
Contents

- 1.0. TITLE AND COMMENCEMENT
- 2.0. ABBREVIATIONS
- 3.0. TITLE, DURATION AND ACADEMIC CALENDAR OF THE PROGRAMME
- 4.0. ELIGIBILITY FOR ADMISSION AND FEES
- 5.0. MAXIMUM DURATION OF PROGRAMME AND TIME LIMIT FOR COMPLETION
- 6.0. PRESCRIBED CREDITS FOR THE B.E. PROGRAMME
- 7.0. MEDIUM OF INSTRUCTION
- 8.0. CURRICULUM FRAMEWORK AND ACADEMIC PROCESSES
- 9.0. NATIONAL CREDIT FRAMEWORK (NCRF)
- 10.0. SEMESTERS, SEMESTER END EXAMINATIONS AND EXAMINATION TIMETABLE
- 11.0. DEFINITION OF FIRST ATTEMPT TO SEE
- 12.0. ATTENDANCE REQUIREMENT
- 13.0. COURSE ASSESSMENT AND EVALUATION PROCEDURE AND PASSING STANDARDS
- 14.0. MINIMUM CGPA FOR THE AWARD OF DEGREE
- 15.0. COURSE REGISTRATION UNDER PROCTOR GUIDANCE
- 16.0. REJECTION OF CIE MARKS AND/ OR SEE RESULTS
- 17.0. READMISSION
- 18.0. PROGRAMME STRUCTURE
- 19.0. WITHDRAWAL FROM THE PROGRAMME
- 20.0. CHANGE OF BRANCH
- 21.0. TRANSFER OF STUDENTS
- 22.0. GRADES AND GRADE POINTS
- 23.0. ADDITIONAL LETTER GRADES AND THEIR APPLICABILITY
- 24.0. CALCULATION OF SGPA AND CGPA
- 25.0. CONVERSION OF CGPA IN TO PERCENTAGE OF MARKS
- 26.0. PASSING CLASS EQUIVALENCE

27.0. VERTICAL PROGRESSION

28.0. MAKEUP EXAMINATION

29.0. SUMMER SEMESTER

30.0. SUCCESSIVE FAILURES AND ALTERNATE COURSE SELECTION

31.0. UNFAIR MEANS AND DISCIPLINARY ACTION

**32.0. INELIGIBILITY, DISCONTINUATION AND VACATING OF HOSTEL
ACCOMMODATION**

33.0. CONDUCT AND DISCIPLINE

34.0. MULTIPLE ENTRY AND MULTIPLE EXIT (ME-ME) OPTIONS

**35.0. ACCELERATED DEGREE PROGRAMME FOR ACADEMICALLY
EXCEPTIONAL STUDENTS**

36.0. GRADUATION

37.0. APPLICABILITY AND POWER TO MODIFY

1.0. TITLE AND COMMENCEMENT:

- 1.1. These Regulations shall be called “The National Institute of Engineering, Mysuru, (NIE) Regulations under Visvesvaraya Technological University, Belagavi for UG programmes.
- 1.2. This set of Regulations, on approval by the Academic Council, shall supersede all the corresponding earlier sets of regulations of the B.E. Degree programmes of NIE along with all the amendments thereto, and shall be binding on all students undergoing the Graduate Degree Programme(s) (Credit System) at NIE, Mysuru. This set of Regulations may evolve and get refined or updated or amended or modified or changed through appropriate approvals from the Academic Council and/or Governing Body from time to time, and shall be binding on all parties concerned, including the Students, Faculty and the Staff of Departments. The decision of the Governing Body shall be final and binding.
- 1.3. The provisions contained in this set of Regulations govern the policies and procedures on the Registration of students, imparting course instruction, conduct of examination and evaluation and certification of students’ performance and all amendments thereby leading to the award of the said Degree(s).
- 1.4. The Regulations shall come into effect from the date of obtaining approval from the Academic Council of the College and shall be applicable to the batch of students admitted from the Academic Year 2025-26 onwards and shall remain in force until revised/ amended or withdrawn by a formal notification issued by the Institute.

2.0. ABBREVIATIONS:

- a) “Academic Autonomy” means freedom to the College in all aspects of conducting its academic programmes, granted by the University for promoting excellence.
- b) “Autonomous College” means The National Institute of Engineering, Mysuru, designated as an autonomous college by the University, as per the VTU Autonomous College Statute - 2006.
- c) “Commission” means University Grants Commission (UGC).
- d) “Council” means All India Council for Technical Education (AICTE).
- e) “Statute” means VTU Autonomous College Statute - 2006.
- f) “University” means Visvesvaraya Technological University (VTU), Belagavi.
- g) “Institute” or “College” means The National Institute of Engineering, Mysuru (NIE).

- h) “HIE” stands for Higher Education Institutions.
- i) “NCrF” stands for National Credit Framework
- j) “CBCS” stands for Choice Based Credit System
- k) “ABC” stands for Academic Bank of Credits
- l) “APAAR” stands for Automated Permanent Academic Account Registry
- m) “ME-ME” stands for Multiple Entry and Multiple Exit (ME-ME)

2.1. DEFINITIONS:

1. **University Grants Commission (UGC):** Refers to the statutory body of the Government of India, established under the University Grants Commission Act, 1956, responsible for coordination, determination, and maintenance of standards of higher education, including recognition of universities, funding, and advisory functions under the Ministry of Education.
2. **All India Council for Technical Education (AICTE):** Refers to the national statutory body established by an Act of Parliament in 1987, responsible for the planned and coordinated development, quality assurance, and regulation of technical and management education, including Engineering, Technology, Architecture, Pharmacy, and allied disciplines, through prescription of norms, standards, and accreditation processes.
3. **National Credit Framework (NCrF):** India’s education reform initiative that serves as an umbrella framework for the creditisation of learning across school education, higher education, vocational education, and experiential learning.
4. **Outcome-Based Education (OBE):** An educational approach in which the entire teaching learning process is organised around clearly defined learning outcomes that students are expected to achieve at the end of a course, semester and programme.
5. **Bachelor’s Degree:** Means the undergraduate degree awarded by the University upon successful completion of the prescribed programme of study, namely Bachelor of Engineering (B.E.).
6. **Programme:** This is an educational programme in a particular stream/ branch of Engineering/branch of specialization leading to the award of the Degree. It involves events/ activities, comprising of lectures/ tutorials/ laboratory work/ fieldwork/ outreach activities/ project work/ vocational training/ viva-voce/ seminars/ internship/ assignments/

presentations/ term-work / self-learning, etc., or a combination of some of these.

7. **Discipline:** Refers to a specific programme or field of Engineering or Technology, such as Civil Engineering, Computer Science Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, and allied disciplines.
8. **Honors Degree:** Degree is an academic distinction earned by the students in addition to the regular engineering programme they are pursuing, by completing prescribe additional requirements.
9. **Minor Degree:** A minor degree is an academic distinction earned by the students alongside their primary engineering programme by successfully completing an approved set of courses in a secondary discipline.
10. **Multiple Entry and Multiple Exit (ME-ME):** Refers to a flexible academic framework that enables students to enter, pause, exit, and re-enter their programme of study without loss of academic progress, within the stipulated maximum permissible duration of the programme.
11. **Academic Bank of Credits (ABC) and Automated Permanent Academic Account Registry (APAAR):** Academic Bank of Credits (ABC) refers to a digital repository (bank or store house) that securely stores student's academic credits earned from recognized institutions across the higher education system. As Automated Permanent Academic Account Registry (APAAR) serves as the digital gateway for the Academic Bank of Credits. Creation of APAAR ID is mandatory for accessing and operating the ABC.
12. **Curriculum:** Refers to a structured academic framework consisting of courses, learning objectives and outcomes, content, instructional methods, and assessment strategies designed to achieve the defined educational outcomes of a programme.
13. **Academic Year:** Means the annual academic period comprising an odd semester and even semester, each of duration 90 teaching days, and a summer semester of eight (8) weeks, conducted after the even semester.
14. **Semester:** Means one of the academic periods into which an academic year is divided, during which courses are taught, assessed and evaluated. The odd, even and summer semesters shall be as per the Institute's academic calendar.
15. **Course:** Means one of the academic subjects which is part of a programme of study. Each

Course will have course objectives and course outcomes. A Course may be designed to comprise of lectures/ tutorials/ laboratory work/ fieldwork/ outreach activities/project work/ vocational training/ viva-voce/ seminars/ term papers/assignments/ presentations/ term-work/ self-learning components etc., or a combination of some of these.

16. **Credit:** Refers to a unit or weightage by which the Coursework is measured. It represents the number of hours of instructions prescribed per week. One credit is equivalent to thirty (30) hours of notional learning.
17. **Audit Course:** Means a course that a student may register for self- enrichment or skill enhancement without earning academic credits or grades, and whose performance is not included in the computation of the SGPA or CGPA.
18. **Course Code:** Means a unique alphanumeric identifier assigned to a course, indicating details such as the programme, semester level, branch or discipline, course serial number, and course category.
19. **Choice Based Credit System (CBCS):** Refers to a flexible, student-centric system of education that enables students to choose courses from a basket of options, including core courses, professional (disciplinary) and open (interdisciplinary) electives, and skill-based courses, in accordance with programme requirements. Under the CBCS, students are provided the flexibility to progress at their own pace and to complete the programme within the maximum permissible duration, while accumulating the required credits for graduation.
20. **Course Registration:** Refers to formal registration to Courses of study in every semester by every student under the supervision of a Faculty Advisor (also called Proctor/ Counsellor/Mentor), in the Institution to maintain the proper record.
21. **Course Evaluation:** Represents the measurement of the impact of the teaching-learning process and offers an opportunity for improving the quality of learning in courses and teaching performance. Course evaluation is done by adopting different methods such as tests, quizzes, assignments, experiential learning etc., during the teaching-learning period at the end of some modules or chapters of syllabus content and at the end of the semester. While the former part of the evaluation is called the Continuous Internal Evaluation (CIE) and the later part of the evaluation is called Semester End Evaluation (SEE).
22. **Continuous Internal Evaluation (CIE)/Formative Assessment:** Refers to the evaluation of students' performance in the course during the teaching-learning process. CIE shall be

carried out by the faculty teaching the course and evaluation components may include tests, assignments, group discussion, quizzes, course-specific projects, field surveys, seminars, etc., conducted during the semester tenure with a weightage for different activities as specified by the Institute.

23. Semester End Examinations Evaluation (SEE)/Summative Assessment):

Refers to a formal examination conducted by the Institute at the end of a semester (odd, even, or summer) to evaluate a student's knowledge, understanding, and application of course content. Semester End Examinations constitute a critical component of the Institute's evaluation process for certification, grading, and maintenance of academic standards in higher education.

24. First Attempt: Refers to a student who has studied in a current semester and attended any one of the Institute examinations of that semester after satisfying attendance and CIE requirements of all the prescribed courses of that semester and has registered for SEE. Such an attempt shall be considered as the first attempt. Even if a student is absent for all the semester examinations after registering for SEE, such an attempt shall also be considered the first attempt.

25. Credit Distribution Based on Weekly Academic Engagement: Refers to the allocation of credit values based on weekly hours devoted to various instructional modes, namely Lectures (L), Tutorials (T), Laboratory/ Drawing (P) and Term Work & Self Learning (TW & SL) over the duration of a semester. Credits for projects and internships shall be as specified in the approved Scheme of Teaching and Examinations.

26. Letter Grade: Means a letter symbol indicating the level of academic achievement of a student in a course, based on the percentage range of marks secured in the SEE or, in certain cases, in CIE alone. The University follows the letter grade system O, A+, A, B+, B, C, P and F. [Refer to clause]

27. Grade Point (GP) or Letter Grade Point: Refers to a numerical weightage assigned to a letter grade on a 10-point grading scale corresponding to the percentage range of marks secured by a student in a course. [Refer to clause]

28. Credit Point: This is the product of Grade Point (GP) and the number of credits for a Course i.e.,

$$\text{Credit points (Cr. P)} = \text{GP} \times \text{Credits for the Course.}$$

29. **Passing Standards:** Refers to the minimum academic requirement for passing a course, wherein a student must secure a grade point (GP) of four (04) or above.
30. **Semester Grade Point Average (SGPA):** Refers to a measure of academic performance of a student in a semester. It is the weighted average of grade points earned by a student in all courses registered during a particular semester. It shall be expressed up to two decimal places.
31. **Cumulative Grade Point Average (CGPA):** Refers to the weighted average of grade points earned by a student across all semesters completed up to a given semester in the programme. It shall be expressed up to two decimal places.
32. **Vertical Progression:** Refers to the advancement of a student to higher academic levels or years of the degree programme upon fulfilling the prescribed academic and progression requirements.
33. **Grade Card:** Refers to the certificate showing the grades earned by a student. A grade card shall be issued to all the registered students after every semester-end examination. The gradecard shall have the Programme and other details (Course code, title, number of credits, grades secured, number of attempts, and alternate course taken) along with SGPA of that semester and CGPA (except for the first semester) earned till that semester.
34. **Non-Credit Mandatory Course (NMC):** Refers to a mandatory course for which no academic credits are assigned. Successful completion of such courses, unless specifically exempted, is compulsory for the award of the degree.

3.0. TITLE, DURATION AND ACADEMIC CALENDAR OF THE PROGRAMME:

- 1) The Programme of study, which is an undergraduate Programme, shall be called the degree of Bachelor of Engineering, abbreviated as B.E., followed by specialization.
- 2) The duration of the B.E programme shall be of four (04) academic years, organised into eight (08) regular semesters and four (04) summer semesters, for candidates admitted to the first year of the programme. In the case of lateral entry candidates, the duration of the programme shall be three (03) academic years, organised into six (06) regular semesters and three (03) summer semesters.

After completion of the first year by regular-entry students, the regular semesters and summer semesters from the second year to the final year of the programme shall be common to both regular-entry and lateral-entry students.

- 3) The academic calendar of events for the programme of study for a semester, as approved by the Institute, shall be notified at least one week before the beginning of the semester. It shall be mandatory for faculty members/students to strictly adhere to the Academic Calendar for the completion of academic activities. The Academic Calendar shall be notified on the institute website, with copies of the notification communicated to all students and faculty members through departments. This academic schedule shall be prepared by the Office of the Dean (Academic Affairs) in consultation with CoE, IQAC and approved by the Principal and shall be approved/ ratified by the Academic Council (AC).
- 4) Each academic year is split into two regular semesters and one summer semester. The term of the semester for teaching B.E. programme is 15-16 weeks. Generally, each semester is of 18 weeks of duration including teaching, examination and announcement of results. Typically, odd semester is from August to December and even semester is from January to May.
- 5) In case of an eventuality of losing a teaching day due to unavoidable reasons, such losses shall be compensated by having teaching / laboratory / tutorial sessions on a suitable holiday by adhering to the time table of the day which was lost.

4.0. ELIGIBILITY FOR ADMISSION AND FEES:

The rules specified in the following clauses shall be followed for admission to B.E Programme. However, the orders issued by the Government and /or the regulatory bodies from time to time shall prevail.

- a) **Admission to 1st year:** Candidates shall have passed the PUC II examination conducted by the Pre-University Education Board of Karnataka, or 10+2 or an equivalent examination, as per the eligibility criteria notified by the Government of Karnataka from time to time.
- b) **Admission to 2nd year (Lateral Entry):** Eligibility for candidates who have passed a 3-year Diploma in Engineering or a B.Sc. Degree shall be:

- c) As notified by the Government of Karnataka and the University from time to time for admission in to 3rd semester (2nd year) of B.E. degree programme.
- d) Candidates who have completed an Engineering Diploma from States other than Karnataka shall submit the Equivalence/ Eligibility Certificate issued by the Director of Technical Education, Karnataka.
- e) **Qualification Earned from Foreign Countries:** For qualifications earned from foreign countries, an equivalence certificate issued by the Association of Indian Universities (AIU)/ UGC, the University, or any other authorized statutory body shall be mandatory for admission to B.E. Programmes.

In the event of any dispute regarding the equivalence of qualifications obtained from foreign countries, the decision of the University in this regard shall be final and binding on all concerned.
- f) **Additional Requirements for Lateral Entry Candidates:** All Diploma and B.Sc. degree holders seeking admission through lateral entry shall be required to successfully complete any additional course(s), bridge course(s), or prerequisite course(s) as may be prescribed by the University from time to time, before the completion of the degree programme.
- g) After admission of a candidate to a programme, if it is found that he/she had in fact not fulfilled all the requirements stipulated in the offer of admission, in any form whatsoever, including possible misinformation etc., the Principal is authorized to cancel the admission of such candidate.
- h) The College reserves the right to cancel the admission of any student and ask him/her to discontinue the studies at any stage of their career on the grounds of unsatisfactory academic performance or indiscipline or any misconduct.
- i) Every student of the College shall be associated with the Parent Department offering the degree programme that the student undergoes throughout his/her study period.
- j) The fee structure as stipulated by Govt. of Karnataka from time to time shall be applicable for all the admitted students.

5.0. MAXIMUM DURATION OF PROGRAMME AND TIME LIMIT FOR COMPLETION:

- (a) The duration of the Under Graduate Degree programme, B.E., shall be **four (4) calendar years for students admitted to the first year** of the programme with an educational qualification of PUC/ 12th standard or equivalent. Such students shall complete the programme **within eight (8) calendar years from the year of first admission**, failing which they shall not be eligible for the award of a degree.
- (b) The duration of the Under Graduate Degree programme, B.E., shall be **three (3) calendar years for students admitted directly to the second year** with an educational qualification of Diploma in engineering or B.Sc. They shall complete the programme **within six (6) calendar years from the year of first admission**, failing which they shall not be eligible for the award of the degree.

6.0. PRESCRIBED CREDITS FOR THE B.E. PROGRAMME:

6.1.B.E. Degree:

All courses prescribed by the Institute, except the non-credit Mandatory courses, shall carry credits and shall be considered as a head of passing for the purpose of vertical progression. The credits prescribed for the courses shall be awarded to the student upon successfully completion of the courses.

- (1) The total number of credits to be earned for the award of B.E., degree by **regular** students admitted to the first semester of the four-year B.E., programme shall be **160**.
- (2) The total number of credits to be earned for the award of B.E., degree by students admitted under the **lateral entry** scheme to the third semester of the four-year B.E., programme shall be **120**.

6.2.B.E. with Honors/ Minor Degree:

A student shall be eligible to obtain B.E. degree with Honors/ Minor, if he/ she earns a minimum of **additional 18 credits**, as specified by the university norms from time to time regarding the earning of additional credits [To be read along with Regulations

Governing the Award of Honors/ Minors in B.E./B.Tech., Degree Programmes from VTU].

7.0. MEDIUM OF INSTRUCTION:

The medium of instruction for the programme is English.

8.0. CURRICULUM FRAMEWORK AND ACADEMIC PROCESSES:

- (1) **Academic Curriculum:** The Institute academic curriculum is a structured and systematic plan of study that defines the learning objectives, course content, teaching–learning processes, assessment methods, and expected learning outcomes for all programmes of study over a specified period, in accordance with the Outcome-Based Education (OBE) framework integrated with the Choice-Based Credit System (CBCS) and National Credit Framework (NCrF).
- (2) **Outcome-Based Education (OBE):** Outcome-Based Education (OBE) is an educational approach in which the entire teaching-learning process is organised around clearly defined learning outcomes that students are expected to achieve at the end of a course, semester and programme. In OBE, the focus is not merely on what the Course Instructors teaches, but on what the learner is able to do, demonstrate, or apply after completing the learning experience. Thus, Outcome-Based Education ensures that graduates are competent, industry-ready, and capable of applying their knowledge effectively, making it particularly suitable for professional and engineering education.
- (3) **Choice Based Credit System (CBCS):** Learning is the acquisition of knowledge, skills, behaviours, values, attitudes through study, experience, or instruction. The Choice Based Credit System (CBCS), implemented in conjunction with Outcome-Based Education (OBE), is a student-centered teaching-learning framework that emphasizes clearly defined and measurable learning outcomes. This integrated approach aligns the curriculum design, teaching methodologies, and assessment strategies to ensure that students acquire essential knowledge, skills, and values required for Graduate Attributes and Professional Competencies (GAPC). CBCS promotes conceptual understanding and

mastery, ensuring that learners achieve the expected level of competence before progressing to advanced topics

9.0. NATIONAL CREDIT FRAMEWORK (NCrF):

The National Credit Framework (NCrF), introduced under India's education reforms, serves as an umbrella framework for the creditisation of learning across school education, higher education, vocational education, and experiential learning. NCrF credit levels are determined based on a combination of cumulative years of learning, the complexity of learning outcomes, and the rigor of assessment. These levels signify the degree of competence and complexity attained by the learner, progressing from foundational schooling to advanced doctoral research.

Levels 1 to 4 correspond to school education up to the 12th standard, while Levels 4.5 to 8 correspond to higher education, ranging from the undergraduate level to the Ph.D. level. In the earlier system, credits were primarily based on contact time (lecture hours per week × number of weeks per semester/year), assuming that learning is directly proportional to time spent in classroom instruction. However, the NCrF adopts a comprehensive and outcome-based approach by assigning credits to all forms of learning, including, (i) Classroom teaching, (ii) Laboratory work, (iii) Projects, (iv) Internships and apprenticeships, (v) Online and blended learning, (vi) Fieldwork and community engagement, (vii) Recognition of Prior Learning (RPL), (viii) Sports and arts activities, and (ix) On-the-job training.

Credits are thus based on **notional learning hours**, representing the total learner effort rather than only contact hours. This definition aligns Indian education with Global outcome-based credit systems, and international credit transfer practices [e.g., European Credit Transfer and Accumulation System (ECTS)-like frameworks].

According to NCrF, one academic year of learning is equal to 1,200 notional learning hours (not a scientifically-validated law or psychological constant, but a policy design hours) and includes classroom teaching, self-study, assignments, projects, laboratory work, cocurricular and extra-curricular activities, internships, apprenticeships and other assessed learning experiences. For these 1,200 hours a student is expected to earn 40 credits, which means 1 credit corresponds to approximately 30 hours of academic learning.

Although conventional systems often equated one (1) credit with approximately 13 to 15 contact hours per semester, the Institute, in alignment with NCrF, considers 14-weeks of structured academic interaction with students in a semester to be equivalent to approximately **30 notional learning hours per credit**. The learning methodologies include:

- (a) **Classroom Instruction (CI):** Includes different instructional/implementation strategies, such as Lecture (L), Tutorial (T), Case method, Demonstrations, Video demonstration, Problem based learning etc., to deliver theoretical concepts within the classroom. It is measured in terms of the number of hours per semester.
- (b) **Laboratory Instruction (LI):** Expressed in terms of the number of hours per semester and includes experiments, practical performances, problem-based experiences, and hands-on activities conducted in laboratories, workshops, field locations or other learning environments using different instructional / implementation strategies.
- (c) **Term work (TW):** Includes assignments, seminars, presentations, case studies, micro projects, field activities, industrial visits, academic preparation duration and any other student-centric learning activities. It is expressed in terms of the number of hours per semester.
- (d) **Self-Learning (SL):** MOOCs (SWAYAM/NPTEL/Industry certified courses), spoken tutorials, online educational resources, self-initiated projects, Learning through digital resources and similar activities. It is expressed in terms of the number of hours per semester, wherever provided in the curriculum structure.

The Institute, in alignment with VTU and NCrF, considers 14 weeks of structured academic interaction per semester with students as equivalent to approximately 30 notional hours per credit. Table 9.0.1 shows the credit structure based on NCrF learning hours adopted by the Institute.

Table 9.0.1. NCrF Credit Structure adopted by the Institute					
Credit of the Course	L	T	P	TW/SL	Total Hours
1	14	0	0	16	30
1 (Tutorial)	0	28	0	2	30
1 (Practical/Laboratory)	0	0	28	2	30
2	28	0	0	32	60
3	42	0	0	48	90
3 (With Tutorial)	28	28	0	34	90
3 (With Practical)	28	0	28	34	90
4	56	0	0	64	120
4 (With Tutorial)	42	28	0	50	120
4 (With Practical and Tutorial)	28	28	28	36	120
4 (With practical)	42	0	28	50	120
3 (Project Work)	0	0	0	90	90
7 (Project Work)	0	0	0	210	210
10 (Internship)	0	0	0	300	300

10.0. SEMESTERS, SEMESTER END EXAMINATIONS AND EXAMINATION TIMETABLE:

(1) Semesters – Odd, Even, and Summer:

- The semester that commences at the beginning of the academic year shall be known as the Odd Semester, and the semester that follows the Odd Semester shall be known as the Even Semester.
- The odd and even semesters shall normally comprise 90 working days of teaching as prescribe by AICTE, or 14 weeks of instruction as per the National Credit Framework (NCrF).
- The summer semester is a shorter (approximately 8 weeks), academically intensive supplementary term conducted after the even semester, i.e., the 2nd, 4th, 6th and 8th

semester. It is structured to enable students to re-register and clear the courses, without waiting for a full academic year.

The summer semesters are intended for students who have been awarded:

- i) DX grade [detained due to shortage of attendance with or without satisfying the CIE requirement],
 - ii) NS grade [failure to satisfy the CIE requirements of a credit course, in spite of satisfying the attendance requirements, by securing less than 40% of the prescribed CIE marks],
 - iii) NP grade [failure to satisfy the CIE requirements of non-credit course, in spite of satisfying the attendance requirements, by securing less than 40% of the prescribed CIE marks],
 - iv) W grade [withdrawal from the registered course(s)].
 - v) Such students shall register for the concerned course(s) during the summer semester and satisfy the attendance and Continuous Internal Evaluation (CIE) requirements prescribed for the course(s) in order to become eligible to appear for the summer semester examinations.
- (d) The students who have secured F grade [failure to earn a passing letter grade] in a course upon appearing for the Semester End Examination (SEE), whether conducted during a regular semester or a summer semester, or who were absent for the SEE after satisfying the prescribed attendance and Continuous Internal Evaluation (CIE) requirements, shall be permitted to reappear for the SEE of the corresponding course whenever the course is offered during a regular odd semester, regular even semester, or summer semester, without registering for the course during the regular or summer semester. However, such students shall be required to pay the prescribed examination fee for appearing for the SEE.
- (e) The Summer Semester shall,
- (i) Offer selected courses, with the total registered credits limited to a maximum of **14 credits**, and with higher academic workload per week than that of a regular semester,

- (ii) Facilitate students who are not eligible for vertical progression to clear backlog courses, and thereby become eligible for promotion to the next academic year and complete the programme within the minimum prescribed duration.
- (iii) Provide students with a customized and flexible learning pace for completing pending academic requirements.
- (iv) Not permit registration for project work and internships.

(2) Semester End Examinations (SEE):

- (a) The Institute shall conduct odd semester examinations only for the courses prescribed for the odd semesters. Similarly, even semester examinations shall be conducted only for courses prescribed for the even semesters.
- (b) Students who have secured an F grade in the first semester course, or who were absent for the SEE of the registered course after satisfying the prescribed attendance and CIE requirements, shall be permitted to appear for the examination of such course(s) during the second-semester examinations, provided the course(s) are common and offered in the second semester.
- (c) Summer Semester examinations shall be conducted for all the courses prescribed in the odd and even semesters of the relevant academic year, as applicable. However, students may register for backlog courses of lower semesters in which they have been awarded DX, NS, NP or W grades for the purpose of satisfying the attendance and/ or Continuous Internal Evaluation (CIE) requirements. The total registered credits during the Summer Semester **shall not exceed 14 credits**, excluding non-credit mandatory courses.

For all examinations, only those students who satisfy the attendance requirement and CIE requirement shall be eligible to appear for SEE of that course.

(3) Semester End Examinations and Timetable:

Students who do not have any backlog courses shall ordinarily not be scheduled for more than one examination on the same day.

However, students having a backlog course(s) may encounter any of the following situations:

- (a) Two examinations scheduled on the same day, one in the forenoon session and the other in the afternoon session.
- (b) Two examinations belonging to different semesters scheduled at the same time. In such cases, the student shall be permitted to appear for any one of the examinations of his/ her choice and may appear for the other examination when it is conducted subsequently.
- (c) Examinations scheduled on consecutive days.

In view of the academic and administrative constraints associated with the timely completion of examinations and declaration of results, the published examination timetable shall not be modified, altered, or rescheduled on account of any of the situations specified above.

11.0. DEFINITION OF FIRST ATTEMPT TO SEE:

- (1) First attempt refers to the initial appearance at the Semester End Examination (SEE) by a bonafide student registered for a semester, provided the student has fulfilled attendance and CIE requirements and has registered for the SEE in all prescribed courses of that semester. Once registered for the SEE, the registration shall be deemed to constitute the first attempt, irrespective of whether the student:
 - (a) appears for all the examination papers,
 - (b) appears for only some of the examination papers, or
 - (c) remains absent for one or more examination papers, including all the examination papers.
- (2) Students who have opted for a W grade in one or more courses on account of withdrawal from the registered course(s) in any academic year, with or without satisfying the attendance and CIE requirements, who subsequently secure a passing grade in the same course(s) during the summer semester upon their first registration for the SEE, shall be treated as having cleared the course(s) in the First Attempt. However, such students shall not be eligible for the award of ranks.
- (3) Notwithstanding the above provisions, students who have satisfied the attendance requirements in one or more courses of a semester and have secured a minimum of 40% of the prescribed CIE marks, but are unable to appear or could not appear for the SEE due to

valid and convincing reasons as specified below, may be permitted to appear for the appropriate Odd Semester, Even Semester or Summer Semester examination, subject to prior or post recommendation by the Principal.

The valid reasons for absence from the SEE may include:

- (a) Serious health issues or inability to move due to personal accident,
- (b) Serious health issues, accident, or death of parent/guardian/tragedies in the family;
- (c) Natural disasters or other valid reasons and convincing reasons.
- (d) Participated in the Sports / cultural activities of International / National importance.
- (e) Participated in National level NCC / NSS camps.

Students falling under this category shall apply to the Dean Academic Affairs through the Head of the Department, on or before the prescribed last date for registration, as notified in the Academic Calendar, along with adequate documentary evidence such as, medical certificates issued by a competent authority, authenticated documents in cases of natural disasters or other valid reasons and Sports/NCC/NSS certificates issued by the competent authorities.

Permission to appear for the Semester End Examination (SEE) shall be granted at the discretion of the Institute, and the decision of the Principal in such matters shall be final and binding.

Students who under this category completes all the courses successfully shall only be deemed to have completed the semester in the first attempt and shall be eligible for considered in the declaration of marks.

In the event that such students fail to complete all the registered courses, any subsequent appearance in the SEE shall be treated as a second attempt, third attempt, and so on, as applicable.

12.0. ATTENDANCE REQUIREMENT:

- (1) The basis for the calculation of attendance shall be the period (span of a semester) prescribed by the Institute in its academic calendar of events and as notified by the Dean (Academic Affairs).
- (2) In the case of late admissions, approved by the competent authorities (KEA/DTE/VTU), for admission to I semester or III semester for lateral entry scheme, the attendance shall be reckoned from the date of admission to the Programme.

- (3) Every prescribed course shall be treated as a unit for the calculation of attendance. Students are required to attend all the lectures, tutorials, practical's and other prescribed curricular and co-curricular activities of each course.
- (4) A student who cannot fulfil 100 % attendance shall be required to **secure a minimum attendance of 85 % in each registered course.**
- (5) If the attendance in a course, fall below 85 %, a shortage up to a **maximum of 10 %** may be condoned by the Principal, based on the specific recommendations of the Head of the Department.

This provision shall be utilized only on valid grounds, such as:

- (a) Medical reasons
- (b) Participation in NSS/ NCC/ Red Cross activities
- (c) Participation in National level Republic Day and Independence Day Parades
- (d) Participation in University/State/National/ International level sports and cultural activities

All such cases shall be supported with valid documentary evidence. The Head of the Department shall recommend for the condonation of attendance shortage and forward the application, along with documents, through Dean (Academic Affairs) with his/her recommendation, to the Principal last working day of the semester.

- (6) If the attendance of a student in a course falls below 85%, even after the grant of condonation for shortage of attendance, such students shall be deemed to have a shortage of attendance.
- (7) The College shall notify, every month, the list of candidates who fall short of prescribed attendance. The course teacher/ mentor/ class teacher or college office shall inform the students and their parents/guardians about the attendance status on a monthly basis. Students facing attendance shortage shall be counselled and mentored to make up for the shortage wherever possible.
- (8) A student who does not satisfy the attendance requirement, with or without satisfying the CIE requirements, in one or more courses (including bridge courses for lateral entry students, unless exempted by the Institute) shall not be permitted to appear for the Semester End Examinations of those courses.

The shortage of attendance irrespective of CIE status shall be indicated by the letter grade **DX** and the same shall be reflected in the grade card.

Students who have secured DX grade shall register for such courses in the summer semester to satisfy both attendance and CIE requirements to become eligible to appear for the SEE.

Notwithstanding the DX grade in some of the courses, the student shall be permitted to appear for the SEE in other courses of the same semester or other semesters.

13.0. COURSE ASSESSMENT, EVALUATION PROCEDURE AND PASSING

STANDARDS:

13.1. Course Assessment:

Continuous Internal Evaluation (CIE) [also called formative assessment] and Semester End Examination (SEE) [also called Summative assessment] are the two major evaluations prescribed for each course under the Scheme of Teaching and Examinations. Each method adopts a distinct approach to assessing the academic performance of students. *As per Regulations governing Continuous Internal Evaluation (CIE), Semester End Examination (SEE), minimum requirement for obtaining pass grade and attendance requirement.*

For Internship (Industry/ Research) and Project work in both phases, CIE (Two evaluations with 50 marks each) & SEE for 100 marks shall be conducted after completion. CIE and SEE evaluation to be carried out with appropriate Rubrics approved by the Departmental Committee constituted by HoD. SEE evaluation to be carried out with an External Examiner. Those who do not complete the internship and project work shall be declared fail and shall have to complete it during the examinations after satisfying the internship requirements during subsequent semesters.

13.2. Review of CIE:

(1) Continuous Internal Evaluation Review Committee:

The Department Council members shall review the internal assessment process.

Invitees (Optional):

- Course Instructor(s) teaching the course
- Student – Class Representative

13.3. Passing Standards:

- (1) A minimum of 40% of the maximum marks has to be secured in CIE for appearing in a theory/ practical examination of each course.
- (2) A minimum of 35% of the maximum marks has to be secured in SEE for passing a theory/ practical course.
- (3) A minimum of 40% of the maximum marks shall be secured in (CIE+SEE) for passing a theory/ practical or an integrated course. As shown in Table 13.3.1

Table: 13.3.1 - Passing Standards using Absolute Grading	
Evaluation method	Passing Standard
Continuous Internal Evaluation (CIE)	Score: $\geq 40\%$
Semester End Examination (SEE)	Score: $\geq 35\%$
Overall score for Passing: $\geq 40\%$	

14.0. MINIMUM CGPA FOR THE AWARD OF DEGREE:

Students who have secured a **CGPA ≥ 4** and have successfully completed all prescribed non-credit mandatory courses shall be eligible for the award of B.E. degree.

15.0. COURSE REGISTRATION UNDER PROCTOR GUIDANCE:

Each student after consulting his/her proctor shall register for the courses in every semester on the days specified for registration as per Academic Calendar issued from the office of Dean (AA). Course registration shall be deemed complete only upon approval by the respective proctor in the Institute's portal for each semester is mandatory. The students have to be physically present in the campus for course registration as per the dates mentioned in the Academic Calendar.

(1) Course Registration Procedure:

- (a) All students admitted to B.E. programme shall register for all the courses of the semester. Course registration shall be completed through the Institute portal. Course registration shall be affected for every odd, even and summer semester as and when the students enroll for the corresponding semester.

- (b) For a regular semester, a student can register for a **minimum of 14 credits** and **maximum of 28 credits** in a semester. These 28 credits include Minor/ Honors Degree courses, the courses of the regular and backlog semester. The registration of the additional credits includes the courses having a shortage of attendance and the courses whose CIE requirements are not fulfilled; however, the minimum/ maximum credit limit can be relaxed by the Principal, on specific recommendations of the Departmental Council only under exceptional circumstances.
- (c) Students who have earned the minimum CIE & attendance in any of the courses and have failed in SEE and have secured 'F' or 'AB' grade can register for the examination directly whenever it is held.
- (d) The students with 'DX', 'NS', 'NP', 'W' Grades and Not Registered can register for Odd semester courses only during Odd semester and Even semester courses only during Even semester
- (e) The students with 'DX', 'NS', 'NP', 'W' Grades and Not Registered may also register for a maximum of 14 credits during Summer semester offered after even semester in an academic year.
- (f) Students shall exercise the option for Professional Elective, Open Elective Course or Ability Enhancement Courses of a higher semester at the end of the previous semester. However, the student may be permitted to opt for a change of Elective Course/s within the last date for withdraw/ drop course as per the academic calendar of the Institute. The minimum number of students registered shall not be less than ten to any Professional Elective, not be less than thirty for Open Elective / Ability Enhancement Course (from 3rd semester onwards) offered by the Departments. If more students are opting for the same elective, it shall be offered on a first come first serve basis, up to one division i.e. 60 students. If the department has the facility to offer the same elective for another division, it may do so; else the students must opt for a different elective, depending on the strength of the division.
- (g) For a student to register for some courses he/ she may be required to have adequate knowledge about one or many courses which are declared as pre-requisite courses in the earlier semesters. The student is deemed to have satisfied this requirement by satisfying the Clause of minimum attendance in the course(s) which is/ are declared

as pre-requisite(s). The details of the pre-requisites will be announced by the Departmental Council as a part of the programme curriculum.

- (h) Late course registration shall be permitted up to the last date specified in the Academic Calendar on payment of the prescribed late fee. No student shall be permitted to register after the prescribed date except as provided under clause 15.1.(i).
- (i) A student may be permitted to complete course registration after the last date prescribed in the Academic Calendar only for valid reasons such as illness, accident, or a family calamity. In such cases, the student shall obtain prior permission from the Institute, wherever feasible, and submit the necessary supporting documents shall be considered only with the ARC.
- (j) Attendance shall be reckoned from the commencement of the semester, irrespective of the date of course registration.
- (k) A student will be allowed to register for the next semester only when he/ she fulfils the following conditions:
 - (i) Cleared the entire previous semester fees due, if any, to the institute, hostel and library and also has paid all advance deposits of the Institute and hostel for the semester for which he/she is registering.
 - (ii) Satisfies all academic requirements, namely the credits earned and minimum CGPA, to continue with the programme. (Clause 27.0)
 - (iii) Not restrained from registering due to any specific reason by the college.
- (l) Registration in Absentia will be allowed only in exceptional cases at the discretion of Principal after the recommendation of the Departmental Council through the authorised representative of the student.
- (m) **Add/ Drop, Withdrawal from a Course:** A student has the option to add/ drop, withdraw courses until the last date mentioned for the same in the academic calendar corresponding to each academic semester/ year. However, the number of credits after dropping one or more courses shall satisfy clause 15.1.(b).

16.0. REJECTION OF CIE MARKS AND/ OR SEE RESULTS:

- (1) Students shall be permitted to reject the entire performance of an odd semester, an even semester, or both the semesters, comprising the CIE marks and SEE results of all the courses of the concerned semester(s). Such rejection shall be permitted only once during the entire Programme of study by the Controller of Examinations.
- (2) Students who reject the total performance of an odd semester or an even semester, or both semesters, including CIE marks and SEE results, shall repeat the rejected semester(s) under the prevailing scheme by seeking permission from the Controller of Examinations for readmission in the subsequent academic year. Such readmitted students shall be governed by the regulations of the prevailing scheme and may be required to study additional courses, if applicable.
- (3) However, where certain courses in the prevailing scheme have already been completed by the students under the scheme to which the student was originally admitted, the student shall be exempted from studying those courses again. The grades earned in such courses shall be taken into account while issuing the grade cards.
- (4) Readmission to odd/even semesters shall not be treated as fresh admission. Accordingly, the student shall retain the same University Seat Number (USN) allotted earlier. The maximum duration prescribed for completion of the programme shall be reckoned with reference to the original USN.
- (5) Students shall also be permitted to reject only the SEE results, retaining the CIE marks. However, the rejection of the SEE results in respect of all types of project work-based courses, whether undertaken individually or in groups in any semester, shall not be permitted.
- (6) Where the rejection of SEE results, while retaining the CIE marks, pertains to an Odd or Even Semester, students shall be permitted to take admission to the immediate succeeding Even or Odd Semester respectively, subject to the condition that the student satisfies the prescribed vertical progression requirements.
- (7) In case of rejection of SEE results of an entire semester while retaining the CIE marks and seeking permission to reappear for Semester End Examinations, the application shall be submitted to the Controller of Examinations through the Principal/ Dean (AA) as notified by the office of CoE from time to time.
- (8) In case rejection of SEE results of an entire semester, including CIE marks and seeking

readmission, the application shall be submitted to the CoE through the Dean (AA), within **30 days from the date of announcement of the results**, along with the prescribed fee, as notified by the office of CoE from time to time. Applications submitted after the prescribed period shall not be entertained under any circumstances.

- (9) Students who opt for rejection of semester end examination results shall be eligible for the award of the B.E. degree and Minor Degree. However, they shall not be eligible for the award of ranks or an Honors Degree.

17.0. READMISSION:

- (1) Students who temporarily discontinue the programme shall be permitted to seek readmission to the eligible semester, subject to the maximum duration prescribed for completion of the programme.
- (2) Permission for readmission shall be granted only upon a written request submitted to the University through the Principal and shall not be treated as a matter of right. Such students shall not claim any benefits on account of readmission.
- (3) Students who are readmitted to any semester under the existing scheme of Teaching and Examinations from a previous scheme, either as repeaters or freshers for various reasons, shall attend and complete all the remaining semesters of the programme in accordance with the Regulations of the prevailing Scheme of Teaching and Examinations. Further, such students shall complete additional courses prescribed by the Institute, if any, based on the recommendations in concurrence with the concerned **Board of Studies for establishing equivalence between the two schemes**. Such candidates shall not be eligible for the award of rank.
- (4) Readmission to odd or even semester shall not be treated as fresh admission. The student shall continue with the same University Seat Number (USN) allotted at the time of his/her original admission to the programme.

The maximum duration permitted for completion of the programme the student shall be computed with reference to the USN allotted during student's first admission to the programme.

- (5) Candidates who have temporarily discontinued the programme of study, changed the scheme of study for various reasons, or transferred from an autonomous college affiliated

to the University or from another university to a non-autonomous constituent or affiliated college of the University, shall be eligible for the award of the degree provided that

- (a) The total credits earned are equal to or greater than the credits prescribed by the University and
 - (b) All other requirements of these Regulations are satisfied.
- (6) If, upon completion of all semesters under the prevailing scheme, the total credits earned is found to be less than the credits prescribed by the University, the candidate shall register for additional course(s), not studied earlier, as may be prescribed by the concerned BoS, in order to earn credits equal to or greater than the prescribed requirement.
- (7) In the event of any difficulty in interpretation or implementation of these provisions, the matter shall be referred to the Principal, whose decision shall be final and binding.

18.0. PROGRAMME STRUCTURE:

18.1. The structure for a B.E. Degree programme typically consists of the following components:

- (a) **Humanities and Social Sciences (HSC):** These are mandatory for all disciplines, it includes Management, Skill Enhancement & Economics.
- (b) **Basic Science Courses (BSC):** Physics, Chemistry, Biology and Mathematics. These are mandatory for all disciplines.
- (c) **Engineering Science Courses (ESC):** Workshop, Drawing, and Basics of Electrical/ Electronics/ Civil/ Mechanical/ Computer Engineering, etc. These are mandatory for all disciplines.
- (d) **Professional Core Courses Laboratory (IPCC):** These are the integrated professional Core Courses, relevant to the chosen specialization/ branch. These courses will be either integrated with tutorial or laboratory components. The integrated core courses shall be compulsorily studied by students and it is mandatory to complete them to fulfill the requirements of the Programme.
- (e) **Professional Core Courses (PCC):** These are the professional Core Courses, relevant to the chosen specialization/ branch. The core courses shall be compulsorily studied by students and it is mandatory to complete them to fulfill the requirements of the Programme.

(f) **Professional Elective Courses (PEC):** These are professional Electives, relevant to the chosen specialization/branch and can be chosen from the pool of courses. It shall be supportive to the discipline providing extended scope/enabling exposure to some other discipline /domain and nurturing student proficiency skills.

(g) **Open Elective Courses (OEC):** These are the Elective Courses from other technical areas and/ or from emerging fields. Students of other departments shall opt for these courses for fulfilling the eligibility and prerequisite as mentioned in the syllabus.

(h) **Major Project (MP):** These are carried out at the parent Institution or any university / Government recognized organization without affecting the regular class work.

Based on the ability/abilities of the student/s and recommendations of the mentor, a single disciplinary or a multidisciplinary Major-project can be assigned to a group having not more than 4 students. The major project work needs to be taken up within the institute/ research laboratory/industry/center of excellences. **It is desirable, that the outcome of the project work may be published /patented.** The Project Work is carried out in two Phases viz. Major Project Phase I and Major Project Phase II in VI & VII semesters respectively. Project viva-voce examination shall be conducted individually. There is only CIE and no SEE for Major Project Phase I. However, there will be both CIE & SEE for Major Project Phase II.

(i) **Internship (INT):**

The internship, as a form of experiential learning, provides students with an opportunity to gain practical exposure to professional work environments while applying the knowledge acquired during their academic programme. This programme not only equips students with industry-relevant knowledge, technical competencies, and professional skills but also benefits organizations by enabling them to engage with emerging talent and fresh perspectives.

It enhances the employability of students by fostering technical proficiency, problem-solving ability, teamwork, communication skills, and professional ethics.

The internship shall be completed during the period prescribed in the Scheme of Teaching and Examinations. The Institution shall encourage students to undertake Industry Internships, Research Internships, or internships in recognized organizations to strengthen their practical knowledge, research aptitude, and industry readiness.

Research Internship/ Industry Internship shall be carried out at Industry/ government organizations, non-governmental organizations (NGOs)/ Micro, Small & Medium Enterprises (MSME)/ Research and development organizations/ Organizations of National or international repute/Institution Research Centers/ Innovation and Incubation Centres/ Start-ups /centre of excellence/entrepreneur cells for a **period of 14-20 weeks duration**. The institution shall encourage students to take up (i) interdisciplinary Research Internship or Industry internship and (ii) rural internship, a work- based activity carried out to learn practical experiences in rural areas, for the upliftment of living standards. The Internship examination shall be conducted at the end of Internship period.

The Institute shall not bear any cost involved in carrying out the internship by students. However, students can receive any financial assistance extended by the organization.

- (j) **Non-Credit Mandatory Courses (NCMC):** These Courses are mandatory, without the benefit of a grade/ credit; passing in each mandatory Course is required to qualify for the award of degree.
- (k) **Ability Enhancement Courses (AEC):** These courses are designed to help students to enhance their skills in communication, language, and personality development etc. They also promote a deeper understanding of courses like social sciences, ethics, culture, human behavior/ human rights, and the law. Ability Enhancement Courses are based upon the content that leads to Knowledge enhancement.
- (l) **Universal Human Value Courses (UHV):** The courses which teach: a holistic perspective based on self-exploration about themselves (human being), family, society, and nature. Understanding (or developing clarity) of the harmony in the human being, family, society, and nature. These are mandatory for all disciplines.
- (m) **Skill Development Courses (SD):** These courses will be nurturing student proficiency skills. These courses are offered to achieve the programme outcomes not specifically covered by the other courses.
- (n) **Massive Open Online Courses (MOOC):** A MOOC is one that is offered by SWAYAM/NPTEL. In addition to regular courses offered by the institute, students have to mandatorily register for the MOOC courses as per the curriculum. Students have

option to choose PEC/OEC in SWAYAM/NPTEL and SWAYAM Plus for credit transfer. Registration for these courses as specified from V to VIII semester may be completed at any time starting from the V Semester. Upon approval by the department committee, grades secured in the MOOC will be converted to an equivalent grade as per the regulations of NIE. The student has to register and clear the MOOC course within specified duration as per the Curriculum. The registration for the MOOC courses as specified in the scheme of teaching and examinations shall be completed on or before the specified semester.

- 18.2.** Departmental Council (D.C.) shall discuss and recommend the exact credits offered for the programme for the above components ‘(a)’ to ‘(n)’, the semester wise distribution among them, as well as the syllabi of all undergraduate courses offered by the department from time to time before sending the same to the Board of Studies (BOS). The BOS will consider the proposals from the departments and make recommendations to the Academic Council (AC) for consideration and approval.

18.3. Mandatory Earning of Activity points for the award of degree:

Apart from technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment. In order to match these multifarious requirements, AICTE has created a unique mechanism of awarding Activity Points over and above the academic grades.

- (a) Every regular student of the college admitted to the 4-year degree programme and every student entering four-year degree programme through lateral entry, shall earn 100 and 75 Activity points respectively for the award of degree through AICTE activity programme. Students transferred from other Universities to fifth semester are required to earn 50 Activity points from the year of entry to the Institute.

Sl. No.	Student Category	Activity Points Prescribed by AICTE
1.	Regular student admitted to the 4-year Degree programme	100
2.	Students entering 4-year Degree programme through lateral entry	75
3.	Students transferred from other Universities to the fifth semester	50

(b) The Activity points earned shall be reflected on the student's eighth semester grade card.

(c) The activities can be spread over the years (duration of the programme), anytime during the semester weekends and holidays, as per the interest and convenience of the student from the year of entry to the programme. However, minimum hours specified must be satisfied.

(d) Activity points (non-credit) have no effect on SGPA/CGPA and shall not be considered for vertical progression.

(e) In case, students fail to earn the prescribed Activity points, eighth semester Grade Card shall be issued only after earning the required Activity points. Students shall be admitted for the award of degree only after the release of the eighth semester grade card.

Note: The Activity points to be earned by the student may vary from time to time as per the guidelines from the competent authority.

19.0. WITHDRAWAL FROM THE PROGRAMME:

(1) Temporary Withdrawal:

(a) A student who has been admitted to a degree programme of the college may be permitted to withdraw temporarily, for a period of semester or multiple of a semester on the grounds of prolonged illness or grave calamity in the family or employment etc., provided that:

- The student applies to the College within at least 6 weeks of the commencement of the semester or from the date he/she last attended the classes, whichever is later, stating fully the reasons for such withdrawal together with supporting documents and endorsement of his/her parent/guardian.

- (ii) The College is satisfied that, even after counting the expected period of withdrawal, the student has the possibility to complete his/her requirements of the degree within the time limits specified by the University.
 - (iii) There are no outstanding dues or demands, with the Department/College/ Hostel/Library, etc.,
 - (iv) The tuition fees for all the subsequent semesters may be collected in advance before giving approval for such Temporary Withdrawal, until such time his/her name appears in the student's roll list. However, the fees/charges once paid shall not be refunded and the same can be adjusted when the student gets readmission during the subsequent Academic Year. In extreme cases if a student requests for Temporary Withdrawal after the said stipulated period, the same has to be approved by the Department Council and the decision of the Principal of the College regarding withdrawal is binding. For such students the Institute fee shall not be Refunded/ Readjusted for the subsequent Academic Year when the student seeks readmission and the student has to pay the full Institute Fees as applicable at that point of time.
 - (v) Scholarship holders are bound by the appropriate rules applicable to them.
 - (vi) The decision of the Principal of the College regarding withdrawal of a student is final and binding.
- (b) Normally, a student would be permitted to avail temporary withdrawal facility as a special case only once during his/her tenure as a student and this withdrawal period shall also be counted for computing the duration of study as specified by the Institute.
- (c) If a student has withdrawn from the programme for reasons of employment, when rejoining the programme, he/she should obtain the necessary permission from his/her employer for rejoining. This permission letter has to be submitted at the time of rejoining.

During the period of Temporary withdrawal, the student cannot register for the courses having a shortage of attendance and the courses whose CIE requirements are not fulfilled; however, the students can register for backlog courses for which he/she has minimum requirements of attendance/ CIE.

(2) Permanent Withdrawal:

Any student who withdraws admission before the closing date of admission for the academic session is eligible for the refund of the deposits only. Fees once paid will not be refunded.

Once the admission for the year is closed, the following conditions govern withdrawal:

- (a) A student who wants to leave the College for good, will be permitted to do so (and take Transfer Certificate from the College, if needed), only after remitting the tuition fees as applicable for all the remaining semesters and clearing all other dues, if any.
- (b) Those students who have received any scholarship, stipend or other forms of assistance from the College shall repay all such amounts.
- (c) The decision of the Principal of the College regarding withdrawal of a student is final and binding.

20.0. CHANGE OF BRANCH:

- (1) Normally a student admitted to a particular branch of the undergraduate programme will continue studying in that branch till completion.
- (2) However, in special cases, the college may permit a student admitted to change from one branch of study to another after the first two semesters. Such changes will be permitted, in accordance with the provisions laid down by the concerned competent authority.
- (3) Normally, only those students who have completed all the common credits registered in the first two semesters of their studies in their first attempt will be eligible for consideration of change of branch after the second semester.
- (4) Application for change of branch shall be submitted by the intending eligible students in the prescribed form when called for.
- (5) A common CGPA list shall be prepared at the end of the second semester to consider students for branch change.
- (6) Change of branch shall be strictly in the order of merit of the applicants. For this purpose, the CGPA obtained at the end of the second semester shall be considered. In

case of a tie, the marks obtained in the qualifying examination of the applicants will be considered.

- (7) The applicants may be allowed a change in branch, strictly in order of inter merit as stipulated by the competent authority from time to time. The number of vacant seats available in a particular branch is determined by the maximum sanctioned intake relative to the actual number of students present in the beginning of the third semester before implementation of the branch change process.
- (8) The branch change process shall be completed within the first week of commencement of the third semester term.
- (9) In this regard, the decision of the competent authority is final and binding.

21.0. TRANSFER OF STUDENTS:

- (1) Transfer of students from one College to another College within Karnataka State is permitted only at the beginning of the third & fifth semester, subject to availability of seats within the permitted intake with No Objection Certificate.
- (2) The candidate seeking admission shall apply for establishment of equivalence with prescribed fees as notified by the Institute.
- (3) The students transferred from other colleges shall take up additional courses, if required, as specified by the respective Departmental Council to meet the academic requirements of the Institute.
- (4) In all transferred cases, the equivalent SGPA and CGPA will be computed on the basis of the norms followed in the Institute. The decision taken in this regard by the Principal is final which shall be ratified in the Academic Council (AC).

Note: 21.0 may vary from time to time in accordance with the guidelines issued by the competent authority.

22.0. GRADES AND GRADE POINTS:

Absolute grading system shall be adopted as shown in Table: 22.0.1:

Table: 22.0.1 - Grade points scale for Absolute Grading								
Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Grade	O	A+	A	B+	B	C	P	F
Grade points	10	9	8	7	6	5	4	0
% of Marks Secured	90-100	80 - 89	70 - 79	60 - 69	55-59	50-54	40-49	0-39

O Grade: This grade stands for Outstanding performance

A+ Grade: This grade stands for Excellent performance

A Grade: This grade stands for Very Good performance

B+ Grade: This grade stands for Good performance

B Grade: This grade stands for Above Average performance

C Grade: This grade stands for Average performance

P Grade: This grade stands for Pass performance

F Grade: This grade denotes failure and hence very poor performance. A student who obtains 'F' grade in a course (in the SEE), shall register for examination of particular course when it is offered. However, if a student gets 'F' grade in an elective theory course, he/ she can register for the same elective or an alternative elective, as recommended by the Faculty Advisor and approved by the Departmental Council to satisfy the credit requirement in subsequent semesters.

23.0. ADDITIONAL LETTER GRADES AND THEIR APPLICABILITY:

In addition to the standard 10-point grading system, the following additional letter grades, as listed in Table 23.0.1, shall be awarded to students under specific academic or administrative circumstances.

Table. 23.0.1: Additional Letter Grades and Their Applicability

Additional Letter Grades	Applicability
AB	Absent for the SEE of a registered Course.
DX	Shortage of attendance in a credit or non-credit courses with or without satisfying the CIE requirements.
NS	Not satisfied the CIE requirements, with or without satisfying the attendance requirement of a credit course.
NP	Not satisfied the CIE requirements, with or without satisfying the attendance requirement of a non-credit course
PP	Pass grade in a non-credit course.
W	Dropped or withdrawn from a registered course (credit or non-credit course) in a semester. (The student shall re-register for the course during summer semester to appear for SEE).
I	This grade is a transitional grade which denotes incomplete grade. A student having satisfactory attendance and meeting the passing standard of CIE but remained absent from SEE due to Illness or accident, which disabled him/her from attending SEE, calamity in the family at the time of SEE, which required the student to be away from the college, any other verifiable exigency at the time of Semester End Examination for a course will be awarded this grade. The DC can consider the request of any such student for a makeup examination and depending on the merit of the case and in consultation with the course instructor, permit him/her to appear for makeup examination. The 'I' grade would be converted into one or the other of the letter grades (O/A+/A/B+/B/C/P/F) after the student completes the course requirements. If the student fails to get the minimum passing grade in Makeup Examination, he/she shall take up the examination for the course in the SEE of subsequent semester when the course is offered (with the same CIE obtained earlier).
X	Student having high CIE rating ($\geq 90\%$) in a course, but SEE performance observed to be poor, which could result in an overall 'F' grade in the course will be awarded X grade.

For Grades: F, DX, NS, AB, PP & NP the Grade Point is 0 (zero)

24.0. CALCULATION OF SGPA AND CGPA:

- (1) Semester Grade Point Average (SGPA) shall be computed at the end of each Semester. The Cumulative Grade Point Average (CGPA) shall be computed from the second semester onwards for regular students, and from the Fourth semester onwards for lateral entry students.

The final CGPA, calculated at the end of eight semester shall be indicated in the grade card to reflect the overall academic performance of the student.

- (2) Each course in a program is assigned a certain number of credits (C_i). Based on the credits and Grade Point ($GP = G_i$) earned in that course, the grade averages shall be calculated as follows:

- (1) The SGPA is the ratio of the sum of the products of the credits and the corresponding grade points secured by a student in all the courses registered in a semester to the total credits of those courses, i.e.,

$$SGPA = \frac{\sum(C_i \times G_i)}{\sum C_i} \text{ of the Semester under consideration}$$

Where C_i credits assigned to the i^{th} course and G_i grade points secured in the i^{th} course.

- (2) The CGPA shall be calculated in the same manner considering all the courses successfully completed up to the semester under consideration:

$$CGPA = \frac{\sum(C_i \times G_i)}{\sum C_i} \text{ of the Semesters under consideration}$$

- (3) The SGPA and CGPA shall be rounded off to two (2) decimal places and reported in the grade cards.

An illustrative example to calculate SGPA and CGPA for one academic year is shown in Table 24.0.1

Table – 24.0.1

(a) SGPA and CGPA Calculations: An Illustrative Example for one academic year

Semester (Odd: I, Even: II)	Course Code	Credits (<i>C_i</i>)	Grade	Grade Points GP= <i>G_i</i>	Credit Points CrP= <i>C_i</i> × <i>G_i</i>	SGPA, CGPA
I	XX11	3	B	8	3x8=24	$SGPA = \frac{C_i \times G_i}{C_i}$$= \frac{101}{20}$$= 5.05$
I	XX12	3	Absent(F)	0	3x0=00	
I	XX13	3	A+	9	3x9=27	
I	XX14	3	F	0	3x0=00	
I	XX15	3	B	6	3x6=18	
I	XX16	1	C	5	1x5=05	
I	XX17	1	A+	9	1x9=09	
I	XX18	2	B	6	2x6=12	
I	XX19	1	B	6	1x6= 06	
Total		20(14*)	Total		101	
(14*): The total credits of the semester, excluding the credits of courses awarded an F grade, shall be considered for the calculation of the CGPA for the two consecutive semesters under consideration.						
II	XX21	3	B+	7	3x7=21	$SGPA = \frac{C_i \times G_i}{C_i}$$= \frac{178}{26}$$= 6.85$
II	XX22	3	A	8	3x8=24	
II	XX23	3	B	6	3x6=18	
II	XX24	3	C	5	3x5=15	
II	XX25	3	A+	9	3x9=27	
II	XX26	1	F	0	1x0=00	$CGPA = \frac{\sum(C_i+G_i)}{\sum C_i}$$= \frac{(101+178)}{14 + 25}$$= \frac{279}{39} = 7.15$
II	XX27	1	A	8	1x8=08	
II	XX28	2	A+	9	2x9=18	
II	XX29	1	A	8	1x8=08	
I semester						
I	XX12	3	B	6	3x6=18	
I	XX14	3	B+	7	3x7=21	
Total		26(25*)	Total		178	

(25*): The total credits of the semester, excluding the credits of courses awarded an F grade, shall be considered for the calculation of the CGPA for the two consecutive semesters under consideration.

(b) CGPA Calculation of the Program: An Illustrative Example

Semester	I	II	III	IV	V	VI	VII	VIII
Credits of the semester	20	20	20	20	20	20	24	16
SGPA	5.0	6.73	9.20	6.86	8.18	7.73	9.18	9.40
$\sum \text{CrP}$	101	178	220	165	204	185	184	169

CGPA in case of Regular Students

$$CGPA = \frac{[101+178+220+165+204+185+184+169]}{160} = \frac{[1406]}{160} = 8.79$$

CGPA in case of Lateral Entry Students

$$CGPA = \frac{[220+165+204+185+184+169]}{120} = \frac{[1127]}{120} = 9.39$$

25.0. CONVERSION OF CGPA INTO PERCENTAGE OF MARKS:

For conversion of CGPA on a 10-point scale into percentage of marks (M) for the purpose of employment, or higher studies, the following expression shall be used:

$$\text{Percentage marks } M = CGPA \times 10$$

Example: If the CGPA is 8.20, the percentage marks

$$M = 8.20 \times 10 = 82.0 \%$$

26.0. PASSING CLASS EQUIVALENCE:

Upon successful completion of the programme and subsequent conversion of the final CGPA into percentage of marks (M), a graduating student shall be classified as follows:

- (i) ($M \geq 70$) First Class with Distinction (FCD),
- (ii) $60 \leq M < 70$ First Class (FC)
- (iii) $50 \leq M < 60$ Second Class (SC)
- (iv) $40 \leq M < 50$ Pass Class (P)

27.0. VERTICAL PROGRESSION:

Vertical progression refers to the advancement of a student from one academic year to the next higher year of the programme, subject to the fulfilment of the prescribed academic requirements relating to CIE and SEE, and compliance with attendance requirements, as specified in the regulations.

27.1. Common provisions applicable to regular students admitted to the first year of the programme and lateral entry students admitted to the second year of the programme:

- (a) Satisfying the prescribed attendance requirement and securing the minimum CIE marks for any course is mandatory. Students shall not be permitted to appear for the SEE in such courses until the prescribed attendance and CIE requirements are fulfilled.
- (b) Students who obtain grades such as DX (not satisfying the attendance requirement), NS (not satisfying the CIE requirement of a credit course), NP (not satisfying the CIE requirement of a non-credit course), or W in any course(s) shall be permitted to re-enrol for such course(s) during the summer semester.
- (c) All students enrolled into an odd semester of the programme shall be permitted to move to the corresponding even semester of the same academic year without any restriction.

However, for permitting the students to enrol in the next higher academic year, within the maximum duration of the programme, the following conditions under clause 27.2 & 27.3, shall apply.

27.2. Vertical Progression Rules for Regular Students Admitted to First Year of the Programme

- (a) **Students having grades such as F/ AB/ DX/ NS/ W/ Not Registered in courses totalling to more than sixteen (16) credits in the 1st and 2nd semesters of the first year of the programme shall not be permitted to move to the 3rd semester (2nd year) of the programme.**
- (b) **In order to progress to the VII semester, a student shall have successfully completed all the Credit courses of First Year of the programme.**

- (c) Regular students shall be permitted to enrol in the VII semester after undergoing teaching learning process in all semesters from III to VI, with no restrictions on the number of backlog courses, provided the requirement under clause 27.2.(b). is satisfied.

27.3. Vertical Progression Rules for the Lateral Entry Students

- (a) Lateral entry students shall be permitted to enrol in the VII semester after undergoing teaching learning of all the semesters from III to VI with no restrictions on the number of backlogs.

28.0. MAKEUP EXAMINATION:

The Makeup Examination facility is available to students who may have missed to attend the SEE of one or more courses in a semester for valid reasons and given the 'I' grade; Also, students having the 'X' grade shall also be eligible to take advantage of this facility. The makeup examination shall be held immediately after the announcement of SEE results as per dates notified in the Academic Calendar. The standard of SEE would be the same as that of other SEEs. Appearing in makeup examinations for a course shall be treated as a second attempt excluding cases wherein a student has participated in national/international level events like Sports/NCC/NSS/RD Parade etc. with a prior approval from the Institution.

Students claiming makeup examination on the above reasons are required to apply to the Dean (Academic Affairs) through the respective Department, on or before the prescribed last date for registration for such makeup examination announced in the Academic Calendar, along with proper medical/relevant document issued by a competent Authority. In the event of death and/or serious illness/ accident of parent or guardian, the application should be supported by appropriate documents. The decision of the committee headed by the Principal of the institute shall be final.

There is no makeup examination after the Summer Semester End Examination.

29.0. SUMMER SEMESTER:**29.1. Purpose of conducting Summer Semester:**

To enable students to complete courses having 'DX' / 'NS' / 'NP' grades or to complete dropped/withdrawn courses or to do additional courses or to do higher semester courses for extraordinary learners or to help slow learners to pace their studies/ learning based on their individual abilities.

To enable students who wish to undertake a one-year research/industry internship (leading to a project/startup)/ placement training (leading to job assurance) at the final year level, to complete higher semester courses by registering in the summer semester.

To enable readmitted/ change of branch/ scheme/ college students to progress to higher semester by offering backlog/ equivalent courses during summer semester.

To offer Internship/ apprenticeship/ work-based vocational education and training especially by students who wish to exit after 4 or 6 semesters of study.

29.2. Eligibility to register for a course in Summer Semester:

Students who have 'DX' / 'NS' / 'NP' grades i.e., either a shortage of attendance or not having the minimum CIE or both in a course. Such students shall register for the summer semester to satisfy the minimum attendance and CIE requirements to appear for the Summer Semester End Examination (SEE).

Students with 'F' / 'AB' grade having requisite attendance and CIE in a course, but, wish to re-register to that course for better learning, can do so in the summer semester by letting go the previous CIE marks and acquiring the required attendance and CIE marks afresh. However, they are eligible to register directly for SEE of summer semester by carrying forward their previous CIE marks.

Students in the extraordinary category (with a CGPA of ≥ 9.0) who wish to complete the programme in 3.5 years, may register for additional subjects from higher semester's regular courses during the summer semester, if offered by the HEI.

Slow learners may opt not to register/ Drop a few courses in the regular Odd/ Even semesters and register those courses in the summer semester. This shall be done under

the guidance of the Faculty Mentors subject to the condition that the course load in every semester shall not fall below the minimum limit.

29.3. Conduction of Summer Semester:

The summer semester, held annually after the EVEN semester, shall comprise of 8 weeks of classes followed by 2 weeks of examination called SEE.

A limited number of courses are offered depending on the student's requirement and the faculty availability. Selected regular courses, including audit/ mandatory courses, are offered during the summer semester.

A student is permitted to register **not more than 14 credits for coursework**, excluding audit/ mandatory Non-credit courses. However, there is no limit for a student to register for 'F' / 'AB' grade courses for SEE.

Students are not permitted to register for project work and internship in summer semester except students who wish to undertake one-year research/industry internship at the final year level and also for students who wish to exit after 4 or 6 semesters of study.

For students completing four years of study and still have courses with 'DX' / 'NS' / 'NP' grades, summer semester shall be conducted along with the regular odd/even semesters to facilitate such students to complete the degree without much delay. However, such students can also re-register to 'DX' / 'NP' grade courses, if they are offered in the regular odd/ even semesters of the ongoing batch of students.

Students who do not vertically progress to a higher year of study and are detained for a year need not wait till the commencement of the summer semester to register for 'DX' / 'NS' / 'NP' grade courses. They can register for such courses in the ongoing odd/ even semesters and appear for their exams in the regular odd/even SEE.

Note: Courses with 'DX' / 'NP' grades in Odd/ Even/ previous Summer Semester shall be registered again in the following summer semester only.

30.0. SUCCESSIVE FAILURES AND ALTERNATE COURSE SELECTION:

- (1) If a student not completing a course, other than the professional core course, **even after four attempts**, may drop that course and choose an alternate course having the same number of credits from the pool of courses suggested by the concerned Board of Studies.
- (2) The course so selected should not have been studied by the student or to be studied in future at higher semesters. The faculty advisor shall guide/ advise the student in this regard.
- (3) The college shall make arrangements for the registration and conduction of CIE for the alternate course selected.
- (4) This provision is given only for two courses (one at a time) during the entire maximum duration of the programme.
- (5) This provision is optional; the student/s can continue registering for the same course without opting for a change.

31.0. UNFAIR MEANS AND DISCIPLINARY ACTION:

- (1) Academic malpractices shall be seriously viewed, and appropriate disciplinary action shall be taken.
- (2) In the event of malpractice during any of the examinations, the
 - (a) Course coordinator / Invigilator shall report the matter to the Controller of Examinations for appropriate action.
 - (b) If a student disagrees with the action taken by the Malpractice committee, he/she may submit an appeal to the Principal for redressal.
 - (c) The students involved Malpractice in CIE will be awarded 'DX' Grade for that particular course and are not eligible to take the immediate SEE/ Summer Semester.
 - (d) The students involved Malpractice in SEE will be awarded 'F' Grade for that particular course and are not eligible to take Summer Semester.
 - (e) The decision of the Principal of the College regarding the Malpractice of a student is final and binding.

32.0. INELIGIBILITY, DISCONTINUATION AND VACATING OF HOSTEL**ACCOMMODATION:**

- (1) Regular students who could not enrol to III / V / VII semester even after a period of Five (05) / Six (06) / Seven (07) years, respectively from the year of admission to I semester, shall discontinue the programme and seek fresh admission through the prescribed admission process.
- (2) Lateral entry students who are unable to enrol for the V / VII semester even after a period of Four (04) / Five (05) years respectively, from the year of admission to III semester, shall discontinue the programme and seek fresh admission through the prescribed admission process.
- (3) Such regular or lateral entry students who become ineligible under the above provisions and are residing in the hostel, shall compulsorily vacate the hostel accommodation upon being declared ineligible to continue the programme.

33.0. CONDUCT AND DISCIPLINE:

Students shall conduct themselves within and outside the premises of the College, in a manner befitting the students of an Institution of National Importance. As per the order of Honorable Supreme Court of India, ragging in any form is considered as a criminal offence and is banned. Any form of ragging will be severely dealt with.

The following acts of omission and/or commission shall constitute gross Violation of the code of conduct and are liable to invoke disciplinary measures:

- (a) Ragging
- (b) Lack of courtesy and decorum, indecent behavior anywhere with in or out side the campus.
- (c) Willful damage or stealthy removal of any property/belongings of the College/ Hostel or of fellow students/citizens.
- (d) Possession, consumption or distribution of alcoholic drinks or any kind of hallucinogenic drugs.
- (e) Mutilation or unauthorized possession of Library books.
- (f) Noisy and unseemly behavior, disturbing studies of fellow Students.

- (g) Hacking in computer systems (such as entering into other Person's area without prior permission, manipulation and/or damage of computer hardware and software or any other Cyber-crime etc.).
- (h) Plagiarism of any nature.
- (i) Any other act of gross indiscipline.

Commensurate with the gravity of offense, the punishment may be: reprimand, expulsion from the hostel, debarment from an examination, disallowing the use of certain facilities of the College, rustication for a specified period or even outright expulsion from the College, or even handing over the case to appropriate law enforcement authorities or the judiciary, as required by the circumstances. For an offence committed in (i) the hostel (ii) the department or in a class Room and (iii) elsewhere with in the college campus, the Chief Warden, the Head of the Department and the Student Welfare Officer shall meet as a Committee and recommend for reprimanding or imposition of fine. Such recommendations shall be reported to the Principal for further action. Cases of adoption of unfair means and/or any malpractice in an examination shall be reported to the Principal for taking appropriate action.

34.0. MULTIPLE ENTRY AND MULTIPLE EXIT (ME-ME) OPTIONS:

- (1) Multiple Entry and Multiple Exit (ME-ME) refers to a flexible academic scheme under which students may:
 - (a) Enter an undergraduate engineering programme at the prescribed entry level.
 - (b) Pause (i.e., temporarily discontinue) their studies with formal approval of the University due to valid reasons such as medical or health-related issues, family or personal circumstances, financial constraints, employment, entrepreneurship or start up engagement, skill development, preparation for competitive examinations, or participation in internships.

During a pause, no formal exit qualification (such as an Undergraduate Certificate or Diploma) shall normally be issued, as the student is expected to resume the programme and continue from the point at which the studies were discontinued.
 - (c) Resume (re-enter) the programme at an appropriate stage without loss of academic progress, provided the re-entry occurs within the maximum permissible duration of

the programme (eight-years for regular students admitted to first year of the programme and six-years for lateral entry students).

- (d) Exit the programme with a recognized qualification, based on the credits earned, such as a UG Certificate after successful completion of the first year or an UG Diploma after successful completion of the second year.

Notwithstanding the above, credits earned shall have a limited validity period (shelf life), typically 6 to 4 years from the year of issue of UG Diploma certificate, within which the student may return to complete the degree by surrendering the previously issued exit certificate to progress to the next level.

ME-ME ensures both horizontal and vertical academic mobility and is facilitated through the Academic Bank of Credits (ABC). It also supports to complete engineering education without loss of earned credits, subject to credit validity and maximum duration norms of the programme.

- (2) The objectives of ME-ME scheme are to:

- (a) Reduce student dropouts without academic loss,
- (b) Provide a recognised qualifications at intermediate stages of the programme,
- (c) Enable students to re-enter the programme after interruptions due to employment or personal reasons,
- (d) Promote skill-based, flexible, and learner-centric education, and
- (e) Align with engineering education with global best practices.
- (f) Provide an opportunity to complete engineering education without loss of earned credits, subject to credit validity and maximum duration norms.

- (3) Under the National Credit Framework (NCrF), the certifications shown in Table-34.0.1 shall be awarded at the respective exit points, provided the student has earned the prescribed credits and secured a minimum CGPA of 4.00.

Table-34.0.1 - Certification for Engineering (B.E.)		
Year of exit	Semesters completed successfully	Certificate Awarding
First year	2 semesters	Undergraduate Certificate
Second year	4 semesters	Undergraduate Diploma
Third year	6 semesters	Bachelor of Science (B.S.) in engineering/ discipline
Fourth year	8 semesters	B.E./B.Tech. degree, B.E./B.Tech. with Minor or Honors qualification (if as applicable)

- (4) Students who have successfully completed any one of the first three academic years and wish to exit the programme, shall apply for the issue of corresponding certificate by submitting an application to the Controller of Examinations through the Head of the Department, **within 15 days** from the date of announcement of the results, along with the prescribed fee, as notified by the University/ Institute from time to time.
- (5) A student who has exited the programme with an undergraduate certificate, undergraduate diploma, or B.Sc. degree in engineering shall be eligible to re-enrol for completion of the engineering degree. If the student re-enrols under a different Scheme of Teaching and Examinations, from the one under which the exit occurred, additional courses, if any, shall be prescribed to ensure compliance with the prevailing curriculum requirements.
- (6) Re-entry to the programme under ME-ME scheme shall be restricted to a maximum of two (2) instances.
- (7) Students availing themselves of the ME-ME option shall complete the B.E. degree within the maximum duration specified under the Regulations.

35.0. ACCELERATED DEGREE PROGRAMME FOR ACADEMICALLY EXCEPTIONAL STUDENTS:

- (1) Under accelerated Programme, Students who are academically strong, self-directed, disciplined and strategically organised, with a sound understanding of Regulations and the stamina to sustain accelerated learning can complete all the academic requirements of

4 - year B.E. programme in three and a half (3 ½) years in case of regular students, and in two and a half (2 ½) years in case of lateral entry students.

- (2) Students shall register for the accelerated degree programme before the commencement of V semester in response to a notification issued by the Institute. This facility shall be available only to students who have secured a grade $\geq A$ in each of the course in First attempt and have obtained a CGPA ≥ 9 from 1st to 4th semesters in case of regular students, and from the 3rd to 4th semester in case of lateral entry students. Further, students shall maintain a CGPA ≥ 9 and successfully complete all the courses in a first attempt throughout the programme.

If a registered student fails to satisfy any of the above requirements, the registration under the Accelerated Degree Programme shall stand cancelled, and the student shall thereafter complete the programme under the regular scheme, namely four years in the case of regular students and three years in the case of lateral entry students.

- (3) The registration to the regular courses of VII semester as specified in the scheme of teaching and examinations shall be completed during the summer semester conducted immediately after the VI semester.
- (4) All course registrations under the Accelerated Degree Programme shall be carried out under the supervision and the approval of Faculty Advisor / Proctor.
- (5) Project Work and the Internship shall be completed during the VII semester only.
- (6) In cases, where student fails to satisfy the conditions prescribed above, the student shall be withdrawn from the Accelerated Degree Programme.

In such cases the courses completed successfully under the Accelerated Degree Programme shall be exempted from being studied again. However, such students shall thereafter continue under Regular scheme.

- (7) A course completion certificate shall be issued jointly by the University and the College immediately after the successful completion of the Accelerated programme, subject to compliance with all the prescribed norms, notwithstanding the minimum duration of the B.E. programme prescribed by AICTE.

The degree certificate shall be issued after the ensuing convocation.

36.0. GRADUATION:**36.1. Graduation Requirements:**

- (a) A student shall be declared to be eligible for the award of the degree if he/she has
 - (i) Fulfilled Degree Requirements in terms of earned credits.
 - (ii) Completed satisfactorily mandatory learning and Humanity & Social Science Courses, bridge courses wherever applicable.
 - (iii) No Dues to the College, Department, Hostel, Library Central Computer Centre and any other college facilities.
 - (iv) No disciplinary action pending against him/her.
- (b) The award of the degree must be recommended by the Academic Council and Governing Council.

36.2. Graduation Ceremony:

- (a) College may have its own annual Graduation Ceremony for the award of Provisional Degree to students completing the prescribed requirements of Academic programmes in each case, in consultation with the University and by following the provisions in the Statute. For the award of Prizes and Medals, the conditions stipulated by the Donor may be considered as per the statutes framed by the College for such awards.
- (b) College may also institute Prizes and Awards to meritorious students, for being given away annually at the Graduation Ceremony. This would greatly encourage the students to strive for excellence in their academic work.
- (c) **B.E. with Honors / Minors degree:**
 - a) A student shall be declared to have completed the B.E. degree programme and is eligible for the award of B.E., degree with Honors/ Minor, provided.
 - (a-i) The student has undergone the stipulated Course work of all the semesters under the same Scheme of Teaching and Examinations and

has earned the prescribed number of credits, 160 for I semester admitted students and 120 for III semester admitted students.

(a-ii) Has earned additional 18 or more credits through Visvesvaraya Technological University - approved online Swayam/ NPTEL courses which are appropriate to the said degree.

(a-iii) Satisfied the Regulations governing the award of the said degree issued by AICTE/ Visvesvaraya Technological University.

37.0. APPLICABILITY AND POWER TO MODIFY:

- (1) The Regulations governing the degree of Bachelor of Engineering of National Institute of Engineering-2025 shall be binding on all concerned.
- (2) Notwithstanding anything contained in the foregoing provisions, the Institute shall have the power to issue directions or orders to address and remove of any difficulties arising in the implementation of these Regulations.
- (3) Nothing contained herein shall be construed as limiting the authority of the Institute to amend, modify, or repeal any or all of the above provisions, as may be considered necessary from time to time.