K.L.N. COLLEGE OF ENGINEERING

Pottapalayam-630612, Sivagangai District

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

UG – REGULATIONS 2020 AMENDMENTS

Amendments to the Regulations 2020 (CBCS) for UG programme (students admitted from the academic year 2021-2022 onwards) offered in K.L.N. College of Engineering, Affiliated to Anna University, Chennai, approved in fifth Academic Council Meeting held on 24.09.2022.

Existing	Revised
4.1 Categorization of Courses Every B.E./B.Tech. Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows: i. Humanities and Social Sciences (HS) courses include Technical English, Engineering Ethics and Human Values, Communication skills, Environmental Science and Engineering. ii. Basic Sciences (BS) courses include Mathematics, Physics, Chemistry, etc. iii. Engineering Sciences (ES) courses include Industrial Practices, Engineering Graphics, Basics of Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation etc. iv. Professional Core (PC) courses include the core courses relevant to the chosen specialization/branch. v. Professional Elective (PE) courses include the elective courses relevant to the chosen specialization / branch. vi. Open Elective (OE) courses include the courses from other branches which a student can choose from the list specified in the curriculum of B.E. / B. Tech. Programmes. vii. Employability Enhancement Courses (EEC) includes Project Work, Internship, Creative and Innovative Project, Seminar, Professional Practices, Industrial/Practical Training. Mandatory Courses (MC) include Personality and Character development and the courses recommended by the regulatory bodies such as AICTE, UGC, etc	**4.1 Categorization of Courses** Every B.E./B.Tech. Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows: i. Humanities and Social Sciences (HS) courses include Technical English, Engineering Ethics and Human Values, Communication skills, Environmental Science and Engineering. ii. Basic Sciences (BS) courses include Mathematics, Physics, Chemistry, etc. iii. Engineering Sciences (ES) courses include Industrial Practices, Engineering Graphics, Basics of Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation etc. iv. Professional Core (PC) courses include the core courses relevant to the chosen specialization/branch. v. Professional Elective (PE) courses include the elective courses relevant to the chosen specialization / branch. • Professional Elective Courses are listed in groups called verticals that represent a particular area of specialisation / diversified group. • Students are permitted to choose all the Professional Electives from a particular vertical or from different verticals. • Further, only one Professional Elective course shall be chosen in a semester horizontally (row-wise). vi. Open Elective (OE) courses include the courses from other branches which a student can choose from the list specified in the curriculum of B.E. / B. Tech. Programmes.

	vii. Employability Enhancement Courses (EEC) includes Project Work, Internship, Creative and Innovative Project, Seminar, Professional Practices, Industrial/Practical Training. Mandatory Courses (MC) include Personality and Character development and the courses recommended by the regulatory bodies such as AICTE, UGC, etc
4.2 Personality and Character Development All students shall enroll, on admission, in any one of the personality and character development programmes (NSS/NSO/YRC) and undergo training for about **80** hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid.	**4.2 Personality and Character Development** All students shall enroll, on admission, in any one of the personality and character development programmes NSS/NSO/YRC and undergo training / conduct activities for about 80 hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid. Alternately, activities of science, literature and arts also help for personality and character development. So, students shall conduct and participate actively in Science club/Literary Forum/Fine Arts activities for 80 hours and participate in at least ONE event.
4.8 VALUE ADDED COURSES 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.	**4.8 VALUE ADDED COURSES** The students have to undergo Value Added Courses 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 may be sent to the Academic Head and the Controller of Examinations after approval from the Head of the Institution, atleast one month before the course is offered. 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. # Students shall undergo the courses offered by

	naan muthalvan scheme. Such courses are also considered as value added courses.
4.9 ONLINE COURSES 4.9.1 Students may be permitted to undergo online courses (which are provided with certificates) with the approval of Head of the Department. 4.9.2 Students may be permitted to credit any approved online course instead of elective courses subject to a maximum of three credits for each course. The approved list of online courses will be provided by standing committee of Academic Council from time to time. The details of online courses taken by the students should be sent to the COE through HOD within one month from the commencement of the classes. Copies of the online course certificates should be submitted to the Head of the Department.	**4.9 ONLINE COURSES** 4.9.1 Students may be permitted to undergo online courses (which are provided with certificates) with the approval of Head of the Department. 4.9.2 Students may be permitted to credit online courses instead of two elective courses subject to a maximum of three credits for each course. The approved list of online courses shall be provided by standing committee of Academic Council from time to time. Head of the Department recommends the list of line courses after ensuring that the student has not studied such course and would not repeat it again as Professional Core/Professional Elective/Open Elective Course. The details of online courses taken by the students should be sent to the COE through HOD within one month from the commencement of the classes. Copies of the online course certificates should be submitted to the Head of the Department.
	4.11 B.E. / B. Tech. (Hons) Specialisation in the same discipline, B.E. / B. Tech. (Hons) and B.E. / B. Tech. minor in other specialisation • B.E./ B. Tech. (Hons) Specialisation in the same discipline or B.E / B.Tech. Honours or B.E./B.Tech. minor in other specialisation degree will be optional for students. **4.11.1. B.E./B.Tech. Honours (specialisation in the same discipline):** a. The student should have earned additionally a minimum of 18 credits from a vertical of the same programme. b. Students can earn maximum of 6 credits in online mode (SWAYAM platform), out of these 18 credits as approved by Academic Council. c. The students will be permitted to register the courses from V Semester onwards provided the marks earned by the students until III semester should be of CGPA 7.50 and above and cleared all the courses in the first attempt.

	d. If a student decides not to opt for Honours, after completing certain number of additional courses, the additional courses studied shall be considered instead of the Professional Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

4.11.2. B.E / B.Tech. Honours

a. The students should have earned additional courses (minimum of 18 credits) from more than one vertical of the same programme.

b. The students will be permitted to register the courses from V Semester onwards provided the marks earned by the students until III semester should be of CGPA 7.50 and above and cleared all the courses in the first attempt.

c. If a student decides not to opt for Honours, after completing certain number of additional courses, the additional courses studied shall be considered instead of the Professional Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

4.11.3   B.E./B.Tech.   (minor   in   other specialisation)

a. The student should have earned additionally a minimum of 18 credits in any one of the verticals of other B.E/B.Tech programmes or from any one of the following verticals

Vertical I: Fintech and block chain

Vertical II: Entrepreneurship

Vertical III: Public Administration

Vertical IV: Business Data Analytics

 Vertical V: Environment And Sustainability

b. The students will be permitted to register the courses from Semester V onwards provided the marks earned by the students until Semester III is CGPA 7.50 and above.

c. If a student decides not to opt for Minor, after completing certain number of courses, the additional courses studied shall be considered instead of Open Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of open electives required as per the curriculum, the courses with higher grades shall be considered for calculation of CGPA. Remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

Existing	Revised
6.1 COURSE ENROLLMENT AND REGISTRATION : The Department is responsible for registering the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester (with the facility to drop courses to a maximum of 6 credits (vide clause 6.2)). The student can also register for courses for which the student has failed in the earlier semesters. The registration details of the candidates may be approved by the Chairperson, Academic Council and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations. No Elective course shall be offered by any department unless a minimum 10 students register for the course. However, if the students admitted in the associated Branch and Semester is less than 10, this minimum will not be applicable. The courses that a student registers in a particular semester may include Courses of the current semester. The core (Theory / Theory cum practical /	**6.1 COURSE ENROLLMENT AND REGISTRATION :** The Department is responsible for registering the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester (with the facility to drop courses to a maximum of 6 credits (vide clause 6.2)). The student can also register for courses for which the student has failed in the earlier semesters. The registration details of the candidates shall be approved by Head of the Institution and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations. The courses that a student registers in a particular semester may include i. Courses of the current semester. ii. Courses dropped in the lower semesters iii. Courses advanced to Semester VI and VII from Semester VIII. iv. Courses for the award of Honors/minor engineering v. Courses for online credit transfer (attendance is not mandatory) .

practical /EEC) courses that the student has not cleared in the previous semesters. Elective courses which the student failed (either the same elective or a different elective instead).	vi. Core and Elective courses which the student failed. The maximum number of credits that can be registered in a semester is 36. However, this does not include the number of Re-appearance (U) and Withdrawal (WD) courses registered by the student for the appearance of Examination.
6.2 FLEXIBILITY TO ADD OR DROP COURSES: 6.2.3 The students satisfying the following conditions shall be permitted to carry out their final semester Project work for six months in industry/research organizations. The student should not have current arrears and shall have CGPA of 7.50 and above. The student shall undergo the eighth semester courses in the sixth and seventh semesters. The Head of Department, in consultation with the faculty handling the said courses shall forward the proposal recommended by the Head of Institution to the Controller of Examinations through the standing committee of the Academic Council for approval at least 2 weeks before the commencement of the sixth/seventh semester of the program.	**6.2 FLEXIBILITY TO ADD OR DROP COURSES:** 6.2.3 The students satisfying the following conditions shall be permitted to carry out their final semester Project work for six months in industry/research organizations. The student should have CGPA of 7.50 and above upto IV Semester and in all higher semesters. The student shall undergo one of the eighth semester courses in sixth semester if he/she is not having any current arrear at the end of IV semester and should have CGPA of 7.50. The student shall undergo another eighth semester course in VII semester if he/she is not having any arrear at the end of V semester. The student who is not having any current arrear at the end of VI Semester and completed the eighth semester courses earlier shall be permitted to carry out their final semester Project work for six months in industry/research organizations. The Head of Department, in consultation with the faculty handling the said courses shall forward the proposal recommended by the Head of Institution to the Controller of Examinations through the standing committee of the Academic Council for approval at least 2 weeks before the commencement of the sixth/seventh semester of the program. **Note: Applicable also to the students admitted in the academic year 2020-2021**

Existing	Revised
11 SYSTEM OF EXAMINATION: 11.2 Each course, both theory and practical (including project work) shall be evaluated for a	**11 SYSTEM OF EXAMINATION:** 11.2 Each course, both theory and practical (including project work) shall be evaluated for a maximum of 100 marks.

maximum of 100 marks. For all theory and practical courses including project work, the continuous internal assessment will carry 30 marks while the End - Semester examination will carry 70 marks.	11.2.1 For all theory courses, the continuous internal assessment will carry 40 marks while the End Semester examination will carry 60 marks. 11.2.2 For all theory courses with laboratory component, the continuous internal assessment will carry 50 marks while the End Semester examination will carry 50 marks. 11.2.3 For all laboratory courses/mini project, the continuous internal assessment will carry 60 marks while the End Semester examination will carry 40 marks. 11.2.4 The continuous internal assessment for the project work will carry 40 marks while the End Semester examination will carry 60 marks.

Existing	Revised
12. Procedure for Awarding Marks for Internal Assessment: For all theory and practical courses (including project work) the continuous assessment shall be for a maximum of 30 marks. Assessment of courses is shown in Table 12.1	**12. Procedure for Awarding Marks for Internal Assessment:** For all theory, laboratory courses, theory courses with Laboratory Component, mini project and project work, the continuous assessment shall be awarded as per the procedure given in Table 12.1.

Existing

S.No	Category of Course	Continuous Assessments	End-Semester Examinations
1	Theory Courses	30 Marks	70 Marks
2	Laboratory Courses	30 Marks	70 Marks
3	Theory courses with Laboratory Component	30 Marks	70 Marks
4	Project Work	30 Marks	70 Marks
5	All other EEC Courses	100 Marks	-

Revised

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	40 Marks	60 Marks
5	All other EEC Courses	100 Marks	-

Existing	Revised
12.1 Theory Courses Three tests shall be conducted during the semester by the Exam Management Cell (EMC) in a centralized manner. One improvement test is allowed at the end of the semester. The average of best three assessments shall be arrived to 30 marks and rounded to the nearest integer.	**12.1 Theory Courses** Three tests shall be conducted during the semester by the Exam Management Cell (EMC) in a centralized manner. One improvement test is allowed at the end of the semester. The average of three assessments shall be arrived to 40 marks and rounded to the nearest

integer as the continuous internal assessment. Assessment of Theory courses is given in Table 12.2.

Table 12.2. **Assessment of Theory Course**

Assessment I (100 marks)		Assessment II (100 marks)		Assessment III (100 marks)	
Assignment/ Case study/ Seminar/ Mini-Project	Written test	Assignment/ Case study/ Seminar/ Mini-Project	Written test	Assignment/ Case study/ Seminar/ Mini-Project	Written test
40	60	40	60	40	60

Existing	Revised
12.2 Laboratory Courses The maximum marks for Internal Assessment shall be 30 in case of laboratory courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least two tests namely midterm test and model exam. The criteria for arriving at the Internal Assessment marks of 30 are as follows: 70 marks shall be awarded for successful completion of prescribed experiments done in the laboratory and 30 marks shall be awarded for midterm test and for model exam. The total marks shall be arrived to 30 and rounded to the nearest integer.	**12.2 Laboratory Courses** The maximum marks for Internal Assessment shall be 60 in case of laboratory courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least two tests namely midterm test and model exam. The criteria for arriving at the Internal Assessment marks of 60 are as follows: 75 marks shall be awarded for successful completion of prescribed experiments done in the laboratory and 25 marks shall be awarded for midterm test and for model exam. The total marks shall be arrived to 60 and rounded to the nearest integer. Continuous Internal Assessment of laboratory courses is given in Table 12.3.

Table 12.3 Assessment of laboratory Course

S.No	Category	Marks allotted
i.	Evaluation of Laboratory observation, Record	75 Marks
ii.	Test (Mid- term + Model exam)	25 Marks

Existing	Revised
12.3 Theory Courses With Laboratory Component There shall be three tests. The first two tests (each 100 marks) will be from theory portions and the third test (maximum mark 100) will be for laboratory component. The sum of marks of first two tests shall be arrived to 60 marks and the third test mark shall be arrived to 40 marks. The sum of 100 marks may then be arrived at for 30 rounded to the nearest integer.	**12.3 Theory Courses With Laboratory Component** Weightage of internal assessment and end semester examination marks will be 50% each. The distribution of marks for the theory and laboratory components in the internal assessments and end semester examination for different types of courses are provided in the Table 12.4.a. Procedure for awarding the internal marks is shown in Table 12.4.b

Table 12.4 a. Theory Courses With Laboratory Component (Weightage of marks)

L	T	P	C	Internal Assessment		End Semester Examination
1	0	4	3	Laboratory (25%)	Theory (25%)	Laboratory only (50%)
1	0	2	2	Laboratory (25%)	Theory (25%)	Laboratory only (50%)
2	0	2	3	Theory (25%)	Laboratory (25%)	Theory (25%) Laboratory (25%)
2	1	2	4	Theory (25%)	Laboratory (25%)	Theory (35%) Laboratory (15%)
3	0	2	4	Theory (25%)	Laboratory (25%)	Theory (35%) Laboratory (15%)
2	0	4	4	Theory (25%)	Laboratory (25%)	Theory (15%) Laboratory (35%)

Table 12.4.b. Assessment of Theory Courses with laboratory Component

Theory component				Laboratory component	
Assessment –I		**Assessment –II**		**Assessment –III**	
Individual Assignment / case study/ seminar / mini project	Written test	Individual Assignment / case study/ seminar / mini project	Written test	Evaluation of Laboratory observation, Record	Practical test
40	**60**	**40**	**60**	**75**	**25**

Existing	Revised
12.4 Project Work Project work may be assigned to a single student or to a group of students not exceeding 4 per group. For project work out of 100 marks, the maximum marks for continuous assessment is fixed as 30 and End Semester Examination carries 70 marks 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 30 marks. The project report shall carry a maximum 20 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 50 marks. Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.	**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 40 and the End Semester Examination (project report evaluation and viva-voce examination) carries 60 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 40 marks. The project report shall carry a maximum 20 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 40 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.
Mini Project	**12.4.2 Mini Project** 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 mini 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 mini 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 20 marks. Same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 20 for mini project. 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 Mini Project and the Viva-Voce Examination will be distributed as indicated in Table 12.5. b.

Table 12.5.a. Assessment of Project Work

Continuous Assessment 40 Marks			End Semester Examination 60 Marks				
Review 1 (5 Marks)	Review 2 (15 Marks)	Review 3 (20 Marks)	Report Evaluation (20 Marks)		Viva-Voce (40 Marks)		
Review Committee and Guide			External Examiner	Internal Examiner	External Examiner	Internal Examiner	Supervisor
40			10	10	20	10	10

Table 12.5.b. Assessment of Mini Project

Continuous Assessment (60 Marks)			End Semester Examination (40 Marks)			
Review 1 (20 Marks)	Review 2 (20 Marks)	Review 3 (20 Marks)	Report Evaluation (20 Marks)		Viva-Voce (20 Marks)	
Review Committee and Guide			External Examiner	Internal Examiner	External Examiner	Internal Examiner
60			10	10	10	10

Existing	Revised
12.5 Other Employability Enhancement Courses: Other Employability Enhancement Courses are evaluated through Internal Assessment only	**12.5 Other Employability Enhancement Courses (OEEC):** Other Employability Enhancement Courses except Professional Communication Laboratory and Mini Project are evaluated through Internal Assessment only.

	For any student, if the grade U is given to OEEC Course which is evaluated only through internal assessment, the student shall register for the course again in the subsequent semester, fulfill the norms to earn pass in the course. However, attendance requirement need not be satisfied.
12.7 Assessment for Online Courses Students may be permitted to credit one online course (which is provided with certificate) subject to a maximum of three credits. The approved list of online courses will be provided by the Chairperson, Academic Council from time to time. This online course of 3 credits (minimum 8 weeks of course duration) can be considered instead of one elective course. Credit transfer is applicable for one elective course only for the entire course of study.	**12.7 Assessment for Online Courses** Students may be permitted to credit **two or three online courses (which are provided with certificate),** subject to a maximum of six credits. The online course(s) of 3 or 4 credits (12 weeks or 8weeks+4weeks or 8weeks+8weeks) can be considered instead of one elective course. Credit transfer is applicable for maximum of two elective courses for the entire course of study. These online courses shall be chosen from the SWAYAM platform, provided the offering organisation conducts regular examination and provides marks. After successful completion of the online course conducted by organization (SWAYAM), the student has to register the online course in the Institution along with other courses. The course shall be evaluated through continuous assessment (40 Marks) conducted by NPTEL mentor and End Semester Examination conducted by CoE (60 Marks). Grades earned through end semester exam and continuous assessment shall be considered for credit transfer of elective course.
14.1 Passing Requirements A candidate who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester Examinations] with a minimum of 50% of the marks prescribed for the end-semester Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory, theory cum practical and practical courses (including project work).	**14.1 Passing Requirements** A candidate who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester Examinations] **with a minimum of 45% of the marks prescribed for the end-semester Examination,** shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for theory, theory with Laboratory component, laboratory with theory component and laboratory courses (including project work).

The performance of a student will be reported using letter grades, each carrying certain points as detailed in the table 15.1.

Table 15.1 Award of Letter Grades

	Letter Grade	Grade Points	Marks range
R 2020 (students admitted in the academic year 2020-2021)	O (Outstanding)	10	91- 100
	A+(Excellent)	9	81-90
	A (Very Good)	8	71-80
	B+ (Good)	7	61-70
	B (Average)	6	50-60
	RA (Reappearance)	0	<50
	W (Withdrawal)	0	
	SA (Shortage of Attendance)	0	

	Letter Grade	Grade Points	Marks range
R 2020 (students admitted from the academic year 2021-2022 onwards)	O (Outstanding)	10	91- 100
	A+(Excellent)	9	81-90
	A (Very Good)	8	71-80
	B+ (Good)	7	61-70
	B (Average)	6	56-60
	C (Satisfactory)	5	50-55
	U (Reappearance)	0	<50
	WD (Withdrawal)	-	
	SA (Shortage of Attendance)	-	

Note:

Fixed grading is applicable for all laboratory courses and for the theory courses in which students enrollment is less than or equal to 30. Relative Grading is applicable for all theory courses in which student enrollment is greater than 30.

Existing	Revised
	16. Eligibility for the Award of Degree **16.1 iv.** Successfully completed the NSS / NSO / YRC / Science Club / Literature Club / Fine Arts Club requirements. **16.2 Classification of the Degree Awarded** Refer the tables 16.2.1 and 16.2.2 for First Class with Distinction and First Class respectively **16.2.3 SECOND CLASS:** B.E./B.Tech. Regular and lateral entry and B.E./B.Tech. minor in other specialisation degree students not covered in clauses 16.2.1 and 16.2.2 who qualify for the award of the degree (vide Clause 16.1) shall be declared to have passed the examination in Second Class.
16. Eligibility for the Award of Degree **16.1 iv.** Successfully completed the NSS / NSO / YRC requirements. **16.2 Classification of the Degree Awarded**	**16.2.5** Student earned additional 18 credits as per Clause 4.10.1 and 4.10.2 but does not satisfy the conditions mentioned in 16.2.1 or 16.2.2 shall not be awarded B.E./B.Tech. Honours. In such cases the mark sheet will show the additional courses studied and those courses shall not be considered for CGPA computation. In such case if the student becomes eligible for First Class, while computing CGPA without taking into account the additional course studied, the student shall be awarded B.E. / B.Tech. in First Class only.

Table 16.2.1. First Class With Distinction

Degree (i)	Duration of programme (ii)	Duration permitted (iii)	Additional credits above the requirement of curriculum (iv)	CGPA (v)	Pass in (vi)	Break of study (vii)	Prevention due to lack of attendance	Withdrawal from writing end semester examination (viii)
B.E./B.Tech. (Regular)	4	5	-	8.50	First attempt	One year authorized break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. Lateral Entry	3	4	-	8.50	First attempt	One year authorized break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. (Honours) Specialization in the same discipline	3/4 years (Lateral entry and Regular respectively)	4/5 years (Lateral entry and Regular respectively)	18 credits from any one vertical of the same programme	8.50	First attempt	One year authorized break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. (Honours)	3/4 years (Lateral entry and Regular respectively)	4/5 years (Lateral entry and Regular respectively)	18 credits from more than one verticals of the same programme	8.50	First attempt	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. minor in other specialization	3/4 years (Lateral entry and Regular respectively)	4/5 years (Lateral entry and Regular respectively)	18 credits from any one vertical of the other programme	8.50	First attempt	One year authorized break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt

Table 16.2.2. First Class

Degree (i)	Duration of programme (ii)	Duration permitted (iii)	Additional credits above the requirement of curriculum (iv)	CGPA (v)	Pass in (vi)	Break of study (vii)	Prevention due to lack of attendance	Withdrawal from writing end semester examination (viii)
B.E./B.Tech. (Regular)	4	5	-	6.50	-	One year authorised break of study included in the Duration permitted (iii)	included in the Duration permitted (iii)	-
B.E./B.Tech. Lateral Entry	3	4	-	6.50	-	One year authorised break of study included in the Duration permitted (iii)	included in the Duration permitted (iii)	-
B.E./B.Tech. (Honours) Specialization in the same discipline	3/4 years (Lateral entry and Regular respectively)	4/5 years (Lateral entry and Regular respectively)	18 credits from any one vertical of the same programme	**7.50**	**First attempt**	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. (Honours)	3/4 years (Lateral entry and Regular respectively)	4/5 years (Lateral entry and Regular respectively)	18 credits from more than one verticals of the same programme	**7.50**	**First attempt**	One year authorised break of study included in the Duration permitted (iii)	Not permitted	Will not be considered as an attempt
B.E./B.Tech. minor in other specialization	3/4 years (Lateral entry and Regular respectively)	4/5 years (Lateral entry and Regular respectively)	18 credits from any one vertical of the other programme	**6.50**	-	One year authorised break of study included in the Duration permitted (iii)	included in the Duration permitted (iii)	Will not be considered as an attempt