



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

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INSTITUTION WITH UGC 12B STATUS

**VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES
(VISTAS)**

(Deemed to be University Estd. u/s 3 of the UGC ACT, 1956)

SCHOOL OF ENGINEERING

UG REGULATIONS - 2022

CHOICE BASED CREDIT SYSTEM (CBCS)

Effective from the academic year 2022-2023 and applicable to the students to be admitted in **School of Engineering, VELS INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS), Chennai.**

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- I) “**Programme**” means Degree Programme that is B.E./B.Tech.
- II) “**Discipline**” means specialization or branch of B.E./B.Tech. Degree Programme, like Civil Engineering, etc.
- III) “**Course**” means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, etc.
- IV) “**Registrar**” means the authority of the University who is responsible for all academic activities of the University Departments for implementation of relevant rules of these Regulations.
- V) “**Head of the School**” means the Dean of the School.
- VI) “**Head of the Department**” means head of the Department concerned.
- VII) “**Controller of Examinations**” means the authority of the University who is responsible for all activities of the University Examinations.
- VIII) “**University**” means VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS), CHENNAI.

2. ADMISSION

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

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

(OR)

Should have passed the Higher Secondary Examination of Vocational stream (Vocational groups in Engineering / Technology).

2.2 Lateral entry admission

- (i) The candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. in the branch corresponding to the branch of study.

(OR)

- (ii) The 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 respectively as prescribed by the respective department. (Table I).

3. PROGRAMMES OFFERED

A candidate may be offered a programme in any one of the branches of study approved by the University (Table - II),

4. STRUCTURE OF PROGRAMMES

4.1 Every Programme will have curriculum with syllabi consisting of theory and practicals such as:

- (i) **Humanities and Social Science Courses (HSC)** include Technical English, Engineering Ethics and Human Values, Communication skills, Environmental Science and Engineering.
- (ii) **Basic Sciences Courses (BSC)** include Mathematics, Physics, Chemistry, Biology, etc.

- (iii) **Engineering Sciences Courses (ESC)** include Engineering practices, Engineering Graphics, Basics of Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation etc.
- (iv) **Professional Core Courses (PCC)** include the core courses relevant to the chosen specialization/branch.
- (v) **Professional Elective Courses (PEC)** include the elective courses relevant to the chosen specialization/ branch.
- (vi) **Open Elective Courses (OEC)** include the courses from other branches which a student can choose from the list specified in the curriculum of the students B.E. / B. Tech. Programmes.
- (vii) **Employability Enhancement Courses (EEC)** includes Project Work and/or Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training.
- (viii) **Mandatory Courses (MC)** includes courses necessary for holistic growth such as universal human values and basic life skills.

4.2 Personality and Character Development

All students shall enroll, on admission, in any one of the personality and character development programmes (NCC/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.

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

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

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

4.3 Number of courses per semester

Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 and Laboratory courses and Employability Enhancement

Course(s) not exceeding 4. Each Employability Enhancement Course may have credits assigned as per clause 4.4. However, the total number of courses per semester shall not exceed 10.

4.4 Credit Distribution

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

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

The Contact Periods per week for Practical courses/Project work/Seminars/ Case study/ etc can only be in multiples of 2.

4.5. Industrial Training / Internship

The students may undergo Industrial training for a period as specified in the Curriculum during summer / winter vacation. In this case the training has to be undergone continuously for the entire period.

The students may undergo Internship at Research organization / University (after due approval from the Department) for the period prescribed in the curriculum during summer / winter vacation, in lieu of Industrial training.

4.6 Industrial Visit

Every student is required to go for at least one Industrial Visit every year starting from the second year of the programme. The Heads of Departments shall ensure that necessary arrangements are made in this regard.

4.7 Medium of Instruction

The medium of instruction is English for all courses, examinations, seminar presentations and project / thesis / dissertation reports.

4.8 Massive Open Online Courses (MOOCs):

- a) Students opting for an online course shall be required to register for the MOOCs through SWAYAM-NPTEL with the guidance of SPOC/Mentors.
- b) Credit transfer policy will be applicable to –
 - All UG and PG programmes offered by the university that follow CBCS pattern.
 - All PCC/PEC/OEC courses offered by the corresponding program.
- c) Students should have successfully completed the course and received the Marksheet from SWAYAM to opt for credit transfer. They shall apply to the office of the COE through the HOD and SPOC.
- d) VISTAS shall award the credit of the equivalent core and elective course in the curriculum as credit for the courses completed via SWAYAM/ NPTEL platforms.
- e) VISTAS shall give the equivalent grade to the students for the credits earned through online learning courses through SWAYAM platform

SWAYAM Range of Marks	SWAYAM/ NPTEL Type of Certificate	Proposed Equivalent Grade Points (VISTAS)	Proposed Letter Grade (VISTAS)	Proposed Description (VISTAS)
90-100	Elite + Gold	10	O	Outstanding
75-89	Elite + Silver	9	A+	Excellent
60-74	Elite	8	A	Very Good
40-59	Successfully Completed	7	B+	Good

- f) Credits earned through MOOCs will be incorporated in the mark sheet /final mark sheet issued to the student by the Controller of Examination
- g) Students who have qualified in the examination conducted by the SWAYAM and opting for Credit Transfer shall be exempted from appearing in Continuous and Semester End examinations for the equivalent course.
- h) VISTAS also permit students to undergo the same courses and appear for Continuous and Semester End Examinations at VISTAS if they desire to do so for a better performance.

5. DURATION OF THE PROGRAMME

- 5.1 A student is ordinarily expected to complete the B.E. / B.Tech. Programme in 8 semesters (four academic years) but in any case, not more than 14 Semesters for HSC candidates and not more than 12 semesters for Lateral Entry Candidates.
- 5.2 Each semester shall normally consist of 90 working days or 450 periods of 60 minutes each. The Head of the Department shall ensure that every teacher imparts instruction as per the number of periods / hours specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.
- 5.3 The Dean of the school may conduct additional classes for improvement, special coaching, conduct of model test etc., over and above the Specified periods. But for the purpose of calculation of attendance requirement or writing the end semester examinations (as per clause 6) by the students 450 periods conducted within the specified academic schedule alone shall be taken into account and the overall percentage of attendance shall be calculated accordingly.
- 5.4 The University Examination will ordinarily follow immediately after the last working day of the semester as per academic schedule prescribed from time to time.
- 5.5 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 (vide clause 18.3) in order that he/she may be eligible for the award of the degree (vide clause 16).

6. ATTENDANCE REQUIREMENTS FOR COMPLETION OF THE SEMESTER

- 6.1 A Candidate 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 and secure 100% attendance. However, in order to give provision for certain unavoidable reasons such as Medical / participation in sports / personal, the student is expected to attend atleast 75% of the classes during any semester commencing from First semester.

6.1.1 **Therefore**, he/she must earn 75% and above (after rounding off to the nearest integer) of overall attendance taking into account the total number of 450

periods in a semester **within 90 working days** in all courses put together attended by the candidate as against the total number of periods in all courses offered during the semester (vide clause 5.3)

- 6.2 However, a candidate who secures overall attendance between 65% and 74% in that current semester due to medical reasons (prolonged hospitalization / accident / specific illness / Participation in Sports events) may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate attested by the Dean of the School. The same shall be forwarded to the Controller of Examinations, for record purposes.
- 6.3 Candidates who secure less than 65% of overall attendance shall not be permitted to write the University examination at the end of the semester and 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.

7. CLASS ADVISER AND MENTORS

To help the students in planning their courses of study and for general advice on the academic programme, the Head of the Department of the students will attach a certain number of students to a teacher of the Department who shall function as Class Adviser for those students throughout their period of study. Such Class Advisers shall advise the students and monitor the courses undergone by the students, check the attendance and progress of the students attached to him/her and counsel them periodically. If necessary, the Class adviser may also discuss with or inform the parents about the progress of the students.

Every student will also be allotted a mentor from the faculty of the department to guide him/her personally. The mentors will work in close association with the Class advisor to understand the progress of the students and provide the needed guidance.

8. CLASS COMMITTEE

- 8.1. Every class shall have a class committee consisting of teachers of the class concerned, student representatives and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include

- Solving problems experienced by students in the class room and in the

laboratories.

- Clarifying the regulations of the degree programme and the details of rules therein particularly clause 5 and 6 which should be displayed on college Notice-Board.
- Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- Informing the student representatives, the details of Regulations regarding weightage used for each continuous assessment. In the case of practical courses (laboratory / drawing / project work / seminar etc.) the breakup of marks for each experiment / exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.
- Analyzing the performance of the students of the class after each assessment and finding the ways and means of solving problems, if any.
- Identifying the weak students, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.

- 8.2 The class committee for a class under a particular branch is normally constituted by the head of the department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Dean of the School.
- 8.3 The class committee shall be constituted within the first week of each semester.
- 8.4 At least 5 student representatives (usually 2 boys and 3 girls) shall be included in the class committee.
- 8.5 The chairperson of the class committee may invite the faculty adviser(s) and the Head of the department to the meeting of the class committee.
- 8.6 The Dean may participate in any class committee of the School.
- 8.7 The chairperson is required to prepare the minutes of every meeting, submit the same to Dean, within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the Management by Dean of the School.
- 8.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable

intervals. The Class Committee Chairman shall put on the Notice Board the cumulative attendance particulars of each student at the end of every such meeting to enable the students to know their attendance details to satisfy the clause 6 of this Regulation. 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.

9. 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 teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Head of the Department / Dean depending upon whether all the teachers 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 continuous assessment test(s).

10. SYSTEM OF EXAMINATION

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

10.2 Each course, both theory and practical (including project work & Viva voce Examinations) shall be evaluated for a maximum of 100 marks.

10.2.1 For all theory and practical courses including project work, the continuous assessment will carry **40 marks** while the End Semester University examination will carry **60 marks**.

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

10.2.3 For blended courses, the practical component will be evaluated during the continuous assessments. End Semester University examination will be similar to theory courses for 60 marks

10.3 The University examination (theory and practical) of 3 hours duration shall

ordinarily be conducted between November and December during the odd semesters and between April and May during the even semesters.

- 10.4 The University 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 followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the guide of the project group and an internal examiner.
- 10.5 For the University examination in both theory and practical courses including project work the internal and external examiners shall be appointed by Controller of Examinations.

11. PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

S.No	Description		Marks
1	Two Continuous Assessment (C.A) Class Tests	(2 x 5)	10
2	Model Examination	(1 x 10)	10
3	Attendance	(1 x 5)	05
4	Assignments / Class Seminar	(1 x5)	05
5	Aptitude of the Student	(1 x 5)	05
6	Student's Assessment by Faculty	(1 x5)	05
Total			40

11.1 Practical Courses:

Every practical exercise / experiment shall be evaluated based on the exercise / experiment prescribed as per the syllabi and the records of work done maintained. There shall be at least one test during the semester. The criteria for arriving at the continuous assessment marks (40 marks) shall be decided based on the recommendation of the class committee and shall be announced at the beginning of every semester by the Head of the Department.

11.2 Project Work:

The allotment of guides for eligible UG students must be done before the semester starts. All students are required to do Projects in Reputed Industry / Laboratory to

promote academic industrial interaction and to provide professional expertise in selected fields of interest. Under this program, projects are formulated and implemented jointly by specialists from the industries and faculty members of the institute.

- 11.2.1. The Dean shall constitute a review committee for each branch of study. There shall be three reviews (each 100 Marks) during the semester by the review committee. The student shall make presentation on the progress made by him / her before the committee. The total marks obtained in the three reviews shall be **reduced for 30 marks** and rounded to the nearest integer. (This also implies equal weightage to all the three assessments), **5 marks** shall be given for Attendance (Clause 11.3), and **5 marks** shall be given for Student's Assessment by Faculty.
- 11.2.2 The project report shall carry a maximum 20 marks (same mark shall be awarded for the report submitted to every student within the project group) while 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).
- 11.2.3 If a candidate fails to submit the project report on or before the specified deadline, he / she is deemed to have failed in the Project Work and shall re-register for the same in a subsequent semester.

11.3 **OTHER EMPLOYABILITY ENHANCEMENT COURSES**

- 11.3.1 The seminar 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 appointed by Head of the Institution will evaluate the seminar and at the end of the semester the marks can 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%).
- 11.3.2 The 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 candidate shall submit a 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 Departmental Committee constituted by the Head of the Institution.

11.4 Attendance

The 5 marks for attendance shall be awarded as given below:

Theory, Practical courses and Project Work

91 % to 100 %	- 5 marks
75 % to 90 %	- 4 marks
65 % to 74 %	- 3 marks
Less than 65 %	- 0 mark

- 11.5 Every teacher 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 Head of the department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the department will put his signature and date after due verification. At the end of the semester, the record should be verified by the Dean who will keep this document in safe custody (for five years). The University or any inspection team appointed by the UGC / AICTE may inspect the records of attendance and assessment of both current and previous semesters.

12. REQUIREMENTS FOR APPEARING FOR UNIVERSITY EXAMINATIONS

A candidate shall normally be permitted to appear for the University Examinations of any semester commencing from I semester if he/she has satisfied the semester completion requirements (subject to Clause 6) and has registered for examination in all courses of the semester. Registration is mandatory for semester examinations as well as arrear examinations, failing which the candidate will not be permitted to move to the higher semester.

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

13. PASSING REQUIREMENTS

- 13.1 A candidate who secures not less than 40% of total marks prescribed for the end-semester University Examination in both theory and practical courses (including Project work), shall be declared to have passed the Examination.

13.1.1 If a candidate fails to secure a pass in a particular course, it is mandatory that

he/she shall register and reappear for the examination in that course during the subsequent semester when examination is conducted in that course; he/she should continue to register and reappear for the examinations in the failed subjects till he / she secures a pass.

13.1.2 The continuous assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass.

14. AWARD OF LETTER GRADES

14.1 Grade Conversion Table

Range of	Grade Points	Letter Grade	Description
90 – 100	10	O	Outstanding
82 – 89	9	A+	Excellent
75 – 81	8	A	Very Good
67 – 74	7	B+	Good
60 – 66	6	B	Above Average
50 – 59	5	C	Average
40 – 49	4	D	Minimum for Pass
00 – 39	0	RA	Reappear
		AA	Absent

14.2 Calculation of GPA and CGPA

The Grade Point Average (GPA) for the semester

$$\text{GRADE POINT AVERAGE [GPA]} = \frac{\sum (C \times GP)}{\sum (C)}$$

The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

$$\text{CUMULATIVE GRADE POINT AVERAGE [C]} = \frac{\sum_{n+1}^n (C \times GP)}{\sum_{n+1}^n (C)}$$

n = Number of subjects.

C = Credit for the academic courses successfully completed.

GP = Grade point for the academic courses successfully completed.

GPA = The Grade point Average for all the courses successfully completed in the current semester examinations.

CGPA = Cumulative Grade Point Average

15 REVALUATION / PHOTOCOPY / REVIEW

- 15.1. A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Dean of the School. A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time. The Controller of Examination will arrange for the revaluation and the results will be intimated to the candidate concerned through the Dean of the School. Revaluation is not permitted for practical courses, seminars, practical training and for project work.
- 15.2 A candidate can apply for photocopy of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of Department. The answer script is to be valued and justified by a faculty member, who handled the subject and recommend for revaluation with breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Department. Revaluation is not permitted for practical courses and for project work.
- A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.
- 15.3 Candidates 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 Controller of Examination through the Head of the Department.

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

16. ELIGIBILITY FOR THE AWARD OF THE DEGREE

16.1 A student shall be declared to be eligible for the award of the Degree if he/she has,

- Successfully gained the required number of total credits as specified in the Curriculum corresponding to his/her Programme within the stipulated time.
- No disciplinary action is pending against him/her.
- Successfully completed the field visit / industrial training, if any, as prescribed in the curriculum.
- The award of the degree must be approved by the Board of Management.

17 CLASSIFICATION OF THE DEGREE AWARDED`

17.1 A candidate who qualifies for the award of the degree having passed the examination in all the courses in his / her first appearance within the specified minimum number of semesters securing a **CGPA of not less than 7.5** shall be declared to have passed the examination in **First class with Distinction**. For the purpose the withdrawal from examination will not be construed as an appearance. Further, the authorized break of study will not be counted for the purpose of classification.

17.2 A candidate who qualifies for the award of the degree having passed the examination in all the courses in his / her first appearance within the specified minimum number of semesters plus one year (two semesters), securing a **CGPA of not less than 6.50** shall be declared to have passed the examination in **First class**. Further, the authorized break of study will not be counted for the purpose of classification.

17.3 All other candidates who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

17.4 **Students who have been admitted from other Universities under Inter University Transfer are not eligible for Classification.**

18. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

18.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by Chairman, sports board and HOD) 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 Registrar, through the Head of the Department with required documents.

- 18.2 Withdrawal application is valid if the student is otherwise eligible to write the examination and if it is made within TEN days prior to the commencement of the examination in that course or courses and recommended by the Head of the Department and approved by the Controller of Examinations.
- 18.2.1 Notwithstanding the requirement of mandatory 10 days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- 18.3 In case of withdrawal from a course / courses the course will figure both in Marks Sheet as well as in Result Sheet. Withdrawal essentially requires the student to register for the course/courses. The student has to register for the course, fulfill the attendance requirements, earn continuous assessment marks and attend the end semester examination. However, withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction.
- 18.4 Withdrawal is permitted for the end semester examinations in the final semester only if the period of study the student concerned does not exceed 5 years.

19. PROVISION FOR AUTHORISED BREAK OF STUDY

- 19.1 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 candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the **Registrar in advance**, but not later than the last date for registering for the end semester examination of the semester in question, through the Dean of the School stating the reasons therefor and the probable date of rejoining the programme.
- 19.2 The candidate permitted to rejoin the Programme after the break shall be governed by the Curriculum and Regulations in force at the time of rejoining. **If the Regulations is changed**, then, those candidates may have to do additional courses as prescribed by the **Dean, School of Engineering**.
- 19.3 The authorized break of study (for a maximum of one year) will not be counted for the duration specified for passing all the courses for the purpose of classification. (Vide Clause 14). However, additional break of study granted will be counted for the purpose of classification.

- 19.4 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 (vide clause 18.3) in order that he/she may be eligible for the award of the degree.
- 19.5 If any student is detained for want of required attendance, the period spent in that semester shall not be considered as permitted 'Break of Study' (Clause 18.3) is not applicable for this case.

21. DISCIPLINE

Every student is required to observe disciplined and decorous behavior both inside and outside the University and not to indulge in any activity which will tend to bring down the prestige of the University. The Registrar shall constitute a disciplinary committee consisting of Dean, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious in disciplinary action which leads to suspension or Dismissal, then a committee shall be constituted from University. In this regard, the member will be nominated by University on getting information from the Head of School.

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

22. REVISION OF REGULATION AND CURRICULUM

The University may from time to time revise, amend or change the Regulations, Curriculum, Syllabus and scheme of examinations through the Academic Council with the approval of Board of Studies.

TABLE- I

ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E. / B.TECH. UNDER LATERAL ENTRY SCHEME.

THE FOLLOWING TWO ADDITIONAL COURSES ARE PRESCRIBED FOR THE B.Sc. GRADUATES

a. The First Course to be studied either in the III semester of their study.

SL. No.	COURSE TITLE
1.	Computer Aided Drafting

b. The Second course to be studied during the IV semester of their study.

The student can register for any ONE of the following courses as applicable to their Branch of study.

i. **For Departments under Civil ,Mechanical, Biotech, Biomedical and Automobile Engineering (Any one of the Following)**

SL. No.	COURSE TITLE
1.	Engineering Mechanics
2.	Basic Electrical & Electronics Engineering

ii. For Department under Electrical and Electronics Engineering
(Any one of the Following)

SL. No.	COURSE TITLE
1.	Circuit Theory
2.	Basic Civil & Mechanical Engineering

iii. For Departments under CSE, ECE and IT (Any one of the Following)

SL. No.	COURSE TITLE
1.	Electric Circuits and Electron Devices
2.	Basic Civil & Mechanical Engineering

TABLE – II

S.No.	Degree Programme
1	B.E. Civil Engineering
2	B.E. Computer Science and Engineering
3	B.E. Electrical and Electronics Engineering
4	B.E. Electronics and Communication Engineering
5	B.E. Mechanical Engineering
6	B.E. Automobile Engineering
7	B.E. Bio Medical Engineering
8	B.Tech. Bio Technology
9	B.Tech. – IT (Cloud & Mobile based application Development) an association with IBM
10	B.E. Petroleum Engineering
11	B.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning)
12	B.E. Computer Science and Engineering (Data Science)