

K.L.University
Vaddeswaram-522501 (A.P) INDIA

M.Tech. ACADEMIC REGULATIONS

**Applicable for students admitted into
M.Tech. (Regular) from 2011-2012**

ACADEMIC REGULATIONS
FOR THE AWARD OF FULL TIME M.Tech. DEGREE
(WITH EFFECT FROM THE ACADEMIC YEAR 2011-12)

The K.L University, Vaddeswaram shall confer M.Tech. Post graduate degree to candidates who are admitted to the Master of Technology Programs and fulfill all the requirements for the award of the degree.

1.0 ELIGIBILITY FOR ADMISSIONS:

Admission to the M.Tech programme shall be made subject to the eligibility, qualifications and specialization prescribed by the University for each programme, from time to time.

- 1.1. Admissions shall be made either on the basis of merit rank obtained by the qualifying candidates at an Entrance Test conducted by the K.L.University or on the basis of GATE / PGECET score, subject to reservations prescribed by the University or Government policies from time to time.

2.0 COURSE WORK:

- 2.1 A Candidate after securing admission must pursue the M.Tech. course of study for Four semesters duration.
- 2.2 Each semester shall be of 90 instructional days
- 2.3 A candidate admitted to a programme should complete it within a period equal to twice the prescribed duration of the programme from the date of admission.

3.0 ELIGIBILITY

- 3.1 A candidate shall be deemed to have eligibility to write Comprehensive examinations if he has put in at least 75% of attendance and 40% of internal marks in each course/courses in the semester and detention will be course based.
- 3.2 Condonation of shortage of attendance up to 10% i.e., from 65% and above and less than 75% may be given by the university on the recommendation of the Dean Academics.
- 3.3 Condonation of shortage of attendance maybe granted only on genuine and valid medical reasons on representation by the candidate with supporting evidence.

- 3.4 If the candidate does not satisfy the attendance requirement he is detained for want of attendance and shall reregister again for that course.

4.0. EVALUATION:

The performance of the candidate in each semester shall be evaluated course wise, with a maximum of 100 marks for pure Theory courses and 100 marks for theory and practicals, on the basis of continuous Internal Evaluation and Semester end comprehensive Examination.

- 4.1.1 For the theory courses 60% of the marks will be for comprehensive Examination while 40% of the marks will be for continuous Internal Evaluation as given in the table below.
- 4.2 For practical courses, 60 marks shall be for the Comprehensive examinations and 40 marks will be for internal evaluation based on the day to day performance.
- 4.3 For Seminar there will be an internal evaluation for 50 marks. A candidate has to secure a minimum of 50% to be declared successful. The assessment will be made by a board consisting of HOD and two internal experts at the end of semester instruction.
- 4.4 A candidate shall be deemed to have secured the minimum academic requirement in a course if he secures a minimum of 40% of marks in the End Examination (separately in the theory and lab components). The same is applicable for laboratory courses also.
- 4.5 In case the candidate does not secure the minimum academic requirement in any of the courses (as specified in 4.4.) he has to reappear for the Comprehensive Examination either supplementary or regular in that course, or repeat the course when next offered or do any other specified course as may be required.

Distribution of Weightage

S.No	Nature of examination	Marks %	Type of examination and mode of Assessment		Scheme of examination
1	*Theory	60	Comprehensive examination (Semester end examination)		This examination question paper in theory courses will be for a maximum of 60 marks.
		40	20	Test - 1	2 mid - exams each for 20 marks and of 1 1/2 hr duration are to be conducted. For a total of 20 marks, 75% of better of the two and 25% of the other are added and reported.
				Test - 2	
			5	Assignment Test	6 Questions to be released in advance. 2 Questions allotted by Examiners choice to be answered. duration 45 min
			5	Home Assignments	Average of Home Assignments minimum 2 per course
			5	Surprise Quiz/Test	Average of a maximum of two surprise quizzes per course
			5	Attendance/Class notes	5 marks are allotted for attendance and class notes
2	*Practical	60	semester - end Lab examination		60 marks are allotted for semester end laboratory/drawing examination.
		40	20	Internal evaluation	Mid term Lab Tests in lab experiments/drawing/Job works and Record
			15	Internal evaluation	Continuous Viva Voce evaluation
			5 marks		Attendance.
3	Dissertation work Semester-III & IV	100%	300	Internal evaluation External evaluation	Two Status reports and two seminars in first semester-50 marks Two Status reports and two seminars in second semester-50 marks Final report-100marks Viva-voce-100 m

- *Note: 1. For pure Theory & pure Lab courses follow the above evaluation
2. For Combined Theory & Lab courses follow the proportion rule as given below
a) 3-0-2 nature Theory Credits & Lab Credits are in 3:1 ratio Hence the Internal marks evaluated for Theory & Lab as above to be divided in the ratio 3:1 and clubbed
b) 3-1-2 nature Theory & Lab credits are in 4:1 ratio. Hence the Internal marks evaluated for Theory & Lab as above to be divided in the ratio 4:1 and clubbed.

5.0 EVALUATION OF DISSERTATION/PROJECT

Every candidate shall be required to submit Dissertation after taking up a topic approved by the Dept/University

- 5.1 Registration of Dissertation/Project: A candidate is permitted to register for the Dissertation either in Campus/Industry/Research institute, provided when he is not detained in more than 2 courses out of 1st and 2nd Semester course work .
- 5.2 An Internal Departmental Committee (I.D.C) consisting of HOD, Supervisor and one internal senior expert shall monitor the progress of the Dissertation/Project
- 5.3 The work on the Dissertation shall be initiated in the penultimate semester and continued in the final semester. The duration of the Dissertation/Project is spread over two semesters. The candidate can submit Dissertation/Project with the approval of I.D.C. at the end of 4th semester. Extension of time within the total permissible limit for completing the programme is to be obtained from the Dean academics.
- 5.4 The student must submit status report at least in three different phases during the project work period. These reports must be approved by the I.D.C before submission of the Project Report.
- 5.5 A candidate shall be allowed to submit the Dissertation / Project only after passing in all the prescribed courses (both theory and practical) and then take viva voce examination of the project. The viva-voce examination may be conducted once in two months for all the candidates submitted during that period.
- 5.6 Four copies of the Dissertation / Project certified in the prescribed format by the supervisor & HOD shall be presented to the H.OD. One copy is to be forwarded to the University library and one copy to be sent to the examiner remaining will be with Dept office and Supervisor.

- 5.7 The Department shall submit a panel of three experts for a maximum of 5 students at a time. However, the Dissertation/Project will be adjudicated by one examiner nominated by the Vice Chancellor.
- 5.8 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 Dissertation / Project. The board shall jointly report candidates work as based on the total marks obtained for Dissertation/Project through both internal evaluation and external valuation.

If the report of the viva-voce is not satisfactory the candidate will retake the viva-voce examination after three months. If he fails to get a satisfactory report at the second viva-voce examination he will not be eligible for the award of the degree unless the candidate is permitted to revise and redo the Dissertation/Project.

6.0 AWARD OF DEGREE AND CLASS:

A candidate shall be eligible for the award of respective degree if he satisfies the minimum academic requirements in every course and secures 'satisfactory' or higher grade in the courses/report on his Dissertation/dissertation and viva-voce.

For the award of M.Tech degree a student must have earned stipulated credits (as approved by respective B.O.S) and obtained a minimum CGPA of 5.5.

M.Tech Degree with Second class will be offered to those having $CGPA < 6.5$

M.Tech Degree with First class will be offered to those having $CGPA \geq 6.5$

and first class with distinction will be offered to those having $CGPA \geq 7.5$ Provided the student has cleared all the courses in first attempt within the stipulated time

At the end of all evaluation components based on the performance of the student in courses and seminars, each student is awarded with **letter grade** on a **relative scale**. The list of letter grades and its connotation are given below:

Grade	Qualitative Meaning	Grade attached	Point
<i>X</i>	Excellent	10	
<i>A</i>	Very Good	8	
<i>B</i>	Good	7	
<i>C</i>	Fair	6	
<i>D</i>	Satisfactory	5	
<i>E</i>	Pass	4	
<i>F</i>	Fail	0	

The grades 'X' and 'F' will be earned and remaining grades will be awarded. For grading Dissertation work follow the procedure specified in 5.8 to an individual student. A student scoring 80% or more of overall score will earn an 'X' grade.

A student getting less than 50% of overall score and 40% in the comprehensive examination will be considered to have earned F grade.

7.0 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.

8.0 Betterment

A candidate having low SGPA / CGPA can reappear in the end examination when he has obtained C or D grade for improvement before the completion of M.Tech programme. The internal evaluation components in such case will be carried forward and grading will be done with the current batch of students. However the grades obtained out of improvement will not be considered for award of distinction or Gold medal.

9.0 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 courses as and when courses are offered. Whereas he continues to be in the academic regulations he was first admitted.

**COURSE STRUCTURE FOR TWO YEAR M.TECH P.G PROGRAMME
2010-12 batch onwards**

I Semester							II Semester						
S No	Course Code	Course Title	L	T	P	Cr.	S No	Course Code	Course Title	L	T	P	Cr
1		Core1	3	1	2	5	1		Core 5	3	1	2	5
2		Core2	3	1	2	5	2		Core6	3	1	0	4
3		Core3	3	1	0	4	3		Core7	3	1	0	4
4		Core 4	3	1	0	4	4		Core8	3	1	0	4
5		Elective 1	3	0	0	3	5		Elective-3	3	0	0	3
6		Elective 2	3	0	0	3	6		Elective-4	3	0	0	3
7		Seminar	0	0	4	2	7		Term paper	0	0	4	2
		Total Credits				26			Total Credits				25

III Semester & IV Semester		
Sl No	Course	Credits
1	Dissertation work	36

Total Credits=87

* Whether to include lab component in a core course or not is left to the discretion of individual BOS depending on the requirement. If lab component is included the course carries 5 credits otherwise all theory courses shall be for a maximum of 4 credits.

* Common 3-0-0 pattern will be followed for all Elective courses

* The weightage for the lab component in the T-L structure is decided proportional to the credits offered for theory and lab.

*The evaluation procedure for Dissertation spreading over two semesters shall be strictly in accordance with the regulations 5.0

10.0 GENERAL:

- i. The academic regulations should be read as a whole for purpose of any interpretation.
- ii. Malpractices rules- nature and punishments is appended.
- iii. Where the words “he”, “him”, “his”, occur in the regulations, they include “she”, “her”, “hers”.
- iv. In the case of any doubt or ambiguity in the interpretation of the above rules, the decision of the Vice-Chancellor is final.
- v. The University may change or amend the academic regulations or syllabi at any time and the changes or amendments shall be made applicable to all the students on rolls with effect from the dates notified by the University.
