

K.L.N. COLLEGE OF ENGINEERING
Pottapalayam-630612, Sivagangai District
(An Autonomous Institution, Affiliated to Anna University, Chennai)
REGULATIONS 2024
For Post Graduate Programs (M.E & M.C.A)

AMENDMENT - I

(Applicable for the students admitted from the Academic Year 2025-2026 onwards)

Amendments to the Regulations 2024 (CBCS) for the PG programmes (M.E & M.C.A) offered in K.L.N. College of Engineering, Affiliated to Anna University, Chennai, approved in eleventh Academic Council Meeting held on 11.10.2025.

Existing**3.9 Online Courses**

Students may be permitted to credit a maximum of two or more online courses subject to a maximum of six credits in lieu of professional elective / open elective courses of curriculum as approved by the BoS and Chairperson, Academic Council. Students are permitted to optionally enroll and study these courses through SWAYAM / NPTEL platforms and credit transfer is to be done based on the marks and certificate provided by the NPTEL. The number of credits and transfer of credits are based on the procedure explained in Table 3.3 and the Mapping of the marks with the grades is explained in Table 3.4. The mapping of marks with grades is applicable, only if the student passes the course as per the guidelines of NPTEL. If a student has successfully completed more number of credits than the required credit for open /professional elective, the higher grade point will be given more weightage. For example, if a student has successfully completed 2 eight week online courses, then the computation of Grade point for dropping one PE/OE in lieu of those online courses is as follows:

Grade point = (2 credits * higher grade point obtained + 1 Credit * lower grade point obtained) / 3 credits.

Table 3.3. Duration of the Course and Number of Credits

S.No.	Number of Weeks	Number of Credits
1	4	1
2	8	2
3	12	3
4	16	4

Table 3.4. Mapping of Marks scored in NPTEL course and grades earned

Letter grades	Marks
O	90-100
A+	80-89
A	70-79
B+	60-69
B	50-59
C	40-49
U	<40

Copies of the Online Course certificates should be submitted to the COE through Head of the Department.

Revised**3.9 Online Courses**

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S.No.	Number of Weeks	Number of Credits
1	4	1
2	8	2
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4	16	4

Table 3.4. Mapping of Marks scored in NPTEL course and grades earned

Letter grades	Marks
S	91-100
A+	81-90
A	71-80
B+	61-70
B	51-60
C+	46-50
C	40-45
U	<40

Copies of the Online Course certificates should be submitted to the COE through Head of the Department.

4. DURATION AND STRUCTURE OF THE PROGRAMMES

4.1 The minimum and maximum period for completion of the P.G. Programmes are mentioned in Table 4.1.

Table 4.1 Duration of PG Programmes

Programme	Minimum Number of Semesters	Maximum Number of Semesters
M.E.	4	8
M.C.A. *	4	8

* Bridge courses are to be conducted for students from non-computer science background.

4.2 The Curriculum and Syllabi of all the P.G. Programmes shall be approved by the Academic Council of the college. The number of credits to be earned for the successful completion of the programme shall be as specified in the Curriculum of the respective specialization of the P.G. Programme.

4.3 Each semester shall normally consist of 75 working days or 540 periods of each 50 minutes duration. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught. For the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 10) by students, following method shall be used.

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per Semester}}{(\text{No. of periods per week as prescribed in the curriculum}) \times 15} \times 100$$

taken together for all courses of the semester)

End Semester Examinations conducted by COE will be scheduled after the last working day of the semester.

4. DURATION AND STRUCTURE OF THE PROGRAMMES

4.1 (i) Duration of the programme is TWO years (Four Semesters). The student shall successfully complete all the requirements as per the curriculum and regulations of the programme within the above-said duration of 'TWO' years.

(ii) Above mentioned period in Clause 4.1 (i) shall be extended for 'ONE' more year to a student, who is permitted to avail the authorised break of study or opt for dropping of courses, as per the regulations.

(iii) 'Programme Completion' means that a student shall undergo all the courses as prescribed in the respective curriculum and become eligible for appearing in the end semester examination of all the courses within the period as given in Clauses 4.1 [(i) & (ii)].

(iv) After programme completion if there are any arrear course(s), a student shall be permitted to successfully complete the same, within 'FOUR' years. This maximum duration for successful completion shall be reckoned from the commencement of first semester of the programme.

(v) In case of a student prevented from appearing in the end semester examination in all the courses of a semester due to shortage of attendance, the period of prevention shall be treated as a break in the programme. In such a case, total duration for completing the programme including all such prevention periods shall not exceed the above-said 'FOUR' years.

4.2 The Curriculum and Syllabi of all the P.G. Programmes shall be approved by the Academic Council of the college. The number of credits to be earned for the successful completion of the programme shall be as specified in the Curriculum of the respective specialization of the P.G. Programme.

4.3 Each semester shall normally consist of 90 working days or 540 periods of 45 or 50 minutes duration each. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught. For the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 10) by students, following method shall be used.

	Percentage of Overall Attendance $= \frac{\text{Actual No. of periods attended in all registered courses (AP)}}{\text{Total No. of periods conducted in all registered courses (TP)}} * 100$ End Semester Examinations conducted by COE will be scheduled after the last working day of the semester.
10. ATTENDANCE REQUIREMENTS FOR COMPLETION OF A SEMESTER 10.1 A student who has fulfilled the following conditions shall be deemed to have satisfied the attendance requirements for completion of a semester. Ideally every student is expected to attend all classes and earn 100% attendance. However, in order to allow provision for certain unavoidable reasons such as prolonged hospitalization / accident / specific illness the student is expected to earn a minimum of 75% attendance to become eligible to write the End-Semester Examinations. Therefore, every student shall secure not less than 75% of overall attendance in that semester as per clause 4.3. 10.2 However, a student who secures overall attendance between 65% and 74% in that current semester due to medical reasons (prolonged hospitalization / accident / specific illness) / participation in sports events may be permitted to appear for the current semester examinations subject to the condition that the student shall submit the medical certificate / sports participation certificate to the Head of the Institution. The same shall be forwarded to the Controller of Examinations for record purposes. 10.3 Students who secure less than 65% overall attendance will not be permitted to write the end-semester examination of that current semester and are not permitted to go to next semester. They are required to repeat the incomplete semester in the next academic year.	10. ATTENDANCE REQUIREMENTS FOR COMPLETION OF A SEMESTER 10.1 A student who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester. Ideally every student is expected to attend all classes of all the courses and secure 100% attendance. However, in order to give provision for certain unavoidable reasons such as Medical / participation in sports, the student is expected to attend atleast 80% of the classes. Therefore, he/she shall secure not less than 80% (after rounding off to the nearest integer) of overall attendance as calculated as per clause 4.3. 10.2 For medical reasons, if a student is not able to attend classes, 'Medical Certificate' shall be furnished to the Head of the Institute concerned, within 5 days from the date of reporting back for class work. In the event of student not able to secure 80% attendance, but has at least 70% attendance, such 'Medical Certificate' shall be considered, with the approval of the respective Head of the Department. In this case, the overall percentage of attendance in all the registered courses in a semester is calculated from clause 4.3 with inclusion of 'number of periods during the medical emergency (MEP)' as below; $\% \text{ of Overall Attendance} = \left(\frac{AP}{TP - MEP} \right) * 100$ The student shall be permitted to appear in the End Semester Examinations, if the overall attendance in each registered course is 75% and above. 10.3 The student shall be prevented from appearing in the end semester examination for all courses in a semester, if the overall attendance secured by a student is less than 80% as per clause 10.1 or if the overall attendance in each registered course is less than 75% as per clause 10.2. Such prevented student shall not be permitted to go to next

semester. Importantly, such prevented student shall be permitted to rejoin the programme in the semester of prevention, during only in the next academic year and undergo all the courses.

15 AWARD OF LETTER GRADES

15.1 The award of letter grades will be decided using relative grading principle except Laboratory Courses and Project Work. The performance of a student will be reported using letter grades, each carrying certain points as specified in Table 15.1.

Table 15.1 Award of Letter Grades

Letter Grade	Grade Points
O (Outstanding)	10
A+ (Excellent)	9
A (Very Good)	8
B+ (Good)	7
B (Average)	6
C (Satisfactory)	5
U (Re-appearance)	0
SA (Shortage of Attendance)	0
W (Withdrawal)	0

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: “O”, “A+”, “A”, “B+”, “B”, “C”.

‘SA’ denotes shortage of attendance (as per clause10.3) and hence Prevention from writing the end semester examinations. ‘SA’ will appear only in the result sheet.

“U” denotes that the student has failed to pass in that course. “W” denotes withdrawal from the exam for the particular course. The grades U and W will figure both in the Grade Sheet as well as in the Result Sheet. In both cases, the student has to appear for the End Semester Examinations as per the Regulations.

If the grade U is given to Theory Courses / Laboratory Courses it is not required to satisfy the attendance requirements (vide clause10), but has to appear for the end semester examination and fulfill the norms specified in clause 14 to earn a pass in the respective courses. If the grade U is given

15 AWARD OF LETTER GRADES

15.1 The award of letter grades will be decided using absolute grading for all the courses. The performance of a student will be reported using letter grades, each carrying certain points. The grade points and marks range are specified in Table 15.1.

Table 15.1 Award of Letter Grades

Letter Grade	Grade Points	Marks range
S (Outstanding)	10	91- 100
A+(Excellent)	9	81-90
A (Very Good)	8	71-80
B+ (Good)	7	66-70
B (Above Average)	6.5	61-65
C+ (Average)	6	56-60
C (Satisfactory)	5	50-55
U (Reappearance)	0	<50
W (Withdrawal)	0	-
SA (Shortage of Attendance)	0	-

A student is deemed to have passed and acquired the corresponding credits in a Particular course if he/she obtains any one of the following grades: “O”, “A+”, “A”, “B+”, “B”, “C+”, “C”.

‘SA’ denotes shortage of attendance and hence prevented from writing End Semester Examination.

“U” denotes that the student has failed to pass in that course. “W” denotes withdrawal from the exam for the particular course. The grades and W will figure both in Grade Sheet as well as in Result Sheet. If the grade W is given to course, the attendance requirement need not be satisfied.

If the grade U is given to Theory Courses / Laboratory Courses it is not required to satisfy the attendance requirements (vide clause10), but has to appear for the end semester examination and fulfill the norms

to Project work, the course has to be registered again and attendance requirement (vide clause 10) should be satisfied.

If the grade U is given to EEC course (except project work), which are evaluated only through internal assessment, the student shall register for the course again in the subsequent semester fulfill the norms as specified in Clause 14 to earn pass in the course. However, attendance requirement need not be satisfied.

15.1.1 Relative Grading

For those students who have passed the course (theory course / laboratory integrated courses / theory integrated courses / all other EEC except laboratory course / Project Work Courses), the relative grading shall be done. Only the marks of the passed students shall be uploaded in the software given by Anna University, Chennai for grade generation under relative grading.

15.1.2 Absolute Grading

- In all the courses, if the number of students passed is less than or equal to 30 then absolute grading shall be followed with the grade range as specified in the Table.
- For the Laboratory Courses, Mini Project, Project Work / Internship, Value Added Course, and other EEC courses which are evaluated through internal assessment only, absolute grading procedure shall be followed as given in the Table 15.2 irrespective of the number of students who have passed the course

Table 15.2 Grade Range for absolute grading

O	A+	A	B+	B	C	U
91-100	81-90	71-80	61-70	56-60	50-55	<50

15.2 The grades O, A+, A, B+, B, C obtained for the one / two credit courses (not part of curriculum) under the title 'Value Added Courses' and 'internship/industrial training' (if not part of curriculum) shall figure in the Grade Sheet. For these courses if the grades obtained are U, SA, it will not figure in the Grade Sheet.

specified in clause 14 to earn a pass in the respective courses. If the grade U is given to Project work, the course has to be registered again and attendance requirement (vide clause 10) should be satisfied.

If the grade U is given to EEC course (except project work), which are evaluated only through internal assessment, the student shall register for the course again in the subsequent semester fulfill the norms as specified in Clause 14 to earn pass in the course. However, attendance requirement need not be satisfied.

15.2 The grades O, A+, A, B+, B, C+, C obtained for the one / two credit courses (not part of curriculum) under the title 'Value Added Courses' and 'internship/industrial training' (if not part of curriculum) shall figure in the Grade Sheet. For these courses if the grades obtained are U, SA, it will not figure in the Grade Sheet.

15.5.1 The CGPA earned shall be converted into percentage of marks as follows: Percentage of Marks = CGPA X 10.	15.5.1 The CGPA earned shall be converted into percentage of marks as follows: Percentage of Marks = CGPA X 10. The percentage of marks shall be printed in the grade sheet
17 CLASSIFICATION OF THE DEGREE AWARDED 17.1 FIRST CLASS WITH DISTINCTION: A Student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction: • Should have passed the examination in all the courses of all the four semesters in the student's First Appearance within three years, which includes authorized break of study of one year (if availed). Withdrawal from examination (vide Clause 18) will not be considered as an appearance. • Should have secured a CGPA of not less than 8.50 • Should NOT have been prevented from writing end Semester examination due to lack of attendance in any of the courses. 17.2 FIRST CLASS A student who satisfies the following conditions shall be declared to have passed the examination in First class: M.E. and M.C.A (Full Time) • Should have passed the examination in all the courses of all four semesters within three years, which includes one year of authorized break of study (if availed) or prevention from writing the End Semester Examination due to lack of attendance (if applicable). • Should have secured a CGPA of not less than 6.50. 17.3 SECOND CLASS All other students (not covered in clauses 17.1 and 17.2) who qualify for the award of the degree (vide Clause16.1) shall be declared to have passed the examination in Second Class.	17 CLASSIFICATION OF THE DEGREE AWARDED A student is deemed to have completed the requirements for the award of degree, if the student has: • Successfully completed all courses as per the respective curriculum of the discipline satisfying the minimum credit requirement and other academic requirements for the programme. • No pending disciplinary action against him / her. 17.1 FIRST CLASS WITH DISTINCTION: A Student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction: (i) Should have passed the examination of all the courses prescribed in curriculum of the respective programme in the 'FIRST APPEARANCE' itself, within the prescribed duration as per Clauses 4.1 (i), and 4.1 (ii) of this regulations. (ii) Should have secured a CGPA of not less than 8.50 (iii) Should not have been prevented from appearing for any end semester examination(s), for the courses prescribed in the curriculum. 17.2 FIRST CLASS A student who satisfies the following conditions shall be declared to have passed the examination in First class: (i) Should have passed the examination of all the courses prescribed in curriculum of the respective programme, within the prescribed duration as per Clauses 4.1 (i), and 4.1 (ii) of this regulations. (ii) Should have secured a CGPA of at least 6.50.

17.4 A student who is absent in End Semester Examination in a course / project work after having registered for the same shall be considered to have appeared in that examination (except approved withdrawal from end semester examinations as per clause 18) for the purpose of classification.	(iii) Should not have been prevented from appearing for end semester examination. 17.3 SECOND CLASS A student who fulfils the following criteria shall be declared to have successfully completed the degree programme as ‘Second Class’ (A) (i) Should have passed the examination of all the courses within the prescribed duration as per Clauses 4.1 (i), and 4.1 (ii) of the regulations. (ii) Has secured a CGPA below 6.50. (OR) (B) Should have passed the examination of all the courses within the prescribed duration as per Clause 4.1 (iv) of the regulations. 17.4 A student who is absent in End Semester Examination in a course / project work after having registered for the same shall be considered to have appeared in that examination (except approved withdrawal from end semester examinations as per clause 18) for the purpose of classification.
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