



ANNAMACHARYA COLLEGE OF PHARMACY
New Boyanapalli, Rajampet - 516126, Y.S.R. Kadapa District. A.P., India

Examination Branch

DOCTOR OF PHARMACY (Pharm.D.)

GUIDELINES FOR THE CONDUCT OF THEORY & PRACTICAL EXAMINATIONS

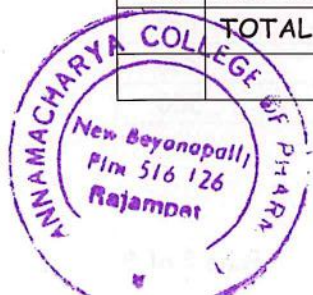
1. Every year there shall be an examination to examine the students.
2. Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination. Supplementary examination (advanced) may be conducted within 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:


First Year examination:

S. No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		External	Sessional	Total	External	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
	TOTAL			600			600
							1200

Second Year examination:

S. No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		External	Sessional	Total	External	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
	TOTAL			600			300
							900




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Third Year examination:

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

Fourth Year examination:

S. No	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		External	Sessional	Total	External	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
	TOTAL			600			400
							1000

Fifth Year examination:

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

* Attending ward rounds on daily basis. ** 30 marks - viva-voce (oral)
70 marks - Thesis work



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

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:-
 - (1) Actual performance in the sessional examination (20 marks);
 - (2) Day to day assessment in the practical class work, promptness, viva-voce record maintenance, etc. (10 marks).

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.

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.




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INTERNSHIP


1. 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 co-operation 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




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- 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 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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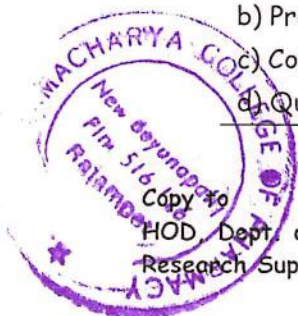
Guidelines for the Submission of Project work (Pharm.D. V-Year)

This to inform Pharm.D. V Year students that, as per the Academic Calender given by JNTUA, Ananthapuramu, on 02-08-2021, the Duration of 24 Weeks i.e. from 18.11.2021 to 04.05.2022 is allotted for the project work. All the students are informed to go through the following guidelines for the submission of thesis.

Guidelines:

- **Methodology**
 - Students shall work in groups (NLT 2 and NMT 4) under an Authorized teacher.
 - 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 utilization reviews, pharmacoepidemiology, Pharmacovigilance or Pharmacoeconomics;
 - Project work shall comprise of the **Objectives of the work, Methodology, Results, Discussions and Conclusions**.
 - Project work shall be **approved by the institutional ethics committee**;
 - Student shall **present at least three seminars**.
one in the beginning, one at middle and one at the end of the project work;
 - **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.
 - Project work shall be presented in a written report and as a seminar
- **Reporting:**
 - Student working on the project shall submit jointly a project report **NLT 40 pages**.
 - 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.
 - Submission of the project report shall be done on or before **07.05.2022, Saturday**.
- **Evaluation:**
 - Project work shall be evaluated by internal and external examiners.
 - Students shall be evaluated in groups
 - Three seminars presented by students, each will be evaluated for 30 marks (the average of best two will be considered as internal marks).
 - Final evaluation of project work shall be evaluated for 70 marks (external)
 - Evaluation will be done on the following basis

Internal Assessment (30 Marks)		External/Final Assessment (70 Marks)	
a) Write up of the seminar	(7.5)	a) Write up of the seminar	(17.5)
b) Presentation of work	(7.5)	b) Presentation of work	(17.5)
c) Communication skills	(7.5)	c) Communication skills	(17.5)
d) Question and answer skills	(7.5)	d) Question and answer skills	(17.5)



Copy to
HOD, Dept. of Pharmacy Practice,
Research Supervisors, V Pharm.D

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