VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI – 625 009
(Autonomous)
(Accredited by NACC with 'A' Grade and by NBA for 5 UG Programmes)
(Approved by AICTE and affiliated to Anna University, Chennai)

REGULATIONS 2021

CHOICE BASED CREDIT SYSTEM

Common to all B. E. / B. Tech. Degree Programmes

(For the students admitted to B. E. / B. Tech. Degree Programme from the Academic year 2021-2022 onwards)

DEGREE OF BACHELOR OF ENGINEERING / BACHELOR OF TECHNOLOGY

This Regulation is applicable to the students admitted to B.E. / B.Tech. Degree Programmes admitted in Velammal College of Engineering and Technology from the academic year 2021-2022 onwards.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

I) "**Programme**" means Under graduate Degree Programme, that is B.E. / B.Tech. DegreeProgramme.

II) "**Discipline**" means specialization or branch of B.E. / B.Tech. Degree Programme, like Civil Engineering, Information Technology, etc.

III) "**Course**" means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, etc.

IV) **"Dean (Academics)"** means the authority of the Institution who is responsible for all academic activities of the academic programmes for implementation of relevant rules of this regulation pertaining to the academic programmes.

V) "**Dean (Student Affairs)**" means the authority of the Institution who is responsible for admission, students discipline, extracurricular and co-curricular activities.

VI) **"Chairperson"** means the Head of the Faculty.

VII) **"Head of the Institution"** means the Principal of the College.

VIII) **"Head of the Department (HoD)"** means the Head of the Department concerned.

IX) **"Controller of Examinations (CoE)"** means the authority of the Institution who is responsible for all activities of Internal and End semester Examinations.

X) **"University"** means ANNA UNIVERSITY, CHENNAI.

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

2. ADMISSION

2.1 Candidates seeking admission to the first semester of the eight semesters B.E. / B.Tech. Degree Programmes:

Should have passed the Higher Secondary Examinations of (10+2) Curriculum (Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects of study under Part-III or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

(OR)

Should have passed the Higher Secondary Examination of Vocational stream (Vocational groups in Engineering / Technology) as prescribed by the Government of Tamil Nadu.

2. 2 Lateral entry admission

(i) Candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech., as per the rules fixed by the Government of Tamil Nadu.

(OR)

(ii) Candidates who possess the Degree in Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech.

Such candidates shall undergo two additional Engineering subject(s) in the third and fourth semesters as prescribed by the Institution.

3. PROGRAMMES OFFERED

B.E.* / B.Tech. * Degree Programmes offered are

- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Information Technology
- Mechanical Engineering

* (i) B.E./B.Tech. Honours (specialisation in the same discipline)

* (ii) B.E. / B.Tech. Honours

* (ii) B.E./B.Tech. (minor in other specialisation)

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

3.1 Enrollment for B.E. / B.Tech. (Honours) / Minor Degree (Optional)

A student can optionally register for additional courses (18 Credits) and become eligible for the award of B.E./B.Tech. Honours (specialisation in the same discipline), B.E./ B.Tech. (Honours) and B.E./B.Tech. (minor in other specialisation). Students can earn maximum of 6 credits in online mode (NPTEL platform), out of these 18 credits as approved by Academic Council.

3.1.1 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. Should have passed all the courses in the first attempt.
c. Should have earned a minimum CGPA of 7.50.

3.1.2 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. Should have passed all the courses in the first attempt.
c. Should have earned a minimum CGPA of 7.50.

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

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

For the categories 3.1.1 and 3.1.2, the students will be permitted to register the courses from Semester V 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.

For the category 3.1.3, the students will be permitted to register the courses from SemesterVonwards provided the marks earned by the students until Semester III (without Arrear) is CGPA 7.50 and above.

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 numberof 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.

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.

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

4. STRUCTURE OF PROGRAMMES

4.1 Categorization of Courses

Every B.E. / B. Tech. Degree Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

i. **Humanities, Social Sciences and Management Courses (HS)** include Professional English, Communication skills etc.

ii. **Basic Sciences Courses (BS)** include Mathematics, Physics, Chemistry, Biology, Environmental Science etc.

iii. **Engineering Sciences Courses (ES)** include Engineering Practices, Engineering Graphics, Basics of Civil / Mechanical / Electrical / Electronics / Instrumentation / Computer Engineering, etc.

iv. **Professional Core Courses (PC)** include the core courses relevant to the chosen specialization / branch.

v. **Professional Elective Courses (PE)** include the elective courses relevant to the chosen specialization / branch.

vi. **Open Elective Courses (OE)** include the courses offered by a particular branch to other branches, from the list specified in the respective curriculum of the B.E. / B. Tech. Degree Programmes.

vii. **Employability Enhancement Courses (EE)** include Project Work, Internship, Seminar, Professional Practices, Case Study and Industrial / Practical Training etc.

viii. **Mandatatory courses (MC)** include courses such as Constitution of India, Entrepreneurship, etc.

4.2 Personality and Character Development

All students shall enroll, at the time of admission, in atleast one of the personality and character development programmes such as NCC / NSS / NSO / YRC and undergo training / conduct activities. 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 in personality and character development. So, students shall conduct and participate actively in Science Clubs / Literary Forum / Fine Arts activities. The cumulative participation of a student should be for 80 hours in the above activities.

National Cadet Corps (NCC) will have about 20 parades.

National Service Scheme (NSS) will have social service activities in and around the College / Institution.

National Sports Organization (NSO) will have Sports, Games, Drills and Physical exercises.

Youth Red Cross (YRC) will have activities related to social services in and around the College.

Rotract Club (RC) will conduct sessions on Entrepreneurship, Motivational and Technology awareness among students.

While the training activities will normally take place during weekends, the camp will normally be organised during vacation period.

Science Clubs (Physics, Chemistry, and Mathematics) shall organise activities of

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

popularisation of science and scientific temper through activities related to astronomy, works of great scientists from India and abroad, observing National Science Day, Innovative Projects, (To be conducted at department level) etc.

Literary Club shall organise literary events to propagate good humanist values, morals and ethics reflected in literature.

Fine Arts Club like music, painting and documentary films with social themes shall be encouraged.

A cumulative attendance certificate forwarded by HoD and approved by Dean (Student Affairs) will be issued by the Head of the Institution at the end of the programme. The copy of the same shall be forwarded to the CoE for the purpose of record and scrutiny.

4.3 Number of courses per semester

Each semester curriculum shall normally have a blend of theory courses, lab integrated courses, laboratory courses and employability enhancement courses not exceeding 10. Whereas theory courses and laboratory integrated theory courses should not exceed 7 and laboratory courses and employability enhancement courses should not exceed 4. Each Course shall have credits assigned as per clause 4.4.

4.4 Credit Assignment

Each course is assigned certain number of credits based on the following:

Contact period per week	**CREDITS**
1 Lecture Period	1
2 Tutorial Periods	1
1 Laboratory Period (also for EEC courses like Seminar / Project Work / Case study / etc.)	0.5

4.5 Industrial Training/ Internship

Students may undergo Industrial training for a period as specified in the Curriculum during the summer / winter vacation. In this case, the training has to be undergone continuously for a period of atleast two weeks in an organization.

Students may undergo Internship at a Research organization / University/ Industry (after due approval from the Head of the Institution) for the period prescribed in the curriculum during the summer / winter vacation, in lieu of Industrial training. Attendance Certificate mentioning the period of Industrial Training / Internship, signed by the competent authority of the industry, as per the format provided by the CoE shall be submitted to the Head of the Institution through HoD and Dean (Academics). The attendance certificate shall be forwarded to the CoE by the Head of the Institution for processing results. The student may undergo Industrial Training / Internship and the credits earned will be indicated in the Grade Sheet and considered for classification of degree.

DURATION OF TRAINING/INTERNSHIP	**CREDITS**
2 Weeks*	1

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

4 Weeks	2
6 Weeks	3

***1 Week = 40 Internship Hours**

4.6 Industrial Visit

Every student is required to go for atleast one Industrial visit every semester starting from the second year of the Programme. The Head of Department concerned shall ensure that necessary arrangements are made in this regard.

4.7 Value Added Courses

4.7.1. Naan Muthalvan Scheme Courses

Students may undergo Value Added Courses (VAC) over and above the topics covered in the curriculum to obtain practical and industry specific knowledge. These Value Added Courses are provided by Government of Tamilnadu under Naan Muthalvan Scheme. It is Mandatory for all the students to register under Naan Muthalvan scheme from semester V onwards. Each student has to take 3 courses and each course carries 2 Credits. The students will be exempted from 2 professional Electives once they have completed 3 courses in Naan Muthalvan scheme.

4.7.2. One Credit Courses

One credit courses shall be offered by a Department with the prior approval from the Dean (Academics) and the Head of the Institution. The details of the syllabus, time table and course coordinator may be sent to the CoE 15 days before the commencement of the courses. **Students can take a maximum of two one credit courses** during the entire duration of the Programme.

4.8 Online Courses

Students may be permitted to undergo a maximum of two online courses, subject to a maximum of six credits, with the approval of the **HoD and Head of the Institution in lieu of Open Elective / Professional Elective courses. The Head of the Institution shall form a three member committee with members such as Dean (Academics), HoD and a faculty member from the Department of the student concerned, to ensure that the student has not studied such courses and would not repeat it again as Professional Core / Professional Elective / Open Elective courses.** Suitable online courses (Not included in curriculum) shall be chosen from the NPTEL platform and student shall appear for Examination and produce the certificate for the same.

4.9 Mandatory courses

The student may study mandatory courses prescribed by the Institution and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.10 Advancement of Courses:

Students shall undergo the seventh / eighth semester courses other than the Project Work in the **fifth and sixth semesters**, provided they do not have current arrears and have a CGPA **of 8.0 and above** at the end of Semester IV. The HoD shall forward the proposal recommended by the Dean (Academics), Head of Institution for approval and the same shall be forwarded to the CoE atleast 4 weeks before the commencement of the fifth semester.

Students who completed their final year courses (except project work) in advance,

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technol
(Autonomous)
Madurai - 625 009.

shall be permitted to carry out their final year Project Work for six months inan industry / research organization.

4.11 Other Language Courses

Considering the job opportunities in all sectors, students are permitted to learn any other foreign language apart from English like French, German, Spanish, Mandarin etc. in Semester II as an alternative for English II. Such students opting for other foreign language in lieu of English in Semester II have to produce a valid certificate approved by the Government of India and the respective Embassies as a proof.

4.12 Medium of Instruction

The medium of instruction is English for all courses, examinations, Seminar presentations and Project Work reports.

5. DURATION OF THE PROGRAMME

5.1 A student is ordinarily expected to complete the B.E. / B.Tech. Degree Programme in 8 semesters for HSC students (or equivalent) and six semesters (for Lateral Entry students) but in any case not more than 14 Semesters for HSC (or equivalent) students and not more than 12 semesters for Lateral Entry students.

5.2 Each semester shall normally consist of 75 working days or 540 periods of 50 minutes each. The Head of the Institution shall ensure that every faculty imparts instruction as per the number of periods specified in the syllabus and that the faculty teaches the full content of the specified syllabus for the courses being taught.

5.3 The Head of the Institution may conduct additional classes for improvement, special coaching, conduct of model exam etc., over and above the specified periods. But for the purpose of calculation of attendance required for writing the end semester examinations (as per clause 6) by the students, following method shall be used.

$$\left[\text{Percentage of Attendance} = \frac{\text{Total no.of periods attended in all the courses per semester}}{(\text{No.of periods / week as prescribed in the curriculum taken to together for all courses of the semester}) \times 15} \times 100\right]$$

The End semester Examination will normally follow the last working day of the semester as per the academic schedule prescribed from time to time.

5.4 The total period for completion of the programme reckoned from the commencement of the first semester to which the student was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study (vide clause 18) in order that he / she may be eligible for the award of the degree (vide clause 16).

6. COURSE REGISTRATION

6.1 The Institution 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 courses dropped in earlier semesters can be registered in the subsequent semesters when offered.

The registration details of the student shall be approved by the Head of the Institution

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

and forwarded to the CoE. This registration is for undergoing the course as well as for writing the End Semester Examinations.

Courses that a student registers in a particular semester may include

i. Courses of the current semester.
ii. Courses dropped in the lower semesters and
iii. Courses advanced to Semester V and VI from Semester VII / VIII (as per clause 4.10).

The maximum number of credits that can be registered in a semester is 36. However, this does not include the number of Re-appearance (RA) and Withdrawal (W) courses registered by the student for the appearance of Examination.

6.2 Flexibility to Drop courses

6.2.1 A student has to earn the total number of credits specified in the curriculum of the respective programme of study in order to be eligible to obtain the degree.

6.2.2 From the fifth to final semesters, the student has the option of dropping existing courses in a semester during registration. Total number of credits of such courses shall not exceed 6 per semester. The student is permitted to drop the course(s) within 30 days of the commencement of the academic schedule.

7. ATTENDANCE REQUIREMENTS FOR COMPLETION OF THE SEMESTER

7.1 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 75% of the classes.

Therefore, he / she shall **secure not less than 75%** (after rounding off to the nearest integer) of overall attendance as calculated as per clause 5.3.

7.2 However, a student who secures overall attendance between 65% and 74% in the current semester due to medical reasons (prolonged hospitalization / accident / specific illness) / participation in state / national level 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 attested by the Head of the Institution with due approval from Dean (Students Affairs). The same shall be forwarded to the CoE for record purposes.

7.3 Students who **secure less than 65% overall attendance** shall not be permitted to write the End semester examination at the end of the semester and not permitted to move to the next semester. They are required to repeat the incomplete semester in the next academic year, as per the norms prescribed.

8. CLASS ADVISOR AND MENTOR

8.1 CLASS ADVISOR

There shall be a class advisor for each class. He / She will be appointed by the HoD of the department concerned. The responsibilities of the class advisor shall be:

- To act as the channel of communication between the HoD and the

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

studentsof the respective class.

- To collect and maintain various statistical details of students.
- To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- To monitor the academic performance of the students including attendance and to inform the class committee.
- To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

8.2 MENTOR

- Normally 20 students are assigned to every mentor (Faculty member)
- Mentor monitors the progress of the students in academics and personalitydevelopment.
- Mentor shall counsel the students on a one-to-one basis as and when required.
- Mentor supports the class advisor in executing their responsibilities.

9. CLASS COMMITTEE

9.1 Every class shall have a class committee consisting of student representatives and a Chairperson who is not handling the class. Its objective is to improve the teaching-learning process.

The class committee for a class under a particular branch is normally constituted by the class committee Chairman nominated by the Principal. The class committee shall be constituted within the first week of each semester and the first meeting shall be convened within one week of constitution of committee in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee. The Principal / HoD may participate in any class committee meeting of the department.

The functions of the class committee include

i. Clarifying the regulations of the degree programme and the details of rules therein (particularly clause 5 and 7) which should be displayed on college Notice-Board.

ii. Identifying the problems experienced by students in the class room and in the laboratories.

iii. Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.

iv. Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.

v. Identifying the needy students, if any, and requesting the teachers concerned to provide additional guidance or coaching to such students.

vi. The Chairperson is required to prepare the minutes of every meeting and submit the same to Principal within two days of the meeting. The same shall be circulated among the students and faculty members concerned. If there are some points in the minutes requiring action by the Management, the same

S. Karthi
Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

shall be brought to the notice of the Management by the Principal.

vii. Two or three subsequent meetings shall be conducted in a semester at suitable intervals. During these meetings, the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

10. COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one discipline or group, shall have a "Course Committee" comprising all the faculty members teaching the common course with one of them nominated as the course coordinator. The nomination of the course coordinator shall be made by the HoD / Head of the Institution depending upon whether all the faculty members teaching the common course belong to a single department or to several departments. The 'Course Committee' shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests. Wherever feasible, the Course Committee may also prepare a common question paper for the internal assessment test(s).

11. SYSTEM OF EXAMINATION

11.1 Performance in each course of study shall be evaluated based on (i) continuous internal assessment throughout the semester and (ii) End semester examination at the end of the semester.

11.2 Each course, both theory and practical (including project work & viva voce examinations) shall be evaluated for a maximum of 100 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 having different L T P C formats, the weightage for internal assessment and End Semester examination will be followed as given in the table below.

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

11.2.3 For all laboratory courses, 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.**

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

11.3 Industrial Training and Technical Seminar shall carry 100 marks and shall be evaluated through internal assessment only.

11.4 The End semester examination of 3 hours duration shall ordinarily be conducted between October and December during the odd semesters and between April and June during the even semesters.

11.5 The End semester examination for Project Work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner and an internal examiner, followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the supervisor of the project group and an internal examiner.

11.6 For the End semester examination of practical courses including Project Work, the internal and external examiners shall be appointed by the CoE.

11.7 For setting question papers and evaluation of answer scripts, the Examiner should have minimum five years of experience. In addition, the question paper pattern should be uniform for Internal Assessment Tests and End semester examinations. For End semester examinations, question papers may be set by internal examiners and external examiners (50% each). The final scrutiny will be done by Internal and External expert members.

12. PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

For all theory, laboratory courses, theory courses with laboratory component and project work, the continuous assessment shall be awarded as per the procedure given below:

12.1 THEORY COURSES

Three assessments each carrying 100 marks shall be conducted during the semester by the Institution. The weightage for the Internal Assessment is tabulated below:

Internal Assessment				Total Internal Assessment
Group Assignment / CaseStudy / Seminar / Mini Project / Open Book Test	IAT I	IAT II	IAT III	40
10	10	10	10	

12.2 LABORATORY COURSES

The maximum marks for Internal Assessment shall be 60 in case of practical courses. Every practical experiment shall be evaluated based on conduct of experiment and records to be maintained. Model Examination shall be conducted at the end of the semester. The weightage for the Internal Assessment is tabulated below:

Internal Assessment (100 Marks)*	
Evaluation of Laboratory Observation, Record	Model Exam
75	25

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

* Internal assessment marks shall be converted into 60 marks

12.3 THEORY COURSES WITH LABORATORY COMPONENT

If there is a theory course with laboratory component, there shall be one/two assessment(s) for theory component (maximum mark is 100) and one assessment for laboratory component (maximum mark is 100). For assessment, refer clause 11.2.2.

12.4 PROJECT WORK

Students shall register for Project Work-I in pre-final semester and Project Work-II in final semester. Project work may be allotted to a single student or to a group of students not exceeding 4 per group. In case of Interdisciplinary projects, the supervisor shall be from the parent department and joint supervisor can be from other relevant departments. Project Work-II may / may not be a continuation of Project Work-I. If Project Work II is not a continuation of Project Work I, then the topic and constitution of the project team members need not be the same.

12.4.1 Project Work shall be carried out under the supervision of a "qualified teacher" in the Department concerned. In this context "qualified teacher" means the faculty member possessing (i) PG degree or (ii) Ph.D. degree.

12.4.2 Project Work-II carried out in industry / academic / research institutions need not be a continuation of Project Work-I. In such cases, the Project Work-II shall be jointly supervised by a supervisor of the department and an expert as a joint supervisor from the organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress. The review meetings, if necessary, may also be arranged in online mode with prior approval from the Head of the Institution and suitable record of the meetings shall be maintained.

12.4.3 The Head of the department shall constitute a review committee for Project Work for each programme. The review committee consists of supervisor, an expert from the Department and a project coordinator from the Department. If the project coordinator/expert member happens to be the supervisor, then an alternate member shall be nominated. In the case of Industrial Project, the review committee shall have the supervisor, the coordinator from industry and the project coordinator from the Department. There shall be three reviews during the semesters VII and VIII by the review committee. The student shall make presentation on the progress made by him / her before the committee. Total marks obtained in all the three reviews shall be **reduced for 40 marks** and rounded off to the nearest integer (as per the scheme given in 12.4.4).

12.4.4 The project report shall carry a maximum of 20 marks. The project report shall be submitted as per the approved guidelines given by the CoE. Same marks shall be awarded to each student within the project group for the project report. The viva-voce examination shall carry 40 marks. Marks are awarded to each student of the project group based on the individual performance in the viva- voce examination.

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Review I	Review II	Review III	End Semester Examinations				
			Project Report		Viva-Voce Examination		
			Internal	External	Internal	External	Supervisor
10	15	15	10	10	10	20	10

12.4.5 Last date for submission of the project report is the last working day of the semester. If a student fails to submit the project report on or before the specified deadline or the student has submitted the project report but did not appear for the viva- voce examination, it will be considered as fail in the Project Work and the student shall re-register for the same in the subsequent semester.

12.5 OTHER EMPLOYABILITY ENHANCEMENT COURSES

(a) Seminar / Case Study course is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar, marks can be equally apportioned. The three member committee appointedby the Head of the department, consisting of the course coordinator and two experts from the Department, will evaluate the seminar and at the end of the semester, the marks shall be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).

(b) Industrial / Practical Training, Summer Project, Internship, shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical Training / Internship / Summer Project, the student shall submit an attendance certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a viva-voce Examination, conducted internally by a three member Committee of the department concerned, consisting of the course coordinator and two experts from the Department. The certificates (issued by the organization) submitted by the students shall be attached to the mark list sent by the Head of the Institution to the CoE with due approval from Dean (Academics).

(c) For all the courses under Employability Enhancement Courses Category, except the Project Work, the evaluation shall be done with 100% internal marks and as per the procedure described in clause 12.5 (a) / (b).

12.6 ASSESSMENT FOR VALUE ADDED COURSES

12.6.1 Naan Muthalvan Scheme Courses

The assessment will be done based on the guidelines given by Government of Tamilnadu with the support of mentors allocated for the particular course.

12.6.2 One Credit Course

One credit course shall carry 100 marks and shall be evaluated through **continuous assessments only**. Two Assessments as per the clause 12.1 or 12.2 shall be conducted by the Department concerned. Total marks obtained in the assessments shall be reduced to 100 marks and rounded to the nearest integer. A committee consisting of the HoD, Faculty handling the course and a senior faculty

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

member nominated by the Head of the Institution shall do the evaluation process. The list of students along with the marks and the grades earned shall be forwarded to the CoE for appropriate action atleast one month before the commencement of End Semester Examinations with due approval of Dean (Academics) and Head of the Institution. The grades earned by the students for Value Added Courses will be recorded in the Grade Sheet, however the same shall not be considered for the computation of CGPA.

12.7 ASSESSMENT FOR ONLINE COURSES

Students may be permitted to undergo a maximum of two online courses (which are provided with certificate), subject to a maximum of six credits. **The online course of 3 credits can beconsidered instead of one elective course**. These online courses shall be chosen from the NPTEL platform. The marks earned shall be converted into grades, provided the student has passed in the examination as per the norms of the offering organization. The details regarding online courses taken up by the student andmarks/credits earned shall be sent to the CoE, through HoD approved by Dean (Academics). The details of the elective(s) to be dropped in the subsequent semester(s) should be informed to CoE for further process.

12.8. Internal marks approved by the Head of the Institution shall be displayed by the respective HoDs before 2 days of the commencement of the End Semester Examination.

12.9 Attendance Record

Every faculty is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD', which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topic covered), separately for each course. This should be submitted to the HoD periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The HoD and the Head of the Institution will affix their signature with date after due verification and the same document has to be kept in safe custody for five years. The University or any inspection team appointed by the University may verify the records of attendance and assessment of both current and previous semesters.

12.10 Conduct of Academic Audit

Our Institution shall strive for a better performance of the students by conducting the internal academic audit as mentioned in Clause 12.

In order to ensure the above, Academic Audit is to be done for every course taught during the semester. For the internal assessments conducted for each course as per details provided in Clause 12, the academic records shall be maintained in the form of documentation for the individual assignments / case study report / report of mini project submitted by each student and assessment test question paper and answer script. Report of industrial training / internship shall also be maintained, if applicable. For laboratory courses students' record shall be maintained. Furthermore, the attendance of all students shall be maintained as a record.

The Head of the Institution shall arrange to conduct the Academic Audit for every courseinin a semester by forming the respective committees with internal members drawn from various departments of the Institution. **In addition at least one External Audit has to be conducted once in a semester.**

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

The University or any inspection team appointed by the University may verify the records of Academic Audit report of the courses of both current and previous semesters, as and when required.

13. REQUIREMENTS FOR APPEARING FOR END SEMESTER EXAMINATIONS

A student shall normally be permitted to appear for the End Semester Examinations for all the courses registered in the current semester (vide clause 6) if he/she has satisfied the semester completion requirements (as per clause 7).

Further, examination registration by a student is mandatory for all the courses in the current semester and all arrear(s) course(s) for the End Semester examinations failing which, the student will not be permitted to move to the higher semester.

A student who has already appeared for any course in a semester and passed the examination is not entitled to reappear in the same subject for improvement of grades.

14. PASSING REQUIREMENTS

14.1 A student 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 both theory and laboratory courses (including project work).

14.2 If a student fails to secure a pass in a theory course / laboratory course the student shall register and appear only for the end semester examination in the subsequent semester. In such case, the internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the student secures a pass. However, from the third attempt onwards if a student fails to obtain pass marks (IA + End Semester Examination) as per clause 14.1, then the student shall be declared to have passed the examination if he / she secures a minimum of 50% marks prescribed for the end semester examinations alone.

14.3 If a student is absent during the viva - voce examination, it would be considered as fail. If a student fails to secure a pass in Project Work-I, **the student shall register** for the course again in the subsequent semester and can do Project Work-I and Project Work- II together.

14.4 The passing requirement for the courses which are assessed only through purely internal assessments (EEC courses except Project Work and laboratory), is 50% of the internal assessment (continuous assessment) marks only.

14.5 A student can apply for revaluation of the student's semester examination answer paper in a theory course, as per the guidelines given by the CoE on payment of a prescribed fee along with prescribed application to the CoE through the HoD and the Head of the Institution. The CoE will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the Institution. Revaluation is not permitted for laboratory course and EEC courses.

15. AWARD OF LETTER GRADES

15.1 The award of letter grades will be decided using relative grading principle. The performance of a student will be reported using letter grades, each carrying certain

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

points as detailed below:

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

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 clause 7.3) and hence prevented from writing the end semester examinations. 'SA' will appear only in the result sheet.

"RA" denotes that the student has failed to pass in that course. **"W"** denotes **withdrawal** from the examination for the particular course. The grades RA and W will appear 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 RA is given to **Theory Courses/ Laboratory Courses it is not required to satisfy the** attendance requirements (vide clause 7), but has to appear for the end semester examination and fulfil the norms specified in clause 14 to earn a pass in the respective courses.

If the grade RA 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, fulfil the norms as specified in clause 14 to earn pass in the course. However, attendance requirement need not be satisfied.

15.2 For the Co-curricular activities such as National Cadet Corps (NCC) / National Service Scheme (NSS) / NSO / YRC / Science club / Literary Club/ Fine Arts Club, a 'completed' remark will appear in the Grade Sheet on successful completion of the same. Every student shall possess a minimum of 75% attendance in training and attending the camp or events of the clubs compulsorily. **Successful completion of the co-curricular activities is compulsory for the award of degree.**

15.3 The grades O, A+, A, B+, B, C obtained for the one/two credit course (not the part of curriculum) shall figure in the Grade Sheet under the title **'Value Added Courses / Internship / Industrial training'**. The courses for which the grades obtained are RA, SA **will not figure in the Grade Sheet.**

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

15.4 For the students who complete the Mandatory Course satisfying attendance requirement, the title of the Mandatory Course will be mentioned in the Grade Sheet. If the attendance requirement is not satisfied, it will not be shown in the **Grade Sheet.**

15.5 GRADE SHEET

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- The college name and branch of study
- The list of courses registered during the semester and the grade scored
- The Grade Point Average (GPA) for the semester
- The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards

GPA for a semester is the ratio of the sum of the products of the number of credits acquired for the courses and the corresponding points to the sum of the number of credits acquired for the courses in the semester. CGPA will be calculated in a similar manner, considering all the courses registered from first semester. RA grades will be excluded for calculating GPA and CGPA.

$$GPA/CGPA = \frac{\sum_{i=1}^{n} C_i GP_i}{\sum_{i=1}^{n} C_i}$$

Where **Ci** is the number of Credits assigned to the course
GPi is the point corresponding to the grade obtained for each course
n is number of all courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA.

16 ELIGIBILITY FOR THE AWARD OF THE DEGREE

16.1 A student shall be declared to be eligible for the award of the B.E. / B.Tech. Degree provided the student has

i. Successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time.
ii. Successfully completed the course requirements, appeared for the End - Semester examinations and passed all the courses within the period as prescribed in clause 5.1.
iii. Successfully passed any additional courses prescribed by the Dean(Academics) whenever the student is readmitted under Regulations R-2021 from the earlier Regulations.
iv. Successfully completed the NCC / NSS / NSO / YRC / Science Club / Literature Club / Fine Arts Club requirements.
v. No disciplinary action pending against the student.
vi. The award of Degree must have been approved by the Syndicate of the University.

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

16.2 CLASSIFICATION OF THE DEGREE AWARDED

16.2.1 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 eight semesters (6 semesters in the case of Lateral Entry) in the student's First Appearance within **five** years for regular students and Four years in the case of Lateral Entry. Withdrawal from examination (vide Clause 17) will not be considered as an appearance.
- Should have secured a CGPA of not less than **8.50**.
- One year authorized break of study (if availed of) is included in the five years and four years in the case of lateral entry for award of First class with Distinction.
- Should NOT have been prevented from writing end semester examination due to lack of attendance in any semester.

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

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

16.2.2 FIRST CLASS:

A student who satisfies the following conditions shall be declared to have passed the examination in **First class:**

- Should have passed the examination in all the courses of all eight semesters and 6 semesters in the case of Lateral Entry **within five years** for regular students and Four years in the case of Lateral Entry.
- One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of five years and four years in the case of lateral entry foraward of First class.
- Should have secured a CGPA of not less than **6.50.**

Degree (i)	Duration (ii)	Duration permitted (iii)	Additional credits (iv)	CGPA (v)	Pass in (vi)	Break ofstudy (vii)	Prevention due to lack of Attendance	With drawal from writing end semester examination (viii)
B.E./ B.Tech. (Regular)	4 years	5 years	-	6.50	-	One year authorized break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	-
B.E./ B.Tech. Lateral Entry	3 years	4 years	-	6.50	-	One year authorized break of study included in the Duration permitted (iii)	Included in the Duration permitted (iii)	-
B.E./ B.Tech. (Honours) Specialisation inthe same discipline	3/4 years (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits from any one vertical of the same Programme	7.50	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, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits From more Than one Verticals of theother Programme	7.50 the same Programme	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. minor in other specialisation	3/4 years (Lateral entry, Regular, respectively)	4/5 years (Lateral entry, Regular, respectively)	18 credits from any onevertical of theother Programme	6.50	-	One year authorized break of study included in The Duration permitted (iii)	Included in the Duration permitted (iii)	-

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

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**.

16.3. Student earned additional 18 credits as per Clause 3.1.1 and 3.1.2 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.

16.4 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 for the purpose of classification. (subject to clause 17).

16.5 Photocopy / Revaluation

A student can apply for photocopy of his / her semester examination answer paper in a theory course, as per the guidelines of the CoE, on payment of a prescribed fee through proper application to the CoE through the HoD and the Head of the Institution. The answer script is to be valued and justified by a faculty member, who has handled the course and recommend for revaluation with the breakup of marks for each question. Based on the recommendation, the student can register for the revaluation through proper application to the CoE. The CoE will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the Institution. Revaluation is not permitted for practical courses and EEC courses.

A student can apply for revaluation of answer scripts for not exceeding 5 courses at a time.

16.6 Review

Students not satisfied with Revaluation can apply for Review of his / her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to the CoE through the HoD and Head of the Institution.

Students applying for Revaluation are only eligible to apply for Review.

17. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

17.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports) approved by the Head of the Institution be granted permission to withdraw from appearing for the end semester examination in any course or courses in **ANY ONE** of the semester examinations during the entire duration of the degree programme. The application shall be sent to the CoE through the HoD and the Head of

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

the Institution with necessary documents.

17.2 Withdrawal application is valid if the student is otherwise eligible to write the examination (Clause 7) and if it is made within TEN days after the date of the examination(s) in that course or courses and recommended by the HoD and the Head of the Institution and approved by the CoE. 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.

17.2.1 Notwithstanding the requirement of mandatory 10 days, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

17.3 In case of withdrawal from a course / courses, the courses will figure both in the Grade Sheet as well as in the Result Sheet. However, withdrawal shall not be considered as an appearance for the eligibility of a student for First Class with Distinction.

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).

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 Project Work II respectively and the same shall not be considered as reappearance.

17.6 Withdrawal is permitted for the end semester examinations in the final semester, However clause 16 is applicable for classification of degree awarded.

18. PROVISION FOR AUTHORISED BREAK OF STUDY

18.1 A student is permitted to go on authorized break of study for a maximum period of one year as a single spell.

18.2 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the student may apply for an additional break of study not exceeding another one year. If a student intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to re-join the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Dean (Student Affairs) and Dean (Academics) in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the HoD and the Head of the Institution stating the reasons therefore and the probable date of re-joining the programme.

18.3 Student permitted to re-join the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of re-joining. The students re-joining in new Regulations shall register for additional courses, if any, as notified by the Dean (Academics) under change of Regulations. These courses may be from any of the semesters of the curriculum in force, so as to bridge the curriculum in force and the old curriculum. In such cases,

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

the total number of credits to be earned by the student may be more than or equal to the total number of credits prescribed in the curriculum in force.

18.4 The authorized break of study is included in the duration specified for passing all the courses for the purpose of classification (vide Clause 16.2).

18.5 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.

18.6 If any student is prevented for want of required attendance, the period of prevention shall not be considered as authorized 'Break of Study' (Clause 18.1).

18.7 If a student in Full Time mode wants to take up a job / start-up / entrepreneurship during the period of study he/she shall apply for authorised break of study for one year. The student shall join the job / start-up / entrepreneurship only after getting approval for the same by the Dean (Academics) with due proof to that effect.

18.8 No fee is applicable to students during the Break of Study period.

19. DISCIPLINE

19.1 Every student is required to observe disciplined and decorous behaviour both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / Institution. The Head of the Institution shall constitute a disciplinary committee consisting of the Head of the Institution, Dean (Student Affairs) and Heads of Department concerned, to enquire into acts of indiscipline and notify the University about the disciplinary action taken. In case of any serious disciplinary action which leads to dismissal, then a committee shall be constituted including one representative from Anna University, Chennai. In this regard, the member will be nominated by the University on getting information from the Head of the Institution.

19.2 If a student indulges in malpractice in any of the End Semester / internal examination he / she shall be liable for punitive action as prescribed by the Institution from time to time.

20. REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The Institution may from time to time revise, amend or change the Regulations, curriculum, syllabus and scheme of examinations with the approval of Academic Council.

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI-09
(Autonomous)

(Accredited by NACC with 'A' Grade and by NBA for 6 UG Programmes)

(Approved by AICTE and affiliated to Anna University, Chennai)

Amendments in regulations - R-2021(A)

- **Amendment I – VCET /AC/AMD/2023-24/01 -** To facilitate the incorporation of NPTEL courses as an alternative to Open Elective/ Professional Elective courses, the following grade points framework for assessment was approved by all Academic Council Members.

Sl.NO	NPTEL grade points	Equivalence in VCET	Equivalent Grade Point	Marks for consideration
1	Elite + Gold/ Top 1%	Outstanding	O	10
2	Elite + Silver / Top 5%	Excellent	A+	9
3	Elite	Very good	A	8
4	Successfully completed	Good	B+	7

- **Amendment II – VCET /AC/AMD/2023-24/02 -** Restrictions in Internships - The student must go for an Internship only through OFFLINE mode.
- **Amendment III –- VCET /AC/AMD/2023-24/03 -** Naan Mudhalvan Course - Due to the dropping of Naan Mudhalvan courses for Autonomous Institutions by **Anna university, Chennai,** the same has to be removed from the curriculum of all the programmes. As per regulations R-2021, we have dropped one Open Elective (OE-I) in the sixth semester instead of the Naan Mudhalvan course and one 1 credit course.
- **Amendment IV - VCET /AC/AMD/2023-24/04 -** As per the new Amendments from Anna University, Chennai, advancement of Courses have been dropped.
- **Amendment V – VCET /AC/AMD/2023-24/05 -** Inclusion of Tamil Courses: First Semester : Heritage of Tamils; Second Semester: Tamils and Technology.
- **Amendment VI – VCET /AC/AMD/2023-24/06 -** In addition, we are in the process of RESTRUCTURING the curriculum of all programmes for the academic year 2024-2025, because of the dropping of Naan Mudhalvan course.

Controller of Examinations
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Dean (Academics)
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.

Principal
Velammal College of Engineering and Technology
(Autonomous)
Madurai - 625 009.