

**GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

Approved by AICTE, Accredited by NBA & NAAC 'A' Grade, Recognized under 2(f) and 12(b) of UGC,
Permanently Affiliated to JNTUK, Kakinada



NH-16, Chaitanya Knowledge City, Rajahmundry – 533296. E.G.Dt., - AP.



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (Autonomous)
RAJAHMUNDRY-533296, AP
ACADEMIC REGULATIONS – M.Tech (R-14)

RMT 1.0	ELIGIBILITY FOR ADMISSIONS
1.1	Admission to the above programme shall be made subject to eligibility, qualification and specialization as prescribed by JNTUK from time to time
1.2	Admission shall be made on the basis of merit/rank obtained by the candidate at the qualifying entrance test conducted by the Andhra Pradesh Government, subject to reservations as laid by the Government from time to time.
RMT 2.0	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	A student shall register for all 80 credits and secure all the 80 credits.
2.3	The minimum instruction days in each semester are 90.
RMT 3.0	COURSES OF STUDY
	The following 8 specialisations are offered at present for the M.Tech course of study.
	<ol style="list-style-type: none"> 1. M.Tech – Structural Engineering 2. M.Tech – CAD / CAM 3. M.Tech – Thermal Engineering 4. M.Tech – Power systems (with Emphasis on H.V Engineering) 5. M.Tech – Digital Electronics and Communication Engineering (DECE) 6. M.Tech – VLSI / ES 7. M.Tech – Computer Science and Engineering 8. M.Tech – Software Engineering

RMT 4.0	ATTENDANCE
4.1	A student shall be eligible to write end semester examinations if he acquires a minimum of 75% of attendance in aggregate of all 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	Storage 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.

RMT 5.0	EVALUATION
5.1	The performance of the candidate in semester shall be evaluated subject-wise, with a maximum of 100 marks & 3 credits for theory and 100 marks & 2 credits for practicals, on the basis of internal Evaluation and End semester examination.
5.2	For the theory subjects 60 marks shall be awarded based on the performance in the End semester examination and 40 marks shall be awarded based on the internal Evaluation. The internal evaluation shall be made based on the average the marks secured in two mid term

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	<p>examinations conducted-one in the middle of the semester and other immediately after the completion of instruction. Each mid term examination shall be conducted for a total duration of 120 minutes with 4 questions (without choice) each question for 10 marks. End semester examination is conducted for 60 marks for 5 questions to be answers out of 8 questions. Question paper for this examination shall be prepared externally by paper setters from the panel of paper setters recommended by the Chairperson of the Boards of studies. The evaluation of the answer scripts shall be done externally by evaluators belonging to University colleges, Autonomous colleges, or by evaluators recommended by the chairpersons of BOS.</p>
5.3	<p>For practical subjects, 60 marks shall be answers bases on the performance in the End semester Examinations and 40 marks shall be awarded by internal assessment based on the day – to – day performance for 20 Marks and by an internal practical examination with the internal examiners for 20 marks. 50% of total internal assessment marks shall be awarded based on day to day performance in the laboratory and the remaining 50% marks shall be awarded by an internal practical examination towards the end of the semester. There shall be two examiners (both internal) of which one shall be the concerned teacher and the other, a senior faculty of the department nominated by the HOD. End semester laboratory examination for M.Tech courses must be conducted with two examiners one of them being the laboratory class Teacher or a teacher of the respective college nominated by HOD and the second examiner (external examiner) Shall be appointed by the principal from the panel of examiners submitted by the respective HOD.</p>
5.4	<p>There shall be two seminar presentations with 2 credits for each 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 from shall make an oral presentation before the project Review Committee consisting of Head of the department, Supervisor and two other senior faculty members of the department. For each semester there will be only internal evaluation of 50 marks. A candidate has to secure a minimum of 50% of marks to be declared successful.</p>
5.5	<p>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 minimum aggregate of 50% of the total marks in the End semester examination and Internal Evaluation taken together.</p>
5.6	<p>In case the candidate does not secure the minimum academic requirement in any subject (as specified in 5.5) 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 attendance in the re-registered subjects shall be calculated separately to decide upon his eligibility for writing the end examination in those subjects. 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 principal through the HOD by paying the requisite fees and get approval from the principal before the start of the semester in which re-registration is required</p>
5.7	<p>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.</p>

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RMT 6.0	EVALUATION OF PROJECT WORK – 36 CREDITS
6.1	Every candidate shall be required to submit a thesis or dissertation on a topic approved by the project Review Committee
6.2	A project review committee (PRC) shall be constituted with Head of the department and two other senior faculty members.
6.3	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.
6.4	After satisfying 6.3, 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).
6.5	If a candidate wishes to change his supervisor or topic of the project, he can do so with the approval of the project review committee (PRC). However, the project review committee (PRC) shall examine whether or not the change of topic/supervisor leads to a major change of his internal 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.
6.6	A candidate shall submit his status report in two stages at least with a gap of 3 months between them.
6.7	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 only after successful completion of theory and practical course with the approval of PRC not earlier than 40 weeks from the date of registration of the project work. The candidate has to pass all the theory and practical subject before submission or the thesis.
6.8	Three copies of the project thesis certified by the supervisor shall be submitted to the college.
6.9	The thesis shall be adjudicated by the examiner selected by the principal. For this the HOD shall submit a panel of 5 eminent in that field, with the help of the guide concerned.
6.10	If the report of the examiner is not favorable, the candidate shall revise and resubmit the thesis, in 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
6.11	If the report of the examiner is favorable viva-voce examination shall be conducted by a board consisting of the supervisor, Head of the department and the examiner who adjudicated the thesis. The board shall jointly report the candidate work as one of the following. <div style="text-align: center;"> A. Excellent B. Good C. Satisfactory D. Unsatisfactory </div> The head of the department shall coordinate and make arrangements for the conduct of Viva-Voce examination.
6.12	If the Report of the viva-voce is unsatisfactory report at the second viva-voce examination, the candidate has to register for the project and complete the project within the stipulated time after taking the approval from the principal

7.0	AWARD OF GRADE AND DEGREE				
7.1	METHOD OF AWARDING LETTER GRADE AND GRADE POINTS FOR A COURSE				
	A letter grade and grade point will be awarded to a student in each course based on performance as per grading system given below, subject to minimum Academic Regulations.				
	Theory/Drawing/ Projects/ summer Internship (%) Total (Internal+External)	Laboratory (%) / Workshop Total (Internal+External)	Grade points	Letter Grade	Remarks
	Percentage of Marks ≥ 90	Percentage of Marks ≥ 90	10	O	OUT STANDING
	≥ 80 & < 90	≥ 80 & < 90	9	A+	EXCELLENT
	≥ 70 & < 80	≥ 70 & < 80	8	A	VERY GOOD
	≥ 60 & < 70	≥ 60 & < 70	7	B+	GOOD
	≥ 50 & < 60	≥ 50 & < 60	6	B	AVERAGE
	< 50	< 50	F	F(Fail)	FAIL
	Absent		Ab	Ab	ABSENT
7.2	CALCULATION OF SEMESTER GRADE POINT AVERAGE (SGPA)				
	<p>The performance of each student at the end of the each semester is indicated in terms of GPA. The SGPA is calculated as below</p> $SGPA = \frac{\sum (CR \times GP)}{\sum CR}$ <p>Where CR = Credits of a course GP = Grade points awarded for a course *GPA is calculated for the candidates who pass all the course in that year/semester. ** SGPA is calculated for the candidate who passed all the courses in that year/semester.</p>				
7.3	CALCULATION OF CUMULATIVE GRADE POINT AVERAGE (CGPA) FOR ENTIRE PROGRAMME				
	<p>The CGPA is calculated as below</p> $CGPA = \frac{\sum (CR \times GP)}{\sum CR} \quad \text{for entire programme}$ <p>Where CR= Credits of a course GP = Grade points awarded for a course</p>				
7.4	AWARD OF DIVISION				
	<p>A student who has passed all the examinations and satisfied all the requirement prescribed for the program shall be eligible for the award of M.Tech. Degree & he shall be placed in a grade / division as given below.</p> <p>a. $CGPA \geq 7.5$ Degree with Distinction b. $CGPA \geq 6.5$ AND < 7.5. Degree with First Class c. $CGPA \geq 5.5$ AND < 6.5 Degree with Second Class</p>				

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RMB 8.0	WITHHOLDING OF RESULTS
8.1	If the student has not paid the dues payable to the college or if any case of indiscipline is pending against him, the result of the student will be withheld. His degree also may be withheld. Malpractice Rules as per Annexure I.

RMC 9.0	TRANSITORY REGULATIONS
9.1	Refer Annexure II
9.2	JNTUK CIRCULAR DAP/B1 TRANSFERBOF STUDENTS/2015-16 Dt. 29.12.2015

RMC 10.0	GENERAL
10.1	The academic regulation should be read as a whole for the purpose of any interpretation.
10.2	In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the chairman Academic Council shall be final.
10.3	The college may change or amend the academic regulations or syllabus at any time and the changes or amendments made shall be applicable to all the students with effect from the dates notified by the college.
10.4	Wherever the word he him or his occur, it will also include she her hand hers.

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ANNEXURE – I

MALPRACTICES RULES

DISCIPLINARY ACTION FOR / IMPROPER CONDUCT IN EXAMINATIONS

	NATURE OF MALPRACTICES / IMPROPER CONDUCT	PUNISHMENT
	IF THE CANDIDATE:	
MPR 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.
MPR-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 The hall Ticket of the candidate shall be cancelled
MPR- 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 practical(s) 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 semester from class and all semester end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with

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		forfeiture of seat. If the imposter is an outsider, he will be handed over to the police and a case is registered against him.
MPR-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 semester end examinations. The continuation of the course by the candidate is subject to the academic regulations in connection with forfeiture of seat.
MPR-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.
MPR-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 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.

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MPR-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 subjects of that semester/year. The candidate is also debarred for two consecutive semesters from class work and all semester end examinations. The continuation of the course by the candidate is subject to the academic regulation with forfeiture of seat.
MPR-8	Possess any lethal weapon or firearm in 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 subjects of that semester/year. The candidate is also debarred forfeits the seat
MPR-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 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 subjects of that semester/year. The candidate is also debarred for seat. Person(s) who do not belong to the College will be handed over to police and, a police case will be registered against them.
MPR-10	Comes in a drunken condition to the examination hall	Expulsion from 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 subjects of that semester/year
MPR-11	Copying detected on the basis of internal evidence, such as , during valuation or during special scrutiny.	Cancellation of performance in that subject and all the other subjects the candidate has appeared including practical examinations and project work of that semester/year examinations.
MPR-12.	If any malpractice is detected which is not covered in the above clauses 1 to 11 shall be reported to the Academic council for further action to award suitable punishment	

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ANNEXURE – II

**TRANSITORY REGULATIONS FOR UG/PG STUDENTS SEEKING
RE-ADMISSION INTO 2014 REGULATIONS**

(Detained due to shortage of attendance / lack of credits in earlier Regulations)

1. The student has to continue the course work along with the regular students of the respective semester in which the student gets re-admission. Prior approval from JNTUK should be obtained before –admission of a candidate through Transitory Regulations.
2. Substitute / compulsory subjects shall be offered in place of subjects that are already studied earlier. The student has to register for those specific subjects. The Chairman BOS and chairman Academic Council are to consult JNTUK and obtain authorization to offer alternative subjects in new regulation.
3. The mode of internal evaluation (i.e., in course assessments) and external evaluation (i.e., end semester examinations) shall be on par with the regular students, i.e., the student has to follow the new mode of internal evaluation and the new question paper model for the end-semester examinations along with the regular students of the respective semester in which the student gets re-admission. However, the affiliating university's approval is to be obtained before such re-admission on case to case basis.
4. For the subjects studied under earlier regulations but failed, the student has to appear, pass and acquire credits from the supplementary examinations with-in the time provided by the affiliating university.
5. The promotion criteria based on attendance as well as credits shall be in accordance with the regulations under which the student is re-admitted into the New Regulation Specific to the New subjects/ Substitute subjects in the new regulation as approved by JNTUK.
6. Credits already awarded and approved as per new regulation will be pro-rated in terms of new-credits system. To be eligible for the award of the degree, the student shall complete the attendance requirements and appear for the end semester examination in all the course as per new regulation, including the substitute/compulsory course as pre scribed in the transitory course structure and shall acquire at least the minimum of stipulated credits. If a Student in such exercise crosses the said minimum no of credits, the lowest marks/grades scored will be excluded for calculating final grade. The affiliating university's decision is final in this regard.
7. All other academic requirement shall be in accordance with the regulation under which the student was re-admitted.
8. The decision of the affiliating university is final and is binding on the transitory students on any clarification / query / doubt and whatsoever the decision of the affiliating university-JNTUK is final.