Total hours	8	4 = 32	20

* Attending ward rounds on daily basis.

Note: The entire class work be spread for the entire Academic Year along with Project work and clerkship



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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

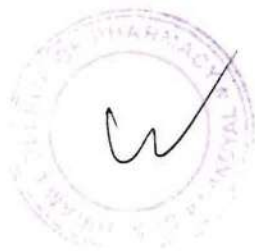
5. Syllabus. – The syllabus for each subject of study in the said Tables shall be as specified in **Appendix -A** to these regulations.


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:

T A B L E S
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:

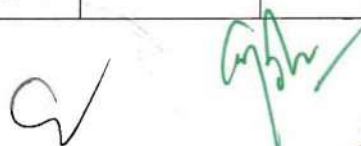
S.No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional I	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30		-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy &Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	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 I	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 I	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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S.No	Name of Subject	Fifth Year examination:					
		Maximum marks for Theory			Maximum marks for Practicals		
		Examina tion	Sessional	Total	Examinati on	Sessio nal	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).



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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Thiruvallur


(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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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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NO-40/11 INDYRA

20. Internship

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.

Other details

- 1) 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.
- 2) 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.


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- 3) Every candidate shall be required, after passing the final Pharm.D. or Pharm.D. (Post Baccalaureate) examination as the case may be to undergo 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.

Assessment of Internship

- (i) Each intern student shall have a minimum of 80% attendance in every month, and a total of 80% at end for satisfactory completion of internship.
- (ii) 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.
- (iii) 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 (Behaviour 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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NH-43, ...

21. Transitory regulations:

Candidates who have been detained for want of attendance or not fulfilled academic requirements or who have failed after having undergone the course in earlier regulations or have discontinued and wish to continue the course are eligible for admission into the unfinished semester from the date of commencement of class work with the same or equivalent subjects as and when subjects are offered, subject to Section 2. and continue to be in the academic regulations they were first admitted.

22. With – holding of results:

If the candidate has not paid dues to the university or if any case of in-discipline or malpractice is pending against him, the result of the candidate shall be withheld and he will not be allowed/ promoted into the next higher semester. The issue of degree is liable to be withheld in such cases.

23. General:

- i. The academic regulations should be read as a whole for purpose of any interpretation.
- ii. Disciplinary action for Malpractice / improper conduct in examinations is appended
- iii. Where the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
- iv. In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- v. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments shall be made applicable to all the students on roles with effect from the dates notified by the University.



24. RULES FOR DISCIPLINARY ACTION FOR MALPRACTICE / 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 and forfeits the 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 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.
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



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		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.
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. The candidates also are debarred and forfeit their seats. 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



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		<p>remaining examinations of the subjects of that semester/year. The candidate is also debarred and forfeits the seat.</p> <p>Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.</p>
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 and all other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
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.	

25. Malpractices identified by squad or special invigilators

1. Punishments to the candidates as per the above guidelines.
2. Punishment for institutions : (if the squad reports that the college is also involved in encouraging malpractices)
 - (i) A show cause notice shall be issued to the college.
 - (ii) Impose a suitable fine on the college.
 - (iii) Shifting the examination centre from the college to another college for a specific period of not less than one year.



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ANANTHAPURAMU - 515 002 (A.P.)

EXAMINATION BRANCH

APPLICATION FORMAT FOR CHALLENGE EVALUATION OF THEORY SUBJECTS OF END EXAMINATIONS TO BE SUBMITTED BY STUDENTS.

NAME: chakali sai manoj

H.T.NO: 16HCIR0066

ADDRESS FOR COMMUNICATION:

Contact Phone no (if any): 9008045496 email id(if any): Saimanoj705@gmail.com

YEAR IV B.Pharm/B.Tech/M.Tech/M.Pharm/MBA/MCA/M.Sc/Pharm.D/Pharm.D (PB) II SEMESTER (REGULAR/SUPPL.) (Month) 2020 (Year)

REQUIRED CHALLENGE EVALUATION FOR THE FOLLOWING SUBJECT(S).

S.NO	SUBJECT	SUBJECT CODE	AMOUNT
1	Bio Statistics & Design of experiment	15R00801	10,000

AMOUNT PAID Rs 10,000/- (RUPEES Ten thousand Rupees only/-)

Particulars of DD/Challan:

DD/Challan No.	Bank	Date	Amount
17701603180995	SBI	20-10-20	10,000/-

DATE: 20-10-2020

SIGNATURE OF THE STUDENT

FOR COLLEGE PRINCIPAL'S OFFICE USE

FORWARDED TO CONTROLLER OF EXAMINATIONS, JNTUA, ANANTHAPURAMU FOR NECESSARY ACTION

Principal Santhiram College of Pharmacy NH-18, NANDYAL

SIGNATURE OF THE PRINCIPAL WITH SEAL AND DATE Principal Santhiram College of Pharmacy NH-18, NANDYAL



JNTUA

EXAMINATION INFORMATION CENTER
(jntuaresults.ac.in)

(index.php)

Title : B.Pharmacy IV Year II Semester (R15) Regular & Supplementary Examinations, September 2020

Enter Hall Ticket Number # : 16HC1R0066

Search

Hall Ticket No :16HC1R0066 Student name: CHAKALI SAI MANOJ

Subject Code	Subject Name	Internals	Externals	Total Marks	Result Status	Credits	Grades
15R00801	BIostatistics & DESIGN OF EXPERIMENTS	19	9	28	F	0	F #
15R00802	INTELLECTUAL PROPERTY RIGHTS	22	29	51	P	3	D
15R00803	COMPREHENSIVE VIVA-VOCE	0	43	43	P	2	A
15R00804	TECHNICAL SEMINAR	45	0	45	P	2	S
15R00805	PROJECT WORK	50	130	180	P	13	S

Print Result

Any discrepancy in the result noted above must be brought to the notice of the Controller of Examinations(UG), within two weeks from the above date.

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(!) Warning: Cannot modify header information - headers already sent by (output started at C:\wamp64\www\emsrms\first.php:1) in C:\wamp64\www\emsrms\colgmenu.php on line 4

Call Stack				
#	Time	Memory	Function	Location
1	0.0002	405136	{main}()	...paysummary.php:0
2	0.1041	432128	require('C:\wamp64\www\emsrms\colgmenu.php')	...paysummary.php:108
3	0.1041	432504	header()	...colgmenu.php:4



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ANANTHAPURAMU - 515002

Transaction Status

Transaction ID. 17701603180395
Hall Ticket No. 16HC1R0066
Notification B.Pharm IV Yr II sem (R15) Reg & Supple September 2020 Dt.14.10.2020 -CV
Application Type : CHALLENGE VALUATION
No. of Subjects : 1
Total Amount : 10000
Payment Status : Success

[Handwritten Signature]
20/10/20
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[Handwritten Signature]
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B.Pharm IV Yr II sem (R15) Reg & Supple September 2020 Dt.14.10.2020 -CV

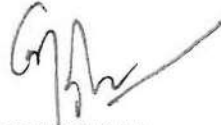
ONLINE PAYMENT APPLICATIONS

S.No.	ROLL No.	Application Type	Subject Code	Marks Obtained	Amount	Payment Status	Transaction ID	Account No.	IFSC Code	Bank Name	Student Address
1	16HC1R0066	Challenge Valuation	15R00801	09	10000.00	Success	17701603180395	20364041705	SBIN0014377	SBI, SIRIVELLA	Chakali Sai Manoj S/O C. Rama Maddileti S.No 1-178 Near Maremma temple Govinda palle Sirivella Mandal Kurnool Dist Andhra Pradesh 518502

OFFLINE PAYMENT APPLICATIONS

Applications Empty


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Application Details

Select Notification: B.Pharm IV Yr II sem (R15) Reg & Supple September 2020 Dt.14.10.2020 -CV ▼

Online Payment Applications						
S.No.	H.T.No.	Application Type	Sub Code	Marks Obtained	Amount	Payment Status
1	16HC1R0066	Challenge Valuation	15R00801	09	10000.00	Success

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NEW EXAMINATIONS BLOCK,
ANANTHAPURAMU - 515 002

Date: 26-11-2020

Prof. C. Sashidhar
Director of Evaluation

CIRCULAR

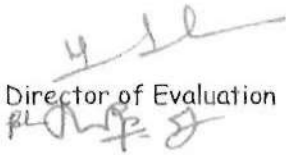
Sub: JNTUA - Examination Branch - B.Pharmacy - IV Year II Semester (R15) - Regular & Supplementary - September 2020 Examinations - Challenge Valuation - Notification dated 14.10.2020 - Results - Reg.

The following are the results of the challenge valuation of the students:

S.No	H.T .No	Name of the student	Subject Name & Subject Code	Name of the Examination	Marks after CV	Final marks	Result after CV
1	15Y01R0068	Shaik Samdhani	Intellectual Property Rights (15R00802)	B.Pharmacy IV Year II Sem (R15) Regular & Supplementary September 2020 Examinations	21	21	F
2	15L81R0082	Munga Vishnu Vardhan	Biostatistics & Design of Experiments (15R00801)		25	25	P
3	16HC1R0066	Chakali Sai Manoj			25	25	P

Copy to file


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NH-38, NANDYAL


Director of Evaluation

SRCP(HC)-JNTUA-V PHARM.D-ADVANCED SUPPLE-15HC1T0002-INTERNAL MARKS-SUB-REG.

Santhiram College of Pharmacy HC <principal.hc@jntua.ac.in>

Thu, Mar 25, 2021 at 2:40 PM

To: ce@jntua.ac.in

Cc: madhusudhan challa <drcmchetty@gmail.com>

Respected Madam,

I am herewith resubmitting the Internal marks of the candidate **ALLE TEJESWARA REDDY (15HC1T002)**-Pharma.D, whose **internal marks** are appeared as **ZERO (0)** in his results, which released yesterday (Date: 24-03-2021).

The Hard & Scanned copy of the internal marks already sent to the university on Dt:10-12-2019 for the AY-2019-20.

The same copy is once again sending for your reference along with his result copy.

Kindly resolve the issue at the earliest.

Thanking you madam.

Yours faithfully ..

Dr. C. Madhusudhana Chetty




M.Pharm.,Ph.D.,M.B.A.

Principal

Santhiram College of Pharmacy (HC)

Nandyal, Kurnool Dist- 518501 (A.P)

contact: +91 9502526901, +91 9866308468

2 attachments **15HC1T0002 Internal Marks.pdf**
164K **15HC1T0002 Result copy.pdf**
716K
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EXAMINATION INFORMATION CENTER
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(index.php)

Title : Pharm.D V Year Advanced Supplementary Examinations, December 2020

Enter Hall Ticket Number # : 15HC1T0002

Search

Hall Ticket No :15HC1T0002

Student name: ALLE TEJESWAR REDDY

Subject Code	Subject Name	Internals	Externals	Total Marks	Result Status
14T00501	CLINICAL RESEARCH	0	18	18	F
14T00502	PHARMACOEPIDEMIOLOGY & PHARMACOECONOMICS	0	30	30	F
14T00503	CLINICAL PHARMACOKINETICS & PHARMACOTHERAPEUTIC DRUG MONITORING	0	10	10	F
14T00504	CLERKSHIP *	0	51	51	P
14T00505	PROJECT WORK	-	76	76	P

[Print Result](#)

Any discrepancy in the result noted above must be brought to the notice of the Controller of Examinations(PG), within two weeks from the above date.

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Alle Tejeswar Reddy
Principal
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ANANTHAPURAMU - 515002 (A.P.) INDIA

EXAMINATIONS BRANCH

Discrepancy Results

Pharm.D V Year Advanced Supplementary Examinations - December 2020 Results

SUBJECT CODE	SUBJECT NAME	I.M	E.M	TOTAL	RESULT
15HC1T0002	ALLE TEJESWAR REDDY				
14T00501	CLINICAL RESEARCH	23	18	41	F
14T00502	PHARMACOEPIDEMOLOGY & PHARMACOECONOMICS	23	30	53	P
14T00503	CLINICAL PHARMACOKINETICS & PHARMACOTHERAPEUTIC	23	10	33	F
14T00504	CLERKSHIP *	23	51	51	P
14T00505	PROJECT WORK	-	76	76	P


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CONTROLLER OF EXAMINATIONS

Saturday, March 27, 2021

Page 1 of 1

Note: Any discrepancy in the result noted above must be brought to the notice of the Controller of Examinations, within two weeks from the above date



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NH – 20, Nandyal, Kurnool District, Andhra Pradesh – 518501

Email: srccp07hc@gmail.com ; Mobile: 9866308468

Ref: SRCP/EB/B. Pharm/ MID Exam /DEC-21

Date: 06.12.2021

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

Principal

CIRCULAR

I MID Theory EXAM SCHEDULES :: B. Pharmacy III & IV Year I sem AY: 2021-22

This is to inform that, the I MID Theory exams schedules for B. Pharmacy III & IV Year I Sem are as follows for the Academic year: 2021-22:

Timing: 02.30 PM to 04.30 PM (IV-I)

02.30 PM to 04.00 PM (III-I)

S. No	Date & Day	III YEAR I SEM (R19)	IV YEAR I SEM (R15)
1	13.12.2021 (Monday)	Medicinal Chemistry II (BP501T)	Novel Drug Delivery Systems (15R00701)
		<i>TVR/GMB</i>	<i>KPK/DMR</i>
2	14.12.2021 (Tuesday)	Industrial Pharmacy I (BP502T)	Pharmacology -III (15R00702)
		<i>RRD/KSK</i>	<i>PPK/RNK</i>
3	15.12.2021 (Wednesday)	Pharmacology II (BP503T)	Clinical and Hospital Pharmacy (15R00703)
		<i>KBD/BVR</i>	<i>SSP/GN</i>
4	16.12.2021 (Thursday)	Pharmacognosy II (BP504T)	Medicinal Chemistry-II (15R00704)
		<i>NSR/SVS</i>	<i>DCB</i>
5	17.12..2021 (Friday)	Pharmaceutical Jurisprudence (BP505T)	Pharmacovigilance (15R00707)
		<i>GMB/TVR</i>	<i>RRD/KB</i>

Note: 1. All the staff is submit their Question Paper on or before 11.12.2021

2. All the staff is submit their Answer scripts on or before 24.12.2021

3. I MID Internal lab Exam schedule for III-I (R19) after completion of I MID Theory Exams conduct in their regular lab hours.

Staff	Sign	Staff	Sign
PPK	<i>[Signature]</i>	KSK	<i>[Signature]</i>
SVS	<i>[Signature]</i>	NSR	<i>[Signature]</i>
DMR	<i>[Signature]</i>	DCB	<i>[Signature]</i>
RNK	<i>[Signature]</i>	KB	<i>[Signature]</i>
KPK	<i>[Signature]</i>	SSP	<i>[Signature]</i>
TVR	<i>[Signature]</i>	GN	<i>[Signature]</i>
GMB	<i>[Signature]</i>	RRD	<i>[Signature]</i>
BVR	<i>[Signature]</i>	KBD	<i>[Signature]</i>

[Signature]
Prepared by

[Signature]
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CC To: I. Notice Board



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NH – 20, Nandyal, Kurnool District, Andhra Pradesh – 518501

Email: srcp07hc@gmail.com ; Mobile: 9866308468

Ref: SRCP/EB/B. Pharm/Pharm D/ MID Exam /JAN-2022

Date: 18.01.2022

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

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II MID Theory EXAM SCHEDULES :: B. Pharmacy & Pharm D AY: 2021-22

This is to inform that, the II MID Theory exams schedules for B. Pharmacy III & IV Year I Sem are as follows for the Academic year: 2021-22:

Timing: 10.00 AM to 12.00 PM

10.00 AM to 11.30 AM (III-I)

S. No	Date & Day	B. PHARMACY	
		III YEAR I SEM (R19)	IV YEAR I SEM (R15)
1	31.01.2022 (Monday)	Medicinal Chemistry-II (BP501T)	Novel Drug Delivery Systems (15R00701)
		<i>TVR/GMB</i>	<i>KPK/DMR</i>
2	01.02.2022 (Tuesday)	Industrial Pharmacy-I (BP502T)	Pharmacology-III (15R00702)
		<i>KRK/KSK</i>	<i>PPK/RNK</i>
3	02.02.2022 (Wednesday)	Ph.cology II (BP503T)	Clinical and Hospital Pharmacy (15R00703)
		<i>PPK/BVR</i>	<i>SSP/GN</i>
4	03.02.2022 (Thursday)	Ph.cognosy II (BP504T)	Medicinal Chemistry-II (15R00704)
		<i>NSR/SVS</i>	<i>DCB</i>
5	04.02.2022 (Friday)	Ph.I Jurisprudence (BP505T)	Ph.covigilance (15R00707)
		<i>GMB/TVR</i>	<i>RRD/KB</i>

Note: 1. All the staff is submit their **Question Paper** on or before **28.01.2022**

2. All the staff is submit their **Answer Scripts** on or before **04.02.2022**

B. PHARMACY							
Staff	Sign	Staff	Sign	Staff	Sign	Staff	Sign
PPK	<i>PPK</i>	RNK	<i>RNK</i>	KSK	<i>KSK</i>	KB	<i>KB</i>
SVS	<i>SVS</i>	TVR	<i>TVR</i>	KPK	<i>KPK</i>	GN	<i>GN</i>
KRK	<i>KRK</i>	GMB	<i>GMB</i>	NSR	<i>NSR</i>	SSP	<i>SSP</i>
DMR	<i>DMR</i>	BVR	<i>BVR</i>	DCB	<i>DCB</i>		

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Verified by

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Email: srcp07hc@gmail.com ; Mobile: 9866308468

Ref: SRCP/EB/B. Pharmacy/ External Lab /JAN-2022

Date: 18.01.2022

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

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INTERNAL LAB EXAM SCHEDULES :: III & IV-I B. PHARM AY: 2021-22

This is to inform that, the internal lab exams schedules of B. Pharmacy III & IV Year I Sem are as follows for the Academic year: 2021-22:

S. No	Date & Day	III YEAR I SEM (R19)		IV YEAR I SEM (R15)	
		SEC - A			
		Batch-A	Batch-B	Batch-A	Batch-B
1	24.01.2022 (Monday)-FN	Ph.cology II (BP507P)	Ph.cognosy II (BP507P)	NDDS (15R00708)	CHP (15R00709)
		<i>PPK</i>	<i>NSR</i>	<i>KPK</i>	<i>SSP</i>
2	25.01.2022 (Tuesday)-FN	Ph.cognosy II (BP507P)	Industrial Pharmacy-I (BP506P)	MC (15R00710)	NDDS (15R00708)
		<i>NSR</i>	<i>KRK</i>	<i>DCB</i>	<i>KPK</i>
3	27.01.2022 (Thursday)-AN	Industrial Pharmacy-I (BP506P)	Ph.cology II (BP507P)	CHP (15R00709)	MC (15R00710)
		<i>KRK</i>	<i>PPK</i>	<i>SSP</i>	<i>DCB</i>
SEC - B					
4	27.01.2022 (Thursday)-FN	Ph.cology II (BP507P)	Ph.cognosy II (BP507P)	NDDS (15R00708)	CHP (15R00709)
		<i>BVR</i>	<i>SVS</i>	<i>DMR</i>	<i>GN</i>
5	28.01.2022 (Friday)-FN	Ph.cognosy II (BP507P)	Industrial Pharmacy-I (BP506P)	CHP (15R00709)	MC (15R00710)
		<i>SVS</i>	<i>KSK</i>	<i>GN</i>	<i>DCB</i>
6	29.01.2022 (Saturday)-FN	Industrial Pharmacy-I (BP506P)	Ph.cology II (BP507P)	MC (15R00710)	NDDS (15R00708)
		<i>KSK</i>	<i>BVR</i>	<i>DCB</i>	<i>DMR</i>

- Note: 1. 27.01.2022 Exam is Scheduled on Afternoon session for III & IV Year SEC-A only
2. The staffs are required to arrange their labs as per the requirement

Staff	Sign	Staff	Sign	Staff	Sign
<i>PPK</i>	<i>PPK</i>	<i>BVR</i>	<i>BVR</i>	<i>DCB</i>	<i>DCB</i>
<i>SVS</i>	<i>SVS</i>	<i>KSK</i>	<i>KSK</i>	<i>GN</i>	<i>GN</i>
<i>KRK</i>	<i>KRK</i>	<i>KPK</i>	<i>KPK</i>	<i>SSP</i>	<i>SSP</i>
<i>DMR</i>	<i>DMR</i>	<i>NSR</i>	<i>NSR</i>		

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Email: srcep07hc@gmail.com ; Mobile: 9866308468

Ref: SRCP/EB/B. Pharmacy/ External Lab /JAN-2022

Date: 18.01.2022

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

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EXTERNAL LAB EXAM SCHEDULES :: III & IV-I B. PHARM AY: 2021-22

This is to inform that, the External lab exams schedules of B. Pharmacy III & IV Year I Sem are as follows for the Academic year: 2021-22:

III-I EXTERNAL LAB SCHEDULES					
Section	Batch	After Noon Session			
		31.01.2022	01.02.2022	02.02.2022	03.02.2022
Sec-A	Batch-A	Industrial Pharmacy Lab No: 05 In. Ex:-(<i>KSK</i>) Ex. Ex:-(<i>KRK</i>)	Ph. Cology -II Lab No:07 In. Ex:-(<i>BVR</i>) Ex. Ex:-(<i>PPK</i>)	Ph. Cognosy-II Lab No:03 In. Ex:-(<i>NSR</i>) Ex. Ex:-(<i>SVS</i>)	--
	Batch-B	Ph. Cology -II Lab No:07 In. Ex:-(<i>BVR</i>) Ex. Ex:-(<i>PPK</i>)	Industrial Pharmacy Lab No:05 In. Ex:-(<i>KSK</i>) Ex. Ex:-(<i>KRK</i>)	--	Ph. Cognosy-II Lab No: 03 In. Ex:-(<i>NSR</i>) Ex. Ex:-(<i>SVS</i>)
Sec-B	Batch-A	Ph. Cognosy-II Lab No: 03 In. Ex:-(<i>NSR</i>) Ex. Ex:-(<i>SVS</i>)	--	Industrial Pharmacy Lab No: 05 In. Ex:-(<i>KSK</i>) Ex. Ex:-(<i>KRK</i>)	Ph. Cology -II Lab No:07 In. Ex:-(<i>BVR</i>) Ex. Ex:-(<i>PPK</i>)
	Batch-B	--	Ph. Cognosy-II Lab No: 03 In. Ex:-(<i>NSR</i>) Ex. Ex:-(<i>SVS</i>)	Ph. Cology -II Lab No:07 In. Ex:-(<i>BVR</i>) Ex. Ex:-(<i>PPK</i>)	Industrial Pharmacy Lab No:05 In. Ex:-(<i>KSK</i>) Ex. Ex:-(<i>KRK</i>)
IV-I EXTERNAL LAB SCHEDULES					
Section	Batch	After Noon Session			
		31.01.2022	01.02.2022	02.02.2022	03.02.2022
Sec-A	Batch-A	NDDS Lab No:04 In. Ex:-(<i>KPK</i>) Ex. Ex:-(<i>DMR</i>)	CHP Lab No:09 In. Ex:-(<i>SSP</i>) Ex. Ex:-(<i>YDR</i>)	Medicinal Chemistry Lab No:11 In. Ex:- (<i>DCB</i>) Ex. Ex:-(<i>TVR</i>)	--
	Batch-B	CHP Lab No:09 In. Ex:-(<i>SSP</i>) Ex. Ex:-(<i>YDR</i>)	NDDS Lab No:04 In. Ex:-(<i>KPK</i>) Ex. Ex:-(<i>DMR</i>)	--	Medicinal Chemistry Lab No:11 In. Ex:(<i>DCB</i>) Ex. Ex:-(<i>TVR</i>)
Sec-B	Batch-A	Medicinal Chemistry Lab No:11 In. Ex:- (<i>DCB</i>) Ex. Ex:- (<i>GMB</i>)	--	NDDS Lab No: 04 In. Ex:-(<i>KPK</i>) Ex. Ex:-(<i>DMR</i>)	CHP Lab No:09 In. Ex:-(<i>GN</i>) Ex. Ex:-(<i>YDR</i>)
	Batch-B	--	Medicinal Chemistry Lab No:11 In. Ex:- (<i>DCB</i>) Ex. Ex:- (<i>GMB</i>)	CHP Lab No:09 In. Ex:-(<i>GN</i>) Ex. Ex:-(<i>YDR</i>)	NDDS Lab No:04 In. Ex:-(<i>KPK</i>) Ex. Ex:-(<i>DMR</i>)

Note: The staffs are required to arrange their labs as per the requirement

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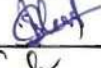

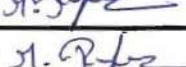
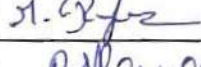



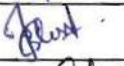




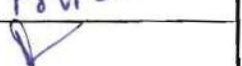



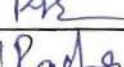
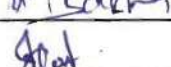

PRINCIPAL

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Santhiram College of Pharmacy
NH-40, NANDYAL

SANTHIRAM COLLEGE OF PHARMACY(HC)

INVIGILATION CHART FOR I MID EXAMINATIONS III & IV B.PHARMACY I SEM I MID: DECEMBER-2021


Dt: 11.12.2021

S.No	Date	Session	Room No.	Name of the Invigilator	Signature
1	13.12.2021 (Monday)	AN	211	Mr. G. Naveena	
2			212	Ms. K. Blessy D	
3			214	Ms. S. Sushma Priya	
4			215	Mr. M. Ramanjineyulu	
5	14.12.2021 (Tuesday)	AN	211	Mr. M. Ramanjineyulu	
6			212	Mr. B. Venkata Ramana	
7			214	Mr. S. Venu	
8			215	Mr. G. Naveena	
9	15.12.2021 (Wednesday)	AN	211	Ms. R. Renuka Devi	
10			212	Ms. K. Blessy D	
11			214	Ms. S. Sushma Priya	
12			215	Ms. B. Mayuri	
13	16.12.2021 (Thursday)	AN	211	Mr. D. China babu	
14			212	Mr. B. Venkata Ramana	
15			214	Mr. S. Venu	
16			215	Ms. B. Mayuri	
17	17.12.2021 (Friday)	AN	211	Mr. D. China babu	
18			212	Mr. K. Sampath Kumar	
19			214	Mr. G. Mahaboob Basha	
20			215	Ms. K. Blessy D	

Note: 1. Exam Timing For III B. Pharmacy 01.30 hr - AN: 02.30 PM to 04.00 AM
2. Exam Timing For IV B. Pharmacy 02.00 hr AN: 02.30 PM to 04.30 PM

Prepared By


Verified By



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Santhiram College of Pharmacy
NH-18, NANDYAL

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

B. PHARMACY I YEAR I SEM- I MID EXAMINATION APRIL-2022

SUBJECT: Human Anatomy and Physiology-I CODE: BP101T

Date: 25.04.2022

Time: 90 MIN.

SESSION: AN

Max Marks: 30 Marks

PART - A

Answer All of the following

5X2= 10 M

1. a. Define human anatomy and physiology?
b. List out two levels of organisation?
c. Draw a neat labelled diagram of cell?
d. List out two different transport process of cell membrane?
e. List out two phases of cell division?

PART - B

Answer ANY ONE of the following

1x10 = 10 M

2. Define tissue and classify? Write in detail about epithelial tissue
3. Write the salient features and functions of axial and appendicular skeletal system?

PART - C

Answer ANY TWO of the following

2x5 = 10 M

4. Write a short note on homeostasis?
5. Write two structures and functions of synovial joint with neat labelled diagram?
6. Write a short note on skin with neat labelled diagram?

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

B. PHARMACY I YEAR I SEM- I MID EXAMINATION APRIL-2022

SUBJECT: Human Anatomy and Physiology-I CODE: BP101T

Date: 25.04.2022

Time: 90 MIN.

SESSION: AN

Max Marks: 30 Marks

PART - A

Answer All of the following

5X2= 10 M

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b. List out two levels of organisation?
c. Draw a neat labelled diagram of cell?
d. List out two different transport process of cell membrane?
e. List out two phases of cell division?

PART - B

Answer ANY ONE of the following

1x10 = 10 M

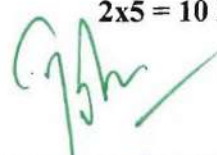
2. Define tissue and classify? Write in detail about epithelial tissue
3. Write the salient features and functions of axial and appendicular skeletal system?

PART - C

Answer ANY TWO of the following

2x5 = 10 M

4. Write a short note on homeostasis?
5. Write two structures and functions of synovial joint with neat labelled diagram?
6. Write a short note on skin with neat labelled diagram?


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SANTHIRAM COLLEGE OF PHARMACY, NANDYAL
B. PHARMACY I YEAR I SEM- I MID EXAMINATION – APRIL-2022

SUBJECT: Pharmaceutics-I

CODE: BP103T

Date: 27.04.2022

Time: 90 MIN.

SESSION: AN

Max Marks: 30 Marks

PART – A

Answer All of the following

5X2= 10 M

1. a. Define the following terms
-Additive effect
- Synergism
- b. Calculate the dose for a child that has a body surface area of $0.57m^2$ when the adult dose of a drug is 50mg
- c. Write a short note on geometric dilution.
- d. Mention the advantages and disadvantages of liquid dosage forms.
- e. Define Elixir and give example.

PART - B

Answer ANY ONE of the following

1x10 = 10 M

2. Define posology. Explain factors influencing dose of a drug and mention the formulas involved in calculation of doses
3. (a) Define emulsion. Explain in detail about identification tests of emulsions
(b) Write a note on emulsifying agents

PART – C

Answer ANY TWO of the following

2x5 = 10 M

4. Define Prescription and explain parts of prescription.
5. Discuss the different methods of mixing of powders.
6. Write a note on excipients used in formulation of liquid dosage forms.

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL
B. PHARMACY I YEAR I SEM- I MID EXAMINATION – APRIL-2022

SUBJECT: Pharmaceutics-I

CODE: BP103T

Date: 27.04.2022

Time: 90 MIN.

SESSION: AN

Max Marks: 30 Marks

PART – A

Answer All of the following

5X2= 10 M

1. a. Define the following terms
-Additive effect
- Synergism
- b. Calculate the dose for a child that has a body surface area of $0.57m^2$ when the adult dose of a drug is 50mg
- c. Write a short note on geometric dilution.
- d. Mention the advantages and disadvantages of liquid dosage forms.
- e. Define Elixir and give example.

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Answer ANY ONE of the following

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3. (a) Define emulsion. Explain in detail about identification tests of emulsions
(b) Write a note on emulsifying agents

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Answer ANY TWO of the following

2x5 = 10 M

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6. Write a note on excipients used in formulation of liquid dosage forms.

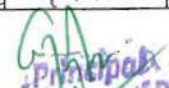

Santhiram College of Pharmacy
NH-18, NANDYAL

SANTHIRAM COLLEGE OF PHARMACY (HC)

B.Pharm I Year I Sem- Sec-A-II Mid Theory Examinations-June 2022 AY:: 2021-22

Attendance Statement

S.No	Regd. No	Name of the Student	20.06.2022	21.06.2022	22.06.2022	23.06.2022	24.06.2022	25.06.2022
			HAP-I	P.Anal-I	P.Ceu-I	PIOC	Comm.Skill	Maths
1	21HC1R0001	Alvakonda Vamsi	A.Vamsi	A.Vamsi	A.Vamsi	A.Vamsi	A.Vamsi	A.Vamsi
2	21HC1R0002	Ambati Pravalika	A.Pravalika	A.Pravalika	A.Pravalika	A.Pravalika	A.Pravalika	A.Pravalika
3	21HC1R0003	Arjigari Chiranjeevi	A.Chiranjeevi	A.Chiranjeevi	A.Chiranjeevi	A.Chiranjeevi	A.Chiranjeevi	A.Chiranjeevi
4	21HC1R0004	Ashapogu Sukanya	A.Sukanya	A.Sukanya	A.Sukanya	A.Sukanya	A.Sukanya	A.Sukanya
5	21HC1R0005	Avula Sumanth	A.Sumanth	A.Sumanth	A.Sumanth	A.Sumanth	A.Sumanth	A.Sumanth
6	21HC1R0006	Avula Surya Prakash	A.Surya	A.Surya	A.Surya	A.Surya	A.Surya	A.Surya
7	21HC1R0007	Ballari Satwika	B.Sathwika	B.Sathwika	B.Sathwika	B.Sathwika	B.Sathwika	B.Sathwika
8	21HC1R0008	Basipogu Anil Kumar	Anil	Anil	Anil	Anil	Anil	Anil
9	21HC1R0009	Bathula Hari Krishna	B.Hari Krishna	B.Hari Krishna	B.Hari Krishna	B.Hari Krishna	B.Hari Krishna	B.Hari Krishna
10	21HC1R0010	Batturi Likhitha	B.Likhitha	B.Likhitha	B.Likhitha	B.Likhitha	B.Likhitha	B.Likhitha
11	21HC1R0011	Besta Anil Kumar	Anil	Anil	Anil	Anil	Anil	Anil
12	21HC1R0012	B Surya Srinivasa Reddy	B.SSR	B.SSR	B.SSR	B.SSR	B.SSR	B.SSR
13	21HC1R0013	Bidugu Praveen Kumar	B.Praveen	B.Praveen	B.Praveen	B.Praveen	B.Praveen	B.Praveen
14	21HC1R0014	B Pavithra Bhargavi	B.Bhargavi	B.Bhargavi	B.Bhargavi	B.Bhargavi	B.Bhargavi	B.Bhargavi
15	21HC1R0015	B Prasanna Kumari	B.Prasanna	B.Prasanna	B.Prasanna	B.Prasanna	B.Prasanna	B.Prasanna
16	21HC1R0016	Bogolu Chamundeswari	B.Chamunda	B.Chamunda	B.Chamunda	B.Chamunda	B.Chamunda	B.Chamunda
17	21HC1R0017	Bomireddy Akash Reddy	B.Akash Reddy	B.Akash Reddy	B.Akash Reddy	B.Akash Reddy	B.Akash Reddy	B.Akash Reddy
18	21HC1R0018	Bommi Reddy Supraja	B.Supraja	B.Supraja	B.Supraja	B.Supraja	B.Supraja	B.Supraja
19	21HC1R0019	Chakali Kethana	C.Kethana	C.Kethana	C.Kethana	C.Kethana	C.Kethana	C.Kethana
20	21HC1R0020	Challa Akhila	C.Akhila	C.Akhila	C.Akhila	C.Akhila	C.Akhila	C.Akhila
21	21HC1R0021	Challa Srinivasa Reddy	C.Srinivasa Reddy	C.Srinivasa Reddy	C.Srinivasa Reddy	C.Srinivasa Reddy	C.Srinivasa Reddy	C.Srinivasa Reddy
22	21HC1R0022	Chelika Nikitha	C.Nikitha	C.Nikitha	C.Nikitha	C.Nikitha	C.Nikitha	C.Nikitha
23	21HC1R0023	Chilakala Shasikala	C.Shasikala	C.Shasikala	C.Shasikala	C.Shasikala	C.Shasikala	C.Shasikala
24	21HC1R0024	C Vamsinadha Reddy	C.Vamsinadha Reddy	C.Vamsinadha Reddy	C.Vamsinadha Reddy	C.Vamsinadha Reddy	C.Vamsinadha Reddy	C.Vamsinadha Reddy
25	21HC1R0025	Chitreddy Deepika	C.Deepika	C.Deepika	C.Deepika	C.Deepika	C.Deepika	C.Deepika
26	21HC1R0026	Dande Praveen Kumar	D.Praveen Kumar	D.Praveen	Dande	Dande	Dande	Dande
27	21HC1R0027	Dasu Chandanapriya	D.Chandanapriya	D.Chandanapriya	D.Chandanapriya	D.Chandanapriya	D.Chandanapriya	D.Chandanapriya
28	21HC1R0028	Dudekula Laleef	D.Laleef	D.Laleef	D.Laleef	D.Laleef	D.Laleef	D.Laleef
29	21HC1R0029	Eesari Manoj Kumar	Ab					
30	21HC1R0030	Gaddam Sainadh Reddy	G.Sainadh	G.Sainadh	G.Sainadh	G.Sainadh	G.Sainadh	G.Sainadh
31	21HC1R0031	Gaja Hareesha	G.Hareesha	G.Hareesha	G.Hareesha	G.Hareesha	G.Hareesha	G.Hareesha
32	21HC1R0032	Garre Anisha	G.Anisha	G.Anisha	G.Anisha	G.Anisha	G.Anisha	G.Anisha
33	21HC1R0033	Golla Ganga Lakshmi	G.Ganga Lakshmi	G.Ganga Lakshmi	G.Ganga Lakshmi	G.Ganga Lakshmi	G.Ganga Lakshmi	G.Ganga Lakshmi
34	21HC1R0034	Gudipati Aravind	G.Aravind	G.Aravind	G.Aravind	G.Aravind	G.Aravind	G.Aravind
35	21HC1R0035	Gullakuntla Mahitha	G.Mahitha	G.Mahitha	G.Mahitha	G.Mahitha	G.Mahitha	G.Mahitha


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SANTHIRAM COLLEGE OF PHARMACY (HC)

B.Pharm I Year I Sem- Sec-B-II Mid Theory Examinations-June 2022 AY:: 2021-22

Attendance Statement

i.No	Regd. No	Name of the Student	20.06.2022	21.06.2022	22.06.2022	23.06.2022	24.06.2022	25.06.2022
			HAP-I	P.Anal-I	P.Ceu-I	PIOC	Comm.Skill	Maths
1	21HC1R0053	Maddireddy Nandini	Nandini	Nandini	Nandini	Nandini	Nandini	Nandini
2	21HC1R0054	Maganti Venkata Ashritha	Ashritha	M.V.Ashritha	M.V.Ashritha	M.V.Ashritha	M.V.Ashritha	M.V.Ashritha
3	21HC1R0055	Malige Sruthi Leela	M.Sruthileela	M.Sruthileela	M.Sruthileela	M.Sruthileela	M.Sruthileela	M.Sruthileela
4	21HC1R0056	Mallu Sanjeeva Rasagna	M.S.Rasagna	M.S.Rasagna	M.S.Rasagna	M.S.Rasagna	M.S.Rasagna	M.S.Rasagna
5	21HC1R0057	Mandla Chetan	M.Chetan	M.Chetan	M.Chetan	M.Chetan	M.Chetan	M.Chetan
6	21HC1R0058	Mangali Manasa	M.Manasa	M.Manasa	M.Manasa	M.Manasa	M.Manasa	M.Manasa
7	21HC1R0059	Manjathottiyil Abin Manu	Abin	Abin	Abin	Abin	Abin	Abin
8	21HC1R0060	Mesa Kavya	M.Kavya	M.Kavya	M.Kavya	M.Kavya	M.Kavya	M.Kavya
9	21HC1R0061	M Mahammad Rafi	M.Rafi	M.Rafi	M.Rafi	M.Rafi	M.Rafi	M.Rafi
10	21HC1R0062	Mitte Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi	Keerthi
11	21HC1R0063	M Venkata Likhith Reddy	M.Likhith	M.Likhith	M.Likhith	M.Likhith	M.Likhith	M.Likhith
12	21HC1R0064	Mulla Mallika Aalam	M.Mallika	M.Mallika	M.Mallika	M.Mallika	M.Mallika	M.Mallika
13	21HC1R0065	Musani Divya Lakshmi	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya	M.Divya
14	21HC1R0066	Nallagatla Tharun	N.Tharun	N.Tharun	N.Tharun	N.Tharun	N.Tharun	N.Tharun
15	21HC1R0067	Nara Devendra	N.Devendra	N.Devendra	N.Devendra	N.Devendra	N.Devendra	N.Devendra
16	21HC1R0068	O Shanmukha Priya	Shanmukha	Shanmukha	Shanmukha	Shanmukha	Shanmukha	Shanmukha
17	21HC1R0069	P Venka Teswara Reddy	P.Teswara	P.Teswara	P.Teswara	P.Teswara	P.Teswara	P.Teswara
18	21HC1R0070	Palumaru Pavan Kumar	P.Pavan	P.Pavan	P.Pavan	P.Pavan	P.Pavan	P.Pavan
19	21HC1R0071	P Venkata Sowjanya	P.Sowjanya	P.Sowjanya	P.Sowjanya	P.Sowjanya	P.Sowjanya	P.Sowjanya
20	21HC1R0072	P Jayanth Kumar Reddy	P.Jayanth	P.Jayanth	P.Jayanth	P.Jayanth	P.Jayanth	P.Jayanth
21	21HC1R0073	Pasam Puli Raju	P.Puliraju	P.Puliraju	P.Puliraju	P.Puliraju	P.Puliraju	P.Puliraju
22	21HC1R0074	Pasupula Chandrika	P.Chandrika	P.Chandrika	P.Chandrika	P.Chandrika	P.Chandrika	P.Chandrika
23	21HC1R0075	Pendekanti Ragavendra	P.Ragavendra	P.Ragavendra	P.Ragavendra	P.Ragavendra	P.Ragavendra	P.Ragavendra
24	21HC1R0076	Pinjari Kabeer Basha	P.Kabeer	P.Kabeer	P.Kabeer	P.Kabeer	P.Kabeer	P.Kabeer
25	21HC1R0077	Posam Dharma Teja Reddy	P.Dharma	P.Dharma	P.Dharma	P.Dharma	P.Dharma	P.Dharma
26	21HC1R0078	P Naga Jyosthna	P.Jyosthna	P.Jyosthna	P.Jyosthna	P.Jyosthna	P.Jyosthna	P.Jyosthna
27	21HC1R0079	P Naga Siva Santhosh	P.N.Santhosh	P.N.Santhosh	P.N.Santhosh	P.N.Santhosh	P.N.Santhosh	P.N.Santhosh
28	21HC1R0080	Rachala Radhika Devi	R.Radhika	R.Radhika	R.Radhika	R.Radhika	R.Radhika	R.Radhika
29	21HC1R0081	Ramathirtham Supraja	R.Supraja	R.Supraja	R.Supraja	R.Supraja	R.Supraja	R.Supraja
30	21HC1R0082	Ramisetty Padmavathi	R.Padmavathi	R.Padmavathi	R.Padmavathi	R.Padmavathi	R.Padmavathi	R.Padmavathi
31	21HC1R0083	Reddy Chethnika	R.Chethnika	R.Chethnika	R.Chethnika	R.Chethnika	R.Chethnika	R.Chethnika
32	21HC1R0084	Saddala Nithish Kumar	S.Nithish	S.Nithish	S.Nithish	S.Nithish	S.Nithish	S.Nithish
33	21HC1R0085	Sane Madhu Dheeraj	S.Madhu	S.Madhu	S.Madhu	S.Madhu	S.Madhu	S.Madhu
34	21HC1R0086	Sapuru Jithendra Shankar	S.Shankar	S.Shankar	S.Shankar	S.Shankar	S.Shankar	S.Shankar
35	21HC1R0087	Shaik Akbar Ali	S.AkbarAli	S.AkbarAli	S.AkbarAli	S.AkbarAli	S.AkbarAli	S.AkbarAli

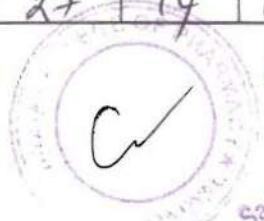

 Santthiram College of Pharmacy
 Hyderabad

SANTHIRAM COLLEGE OF PHARMACY (HC)

III B.Pharm II Sem

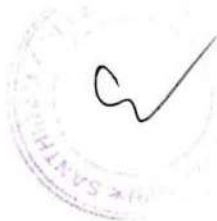
MID Examination Marks Statement

Name of Exam :-		II MID Examinations - July 2022				Date:- 06.07.2022			
Sub.Incharge :-		Dr. S. V. Suresh Kumar				SEC-A			
Name of Subject & Code:- Herbal Drug Technology (BP603T)									
S.No	Regd. No	Name of the Student	AWARD LIST						
			MID	Convert	CA	Grand Total	Remarks	Conversion	
			30 M	15M	(10M)	25 M		30	15
1	19HC1R0002	Allagadda Sravani	25	13	9	22		1	1
2	19HC1R0003	Andrajula Sumana	28	14	7	21		2	1
3	19HC1R0004	Arpugandla Sujatha	20	10	6	16		3	2
4	19HC1R0006	Atikeri Navya Sri	24	12	9	21		4	2
5	19HC1R0007	Avula Yamini	19	10	8	18		5	3
6	19HC1R0008	B Rishika	25	13	6	19		6	3
7	19HC1R0009	Baliya Meghana	25	13	10	23		7	4
8	19HC1R0010	Bhavanasi Sri Sai Charanika	24	12	6	18		8	4
9	19HC1R0011	Bhilavath Sujatha Bai	22	11	6	17		9	5
10	19HC1R0013	Bhumireddy Lakshmi Prasanna	28	14	10	24		10	5
11	19HC1R0014	Boreddy Keerthi Reddy	15	08	10	18		11	6
12	19HC1R0015	Buchaiahgaripalli Yamuna	23	12	8	20		12	6
13	19HC1R0017	Chekuri Swapnika	23	12	8	20		13	7
14	19HC1R0020	Chinthakunta Lakshmi Pujitha	22	11	6	17		14	7
15	19HC1R0023	D Reshma	19	10	8	18		15	8
16	19HC1R0024	Dambalam Dharani	22	11	8	19		16	8
17	19HC1R0027	Diddikati Jeevitha	20	10	7	17		17	9
18	19HC1R0029	Donthu Sowmya	23	12	8	20		18	9
19	19HC1R0030	Dudekula Ayesha	20	10	10	20		19	10
20	19HC1R0031	Dudekula Fareeda	24	12	6	18		20	10
21	19HC1R0035	Gajula Shaik Shaheen	24	12	8	20		21	11
22	19HC1R0037	Gonela Harshitha	27	14	10	24		22	11
23	19HC1R0038	Gooley Himaja	-AB	-AB	3	-3-		23	12
24	19HC1R0039	Guddepogu Sukanya	17	09	6	15		24	12
25	19HC1R0042	Jangam Yamuna Devi	26	13	8	21		25	13
26	19HC1R0046	Kamini Jyothi	22	11	10	21		26	13
27	19HC1R0047	Kanala Subba Lakshmi	27	14	10	24		27	14



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S.No	Regd. No	Name of the Student	AWARD LIST						
			MID	Convert	CA	Grand Total	Remarks	Conversion	
28	19HC1R0048	Karduvadi Sulochana	24	12	9	21		28	14
29	19HC1R0050	Katta Kalavathi	21	11	10	21		29	15
30	19HC1R0051	Kedem Srividya	24	12	9	21		30	15
31	19HC1R0053	Kodithem Sandya Rani	14	07	6	13			
32	19HC1R0057	Lingam Nitheesha	21	11	10	21			
33	19HC1R0058	M Dhakshayani	22	11	8	19			
34	19HC1R0060	Macharlla Ramya	20	10	10	20			
35	19HC1R0062	Mallem Mary Kiranmai	18	09	7	16			
36	19HC1R0066	Meka Naga Harshitha	28	14	9	23			
37	19HC1R0067	Mounika Yammani	25	13	10	23			
38	19HC1R0068	Mudiyam Nikitha	25	13	6	19			
39	19HC1R0071	Paluru Jahnvi	18	09	6	15			
40	19HC1R0072	Panditi Kalyani	14	07	8	15			
41	19HC1R0073	Pasula Sujala	AB	AB	3	03			
42	19HC1R0075	Pathima Swapna	25	13	10	23			
43	19HC1R0076	Pera Poojitha	14	07	8	15			
44	19HC1R0077	Pikkili Indu Priya	23	12	10	22			
45	19HC1R0078	Ponnapuram Naga Sumithra	24	12	9	21			
Total No. of Students:			45						
Present :			45						
Absent :			NIL						
Name of Sub. Incharge			Sign of Sub. Incharge						
1	Dr. G.V. Suresh Kumar		Su						



Handwritten signature in green ink.

Stamp: Sri Venkateswara University, Tirumala, with handwritten text below it.

SANTHIRAM COLLEGE OF PHARMACY
CONTINUOUS ASSESSMENT MODE Marks Distribution

B. PHARMACY III YEAR II SEM SEC-A

subject Name: Herbal Drug Technology

Name of the Staff: Dr. S.V. Suresh Kumar

S. No	Regd No	Student Name	Mid-II (Theory)					Mid-II (Lab)			
			% Atten.	Atten. (4M)	Acad. (3M)	Interaction (3M)	Total (10M)	% Atten.	Atten. (2M)	Record, viva etc. (3M)	Total (5M)
1	19HC1R0002	Allagadda Sravani	90.48	3	3	3	09	100	2	2.5	5
2	19HC1R0003	Andrajula Sumana	80.95	1	3	3	07	100	2	2.6	5
3	19HC1R0004	Arpugandla Sujatha	76.19	0	3	3	06	100	2	2.6	5
4	19HC1R0006	Atikeri Navya Sri	90.48	3	3	3	09	100	2	2.4	4
5	19HC1R0007	Avula Yamini	85.71	2	3	3	08	100	2	2.2	4
6	19HC1R0008	B Rishika	71.43	0	3	3	06	100	2	2.5	5
7	19HC1R0009	Balija Meghana	95.24	4	3	3	10	100	2	2.4	4
8	19HC1R0010	B Sri Sai Charanika	61.9	0	3	3	06	100	2	2.6	5
9	19HC1R0011	Bhilavath Sujatha Bai	76.19	0	3	3	06	100	2	2.6	5
10	19HC1R0013	B Lakshmi Prasanna	95.24	4	3	3	10	100	2	2.8	5
11	19HC1R0014	Boreddy Keerthi Reddy	95.24	4	3	3	10	100	2	2.6	5
12	19HC1R0015	Buchalaingaripalli Yamuna	85.71	2	3	3	08	100	2	2	4
13	19HC1R0017	Chekuri Swapnika	85.71	2	3	3	08	100	2	2.6	5
14	19HC1R0020	C Lakshmi Pujitha	71.43	0	3	3	06	80	0.5	2.6	3
15	19HC1R0023	D Reshma	85.71	2	3	3	08	100	2	2.6	5
16	19HC1R0024	Dambalam Dharani	85.71	2	3	3	08	80	0.5	1.8	2
17	19HC1R0027	Diddikati Jeevitha	80.95	1	3	3	07	100	2	2.4	4
18	19HC1R0029	Donthu Sowmya	85.71	2	3	3	08	100	2	2.4	4
19	19HC1R0030	Dudekula Ayesha	95.24	4	3	3	10	100	2	2.4	4
20	19HC1R0031	Dudekula Fareeda	76.19	0	3	3	06	100	2	2.4	4
21	19HC1R0035	Gajula Shaik Shaheen	85.71	2	3	3	08	100	2	2.4	4
22	19HC1R0037	Gonela Harshitha	100	4	3	3	10	100	2	3	5
23	19HC1R0038	Gooley Himaja	9.52	0	0	2	02	0	0	0	0
24	19HC1R0039	Guddepogu Sukanya	76.19	0	3	3	06	83.3	0.5	1.2	2
25	19HC1R0042	Jangam Yamuna Devi	85.71	2	3	3	08	83.3	0.5	1.8	2
26	19HC1R0046	Kamini Jyothi	95.24	4	3	3	10	100	2	2.2	4
27	19HC1R0047	Kanala Subba Lakshmi	100	4	3	3	10	100	2	3	5
28	19HC1R0048	Karduvadi Sulochana	90.48	3	3	3	09	100	2	2.1	4
29	19HC1R0050	Katta Kalavathi	95.24	4	3	3	10	100	2	2.3	4
30	19HC1R0051	Kedem Srividya	90.48	3	3	3	09	83.3	0.5	2.6	3

S.V. Suresh Kumar
Santhiram College of Pharmacy
NH-10, NARAYAL

S. No	Regd No	Student Name	Mid-II (Theory)					Mid-II (Lab)			Total
			% Atten.	Atten. (4M)	Acad. (3M)	Interaction (3M)	Total (10M)	% Atten.	Atten. (2M)	Record, viva etc. (3M)	
31	19HC1R0053	Kodithem Sandya Rani	76.19	0	3	3	06	83.3	0.5	2	3
32	19HC1R0057	Lingam Nitheesha	95.24	4	3	3	10	100	2	2.2	4
33	19HC1R0058	M Dhakshayani	85.71	2	3	3	08	83.3	0.5	2.8	3.8
34	19HC1R0060	Macharlla Ramya	95.24	4	3	3	10	100	2	2.8	5
35	19HC1R0062	Mallem Mary Kiranmai	80.95	1	3	3	07	100	2	2.7	5
36	19HC1R0066	Meka Naga Harshitha	90.48	3	3	3	09	100	2	2.4	4
37	19HC1R0067	Mounika Yammani	95.24	4	3	3	10	100	2	2.7	5
38	19HC1R0068	Mudiyam Nikitha	71.43	0	3	3	06	83.3	0.5	1.4	2
39	19HC1R0071	Paluru Jahnavi	76.19	0	3	3	06	100	2	2.6	5
40	19HC1R0072	Panditi Kalyani	85.71	2	3	3	08	100	2	2.6	5
41	19HC1R0073	Pasula Sujala	0	0	0	2	02	0	0	0	0
42	19HC1R0075	Pathima Swapna	95.24	4	3	3	10	100	2	2.4	4
43	19HC1R0076	Pera Poojitha	85.71	2	3	3	08	83.3	0.5	2.2	3
44	19HC1R0077	Pikkili Indu Priya	95.24	4	3	3	10	100	2	2.3	4
45	19HC1R0078	P Naga Sumithra	90.48	3	3	3	09	100	2	2.8	5

Sign. of Sub. I/C

Sign. of HOD

PRINCIPAL

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

Theory	% of Attendance	95-100	90-94	85-89	80-84	Less than 80
		4	3	2	1	0

3	% of Attendance	95-100	90-94	85-89	80-84	Less than 80
		2	1.5	1	0.5	0



Principal
Santhiram College of Pharmacy
NH-45
Nellore

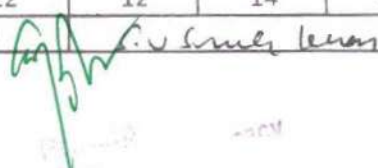

SANTHIRAM COLLEGE OF PHARMACY (HC)

Subject wise Mid Marks Statement of III B.Pharm II Sem (Sec-A) AY::2021-22

Name of Subject & Code:- Herbal Drug Technology (BP603T & BP609P)

S.No	Regd. No	Name of the Student	Theory			LAB		
			I Mid	II Mid	Avg	I Mid	II Mid	Avg
1	19HC1R0002	Allagadda Sravani	18	22	20	14	14	14
2	19HC1R0003	Andrajula Sumana	21	21	21	14	14	14
3	19HC1R0004	Arpugandla Sujatha	18	16	17	9	13	11
4	19HC1R0006	Atikeri Navya Sri	17	21	19	12	12	12
5	19HC1R0007	Avula Yamini	16	18	17	12	12	12
6	19HC1R0008	B Rishika	20	19	20	14	14	14
7	19HC1R0009	Baliya Meghana	21	23	22	14	13	14
8	19HC1R0010	Bhavanasi Sri Sai Charanika	17	18	18	14	14	14
9	19HC1R0011	Bhilavath Sujatha Bai	15	17	16	10	13	12
10	19HC1R0013	Bhumireddy Lakshmi Prasanna	24	24	24	14	14	14
11	19HC1R0014	Boreddy Keerthi Reddy	14	18	16	9	12	11
12	19HC1R0015	Buchaiyahgaripalli Yamuna	19	20	20	11	11	11
13	19HC1R0017	Chekuri Swapnika	19	20	20	12	13	13
14	19HC1R0020	Chinthakunta Lakshmi Pujitha	17	17	17	12	12	12
15	19HC1R0023	D Reshma	17	18	18	11	14	13
16	19HC1R0024	Dambalam Dharani	20	19	20	12	10	11
17	19HC1R0027	Diddikati Jeevitha	17	17	17	11	11	11
18	19HC1R0029	Donthu Sowmya	21	20	21	13	12	13
19	19HC1R0030	Dudekula Ayesha	18	20	19	12	12	12
20	19HC1R0031	Dudekula Fareeda	19	18	19	10	11	11
21	19HC1R0035	Gajula Shaik Shaheen	19	20	20	14	12	13
22	19HC1R0037	Gonela Harshitha	24	24	24	14	15	15
23	19HC1R0038	Gooley Himaja	12	3	8	7	0	4
24	19HC1R0039	Guddepogu Sukanya	15	15	15	10	9	10
25	19HC1R0042	Jangam Yamuna Devi	19	21	20	12	10	11
26	19HC1R0046	Kamini Jyothi	15	21	18	11	13	12
27	19HC1R0047	Kanala Subba Lakshmi	24	24	24	14	15	15
28	19HC1R0048	Karduvadi Sulochana	20	21	21	13	12	13
29	19HC1R0050	Katta Kalavathi	20	21	21	12	12	12
30	19HC1R0051	Kedem Srividya	20	21	21	11	11	11
31	19HC1R0053	Kodithem Sandya Rani	17	13	15	9	9	9
32	19HC1R0057	Lingam Nitheesha	17	21	19	12	12	12
33	19HC1R0058	M Dhakshayani	15	19	17	8	10	9
34	19HC1R0060	Macharlla Ramya	17	20	19	11	13	12
35	19HC1R0062	Mallem Mary Kiranmai	16	16	16	10	13	12
36	19HC1R0066	Meka Naga Harshitha	18	23	21	13	13	13
37	19HC1R0067	Mounika Yammani	22	23	23	15	14	15
38	19HC1R0068	Mudiyam Nikitha	19	19	19	13	10	12
39	19HC1R0071	Paluru Jahnvi	16	15	16	11	13	12
40	19HC1R0072	Panditi Kalyani	13	15	14	8	13	11
41	19HC1R0073	Pasula Sujala	2	3	3	6	0	3
42	19HC1R0075	Pathima Swapna	18	23	21	11	12	12
43	19HC1R0076	Pera Poojitha	11	15	13	11	10	11
44	19HC1R0077	Pikkili Indu Priya	18	22	20	11	12	12
45	19HC1R0078	Ponnapuram Naga Sumithra	22	21	22	12	14	13

SIGNATURE OF SUBJECT INCHARGE



MAIN ANSWER BOOK

COURSE : Pharmacy
 YEAR & SEM : 1st Year, 1st Sem
 NAME OF THE EXAM : MID-EXAM - II
 SUBJECT NAME : Herbal-Drug-Technology
 SUBJECT CODE : BP6031

NAME OF THE STUDENT: P. Naga Senthilra
 HALL TICKET NUMBER: 19HC1R0078

Signature of the Student with date: P. Senthilra 4/12

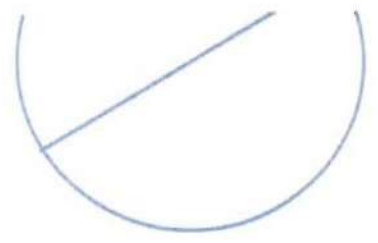
Signature of the Invigilator with date: [Signature]

FOR EXAMINER'S AWARD ONLY

Q.No	A	B	C	D	E	Total
1	8					
2	8					
3						
4						
5						
GRAND TOTAL						<u>24</u>

- 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
 LIBRARY DIGIT
 SECOND DIGIT
 Principal
 100



1. a) WHO :- World Health Organisation

ICM :- International Conference on Harmonisation

b) Bio-Piracy :-
Bio-piracy is the commercial exploitation of biologically occurring biomolecules or genetic molecule.
Bio-piracy is termed as abusing of natural substances for their special benefits.
Indigenous people know the constituents of particular plant species.

c) Plant Breeders Right :-

It is the legal rights given by the authority central government to the breeder that is original of new variety plant.

This plant breeder right given to him as he developed the new plant with more special characters that are new, different and useful for therapeutic & medicinal purpose.
He can sow, sale, the seeds and plants until certain period of time.

d) ASU DCC

Ayurveda Siddha Chari Drug Control Committee.

This ASU DCC has rights to advise the central, state & ASU DAB to secure the uniformity among all the individuals constitute.



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It should give the manufacturer's name of manufacturer and type of procedure followed.

- If also contain the name of manufacturer
- Batch number and date of preparation.
- Records should be maintained properly in order to avoid the mistakes & to keep check when any error occur.

Health And Hygiene -

- It is one of the most important factor to be consider during manufacturing of Drug.
- Person should be healthy without any disease such as skin disease or rash.
- If the person is unhealthy then definitely the preparation get contaminated.
- Hence during preparation of Drug people case should be taken like wearing gloves, Dress, and Hair cover in order to avoid the risks.
- As the medicine are taken by the humans they may cause ill health if contaminated producing adverse effects rather than therapeutic activity.

Location and Surroundings:

- The Pharmaceutical Industry should built outside the city at open fields where no contamination occur.
- The outside place should be clean and neat such that no foreign particle can enter the formulation.
- If any waste water or any other garbage are present then the antibiotic should come which gets mix with the preparation.



- So location during construction of building is mandatory.
- Surrounding should be kept clean such that dust particles should not affect the preparation.

Building:-

- The Building should be strong such that no grading occur.
- No bad gases are present in the walls where entry of air & pathogen can occur.
- Moist conditions on building wall are not present which may cause development of moss, algae which are harmful.
- Flooring should be clean and sealed properly such that no rodents and rats are allowed to enter into the manufacturing area.
- Floor should be cleaned with disinfectants to kill minute microorganisms.

PART C

ASU DTAB :- Ayurveda Siddha Unani Drug Technical Advisory Board.

- It is a committee organized to advise the state and central government on technical matters.
- ASU DTAB can solve the problems arises on technical matters.

ASU DTAB on technical matters. ASU DTAB Constitution Member:- Director of General Health Services.



- The first Subcommittee evaluates the Drugs.
- The second Subcommittee makes the model of
- The third Subcommittee tests the shelf life of
- The fifth Subcommittee

Subcommittees of ASU-DTAB:-

- No one has the right to change the laws by their own.
- The Records should attend to the committee/constitution and maintain
- Every person of the usage of drug.
- Any drugs found suspicious then ASU+DTAB take part
- Any drugs discovered such as ayurveda, Siddha, Unani
- Providing information regarding any newly
- Amendment of new rules.
- Advicing the state and Central Government on Technical matters.

Protocols of ASU DTAB:-

- 6. 1 Teacher from Gunapadam Research Institute of
- 7. 11 members from
- proprietary medicine.



SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

ADDITIONAL SHEET

HALL TICKET No. 194C1R0078

5) Bleaching Agents :-

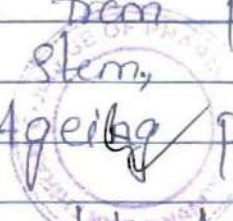
- Bleaching Agents are the compounds which are used to remove the pigmentation of skin.
- Pigmentation is due to Melanocytosis and Melanosis.
- Melanocytosis - Increased amount of melanocytes.
- Melanosis - Increased secretion of melanin which cause black coloring of skin.
- Bleaching Agents are also called as depigmenting agents.
- They are also called hydrocolloids.
- Hydrocolloids are organic carboxylic acids which contain ester of long chain fatty acids.
- Hydrocolloids are high molecular weight compounds.
- There are 2 types of hydrocolloids, They are
 1. AHA - α -hydroxy acids.
 2. BHA - Butylated hydroxy acids.

AHA :- It is α -hydroxy alcohol, these are aliphatic compounds.

- these are of plants origin.
- These are obtained from plant parts like leaves, roots, shoots, stem.
- They have anti-ageing property.

Eg:- Lactic Acid, Mandelic Acid, Citric Acid

1. Lactic Acid



Principal
Santhiram College of Pharmacy
Nandyal

Sardar Vallabhbhai Patel
College of Pharmacy
NH-40, NANDYAL

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→ Bleaching agents mainly used in ~~cosmetics~~ face creams, lotions, Body lotion. Such as

→ These are used in sunscreen lotion which prevents the skin from sun burn etc.



SANTHIRAM COLLEGE OF PHARMACY (HC)

I Pharm D -I MID

Attendance & Marks Award Statement

ame of Exam :-	I MID Examinations - May-2022	Date:- 16.05.2022
ame of Sub.Incharge :-	Ms. S. Sumiya	Max Marks.-30 M

ame of Subject & Code:- Human Anatomy and Physiology(17T00101)

S.No	Reg. No	Student Name	Mid. Exam Signature	Mid Marks (30 M)	Remarks
1	21HCIT0001	AKUMALLA GOWTHAM	A.Gowtham	25	
2	21HCIT0002	ALAVALA LAKSHMI LAHARI	A.Lahari	28	Adahari
3	21HCIT0003	ANAKALA DINESH KUMAR	A.Dinesh Kumar	26	Asik
4	21HCIT0004	AVULA SUSHMITHA YADAV	Sushmita.A	26	Sushmita A
5	21HCIT0005	BACHUPATI VASAVI LATHA	B.Vasavilatha	27	B.Vasavi
6	21HCIT0006	BUTHA NANDINI	Nandini.B	27	Nandini
7	21HCIT0007	CHAKALI VANDANA	C.vandana	25	C.vandana
8	21HCIT0008	CHEEDELLA SAI DARSHITHA	C.Sai Darshitha	25	C.Sai Darshitha
9	21HCIT0009	CHENNA VARALAKSHMI	C.Varalakshmi	27	C.Varalakshmi
10	21HCIT0010	DANDE SHIVA KUMAR	D.shiva kumar	29	D.Shiva Kumar
11	21HCIT0011	DUDYALA NANDINI	D.Nandini	27	D.Nandini
12	21HCIT0012	GULAPALYAM SWATHI	Swathi	28	Swathi
13	21HCIT0013	INJETI KIRAN	I.Kirany	25	I.Kirany
14	21HCIT0014	KORISSETY APARNA	Aparna.K	27	
15	21HCIT0015	M DAISY JOYCE SHARON	M.Daisy	28	
16	21HCIT0016	MUSANI MAHITHA REDDY	M.Mahitha Reddy	27	
17	21HCIT0017	N MEGHASYAM RATHOD	N.Meghasyam Rathod	23	Rathod
18	21HCIT0018	RACHAPALLI HARSHITHA	R.Harshitha	21	
19	21HCIT0019	RANGU NAGASAI SINDHUJA	R.Nagasai Sindhuja	26	Rangasai Sindhuja
20	21HCIT0020	REGATI PUJITHA REDDY	R.Pujitha Reddy	23	R.Pujitha Reddy
21	21HCIT0021	SEGU LALITHA	S.Lalitha	24	
22	21HCIT0022	SHAIK ABDUL SAMEER	S.Abdul sameer	22	Sameer
23	21HCIT0023	SHAIK AMEER BASHA	Sk.Ameer Basha	28	Sk.Ameer Basha
24	21HCIT0024	SRIRAM HARI PRAMEELA	S.Hari Prameela	27	
25	21HCIT0025	SUNKESULA VARUN TEJA	S.Varun Teja	25	
26	21HCIT0026	THAMMISSETY NIKHIL	T.Nikhil	27	Nikhil
27	21HCIT0027	TUMU RAJESWARI	T.Rajeswari	26	T.Rajeswari
28	21HCIT0028	UDARA NAVEEN	U.Naveen	21	U.Naveen
29	21HCIT0029	VADUGURI ANIL	V.Anil	28	V.Anil
30	21HCIT0030	VANNAM PRIYANKA	V.Priyanka	28	V.Priyanka
31	21HCIT0031	VIJAY KUMAR NAIK B	Vijay Kumar B	26	Vijay Kumar B

Total No. of Students:

31

Present :

31

Absent :

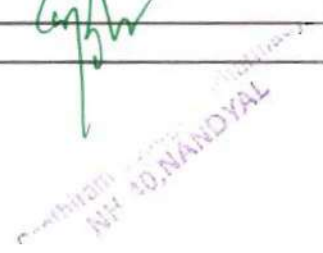
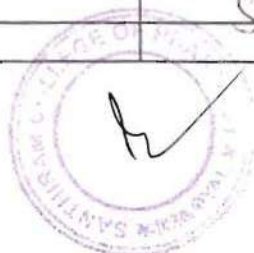
Nil

Name & Signature of Invigilator(s)

Name & Sign of Subject Incharge

G. Narasimha Rao
K. Sampath Kumar

S. Sumiya
Jeeva





(College Code: HC)

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapuramu

NH - 40, Nandyal, Kurnool District, Andhra Pradesh - 518501

Email: srecp07hc@gmail.com ; Mobile: 9866308468

MAIN ANSWER BOOK

COURSE : Phar.M.D
 YEAR & SEM : 1st Year
 NAME OF THE EXAM : 1st mid theory
 SUBJECT NAME : Human anatomy
 SUBJECT CODE : 17T00101

NAME OF THE STUDENT:

A. Dinesh Kumar

HALL TICKET NUMBER

21HC1T0003

A. Dinesh Kumar 16/5/22

Signature of the Student with date

[Signature]
16/5/22

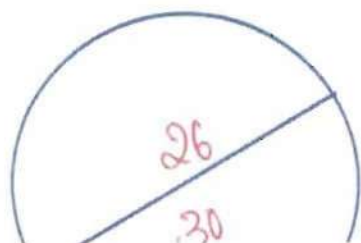
Signature of the Invigilator with date

FOR EXAMINER'S AWARD ONLY

Q.No	A	B	C	D	E	Total
1	2	2	2	2		8
2						
3						
4						9
5						9
						26
OBJ		SUB				
GRAND TOTAL						26

INSTRUCTIONS TO STUDENTS

1. Before you begin to answer fill in the particulars of year, subject and H.T. No. failing which the script will not be valued.
2. No loose sheets or paper will be allowed into the examination hall and no paper must be detached from the answer book.
3. Write answer legibly on both sides of the page. The question numbers are to be carefully indicated.
4. All the rough work must be done at the last page noting rough work.
5. Additional answer books used, if any, should be carefully fastened to the main answer book by obtaining thread from the invigilator.
6. 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

Two

SECOND DIGIT

Six

[Signature]
SANTHIRAM COLLEGE OF PHARMACY
NANDYAL



- * Tube like Tendon sheet.
 - * Nerve and blood supply of synovial joint are extensive.
 - * presence of articular capsule.
 - * presence of articular cartilage.
- Characteristics of Tendon: Synovial Joint:-**
- All the synovial joints are diarthrosis.

Synovial Joint:- The synovial joint between the bone is called as synovial joint.

Classification diarthrosis

2. Functional diarthrosis: imovable of joint

synovial joints and united by synovial joints

cartilage joints bones are held together by synovial joints and cartilage

synovial joints and cartilage joints

by fibrous connective tissue

by fibrous connective tissue

Classification

1. Structural: Fibrous joints and synovial joints and f. sy

2. Functional: About joint

Sub types of joints

Classification of Joints

A joint of defined as a human and animal of this two parts of the skeletal to fitted together.

Joint:-

Syno Joints Shape Movement Rotation Examples

1. Hinge Joint
 Flat (or) Curved
 Flexion
 Non-axial
 Intercapals, Integ-tegals, Sternum-coastal, Vertebra-coastal.

2. Pivot Joint
 Concave to convex flexion, Mono axial
 ankle, elbow, knee
 Joint to convex extensive

3. Hip joint
 Concave to convex abduction Mono axial
 Radio nuclear blu
 Thumb.

4. Condyless joint
 abduction, flexion, extensive
 bi axial

5. Sellar joint
 Circum-station
 abduction, flexion, extensive, Circumstation
 Shoulder joints and hip joint

Appendicular Skeleton

The shoulder of consists shoulder girdle with upper limb and the pelvis of girdle with lower limb.
 The shoulder consists of 2 parts:-
 1. Clavicle
 2. Scapula

1. Clavicle:-

They are clavicles of 2 (collar bones) and scapula has 2 [Shoulder blade]

1. Clavicle:-

The clavicle of a collar bones and shoulder girdle with limbs of the distal end of joints.



Scythram 40, NANNAN
 Southam 40, NANNAN

Upper limb of consists :-

They are :-

1. 2 - humerus
2. 2 - ulna
3. 2 - radius
4. 8 - carpals
5. 5 - meta carpals
6. 14 - phalanges

1. Humerus :-

→ The humerus of the distal end of bones and the muscle of attached to the bone.

→ This consists of upper limb of end clavicles of the shoulder

girdle.

→ These are consisting of the pelvis with attachment of ulna and radius.

2. Ulna and radius :-

→ These are 2 bones of fore arm.

→ The fore arm with the radius and ulna forearm

→ Ulna is larger than the radius.

→ The ulna and radius of joints supportive functional of carpals.

4. Carpals :-

→ These 8 carpals of in 2 rows.

→ One row is proximal and another one is distal row.

→ proximal row of 4 consists bones - scaphoid, lunate, triquetrum, and pisiform.

→ Distal row of 4 consists bones - trapezium, trapezoid,

capitate, lunate.

5. Metacarpals :-

→ The 5 metacarpals of the upper limb of 3 in each fingers and 2 in thumb.

→ These are metacarpals forms the body parts of the humerus.

→ There are carpals like substance of humerus and repetitive.

6. Phalanges :-

→ These are 14 phalanges are some disease design to the hand facing



Lower limb of consists:-
They are:-

- 1. 1 - fibular.
- 2. 1 - Tibia
- 3. 1 - Femur
- 4. 7 - Tarsals
- 5. 5 - Meta tarsals
- 6. 14 - phalanges.

1. Fibular:-

→ These are fibular joint of limbs consists under the pelvic region side of the fibular.

→ They are tibia of the movement a side to the articulating the tibia.

2. Tibia:-

→ Tibia is a shine bone.

→ It consists of of shine bone and around the fibula joint and with tibia form the femur.

→ These are pelvis girdles with region of out side form the tibia and femur.

3. Femur:-

→ It consists a long bone of the laterally the femur a side to side are attached to the femur.

→ They are tibia and fibular of the consisting the femur as known the rest in tarsals.

→ They formed one lower limb of pelvic girdle in femur and tarsals.

4. Tarsals:-

→ These are 7 tarsals contain the leg of lower the leg.

→ Tarsals are occurred with articulating the tarsals and fibula of the around its meta tarsals.

→ They are attached in knee joints to the tarsals.

→ If tarsals are articulating with a normal body of skeleton in

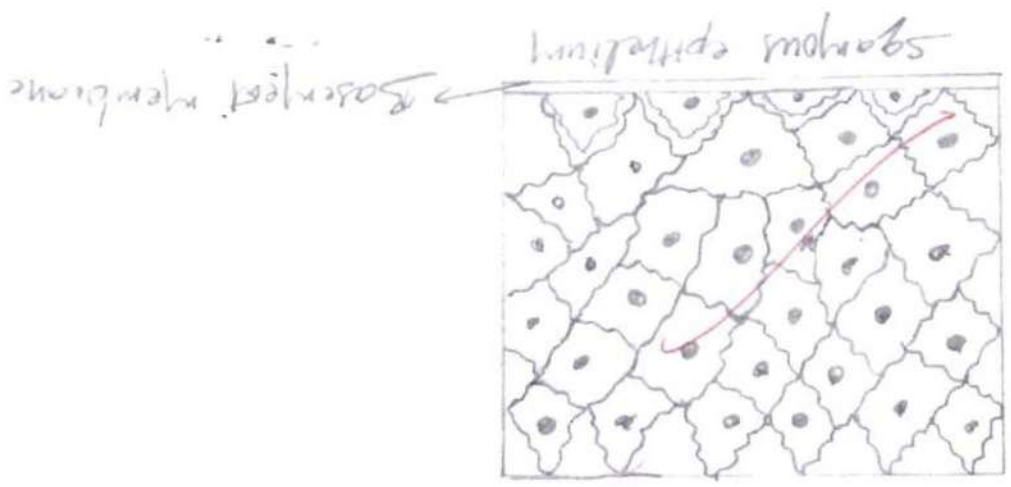


Santhiram College of Pharmacy
100 ANANDAPURAM



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→ It is composed of a single layer of membrane.
 → These are extremely very differentiated easily occurred.
 → These are anatomical position (with the palm of lymph nodes and lymphocytes).
 → There are structure of squamous epithelium of tissue in connective tissue.
 → These are includes have blood vessels, lymph vessels and also alcohol of lungs.



A group of cells that have similar structure to organisms together as a unit.

Q. Tissue:-

→ The 5 meta-tarsals of bones in the knee joint.
 → These are composed of tarsals in the articulate ~~the~~ with phalanges are meta-tarsals occupy by carpals.
 → Meta carpals of forms the carpals bones in knee joint occurs only.
 6. Phalanges:-
 → The 14 phalanges are some substances like with ~~other~~ bones and ankle joint.
 → Phalanges are ankle joints of bones are ~~thats~~ the lower part of body.



b. Glial cells:-

These glial cells are defined as the nervous cell of body attached to the neurons of Schwann's cells. There are 4 types of cells:-

1. Astrocytes.
2. Oligodendrocytes.
3. ~~epi~~ ependyma
- 4.

d. "Radius and ulna" :-

→ These are 2 bones of fore arm.
→ The fore arm with the radius and ulna.
→ ulna is longer than the radius.
→ The ulna and radius of joints. Supportive functional of articulates of the ends of joints.

c. Function of Vertebral Column:-

→ The vertebral column were associated with each other vertebrate's occurs
→ It is vertebral column only distinctive function.
→ This occurred easily together to the around its flexible.



Principal
Signature

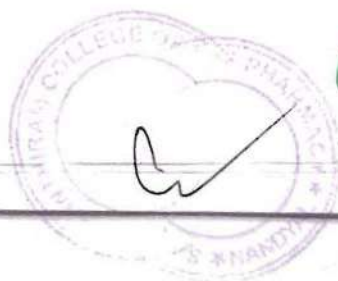


SANTHIRAM COLLEGE OF PHARMACY (HC)

M.Pharm I Sem

Attendance & Marks Statement

Name of Exam :-		I MID Examinations March - 2022		Date:- 24.03.2022	
Subject Incharge :-		Dr. P. Praveen Kumar		Dept: Pharmacology	
Name of Subject & Code:- Cellular and Molecular Pharmacology(21S01104)					
S.No	Reg.No	Name of the Student	Signature of Student	Marks 30 (M)	Remarks
1	21HC1S0101	BACHANAGARI NAUSHEEN	B.Nausheen	26	Nausheen
2	21HC1S0102	BAKA BHARATH	B.Bharath	24	Bharath
3	21HC1S0103	CHENNAM SETTY YASWANTH KUMAR	C.Yaswanth	26	C.Yaswanth
4	21HC1S0104	DASARI THARANI	D.Tharani	19	D.Tharani
5	21HC1S0105	MIDTHURI PRAISY GLADYS	P.Praisyl	26	P.Praisyl
6	21HC1S0106	N SAI BHAVANA	N.Sai Bhavana	25	N.Sai Bhavana
7	21HC1S0107	RAYALACHERUVU RAM BABU	R.Ram Babu	17	
8	21HC1S0108	TALLAPALLI PARTHA SARADHI	T.pardhasaradhi	23	T.pardhu
9	21HC1S0109	TIRUPATI BALAJI RAO	T.Balaji Rao	23/21	T.Balaji Rao
10	21HC1S0110	VEMULAPATI PAVANI	V.pavani	26	V.pavani
11	21HC1S0111	Y SAI LAKSHMI	Y.Sailakshmi	27	Y.Sai
Total No. of Students:			11		
Present :			* 11		
Absent :			NIL		
Sign of Invigilator(s)			Name & Sign of Subject Incharge		
P. Praveen Kumar 24/3/22			C.P.K. 24.3.22		



Signature

SANTHIRAM COLLEGE OF PHARMACY (HC)

M.Pharm I Sem (R21)-Pjarmacology-Subject Wise Mid Marks Statement

Name of Subject & Code:- Cellular and Molecular Pharmacology (21S01104)

S. No	Reg.No	Name of the Student	Online		Offline		I Mid	II Mid	Max of 2 mid's	Min of 2 mid's	80%	20%	Total	Round up value = 0	Round figure
			I MID	II MID	I - Mid	II- Mid									
1	21HC1S0101	BACHANAGARI NAUSHEEN	8	10	26	25	34	35	35	34	28	6.8	34.8	0	35
2	21HC1S0102	BAKA BHARATH	10	10	24	18	34	28	34	28	27.2	5.6	32.8	0	33
3	21HC1S0103	C SETTY YASWANATH KUMAR	9	7	26	18	35	25	35	25	28	5	33	0	33
4	21HC1S0104	DASARI THARANI	10	10	19	18	29	28	29	28	23.2	5.6	28.8	0	29
5	21HC1S0105	MIDTHURI PRAISY GLADYS	10	10	26	24	36	34	36	34	28.8	6.8	35.6	0	36
6	21HC1S0106	N SAI BHAVANA	10	10	25	24	35	34	35	34	28	6.8	34.8	0	35
7	21HC1S0107	RAYALACHERUVU RAM BABU	10	6	17	16	27	22	27	22	21.6	4.4	26	0	26
8	21HC1S0108	TALLAPALLI PARTHA SARADHI	10	10	23	21	33	31	33	31	26.4	6.2	32.6	0	33
9	21HC1S0109	TIRUPATI BALAJI RAO	10	8	21	16	31	24	31	24	24.8	4.8	29.6	0	30
10	21HC1S0110	VEMULAPATI PAVANI	10	10	26	21	36	31	36	31	28.8	6.2	35	0	35
11	21HC1S0111	Y SAI LAKSHMI	10	10	27	21	37	31	37	31	29.6	6.2	35.8	0	36

Sign of Staff



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapuramu
NH - 40, Nandyal, Kurnool District, Andhra Pradesh - 518501
Email: srecp07he@gmail.com ; Mobile: 9866308468

MAIN ANSWER BOOK

COURSE : M. Pharmacy
YEAR & SEM : Ist year - Ist sem
NAME OF THE EXAM : Mid exam - I
SUBJECT NAME : Cellular & Molecular pharmacology
SUBJECT CODE : 21501104

NAME OF THE STUDENT: B. Bharath
HALL TICKET NUMBER

2	1	M	C	1	5	0	1	0	2
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M
2/3/22

B. Bharath 24-03-22
Signature of the Student with date

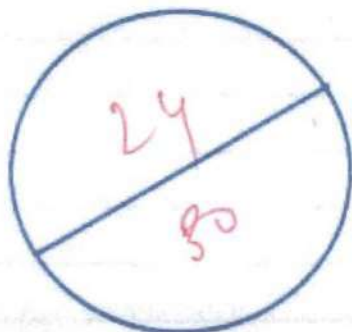
Signature of the Invigilator with date

FOR EXAMINER'S AWARD ONLY

Q.No	A	B	C	D	E	Total
1						8
2						4
3						8
4						
5						
OBJ						
SUB						
GRAND TOTAL						24

INSTRUCTIONS TO STUDENTS

1. Before you begin to answer fill in the particulars of year, subject and H.T. No. failing which the script will not be valued.
2. No loose sheets or paper will be allowed into the examination hall and no paper must be detached from the answer book.
3. Write answer legibly on both sides of the page. The question numbers are to be carefully indicated.
4. All the rough work must be done at the last page noting rough work.
5. Additional answer books used, if any, should be carefully fastened to the main answer book by obtaining thread from the invigilator.
6. 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
Two	four

C. Anjan
Signature of the Examiner with date

The apoptosis is also called as programmed cell death. (This apoptosis mechanism) there are over 100 billion cells that takes place in a day. The apoptosis is not only helpful in the maintenance of hemostasis but also in the development of an organism and to destroy the infected cells etc...

In the apoptosis the following steps takes place

- > Removal chromatin
- > The shrinkage of the cell
- > The formation of blebbing.
- The blebs means these are the small cellular fragments which are spherical in shape and are covered with membrane.
- The outer membrane of the blebs consist of phospholipid molecule that is phosphatidylserine which sends the signals like "eat me signals". These signals are received by the macrophages and they engulf the blebs and degrade them.
- The apoptosis has 2 mechanisms
- > Intrinsic pathway
- > Extrinsic pathway.

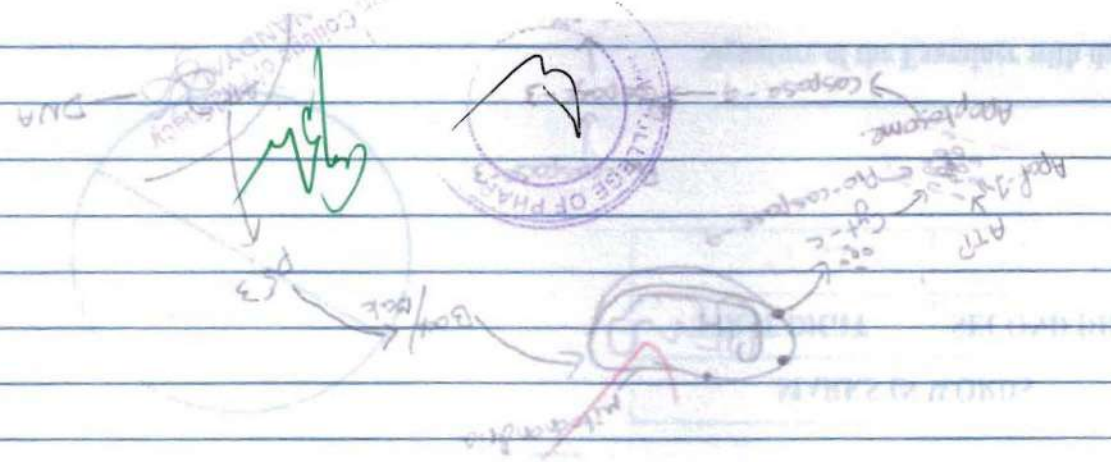
These both pathways are caspase cascade dependant classic path

ways.

1. Intrinsic pathway:

This pathway is also called as mitochondrial pathway. In this there is some of the proteins which helps in the apoptosis belong to Bcl-2 family.

- > Anti-apoptotic Bcl-2 family - Bcl-2, Bcl-X_L
- > Pro-apoptotic Bcl-2 family - Bax, Bak
- > Pro-apoptotic Bcl-2 only family - Bid, Bim, Noxa, Puma



When the cell undergoes any harmful conditions like exposed to radiation, lack of glucose etc.

The DNA is get damaged by the damaged DNA it produces signals like ATM to the protein p53.

This p53 protein activates the Bax/Bak. These Bax/Bak are pro-apoptotic proteins which forms pores on the mitochondria.

By the formation of mitochondrial pores the cytochrome c which is present in the outer side of the inner membrane is get leak into the cytoplasm.

The cytochrome c, ATP, Apaf-1 and pro-caspase-9 together forms as a "apoptosome".

The apoptosome which activates the caspase-9. This caspase-9 activates the pro-caspase-3 to active caspase-3.

These caspase-3 activate the endonuclease (caspase DNAse) which is connected to its inhibitor it is released.

This DNAse degrades the nucleus chromatin and then formation of kinks and they are eaten by the macrophages.

Extrinsic Pathway:

This pathway is based on the receptor-ligand interaction. The signals comes from out side of the cell.

ligands

Fas

Fas-receptor.

TNF- α

TNF-receptor.

When these ligands bind to their specific receptors there is formation of specific death domain which are intran activate the caspase cascade downward and lead to apoptosis.

Mechanism:

When the Fas ligand is get attached to the Fas-receptors there is activation of Fas death domain (FADD). The FADD activates the caspase-8 to active caspase-8. This active caspase-8 converts the pro-caspase-3 to active caspase-3. This leads to apoptosis by activating endonuclease.

Cross-linking pathway:

When the caspase-8 is get activated is exchange preferred

also gets converts the F1d into F2d

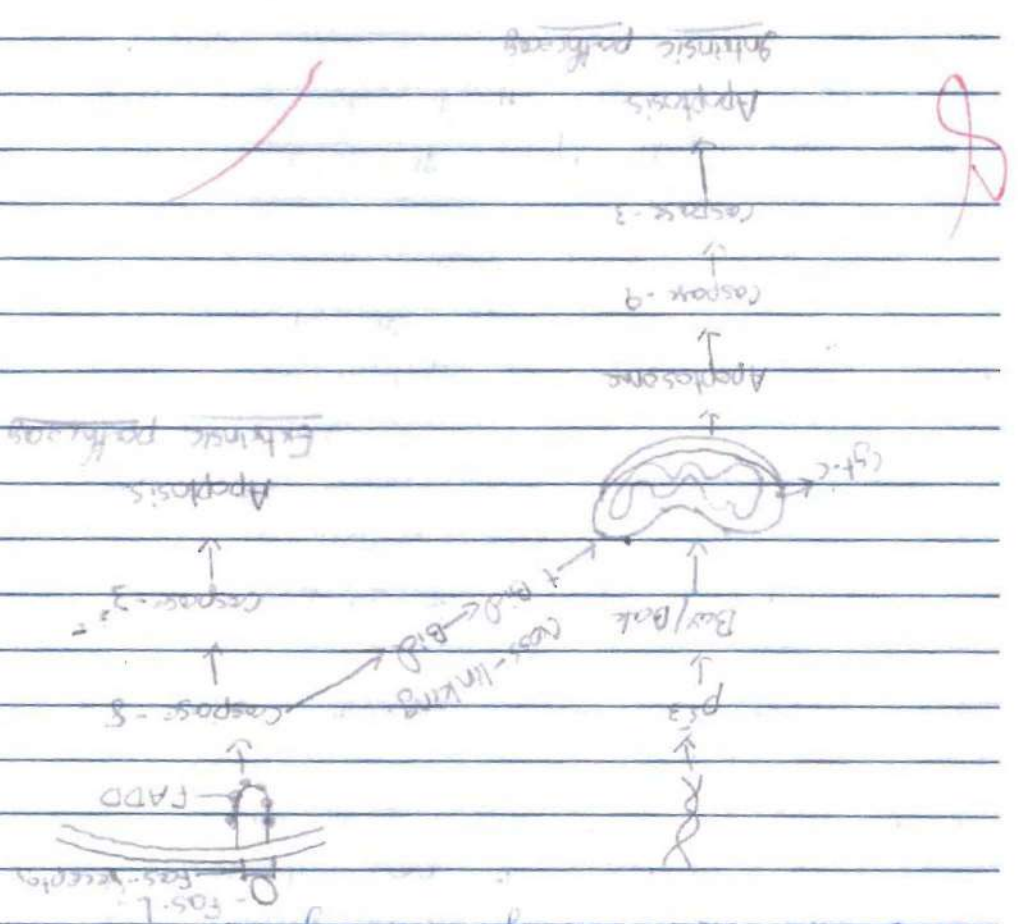
Practical
M. Sc. in Pharmacy
M. S. N. MANDYAL



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MAP Kinase Pathway:
 This is also called as Ras/Raf pathway.
 In this pathway the tyrosine kinase is present intracellular of the cell.
 When the growth factors are attached to the tyrosine receptor the first phosphorylation takes place.
 Next they undergoes the dimerization and get activated.
 There is a ligand DGE which is a SH₂ type of protein.
 It get connected to the SOS and guanine in the cell.
 Next these DGE is get attached to the phosphorylated tyrosine and the inactive SOS is get into active SOS.
 The active SOS remove the GDP and is converted into active form and attach the GTP to the Ras and is converted into active form.



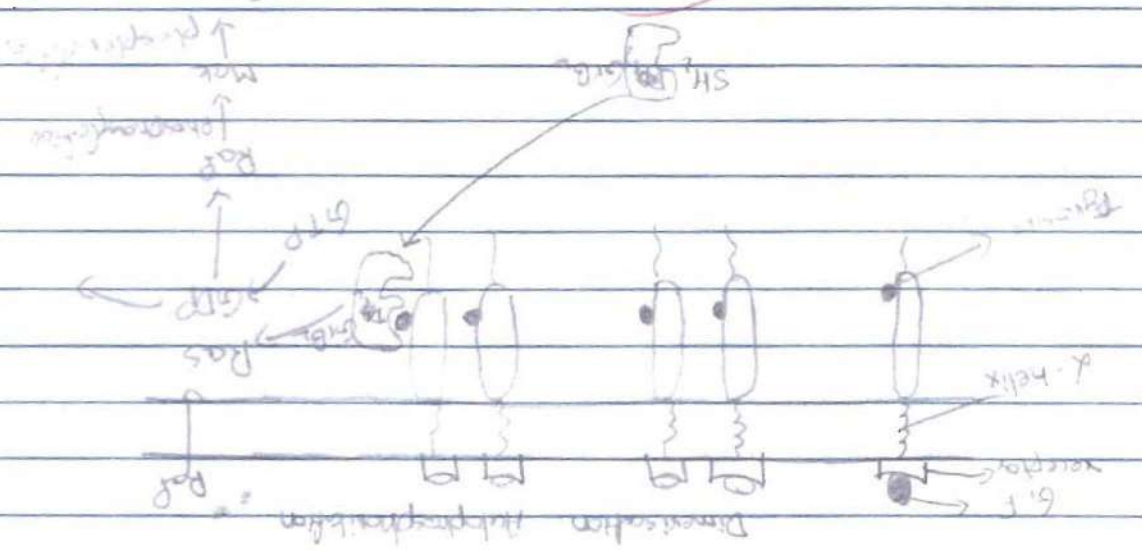
Caspase independent process:
 When there is formation of pores on the mitochondria not only the cyt-c is release along with it a apoptotic inducer protein (a fluorochrome) and carbonic dehydratase are released. These directly act on the DNA and get cell degraded.



Grid for hall ticket number:

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→ This active Ras activates the Raf which is MAP kinase kinase kinase. This Raf phosphorylates Raf this phosphorylates Raf and then enters into the nucleus and activates different functions of the DNA like proliferation etc...



There are several type of ligand like nerve growth factors, insulin, insulin growth factors, growth factors etc they bind to their specific receptor-receptors and initiate the MAP kinase pathway.

Jak/STAT pathway:
 - In the this pathway there is no tyrosine kinase interaction of the cell. In this the process is carried out by tyrosine kinase. When the cytokine is bind to the receptor and the dimerization takes place.

→ Next they undergoes the autophosphorylation.
 → There is a one of the tyrosine linked amino acids that is STAT which is attached to the

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Signature



1) Southern blotting: This blotting technique is used to DNA identification. The restriction endonuclease is added to the DNA sample to cut the strands.

- 1) Southern blotting
- 2) Northern blotting
- 3) Western blotting

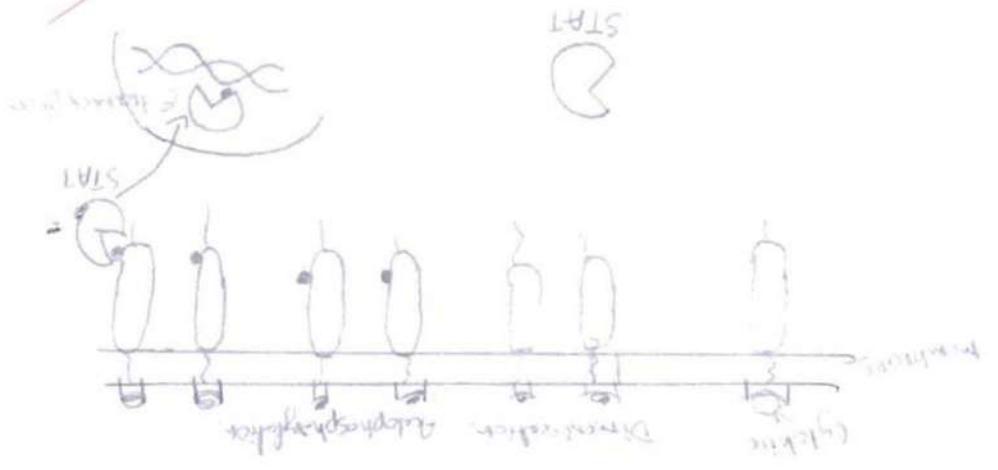
They are three types of blotting techniques.

The blotting techniques are used to identify the targeted (or) required DNA (or) RNA (or) proteins from a group of materials. In this the sample (DNA) is taken and added into the gel and next placed in the electrophoresis they are moved upon their length. The smaller one moves faster. These are transferred into a supporting membrane and probes are added to it for hybridization. They are identify by the radio-isotope.

Principle:

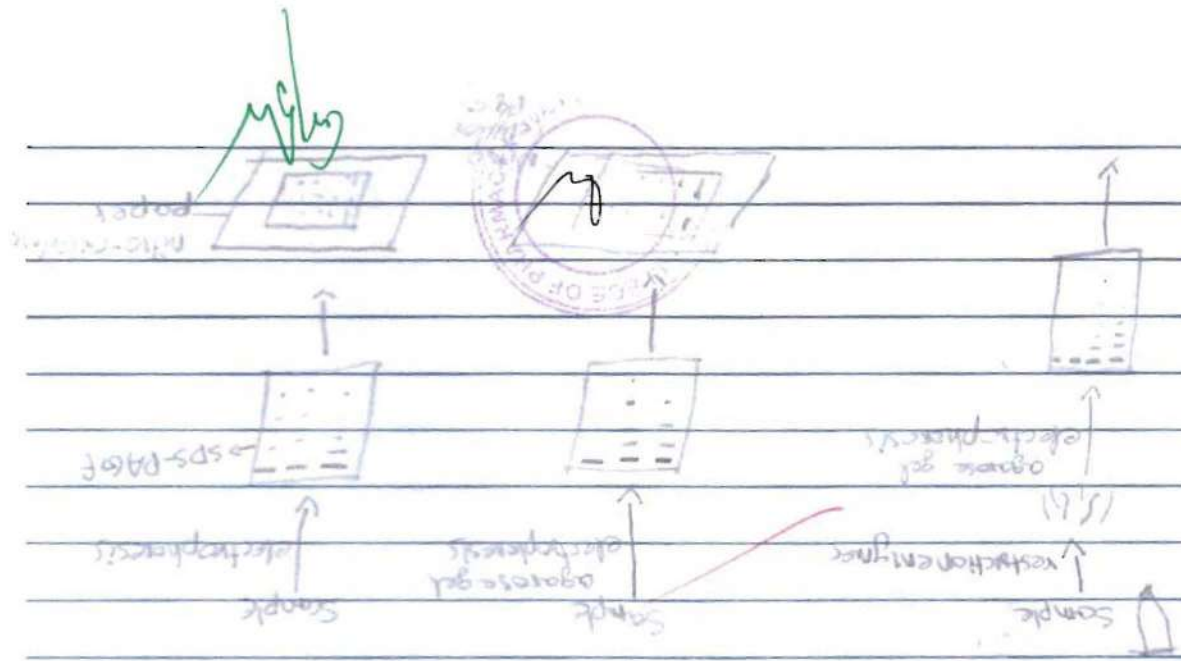
A.
3.

~~In this the cytokines like interleukins interferons etc.~~



transcription

active. The active STAT is get entered into the nucleus and stops the



Western blotting: It is used to identify the proteins

- > In this we are using SDS-PAGE for the electrophoresis
- > SDS-PAGE is placed and the current flow is started. They move on their length.
- > The molecules are transferred in to the nitrocellulose paper.
- > This SDS which is present it gets makes the spaces for the binding of probes to it
- > In this the anti-bodies are cut as the probes
- > The secondary anti-bodies are allowed into it for identification

Northern blotting: It is used to identify the RNA.

- > The northern blotting is similar to the southern blotting
- > But in this there is no need to add of restriction endonuclease as the RNA is a single strand.
- > In this the RNA transfer into the modified nitrocellulose paper
- > Then the cDNA are send to the paper for the hybridization
- > And the target DNA are identified

- > The smaller bands moves further than larger bands
- > This bands are transferred into the nitrocellulose paper
- > by placing them in the alkali and applying pressure and maintain etc
- > They copy of strands are onto the paper
- > Then the complementary strand (probe) are placed on to it.
- > They get into double strand and are visualized by X-ray.



it to form the colour.

In this also, first the antigen are taken in the plate and then the 1st antibody are added and then the 2nd antibody enzyme metabolize of are added to it. After that the substrate are added for the formation of colour.

2) Indirect ELISA:

In this type the first antigen are taken in the plate and then the antibody are added to it. After that the substrate are added for the formation of colour.

1) Direct ELISA:

In this type the first antigen are taken in the plate and then the antibody are added to it.

- 1) Direct ELISA
- 2) Indirect ELISA
- 3) Competitive ELISA
- 4) Sandwich ELISA

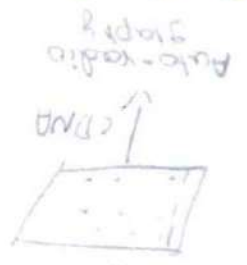
There are 4 types of ELISA:

This method is used identify the polypeptides, hormones, urine analysis, antibody interaction.

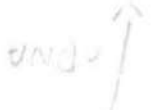
The ELISA is based on the antigen-antibody-immobilization. In this to form the colour and it is measured in the colorimetry or fluorescence etc. Here the concentration of colour shows the concentration of antigen.

ELISA

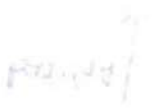
Southern Blotting



Northern Blotting



Auto-radiography



Western blotting

Auto-radiography

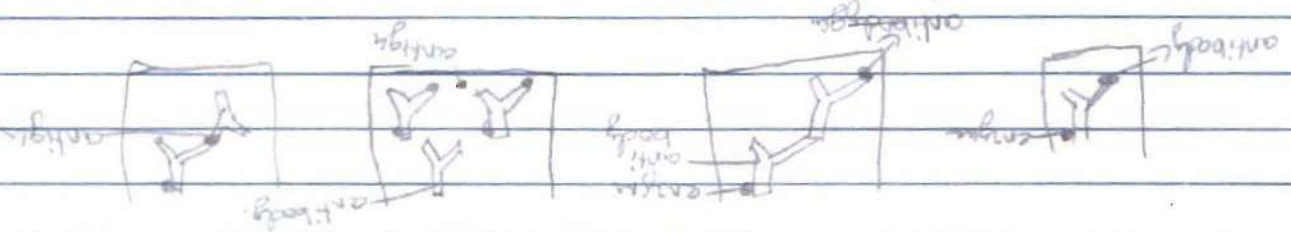


Competitive ELISA:

In this type of ELISA there is a formation of the competition between the antigen and antibody. The remaining antibodies are get washed away. The substrate are added to it to form colour.

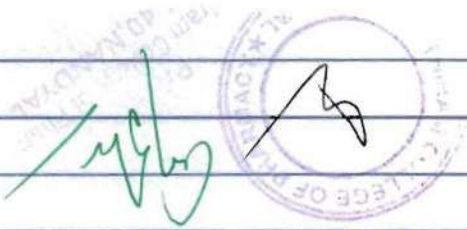
Sandwich ELISA -

In this type the antibodies are placed first in the plate. Next the antigens are added to it. And again the antibodies with enzyme are added to it. The substrate are added to it to form the colour.



Direct ELISA Indirect ELISA Competitive ELISA Sandwich ELISA

8





JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

Notification

for

B.Pharm II Year I semester (R19) Regular & Supplementary Examinations, April 2022

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

Candidates appearing for the above examinations commencing from **18th April 2022** are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	25.03.2022
With Late Fee of Rs. 100/-	28.03.2022
With Late Fee of Rs. 1000/-	30.03.2022
With Late Fee of Rs. 3000/-	01.04.2022
With Late Fee of Rs. 5000/-	06.04.2022

Examination Fee			
1.	For the whole examination	For regular only	Rs.700-00
2.	For one subject (theory / practical)	For supplementary only	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: (i) 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.
- (ii) Applications for supplementary examinations should be submitted along with attested photocopies of marks sheets pertaining to earlier attempts made by the student.
- (iii) Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
- (iv) No student is allowed for End laboratory examinations without Hall Ticket.
- (v) Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
- (vi) The Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
- (vii) For the students due date to submit the registration forms at college exam branch is one day before the 'last date'.

Date: 15-03-2022

Note:

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

- (i) on 01.04.2022 (Friday) for Online receipts/Challans without fine, with Rs.100/- fine and Rs.1000/- fine only.
- (ii) on 07.04.2022 (Thursday) for Online receipts/Challans with Rs.3000/- and Rs.5000/- fine only.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Tue Mar 15 16:33:48 IST 2022

DIRECTOR OF EVALUATION

Principal
Ananthram College of Pharmacy
NIPUN NANDYAL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

Notification

for

B.Pharm II Year I semester Supplementary Examinations, April 2022

R15 Regulations

(For 2015, 2016, 2017, 2018 Regular & 2016, 2017, 2018, 2019 Lateral Entry admitted batches only)

R13 Regulations

(For 2014 Regular admitted batches only)

Candidates appearing for the above examinations commencing from 18th April 2022 are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	25.03.2022
With Late Fee of Rs. 100/-	28.03.2022
With Late Fee of Rs. 1000/-	30.03.2022
With Late Fee of Rs. 3000/-	01.04.2022
With Late Fee of Rs. 5000/-	06.04.2022

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 2021-22) should be submitted along with attested photocopies of marks sheets pertaining to earlier attempts made by the student.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - No student is allowed for End laboratory examinations without Hall Ticket.
 - 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 website www.jntua.ac.in under 'Examinations'.

Date: 15-03-2022

Note:

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

- on 01.04.2022 (Friday) for Online receipts/Challans without fine, with Rs.100/- fine and Rs.1000/- fine only.
- on 07.04.2022 (Thursday) for Online receipts/Challans with Rs.3000/- and Rs.5000/- fine only.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Tue Mar 15 16:34:24 IST 2022

Principal
anthiram College of Pharmacy
NH-18, NANDYAL
DIRECTOR OF EVALUATION



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 II year I semester (R19, R15 & R13) Regular & Supplementary Examinations / April 2022/Instructions dt. 15.03.2022

To
The Principals
All colleges offering B.Pharm program under JNTU Anantapur
Sir/Madam,

You are requested,

- To upload internal marks of B.Pharm II year I semester Regular students (AY 2021-22) to examinations portal 'JNTUA EMS' on or before 05:30 PM of **11.04.2022 (Monday)**. Internal marks uploaded after 05:30 PM of 11th April 2022 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach **Dr. Dr. K.Jithendra Gowd, Assistant Professor of EEE and Additional Controller of Examinations, University Examinations Building, Oppt. Govt. Polytechnic College, JNTUANantapur, Ananthapuramu - 515002 (A.P)** on or before **18.04.2022 (Monday)** by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as B.Pharm/II-I/IM/R19/Apr-22 Exams/<College Code>.
- To conduct laboratory examinations from **08.04.2022 to 16.04.2022** and send the award lists in sealed covers to the address mentioned above on or before **21.04.2022 (Thursday)** without fail by registered/speed post. The cover may be superscribed as B.Pharm II-I/R19/R15/R13/Reg & Supple/Apr-22/Lab Award Lists/<College Code>
- Complete the first entry of lab externals in EMS by **18.04.2022**.
- You are requested to finalize the attendance particulars of the students for regular examinations by taking presumptive attendance for the last week of the academic calendar for the semester and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of **29.03.2022 (Tuesday)** without fail.
- To note that schedule for online registration (for R19, R15 & R13 regulations only) is as follows

	Opens	Closes	No. of Days
Without late fee	15.03.2022	25.03.2022	09 days
With Rs.100/- late fee	26.03.2022	28.03.2022	02 days
With Rs.1000/- late fee	29.03.2022	30.03.2022	02 days
With Rs.3000/- late fee	31.03.2022	01.04.2022	02 days
With Rs.5000/- late fee	04.04.2022	06.04.2022	02 days

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

01.04.2022	Friday	All Districts	Without fine, with Rs.100/- fine and Rs.1000/- fine only
07.04.2022	Thursday	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 **04.04.2022 (Monday)** for download.

Yours faithfully,

Digitally signed by KESHAVA REDDY
EDDULA
Date: Tue Mar 15 16:35:05 IST 2022

DIRECTOR OF EVALUATION

(Signature)
Principal
Anthram College of Pharmacy
NH-18, NANDYAL



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

EXAMINATIONS BRANCH

B.Pharmacy II Year I Semester Regular & Supplementary April 2022 Examinations

Time: 10.00 AM to 01.00 PM

Date / Day	Regular & Supplementary	Supplementary	
	R19	R15	R13 (For 2014 Regular admitted batches only)
18.04.2022 Monday	Pharmaceutical Organic Chemistry - II BP301T	Pharmaceutical Engineering 15R00301	Pharmaceutical Analysis - I 13R00301
20.04.2022 Wednesday	Physical Pharmaceutics - I BP302T	Pharmaceutical Organic Chemistry - III 15R00303	Physical Pharmacy - I 13R00304
22.04.2022 Friday	Pharmaceutical Microbiology BP303T	Pharmaceutical Microbiology 15R00304	Pharmaceutical Engineering - I 13R00302
25.04.2022 Monday	Pharmaceutical Engineering BP304T	Physical Pharmacy - I 15R00302	Pharmaceutical Organic Chemistry - II 13R00303
27.04.2022 Wednesday	---	Environmental Studies 15A01101	Anatomy, Physiology & Pathophysiology 13R00305

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: 15.03.2022

Controller of Examinations (UG)

Santhirani College of Pharmacy
NH-18, NANDYAL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

Notification

For

M.Pharm III Semester Regular & Supplementary Examinations May 2022

(For 2018, 2019 & 2020 admitted batches only)

The students appearing for the above examinations commencing from 16.05.2022 are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	26.04.2022
With Late Fee of Rs. 100/-	28.04.2022
With Late Fee of Rs. 1000/-	30.04.2022
With Late Fee of Rs. 3000/-	04.05.2022
With Late Fee of Rs. 5000/-	06.05.2022

EXAMINATION FEE		
1.	WHOLE EXAMINATION (FOR REGULAR)	Rs.900-00
2.	EACH THEORY/PRACTICAL SUBJECT (FOR SUPPLEMENTARY)	Rs.600-00
3.	MEMORANDUM OF MARKS	Rs.10-00
4.	COST OF APPLICATION	Rs.5-00

- 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.
 - Students registering for supplementary examinations have to register through the website: <https://jntuastudentportal.ac.in>, so, Students no need to go college for registration purpose.
 - The detailed instructions and help guide for registration is available in the university website: www.jntua.ac.in under examinations tab.
 - Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
 - No student is allowed for End laboratory examinations without Hall Ticket.
 - 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 website www.jntua.ac.in under 'Examinations'.

Date: 13-04-2022

Note:

Online receipts/Challans are to be purchased after the respective closing dates and have to be submitted along with all necessary enclosures at the University Examinations Branch

- on 04.05.2022 (Wednesday) for online receipts/challans without fine, with Rs.100/- fine and Rs.1000/- fine only.
- on 07.05.2022 (Saturday) for online receipts/challans with Rs.3000/- and Rs.5000/- fine only.

Digitally signed by KESHAVA REDDY
EDDULA
Date: Wed Apr 13 11:51:46 IST 2022

DIRECTOR OF EVALUATION

Principal
Anthiram College of Pharmacy
NH-18, NANDYAL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
NEW EXAMINATION BUILDING, ANANTHAPURAMU 515002

Prof. E.Keshava Reddy
Director of Evaluation

ONLINE REGISTRATION

Lr. No. DE / JNTUA/ ATP/ M.Pharm III semester Regular & Supplementary Examinations / May 2022
/Instructions dt. 13.04.2022

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

Sir/Madam,

You are requested,

- To upload internal marks of M.Pharm III semester Regular students (AY 2021-22) to examinations portal 'JNTUA EMS' on or before 05:30 PM of 09.05.2022 (Monday). Internal marks uploaded after 05:30 PM of 09th May 2022 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach Dr.K.Jithendra Gowd, Assistant Professor of EEE and Additional Controller of Examinations, University Examinations Building,Opp.Govt. Polytechnic College, JNTUANantapur, Ananthapuramu - 515002 (A.P) on or before 13.05.2022 (Friday) by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as M.Pharm/III sem Reg /IM/May-22 Exams/<College Code>.
- To conduct laboratory & prosperous examinations from 09.05.2022 to 13.05.2022 and send the award lists in sealed covers to the address mentioned above on or before 19.05.2022 (Thursday) without fail by registered/speed post. The cover may be superscribed as M.Pharm/III sem/Reg & Supple/May-22/Lab Award Lists/<College Code>
- Complete the first entry of lab externals in EMS by 16.05.2022.
- You are requested to finalize the attendance particulars of the students for regular examinations by taking presumptive attendance for the last week of the academic calendar for the semester and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of 28.04.2022 (Thursday) without fail.
- To note that schedule for online registration is as follows

	Opens	Closes	No. of Days
Without late fee	13.04.2022	26.04.2022	10 days
With Rs.100/- late fee	27.04.2022	28.04.2022	02 days
With Rs.1000/- late fee	29.04.2022	30.04.2022	02 days
With Rs.3000/- late fee	02.05.2022	04.05.2022	02 days
With Rs.5000/- late fee	05.05.2022	06.05.2022	02 days

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

04.05.2022	Wednesday	All Districts	Without fine, with Rs.100/- fine and Rs.1000/- fine only
07.05.2022	Saturday	All Districts	With Rs.3000/- fine and Rs.5000/- fine 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.
 - Copy of Clearance Certificate.
 - Copy of UCS Fee Receipts (or proof of fee payment).
- 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 and will be available to the colleges in the JNTUA EMS on 05.05.2022 (Thursday) for download.

[Handwritten Signature]
Principal,
Santhiram College of Pharmacy
NH-18, NANDYAL

Yours faithfully,

Digitally signed by KESHAVA REDDY
EDDULA
Date:Wed Apr 13 11:52:21 IST 2022
Director of Evaluation

Copy to
The Controller of Examinations.
The Additional Controller of Examinations.
File.



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

Examinations Branch

M.Pharm - III Semester Regular & Supplementary Examinations May 2022
(for students admitted in 2018, 2019 & 2020 only)

Time: 10:00 AM to 01:00 PM

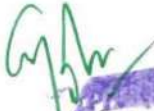
Date /Day	Common to all branches
16.05.2022 Monday	Research Methodology and Biostatistics 17S01301

NOTE:

1. Any clashes / omissions in this time-table may be brought to the notice of the under signed immediately.
2. If the Government declares holiday on any of the above dates, the examinations will be conducted as usual.

Date: 18.04.2022

Controller of Examinations (PG)


Santhiram College of Pharmacy
Santhiram College of Pharmacy
NH-18, NANDYAL



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU - 515002 A.P. (INDIA)

Examinations Branch

**Notification
for**

Pharm.D III Year Regular & Supplementary Examinations May/June 2022

(For 2019 and after 2010 admitted batches only)

Candidates appearing for the above examinations commencing from **23rd May 2022** are informed that the applications will be received as per the time schedule given below:

Examination Registration	Last Date
Without Late Fee	30.04.2022
With Late Fee of Rs. 100/-	04.05.2022
With Late Fee of Rs. 1000/-	06.05.2022
With Late Fee of Rs. 3000/-	09.05.2022
With Late Fee of Rs. 5000/-	11.05.2022

EXAMINATION FEE		
1.	WHOLE EXAMINATION (for regular only)	Rs.950-00
2.	EACH THEORY/PRACTICAL SUBJECT (for supplementary)	Rs.600-00
3.	MEMORANDUM OF MARKS	Rs.10-00
4.	COST OF APPLICATION	Rs.05-00

- Note: (i) Applications are available at the office of the Director/Principal and duly filled-in applications should be handed over in the college office along with necessary fee.
(ii) Hall tickets will be issued only to the eligible candidates who fulfill the academic requirements of the University.
(iii) No student is allowed for End laboratory examinations without Hall Ticket.
(iv) The Director/Principals are requested to verify the eligibility of the registration for examination in respect of malpractice/court cases/credits.
(v) The Director/Principals are requested to inform the students that mere payment of examination fee does not guarantee eligibility for appearing for examinations.
(vi) Detailed timetables will be notified in the website www.jntua.ac.in under 'Examinations'.

Date: 18-04-2022

Note:

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

- (i) on 09.05.2022 (Monday) for Online receipts/Challans without fine, with Rs.100/- fine and Rs.1000/- fine only.
(ii) on 12.05.2022 (Thursday) for Online receipts/Challans with Rs.3000/- and Rs.5000/- fine only.

Digitally signed by KESHAVA REDDY

EDDULA

Dir, Exm. Branch, 18/04/2022

DIRECTOR OF EVALUATION

Principals
M. S. NANDYAL



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/ Pharm.D III Year Regular & Supplementary Examinations / May/June
2022/Instructions dt. 18.04.2022**

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

Sir/Madam,

You are requested,

- To upload internal marks of Pharm.D III year Regular students (AY 2021-22) to examinations portal 'JNTUA EMS' on or before 05:30 PM of **16.05.2022 (Monday)**. Internal marks uploaded after 05:30 PM of 16th May 2022 will not be considered. Hard copy of the same duly signed and stamped by the college principal on each sheet should reach **Dr. K.Jithendra Gowd, Assistant Professor of EEE and Additional Controller of Examinations, University Examinations Building, Oppt. Govt. Polytechnic College, JNTUANantapur, Ananthapuramu - 515002 (A.P)** on or before **20.05.2022 (Friday)** by registered/speed post. Please superscribe the cover containing the hard copy of internal marks as Pharm.D/III Yr/IM/R17/May/June-2022 Exams/<College Code>.
- To conduct laboratory examinations from **13.05.2022 to 21.05.2022** and send the award lists in sealed covers to the address mentioned above on or before **26.05.2022 (Thursday)** without fail by registered/speed post. The cover may be superscribed as Pharm.D III Yr/Reg & Supple/May/June-22/Lab Award Lists/<College Code>
- Complete the first entry of lab externals in EMS by **23.05.2022**.
- You are requested to finalize the attendance particulars of the students for regular examinations by taking presumptive attendance for the last week of the academic calendar for the semester and to upload the detained list to the examinations portal 'JNTUA EMS' on or before 05:30 PM of **29.04.2022 (Friday)** without fail.
- To note that schedule for online registration is as follows

	Opens	Closes	No. of Days
Without late fee	18.04.2022	30.04.2022	12 days
With Rs.100/- late fee	02.05.2022	04.05.2022	02 days
With Rs.1000/- late fee	05.05.2022	06.05.2022	02 days
With Rs.3000/- late fee	07.05.2022	09.05.2022	02 days
With Rs.5000/- late fee	10.05.2022	11.05.2022	02 days

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

09.05.2022	Monday	All Districts	Without fine, with Rs.100/- fine and Rs.1000/- fine only
12.05.2022	Thursday	All Districts	With Rs.3000/- fine and Rs.5000/- fine 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 **10.05.2022 (Tuesday)** for download.

Principal
Santhiram College of Pharmacy
NH-18, NANDYAL

Yours faithfully,
Digitally signed by KESHAVA REDDY
EDDULA
Date: Mon Apr 18 16:23:16 IST 2022

DIRECTOR OF EVALUATION



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

Examinations Branch

Pharm.D III Year Regular & Supplementary Examinations May/June 2022
(For 2019 and after 2010 admitted batches only)

Timetable

TIME: 10:00 AM To 01:00 PM

Date/Day	Regular & Supplementary	Supplementary
	For 2017, 2018 & 2019 admitted batches only	For 2016 and after 2010 admitted batches only
24.05.2022 Tuesday	Pharmaceutical Formulations 17T00306	Pharmacology - II 14T00301/T0830001
26.05.2022 Thursday	Medicinal Chemistry 17T00305	Pharmaceutical Analysis 14T00302/T0830002
28.05.2022 Saturday	Pharmaceutical Jurisprudence 17T00304	Pharmacotherapeutics - II 14T00303/T0830003
31.05.2022 Tuesday	Pharmacotherapeutics - II 17T00303	Pharmaceutical Jurisprudence 14T00304/T0830004
02.06.2022 Thursday	Pharmaceutical Analysis 17T00302	Medicinal Chemistry 14T00305/T0830005
04.06.2022 Saturday	Pharmacology - II 17T00301	Pharmaceutical Formulations 14T00306/T0830006

Note: (i) Any omissions or clashes in this timetable may please be informed to the undersigned immediately.

(ii) Even if government declares holiday on any of the above dates, the examinations shall be conducted as usual.

Date: 21-04-2022

Santhiram College of Pharmacy
NH-18, NANDYAL

Controller of Examinations (UG)