

M. PHARMACY
ACHARYA NAGARJUNA UNIVERSITY
REGULATIONS
Four Semester Pattern
(With effect from 2012 - 2013)

1.1 The Degree of Master of Pharmacy of the Acharya Nagarjuna University will be conferred on a candidate who has satisfied the following conditions. :

The Candidate must have passed the B.Pharm Degree examination of this University or any other university recognized by the Academic Council as equivalent thereto in First or Second class; and must have qualified in any entrance examination, if prescribed.

1.2 The candidate should have undergone a regular course of study as prescribed hereunder extending over a period of four semesters, ordinarily consecutive, and satisfied the academic requirements as prescribed hereinafter. The course of instruction and periods of study shall be as given “in the scheme of instruction” and in the syllabus mentioned in the Annexures.

1.3 The subjects of specialization for **MASTER OF PHARMACY** course shall be as follows :

- 1) **PHARMACEUTICS**
- 2) **PHARMACEUTICAL ANALYSIS**
- 3) **PHARMACEUTICAL CHEMISTRY**
- 4) **INDUSTRIAL PHARMACY**
- 5) **PHARMACOLOGY**
- 6) **PHARMACEUTICAL MANAGEMENT &
REGULATORY AFFAIRS**
- 7) **PHARMACOGNOSY**
- 8) **PHARMACY PRACTICE**

1.4 Every candidate shall put in attendance for not less than 75% of the total number of working days in each semester to be eligible to sit for the semester end examination. If a student represents the University officially at games, sports or other officially organized extra-curricular activities it will be deemed that he has attended the college on the days he is absent for this purpose.

2.1 Evaluation of performance of all candidates who pursue the above course shall be as per the “scheme of examination” enclosed as the Annexure. In each of theory and practical courses the evaluation shall be on the basis of internal evaluation for 30 marks and the semester end examination for 70 marks as detailed in the scheme of examination. There shall be two sessional examinations in each theory course and best of the two shall be considered. In practical 30% of the marks are earmarked for continuous evaluation and 70% are earmarked for the semester end examination. The marks certificate issued to the candidate by the University shall show separately the Sessional marks (in theory and practicals) and the Semester end examination marks.

2.2 Regulations concerning semester-end examinations of the first two semesters :

- a) There shall be one semester end examination in each theory course based on the question paper set by the external paper setter and there shall be double valuation. There shall be one semester end examination in each practical course as per “the scheme of examination” and the setting and valuation shall be done jointly by two examiners, one external examiner and the internal examiner.
- b) In order to be eligible to be appointed as an internal examiner for the semester examination, a teacher shall have to put in atleast three years of service as a teacher of the course concerned.
- c) If the disparity between the marks awarded by both the examiners is 20% or less than average mark shall be taken as the mark awarded in the paper. If the disparity happens be more, reference to a third examiner will be made whose valuation shall be final.

3.1 A candidate shall be declared to have passed the examination held at the end of each semester if he obtains not less than 40% in each theory and each practical examination and 50% in the aggregate of all examinations (including internal assessment marks and semester end examination in theory and practicals/seminars/viva voce/thesis evaluation) in theory and practicals in semester end university examinations (candidate must secure 28 marks out of 70 marks) and 50% minimum marks in internals (theory and practicals separately) with effect from 2011-2012 admitted batches.

- 3.2 If a candidate obtains 50% on aggregate but fails to secure the minimum of 40% in any course, he shall appear at the next examination for the semester end examination in that course to enable him to pass as per 3.1
- 3.3 A candidate who has successfully completed the examination in a course by securing not less than 50% of marks shall not be permitted to retake the examination in that course.
- 3.4 A candidate who fails to secure 50% of marks on the aggregate but secures 50% or more in some courses and between 40-49% in the other courses, he shall be required to retake the next semester end examination in one or more of the courses in which he secures less than 50% of marks as per his choice to satisfy the requirement of 50% aggregate.
- 3.5 Candidates who secure not less than 75% of the total marks including the Sessional marks including practicals in all the examinations of the four semesters taken together shall be declared to have passed in First Division with Distinction. Candidates who secure not less than 60% shall be declared to have passed in First Division. All the remaining successful candidates shall be declared to have passed in Second Division. However, any candidate who has not passed all the papers relating to an examination of any semester at First appearance shall not be declared to have passed in First Division with Distinction nor be eligible for the award of any medals or prizes and is not eligible to receive a rank certificate.
- 4.1
- a) The candidate should deliver two seminars in the First semester and One in the Second semester on the topics allotted. Each seminar shall be evaluated by three teachers of the concerned subject.
 - b) At the end of the Second semester each candidate should face the comprehensive viva-voce examination evaluated by an external examiner along with two internal examiners.
 - c) The candidate should do two assignments in First semester and one assignment in Second semesters on the topics allotted. Each of the assignment shall be evaluated by two teachers of the concerned subject and average of two shall be the marks secured by the candidate.

- 4.2 a) The candidate should deliver one seminar in third semester on the proposed project and another in the fourth semester on completion of the project work. Each seminar shall be evaluated by teachers of the concerned subject.
- b) A candidate shall submit five copies of his/her thesis either printed or typed, embodying the results of research done by him under the direction of an approved research director. All candidates must submit their thesis within 6 days after the end of the fourth semester. Any remaining candidates may submit their thesis after the prescribed date but the examination of their thesis will be arranged only after the next six months period is over.
- 4.3 Every candidate intending to apply for the Degree of Master of Pharmacy shall communicate to the Registrar through the Research Director and the Head of the Department along with five copies of synopsis of the thesis at least one month before submitting the thesis.
- 4.4 The thesis submitted by the candidate shall be evaluated by an External Examiner and the *vive-voce* examination shall be conducted jointly by the Supervisor or the Director who guided the work and the External Examiner.

NOTE :

1. Institutional Animal Ethical Committee (IAEC) approval is required for conduct of animal studies.
2. Use alternative animal models/software (wherever possible)
3. Use *invitro* techniques (wherever possible)
4. Use non – invasive techniques rather than invasive techniques (wherever possible).
5. Follow CPCSEA guidelines for laboratory animal house facility.
6. Follow biomedical waste management system for safe disposal of animals.