



SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS)

(Affiliated to JNTUK, Kakinada), (Recognised by AICTE, New Delhi)

Accredited by NAAC with 'A' Grade

Recognised as Scientific and Industrial Research Organisation

CHINNA AMIRAM (P.O):: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204

ACADEMIC REGULATIONS (R17) FOR M. Tech DEGREE COURSE

Applicable for the students of M. Tech (Regular) Course from the Academic Year 2017-18 onwards. The M. Tech Degree shall be conferred on candidates who are admitted to the program and who fulfill all the requirements for the award of the Degree.

1. ELIGIBILITY FOR ADMISSIONS

Admission to the above program shall be made subject to eligibility, qualification and specialization as prescribed by the JNTUK University and AP state council for Higher Education (APSCHE) from time to time.

2. AWARD OF M. Tech DEGREE

2.1 A student shall be declared eligible for the award of the M. Tech Degree, if he pursues a course of study in not less than two and not more than four academic years.

2.2 The student shall register for all 80 credits and secure all the 80 credits.

2.3 The minimum instruction days in each semester are 90.

3. COURSES OF STUDY

Departments offering M. Tech Programmes with specializations are listed below:

S.NO	DEPARTMENT	SPECIALIZATION
1	Civil Engineering	Structural Engineering
2	Computer Science & Engineering	Computer Science & Technology
3	Electronics & Communications Engineering	Communication Systems
4	Electrical & Electronics Engineering	Power Systems & Automation
5	Information Technology	Information Technology
6	Mechanical Engineering	CAD/CAM

4. ATTENDANCE

- 4.1 A student shall be eligible to write University examinations if he acquires a minimum of 75% of attendance in aggregate of all the subjects.
- 4.2 Condonation of shortage of attendance in aggregate up to 10% (65% and above and below 75%) in each semester shall be granted by the College Academic Committee.
- 4.3 Shortage of Attendance below 65% in aggregate shall not be condoned.
- 4.4 Students whose shortage of attendance is not condoned in any semester are not eligible to write their end semester examination of that class.
- 4.5 A prescribed fee shall be payable towards condonation of shortage of attendance.
- 4.6 A student shall not be promoted to the next semester unless he satisfies the attendance requirement of the present semester, as applicable. They may seek readmission into that semester when offered next. If any candidate fulfills the attendance requirement in the present semester, he shall not be eligible for readmission into the same class.

5. EVALUATION

The performance of the candidate in each semester shall be evaluated subject-wise, with a maximum of 100 marks for theory and 100 marks for practicals, on the basis of Internal Evaluation and End Semester Examination.

- 5.1 For the theory subjects 70 marks shall be awarded based on the performance in the End Semester Examination and 30 marks shall be awarded based on Internal Evaluation. The internal evaluation shall be made based on the best of the marks secured in the two mid-term Examinations conducted-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. End semester examination is conducted for 70 marks for 5 questions to be answered out of 8 questions.
- 5.2 For practical subjects, 50 marks shall be awarded based on the performance in the End Semester Examinations and 50 marks shall be awarded based on the day-to-day performance as Internal Marks.
- 5.3 There shall be two seminar presentations during III semester and IV semester. For seminar, 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, P.G.Coordinator of the department. For Comprehensive Viva-Voce, Seminar-I, Project Work Part-I and Seminar II there will be only internal evaluation for 50 marks. A candidate has to secure a minimum of 50% of marks to be declared successful.

5.4 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 semester Examination and a minimum aggregate of 50% of the total marks in the End Semester Examination and Internal Evaluation taken together.

5.5 In case the candidate does not secure the minimum academic requirement in any subject (as specified in 5.4) he has to reappear for the End semester Examination in that subject. 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. In such a case, the candidate must re-register for the subject(s) and secure the required minimum attendance. The candidate's attendance in the re-registered subject(s) shall be calculated separately to decide upon his eligibility for writing the end examination in those subject(s). In the event of the student taking another chance, his internal marks and end examination marks obtained in the previous attempt stand cancelled. For re-registration the candidates have to apply to the Examination section through the principal by paying the requisite fees and get approval from the principal before the start of the semester in which re-registration is required.

5.6 In case the candidate secures less than the required attendance in any re registered subject (s), he shall not be permitted to write the End Examination in that subject. He shall again re-register the subject when next offered.

5.7 Laboratory examination for M. Tech. courses must be conducted with two Examiners, one of them being the Laboratory Class Teacher or teacher of the respective college and the second examiner shall be appointed by the Principal.

6. EVALUATION OF PROJECT/DISSERTATION WORK

Every candidate shall be required to submit a thesis or dissertation on a topic approved by the Project Review Committee.

6.1 A Project Review Committee (PRC) shall be constituted with Head of the Department, PG Coordinator and one senior faculty member.

6.2 Registration of Project Work: A candidate is permitted to register for the project work after satisfying the attendance requirement of all the subjects, both theory and practical.

6.3 After satisfying 6.2, a candidate has to submit, in consultation with his project supervisor, the title, objective and plan of action of his project work for approval. The student can initiate the Project work, only after obtaining the approval from the Project Review Committee (PRC).

- 6.4 If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of Project Review Committee (PRC). However, the PRC shall examine whether or not the change of the topic/supervisor leads to a major change of his initial plans of project proposal. If yes, his date of registration for the project work starts from the date of change of supervisor or topic as the case may be.
- 6.5 A candidate shall submit his status report in two stages at least with a gap of 3 months between them.
- 6.6 The work on the project shall be initiated at the beginning of the II year and the duration of the project is two semesters. A candidate is permitted to submit Project Thesis with the approval of PRC not earlier than 40 weeks from the date of registration of the project work.
- 6.7 Three copies of the Project Thesis certified by the supervisor shall be submitted to the College.
- 6.8 The thesis shall be adjudicated by one examiner appointed by the Principal based on the proposal submitted by the concerned Head of the Department.
- 6.9 If the report of the examiner is not favorable, the candidate shall revise and resubmit the Thesis, in the time frame as decided by the PRC. If the report of the examiner is unfavorable again, the thesis shall be summarily rejected. The candidate has to re-register for the project and complete the project within the stipulated time after taking the approval from the Principal.
- 6.10 If the report of the examiner is favorable, Viva-Voce examination shall be conducted for a maximum of 100 Marks by a board consisting of the Supervisor, P.G.Coordinator, Head of the Department and the Examiner who adjudicated the Thesis. The marks shall be awarded in the ratio of 20, 20, 20 and 40 Marks by the members respectively. The Head of the Department shall coordinate and make arrangements for the conduct of Viva-Voce examination.
- 6.11 If the candidate has not secured a minimum of 50% of marks in the Viva-Voce examination, the candidate shall retake the Viva-Voce examination only after three months. If he fails to get a minimum of 50% of marks at the second Viva-Voce examination, the candidate has to re-register for the project and complete the project with- in the stipulated time after taking the approval from the Institution.

7. AWARD OF DEGREE AND CLASS

Class Awarded	% of Marks to be secured
First Class with Distinction	70% and above (Without any Supplementary Appearance)
First Class	Below 70% but not less than 60%
	70% and above (With any Supplementary Appearance)
Second Class	Below 60% but not less than 50%

8. WITHHOLDING OF RESULTS

If the student has not paid the dues, if any, to the College or if any case of indiscipline is pending against him, the result of the student will be withheld. His degree will be withheld in such cases.

9. GENERAL

9.1 Wherever the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.

9.2 The academic regulation should be read as a whole for the purpose of any interpretation.

9.3 In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Head of the institution is final.

9.4 The Institution 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 Institution.