



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**  
**ANANTHAPURAMU**  
**Academic Regulations**  
**Two year PG Program in M.Sc**

(Effective for the students admitted during the Academic Year 2020-2021 onwards)

**1. ELIGIBILITY:**

University is offering following MSc programs with effective from 2020-21 academic year onwards:

**Food Technology**  
**Food Technology and Management**

The Admission to the above programmes shall be made subject to the eligibility, qualifications and specialization prescribed by the UGC/University for each programme, from time to time. Admissions shall be made on the basis of merit rank obtained by the qualified candidates at an Entrance Test conducted by the University subject to reservations prescribed by the University or Government policies from time to time.

**2. AWARD OF M.SC. DEGREE:**

A student will be declared eligible for the award of the M.Sc. Degree if he/she fulfills the following academic regulations:

- 2.1 He/she has pursued a course of study for not less than two academic years and not more than four academic years.
- 2.2 Student shall register for 93 credits and secures all 93 credits to become eligible for award of MSc degree.

Note: Students who fail to fulfill 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 the course and their seat shall stand cancelled.

**3. EVALUATION:**

3.1 The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks for theory and 100 marks for practical subject.

3.2 For theory subjects the distribution of marks shall be 30 marks for Internal Evaluation and 70 marks for the end examination

**3.2.1 Internal Examination**

- There shall be two midterm examinations. The first term mid examination shall be conducted in first 2.5 units and second mid examination shall be conducted in the remaining 2.5 units. Evaluation of internal marks is as follows:
  - 10 marks for objective paper (20 minutes duration),
  - 15 marks for subjective paper (90 minutes duration). Three questions of either or option will be given with equal weightage with one question from each unit.

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

### 3.2.2 **End Examination**

- End examination of theory subjects shall have the following pattern:
  - There shall be 6 questions and all questions are compulsory.
  - Question I shall contain 10 compulsory short answer questions for a total of 20 marks such that each question carries 2 marks. There shall be 2 short answer questions from each unit.
  - In each of the questions from 2 to 6, there shall be either/or type questions of 10 marks each. Student shall answer any one of them.
  - The questions from 2 to 6 shall be set by covering one unit of the syllabus for each question.

3.3 For practical subjects there shall be a continuous evaluation during the semester for 30 marks internal evaluation (15 marks for day-to-day lab work and 15 marks for internal lab. Tests) and 70 End Examination marks. The End Examination shall be conducted by the teacher concerned and External Examiner.

3.4 **Project:** Individual Project shall be allotted to each student in any topic suggested by the concern supervisor of the college as per the following:

- Project will be allotted at the 3<sup>rd</sup> Semester and no marks are awarded in 3<sup>rd</sup> Semester
- Out of a total of 200 marks for the Project, 60 marks shall be for Internal Evaluation and 140 marks for the End Semester Examination (Viva-voce).
- The Internal Evaluation shall be made by the departmental committee (Head of the Department, two senior faculty members of the department and Supervisor), on the basis of two seminars given by each student on the topic of his/her project.
- The Viva-Voce (External Examination) shall be conducted by a committee consisting of HOD, Project Supervisor and an External Examiner nominated by the University.

3.5 **Internship:** - Two internships one at the end 2<sup>nd</sup> semester (4 weeks) and other in the entire 4<sup>th</sup> Semester.

- It Can be pursued in Local industries, MNCs, National Laboratories, Govt. organizations, Academic Institutions
- Evaluated in the 3<sup>rd</sup> and 4<sup>th</sup> semester for 100 marks by a committee consisting of Head of the department along with two senior faculty members of the department.
- Report and oral presentations for 30 and 70 weightages
- Entire 4<sup>th</sup> Semester internship may submitted as project
- A student shall acquire 4 credits assigned, when he/she secures 50% or more marks for the total of 100 marks.
- In case, if a student fails, he/she shall reappear
- There shall be no external evaluation.

3.6 Elective II may be pursued under MOOC of minimum 40 hours duration with the approval of the head of the institution

- One mentor for each MOOC course shall be appointed.
- MOOCs is pursued through online it should be standard providers like NPTEL, SWAYAM, etc. The student has to submit course completion certificate. Accordingly grades will be awarded by the university. If the student fails in the course, university will conduct supplementary examination following the university norms.

- If standard providers are not offering the courses listed in under elective II, the institute shall offer the course through offline or online mode by following the university norms. Attendance is not compulsory.

3.7 A candidate shall be deemed to have secured the minimum academic requirement in a subject if he/she 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.

3.8 In case the candidate does not secure the minimum academic requirement in any of the subjects (as specified in 3.7) he/she has to reappear for the Semester Examination either supplementary or regular in that subject,

#### **4 ATTENDANCE:**

4.1 A candidate shall be deemed to have eligibility to write end semester examinations if he/she has put in at least 75% of attendance on cumulative basis of all subjects/courses in the semester.

4.2 Condonation of shortage of attendance up to 10% i.e., from 65% and above and less than 75% may be granted by the College Academic Committee.

4.3 Condonation of shortage of attendance shall be granted only on genuine and valid reasons on representation by the candidate with supporting evidence.

4.4 A stipulated fee shall be payable towards condonation of shortage of attendance.

4.5 If the candidate does not satisfy the attendance requirement, he/she is detained for want of attendance and shall reregister for that semester. He / she shall not be promoted to the next semester.

#### **5 AWARD OF GRADES**

After each subject is evaluated for 100 marks, the marks obtained in each subject will be converted to a corresponding letter grade as given below:

Range in which the marks in the subject fall	Grade	Grade points Assigned
$\geq 90$	S (Superior)	10
80-89	A (Excellent)	9
70-79	B (Very Good)	8
60-69	C (Good)	7
50-59	D (Average)	6
< 50	F (Fail)	0
Absent	Ab (Absent)	0

## 6. AWARD OF CLASS:

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

First class with Distinction	$\geq 7.5$
First class	$\geq 6.5 < 7.5$
Second Class	$\geq 6.0 < 6.5$

## 7. MINIMUM INSTRUCTION DAYS:

The minimum instruction for each semester shall be 90 working Days excluding examination days.

## 8. WITH – HOLDING OF RESULTS:

If the candidate has not paid dues to the university or if any case of in-discipline 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.

## 9. TRANSITORY REGULATIONS:

Candidates who have discontinued or have been detained for want of attendance or who have failed after having undergone the course in earlier regulations 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 sections 2.1 Whereas they continue to be in the academic regulations they were first admitted.

### **General:**

10. Where the word “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
11. The academic regulation should be read as a whole for the purpose of any interpretation.
12. In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
13. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the university.

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