

K.L.N. COLLEGE OF ENGINEERING

Pottapalayam-630612, Sivagangai District

(An Autonomous Institution, Affiliated to Anna University, Chennai)

UG – REGULATIONS 2020 AMENDMENTS III

Amendments to the Regulations 2020 (CBCS) for the UG programmes offered in K.L.N. College of Engineering, Affiliated to Anna University, Chennai, approved in seventh Academic Council Meeting held on 13.05.2023.

Existing	Revised																						
<p>4.8 Value Added Courses</p> <p>All the students have to undergo atleast one Value Added Course to earn 1 or 2 credits over and above the total credit requirement prescribed in the curriculum for the award of the degree. One-Credit / Two-Credit courses can be offered by the departments during pre-final year of the programme, with the prior approval from the Chairperson, Academic Council.</p> <p>It is to be noted that the Value added courses offered should not be a course listed in the curriculum of any programme offered in the Institution. The details of the syllabus, time table and faculty should be approved by the Chairperson, Academic Council. Students can take a maximum of two 1-credit courses (15 periods each) or one 2 - credits course (30 periods) during the entire duration of the Programme.</p>	<p>4.8 Value Added Courses & Skill Based Courses</p> <p>4.8.1 Value Added Courses</p> <p>All the students have to undergo atleast one Value Added Course to earn 1 or 2 credits over and above the total credit requirement prescribed in the curriculum for the award of the degree. One-Credit / Two-Credit courses can be offered by the departments during pre-final year of the programme, with the prior approval from the Chairperson, Academic Council. It is to be noted that the Value added courses offered should not be a course listed in the curriculum of any programme offered in the Institution. The details of the syllabus, time table and faculty should be approved by the Chairperson, Academic Council. Students can take a maximum of two 1-credit courses (15 periods each) or one 2 - credits course (30 periods) during the entire duration of the Programme.</p> <p>4.8.2 Skill Based Courses :</p> <p>Students shall undergo industry relevant skill based courses. These skill based experiential learning courses will be offered in two categories as purely Laboratory Based Courses and Theory Integrated Laboratory Courses with the following credits.</p> <table border="1"><thead><tr><th>S.No</th><th>Category</th><th>L</th><th>T</th><th>P</th><th>C</th></tr></thead><tbody><tr><td rowspan="2">i.</td><td rowspan="2">Laboratory Courses</td><td>0</td><td>0</td><td>4</td><td>2</td></tr><tr><td>0</td><td>0</td><td>2</td><td>1</td></tr><tr><td>ii</td><td>Theory integrated Laboratory Course</td><td>1</td><td>0</td><td>2</td><td>2</td></tr></tbody></table> <p>These courses are handled by the industry persons or the industry trained faculty members along with one mentor from the firm. Every student shall enrol for one course in a semester under this scheme. A student may accumulate up to 6 credits through such courses, and such credits will be considered in lieu of the Professional Elective and/or Open Elective courses.</p>	S.No	Category	L	T	P	C	i.	Laboratory Courses	0	0	4	2	0	0	2	1	ii	Theory integrated Laboratory Course	1	0	2	2
S.No	Category	L	T	P	C																		
i.	Laboratory Courses	0	0	4	2																		
		0	0	2	1																		
ii	Theory integrated Laboratory Course	1	0	2	2																		

12.6 Assessment for Value Added Courses

- The one / two credit course shall carry 100 marks and shall be evaluated through **continuous assessments only**. Two Assessments shall be conducted during the semester by the Department concerned.
- The duration of assessment is one hour each. The total marks obtained in the tests shall be reduced to 100 marks and rounded to the nearest integer. The Head of the Department may identify a faculty member as coordinator for the course.
- A committee consisting of the Head of the Department, staff handling the course and a senior Faculty member nominated by the Head of the Institution shall monitor the evaluation process. The grades shall be assigned to the students by the above committee based on their relative performance. The coordinator for the course is responsible for maintaining and processing the records with regard to assessment marks and results.
- The passing requirement for value added courses shall be 50% of the marks prescribed for the course (Internal assessment only).
- The list of students along with the marks and the grades earned may be forwarded to the Controller of Examinations for appropriate action at least one month before the commencement of End Semester Examinations.

12.6 Assessment for Value Added Courses & Skill Based Courses

12.6.1 Assessment for Value Added Courses

- The one / two credit course shall carry 100 marks and shall be evaluated through **continuous assessments only**. Two Assessments shall be conducted during the semester by the Department concerned.
- The duration of assessment is one hour each. The total marks obtained in the tests shall be reduced to 100 marks and rounded to the nearest integer. The Head of the Department may identify a faculty member as coordinator for the course.
- A committee consisting of the Head of the Department, mentor from the firm and a senior Faculty member nominated by the Head of the Institution shall monitor the evaluation process. The grades shall be assigned to the students by the above committee based on their relative performance. The coordinator for the course is responsible for maintaining and processing the records with regard to assessment marks and results.
- The passing requirement for value added courses shall be 50% of the marks prescribed for the course (Internal assessment only).
- The list of students along with the marks and the grades earned may be forwarded to the Controller of Examinations for appropriate action at least one month before the commencement of End Semester Examinations.

12.6.2 Assessment for Skill Based Courses

A student may accumulate upto 6 credits through such courses, and such credits will be considered in lieu of the Professional Elective and/or Open Elective courses.

The evaluation of the skill based courses is fully internal and shall be jointly done by the course coordinator from the institution and the mentor from the firm. (a) If the course involves certification from the firm/company, then 20% of the total marks will be included in the internal assessment marks, 30% will be included from the marks provided by the firm and 50% shall be evaluated by the respective Course Coordinators of the college by conducting appropriate theory and / or laboratory tests. (b) If there is no certification from the firm/company, then 50% will be included from the marks provided by the firm and 50% shall be evaluated by the respective Course Coordinators of the college by conducting appropriate theory and / or laboratory tests.

Procedure to drop Professional Elective / Open Elective course(s) and computation of Grade point

A student is permitted to drop either 1 or 2 Professional Elective / Open Elective course(s) as per the procedure given below.

Table: 12.6.2 Procedure to drop Professional Elective / Open Elective course(s)				
No. of courses	Total No. of credits earned	Courses to be printed in the grade sheet	No. of Professional elective/open elective can be dropped	No. of credits considered for GPA/CGPA calculation
1	1/2	1	-	-
2	3/4	2	1	3
3	3/4/5	3	1	3
	6	3	2	6
<ul style="list-style-type: none"> • The credits earned by the student of the successfully completed Skill Based Courses shall be recorded in the grade sheet. • If a student has not successfully completed the skill based courses during the semesters V, VI and VII, then the same shall not be recorded in the grade sheet. • If a student earns 2 credits in Semester V and then enroll for another 2 credits in Semester VI, then he / she is permitted to drop one Professional elective/ open elective course in Semester VI. Further, if the student earns 4 credits upto Semester VI and enrolls for another 2 credits in Semester VII, then he/she is permitted to drop an additional professional elective/open elective course in the VII semester. • If the student has enrolled for skill based courses but has not successfully earned 4 or 6 credits and also dropped 1 or 2 PE/OE courses in anticipation of pass, then he/she has to enrol the PE/OE (as the case may be) to meet the total credit requirements to earn the degree. <p><u>Method for computation of Grade point of dropped PE / OE courses</u></p> <p>The method of Computation of Grade point for the dropped PE/OE courses is given below:</p> <ol style="list-style-type: none"> 1. If a student has successfully completed two Skill Based Courses, then the computation of Grade point for one PE/OE course dropped in lieu of those two skill based courses is as follows. Grade point = (2 credits * higher grade point obtained + 1 credit * lower grade point obtained) / 3 credits. For example, for two courses of two credit each, if the grades obtained are, Course 1– C grade – 5 points Course 2– O grade – 10 points Then, the grade point of the dropped course for the calculation of CGPA is obtained as: $(1 \times 5 + 2 \times 10) / 3 = 8.33$. One PE/OE course shall be dropped for 3 credits with grade point computed as above. 2. If a student has successfully completed three Skill Based 				

	<p>Courses, then the computation of Grade point for dropping two PE/OE in lieu of those three skill based courses is as follows:</p> <p>For three courses of two credit each</p> <p>Computation of Grade point of each of the two dropped PE/OE courses for the calculation of CGPA = Average grade point of three skill based courses.</p> <p>Two PE/OE courses shall be dropped of 3 credits each, with grade point computed as above.</p>
<p>17.0 Provision for withdrawal from examination</p> <p>17.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by Chairman, Sports Board, Anna University / Head of the Institution) be granted permission to withdraw from appearing for the end semester examination in any course or courses in ANYONE of the semester examinations during the entire duration of the degree programme.</p> <p>17.2 Withdrawal application shall be valid only if the student is otherwise eligible to write the examination and if it is made within TEN working days before the commencement of the end semester examination in that course or courses and also recommended by the Head of the department, approved by Head of the Institution and intimated to Controller of Examination.</p> <p>17.2.1 Notwithstanding the requirement of mandatory 10 days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.</p> <p>17.3 In case of withdrawal from a course / courses (Clause 13) the course will figure both in Marks Sheet as well as in Result Sheet. Withdrawal essentially requires the student to register for the course/courses. The student has to register for the course, fulfill the attendance requirements (vide clause 7), earn continuous assessment marks and attend the end semester examination. However, withdrawal shall not be considered as an appearance for the eligibility of a candidate for First Class with Distinction.</p> <p>17.4 Withdrawal is permitted for the end semester examinations in the final semester, only if the period of study the student concerned does not exceed 5 years as per clause 16.2.1.</p>	<p>17.0 Provision for withdrawal from examination</p> <p>17.1 A candidate, may for valid reasons, (medically unfit / unexpected family situations / sports approved by Chairman, Sports Board, Anna University / Head of the Institution) be granted permission to withdraw from appearing for the end semester examination of any one course or courses in ANYONE of the semester examinations during the entire duration of the degree programme.</p> <p>17.2 Withdrawal application is valid only if the student is otherwise eligible to write the examination and if it is made within 10 days prior to the commencement of the examination in that course or courses and recommended by the Head of the department, approved by Head of the Institution and intimated to Controller of Examination. For a student to withdraw from a course / courses, he/she should have registered for the course, fulfilled the attendance requirements (vide clause 7) and earned continuous assessment marks.</p> <p>17.2.1 Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.</p> <p>17.3 In case of withdrawal from a course / courses (Clause 13) the course will figure both in Marks Sheet as well as in Result Sheet. However, withdrawal shall not be considered as an appearance for the eligibility of a candidate for First Class with Distinction.</p> <p>17.4 If a student withdraws from writing end semester examinations for a course or courses, he/she shall register for the same in the subsequent semester and write the end semester examination(s).</p> <p>17.5 If a student applies for withdrawal from Project Work, he/she will be permitted for the withdrawal only after the submission of project report before the deadline. However, the student may appear for the viva voce examination within 30/60 days after the declaration of results for Project Work I and II respectively and the same shall not be considered as reappearance.</p> <p>17.6 Withdrawal is permitted for the end semester examinations in the final semester, only if the period of study the student concerned does not exceed 5 years as per clause 16.2.1.</p>

Revision in UG Amendments II:

11.2.4 The continuous internal assessment for the project work will carry **60 marks** while the End Semester examination will carry **40 marks**.

Table 12.1:

S.No	Category of Course	Continuous Assessments	End-Semester Examinations
1	Theory Courses	40 Marks	60 Marks
2	Laboratory Courses/Mini Project	60 Marks	40 Marks
3	Theory courses with Laboratory Component / Laboratory courses with Theory Component	50 Marks	50 Marks
4	Project Work	60 Marks	40 Marks
5	All other EEC Courses	100 Marks	-

12.

12.4.1 Project Work

Project work may be assigned to a single student or to a group of students not exceeding 4 per group.

Project work shall be carried out under the supervision of a “qualified teacher” (possessing PG Degree or Ph.D Degree) in the department concerned.

The maximum marks for **Continuous Assessment is fixed as 60** and the **End Semester Examination (project report evaluation and viva-voce examination) carries 40 marks** for project work.

The Head of the Department shall constitute a review committee for each programme. There shall be a minimum of three members in the review committee.

The project supervisor will be one of the members of the Review Committee.

There shall be three assessments during the semester by a review committee. The student shall make presentation on the progress made before the committee. The total marks obtained in the three Reviews shall be arrived to 60 marks.

The project report shall carry a maximum 10 marks. The project report shall be submitted as per the approved guidelines as given by Academic Council. Same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 30 for project work. Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

The continuous assessment and End Semester Examinations marks for Project Work and the Viva-Voce Examination will be distributed as indicated in Table 12.5.a.

Table 12.5.a. Assessment of Project Work

Continuous Assessment 60 Marks			End Semester Examination 40 Marks			
Review 1	Review 2	Review 3	Report Evaluation	Viva-Voce		
				External Examiner	Internal Examiner	Supervisor
20	20	20	10	10	10	10

Table 12.5.b. Assessment of Mini Project

Continuous Assessment 60 Marks			End Semester Examination 40 Marks			
Review 1	Review 2	Review 3	Report Evaluation	Viva-Voce		
				External Examiner	Internal Examiner	Supervisor
20	20	20	10	10	10	10