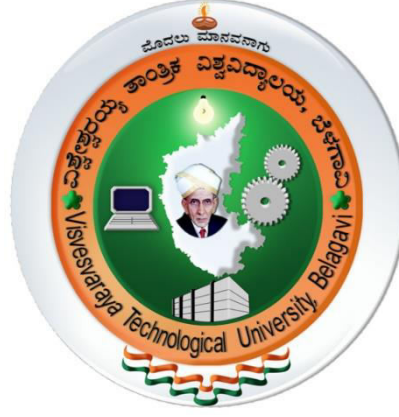


# Visvesvaraya Technological University, Belagavi



## VTU Regulations Governing the UG Programmes B.E. and B.Tech. - 2025

2025



## **Contents**

VTU Regulations Governing the UG Programmes B.E. and B.Tech. - 2025

Preamble to Regulations

Definition of Key Words

250B1.0 Title, Duration and Academic Calendar of the Programme

    250B1.1 Programme of Study

    250B1.2 Duration of the B.E./ B.Tech. programme

    250B1.3 Academic Calendar

250B2.0 Academic Eligibility for Admission

    250B2.1 Admission to First Year of the Programme

    250B2.2 Admission to the Second Year of the Programme (Lateral Entry)

    250B2.3 Qualification Earned from Foreign Countries

    250B2.4 Additional Requirements of Lateral Entry Candidates

250B3.0 Maximum Duration of B.E./B.Tech. Programme and Time Limit for Completion

250B4.0 Prescribed Credits for the B.E./B.Tech. Programme

250B5.0 Medium of Instruction of the Programme

250B6.0 Curriculum Framework and Academic Processes

    250B6.1 Academic Curriculum

    250B 6.2 Outcome-Based Education (OBE)

    250B6.3 Choice Based Credit System (CBCS)

250B7.0 Credits According to National Credit Framework (NCrF)

250B8.0 Semesters, Semester End Examinations and Examination Timetable

    250B8.1 Semesters – Odd, Even, and Summer

    250B8.2 Semester end Examinations (SEE)

    250B8.3 Semester End Examinations and Timetable

250B9.0 Definition of First Attempt to SEE

250B10.0 Attendance Requirement

250B11.0 Course Assessment and Evaluation Procedure and Passing Standards

250B11.1 Continuous Internal Evaluation and prescribed Minimum CIE Marks to Appear for SEE, or to secure PP status in Non-Mandatory Courses

250B11.2 Continuous Internal Evaluation Review Committee

    250B11.2.1 Members of the Committee

    250B11.2.2 Activities of the Committee

    250B11.2.3 Accountability and Submission of Moderation Reports

250B12.0 Minimum Passing marks for the Award of Pass grade in a Course

250B13.0 Minimum CGPA for the Award of Degree

250B14.0 Course-Wise Assessment and Evaluation

250B15.0 Course Registration under Mentor Guidance

    250B15.0.1 Course Registration Procedure

250B16.0 Substitution of Professional / Open Elective Courses upon Repeated Failure



**Visvesvaraya Technological University, Belagavi**  
VTU Regulations Governing the UG Programmes B.E. and B.Tech. – 2025

- 250B17.0 Maintenance of CIE Activity Records
  - 250B18.0 Rejection of CIE Marks and/or SEE Results
  - 250B19.0 Unfair Means and Disciplinary Action
  - 250B20.0 Ineligibility, Discontinuation, and Hostel Vacating
  - 250B21.0 Readmission
  - 250B22.0 Award of Grades
  - 250B23.0 Additional Letter Grades and Their Applicability
  - 250B24.0 Vertical Progression
    - 250B24.1 Common to Regular students Admitted to First Year of the Programme and Lateral Entry Students Admitted to Second Year of the Programme
    - 250B24.2 Vertical Progression Rules for Regular Students Admitted to First Year of the Programme
    - 250B24.3 Vertical Progression Rules for the Lateral Entry Students
  - 250B25.0 Computation of SGPA and CGPA
  - 250B26.0 Conversion of CGPA in to Percentage of Marks
  - 250B27.0 Passing Class Equivalence
  - 250B28.0 Mandatory Earning of AICTE Activity Points
  - 250B29.0 Award of Grade Cards, Certificates and Transcripts
    - 250B29.1 Grade Cards
    - 250B29.2 Transcripts
    - 250B29.3 Transcript for Students with Multiple Attempts
    - 250B29.4 Interim Transcript
  - 250B30.0 Award of Degree Certificate
  - 250B31.0 Provisional Degree Certificate (PDC)
  - 250B32.0 Programmes Offered by VTU
    - 250B32.1 B.E./B.Tech. Degree
    - 250B32.2 B.E./B.Tech. with Minor Degree
    - 250B32.3 B.E./B.Tech. (Honours) Degree
    - 250B32.4 Multiple Entry and Multiple Exit (ME-ME) Options
    - 250B32.5 Accelerated Degree Completion Scheme for Academically Exceptional Students
  - 250B33.0 Award of Prizes, Medals, and Ranks
    - 250B33.1 Award of Prizes and Medals
    - 250B33.2 Award of Ranks
  - 250B34.0 Applicability and Power to Modify
- Annexure –VII:  
AICTE Activity Points  
Guidelines and Suggestive Activities for earning Activity Points

Annexure-

VTU Regulations Governing Honours Degree Regulations -2025

Introduction

25UG HONRS 1.0 Eligibility Criteria for Registration



**Visvesvaraya Technological University, Belagavi**  
VTU Regulations Governing the UG Programmes B.E. and B.Tech. – 2025

- 25UG HONRS 2.0 Registration Procedure for Honours Degree
- 25UG HONRS 3.0 Additional Coursework to be Completed
- 25UG HONRS 4.0 Conditions and Procedure for Conferment of Honours
- 25UG HONRS 5.0 Award of B.E./B.Tech. Degree with Honours
- 25UG HONRS 5.0 Repeal and Savings
- 25UG HONRS 6.1 Interpretation

Annexure-

VTU Regulations Governing Minor Degree Regulations -2025

Introduction

- 25UGMNOR 1.0 Norms for the Minor Programme
- 25UGMNOR 2.0 Registration to Minor Degree Programme
- 25UGMNOR 3.0 Award of Minor Degree
- 25UGMNOR 4.0 Repeal and Savings
- 25UGMNOR 5.0 Interpretation

Annexure-

VTU Regulations governing Revaluation of Answer Scripts -2025

25RV01 Revaluation of Answer Scripts

**Annexure -**

**VTU Regulations Governing the Change of Branch in B.E./B.Tech. Degree Programmes-2025**

Preamble to Change of Branch

- 25COB 1.0 Short Title, Applicability and Commencement
- 25COB2.0 Eligibility for Change of Branch
- 25COB3.1 Students Not Eligible for Change of Branch
- 25COB4.0 Vacancy Position in Each Branch of III semester B.E./B.Tech. Programme
  - 25COB4.1 Determination of Vacancy Position
  - 25COB4.2 Submission of Vacancy Position
- 25COB5.0 Procedure for Applying for Change of Branch
- 25COB6.0 Generation of Merit List by the University
- 25COB7.0 Completion of Change of Branch Process at the Respective Colleges
- 25COB8.0 Submission of Documents Pertaining to Change of Branch/Change of College
- 25COB8.1 Conditions Governing Commencement of Classes for Students under Change of Branch
- 25COB9.0 Role of University Subsequent to Submission of Documents
  - 25COB9.1 Role of Colleges Subsequent to University Approval for Change of Branch/Change of College, if any.



**Visvesvaraya Technological University, Belagavi**  
VTU Regulations Governing the UG Programmes B.E. and B.Tech. – 2025

25COB10.0 Applicability

25COB11.0 Repeal and Savings

25COB12.0 Interpretation

**Annexure -**

**VTU Regulations Governing the Change of College/University in B.E/B.Tech. Programmes - 2025**

Preamble to Change of College (CoC)

25COB1.0 Short Title, Applicability and Commencement

25COC2.0 Documents Required for Change of College

25COC3.0 Documents to be Submitted by Students seeking Change of College

25COC4.0 Role of University Subsequent to Submission of Documents

25COC5.0 Conditions Governing Commencement of Classes for Students under Change of College

25COC6.0 Role of Colleges Subsequent to University Approval for Change of Branch/ Change of College, if any

25COC 7.0 Change of College Under VTU without a change in Branch

25COC7.1 Transfer of Students from One VTU non-autonomous college to another VTU non-autonomous college

25COC7.2 Transfer of Students from One VTU non-autonomous college to an autonomous college or vice-versa/One autonomous college to another autonomous college/ One college for working professionals, under autonomous or non-autonomous colleges, to another college for working professionals

25COC7.3 Transfer of Students from Non-autonomous or autonomous Day college to college for working professionals

25COC7.4 Transfer of other University Candidates to VTU Colleges without change of Branch

25COC7.5 Transfer of Candidates from other University to VTU Colleges with a change in Branch

25COC8.0 Limitations and Regulatory Provisions Governing Change of College/ University

25COC9.0 Repeal and Savings

25COB10.0 Interpretation

25COC Annexure – A

25COC Annexure – B

25COC Annexure – C

Annexure – VI:

Course-wise Assessment and Evaluation of Student's Course Performance using Assigned Rubrics and Addressing of Noncompliance Issues





### **Preamble to Regulations**

Visvesvaraya Technological University (VTU), Belagavi comprises Departments of Studies, Regional Centres offering undergraduate programmes, constituent colleges, and both autonomous and non-autonomous affiliated colleges.

The reputation of a university and its associated colleges/ institutions aligned with national and global standards, depends on factors, including a socially and industrially relevant outcome-based curriculum, competent, qualified, and motivated qualified faculty, effective adaptation of technology and soft skills, active research and innovation initiatives, industry collaborations, patents and products development, student placements, and co-curricular as well as extracurricular activities.

To regulate academic processes relating to students admissions, conduct of classes, teaching-learning process, assessment and evaluation based on defined learning outcomes, and grading processes for the award of Bachelor of Engineering(B.E.)/ Bachelor of Technology degree (B.Tech.) degrees, in alignment with the State Education Policy (SEP)/National Education Policy (NEP), Regulations of UGC and AICTE, and in exercise of the powers conferred under Section 22 of UGC Act 1956 and under Sections [7(2) and 8(1,2, & 4] of the VTU Act 1994, the University hereby enacts the following Regulations to enhance and sustain the quality of technical education quality.

### **Short Title, Application and Commencement**

(1.1) These academic Regulations shall be called the Visvesvaraya Technological University Regulations, 2025.

(1.2) These Regulations shall apply to all the B.E./B.Tech. Programmes conducted at the Departments of Visvesvaraya Technological University, its Constituent Colleges, and autonomous and non-autonomous affiliated colleges.

(1.3) These Regulations shall come into force with effect from the date of their notification by the Visvesvaraya Technological University, Belagavi.

(1.4) These Regulations shall be applicable to the batch of students admitted from the academic year 2025-26 onwards and shall remain in force until revised or withdrawn by a formal notification issued by the University.

### **Definition of Key Words**

The definitions of the terms and expressions used in these Regulations are given below. For any clarification required, or for any term not defined herein, the interpretation given by the University shall be final and binding.

**(1)University:** Means Visvesvaraya Technological University (VTU), Belagavi.

**(2)Registrar:** Means Registrar (statutory Officer) of the University and the chief administrative officer under the supervision of the Vice-Chancellor.

**(3)Registrar (Evaluation):** Means head (statutory Officer) of the examination and evaluation department of the University.

**(4)Notification:** Means an official communication or notification issued by the concerned Statutory Officer of the University.



**(5)Act:** The Visvesvaraya Technological University Act 1994 including all amendments made thereto from time to time.

**(6)Dean - Faculty of Engineering:** Means the person responsible for overseeing and coordinating all academic activities of the Faculty of Engineering within the University.

**(7)Principal:** Means Principal of a constituent college, or an affiliated autonomous or non-autonomous college of the University.

**(8)Chairperson/Programme Coordinator:** Means a University - designated faculty (Chairperson/programme Coordinator) authorised to oversee and administer, as per the norms and statutes of the University, function of the University Departments and/ or University Regional Centres.

**(9)College/Institution:** Means an institution that offers higher education programmes and is affiliated to, constituted by, or otherwise attached to the University.

**(10)Constituent college:** Means an educational institution that is directly governed, administered and managed by VTU.

**(11)University Department:** Means an academic department established, maintained, and administered by the University.

**(12)Regional Centre:** Means a centre established, maintained, and recognised by the University for coordinating the functioning of Study Centres within a region, and for providing academic support services such as advising, counselling, and other assistance required by students, in the context of regular and/or online education.

**(13)Affiliated College:** Means a college granted temporary or permanent affiliation by the University in accordance with the statutes and Regulations in force.

**(14)Autonomous College:** Means a college affiliated to VTU and granted autonomous status by the University Grants Commission (UGC) and Visvesvaraya Technological University, as per applicable Regulations.

**(15)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.

**(16)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.

**(17) 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.

**(18)Teacher/Faculty:** Means Professors, Associate Professors, Assistant Professors, and such other academic staff appointed for imparting instruction or conducting



research, including Adjunct Faculty, Professors of Practice, and Visiting Faculty, as defined under AICTE Regulations.

**(19) Mentor/Faculty Advisor/Proctor:** Means a teacher or faculty member assigned by the institution to guide, mentor, counsel, and support the academic and professional development of the students allotted to him/her.

**(20) Student:** Means a person admitted to or enrolled in an institution to pursue a programme of study conducted by the University/Institution, and includes any person whose admission has not been cancelled.

**(21) Regular Student:** Refers to a student who has completed Pre-University Course (PUC) /12th standard or an equivalent qualification and is admitted to the first year of the programme.

**(22) Lateral Entry Student:** Refers to student who has completed a three-year Diploma or B.Sc. degree and is admitted directly to the second year of the programme, as per prevailing admission Regulations.

**(23) Programme:** Means a structured programme of study approved by the University, successful completion of which leads to the award of a degree certificate.

**(24) Discipline:** Refers to a specific programme or field of Engineering or Technology, such as Civil Engineering, Computer Science Engineering, Biomedical Engineering, and allied disciplines.

**(25) Curriculum:** Refers to a structured academic framework consisting of courses, learning objectives, content, instructional methods, and assessment strategies designed to achieve the defined educational outcomes of a programme.

**(26) Programme of study:** Means the systematic study and completion of the approved curriculum prescribed by the University for a particular programme.

**(27) 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.

**(28) Semester:** Means one of the academic periods into which an academic year is divided, during which courses are taught, assessed, and evaluated.

**(29) Course:** Means one of the academic subjects which is part of a programme of study.

**(30) Credit:** Refers to a unit used to measure the academic workload of a course and the corresponding student engagement per week.

One (01) credit is equivalent to one hour of lecture or two hours of laboratory/practical courses/tutorials/fieldwork etc., per week during a semester.

**(31) Non-Credit Mandatory Course (NCMC):** 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.

**(32) 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.



**(33)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.

**(34)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.

**(35)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.) / Bachelor of Technology (B.Tech.)

**(36)Honours Degree:** An Honours (British/Indian spelling) or Honors (American spelling) Degree is an academic distinction earned by the students in addition to the regular engineering programme they are pursuing, by completing prescribe additional requirements.

The academic distinction Honours shall be indicated in brackets along with the engineering degree awarded. [For details refer to appendix-x].

**(37)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.

The academic distinction minor shall be indicated in brackets along with the engineering degree awarded. [For details refer to appendix-ix.]

**(38) 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.

**(39)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 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. [For details Refer to Appendix]

**(40)Continuous Internal Examination (CIE)/Formative Assessment:** Refers to the assessment of a student's academic performance during the teaching-learning process. CIE is conducted by the course coordinator / instructor and may include multiple assessment components carried out during the semester with prescribed weightages, as specified by the University.

[Refer to clause 250B]



**(41) University Examination / Semester End Examination (SEE) / Summative Assessment:** Refers to a formal examination conducted by the University 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 University's evaluation process for certification, grading, and maintenance of academic standards in higher education.

**(42) 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.

**(43) 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, where O denotes outstanding performance and F denotes failure. [Refer to clause 250B]

**(44) 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. The letter grade O carries the maximum weightage of 10 points, while F carries zero (0) grade points. [Refer to clause 250B]

**(45) Credit Point (CrP):** Refers to the product of grade point (GP) obtained in a course and the number of credits assigned to that course. [Refer to 220B]

**(46) 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. [Refer to 220B]

**(47) Semester Grade Point Average (SGPA):** Refers to the weighted average of grade points earned by a student in all courses registered during a particular semester. [Refer to 220B]

**(48) 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 point in the programme.

[Refer to 220B]

**(49) Course Registration:** Refers to the formal process by which a student registers for the prescribed courses of study for a semester, under the guidance and supervision of a designated mentor or faculty advisor.

**(50) First Attempt:** Refers to the initial appearance to the semester end examinations (SEE) of a bonafide student registered for a semester.

**(51) 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.

**(52) Transcript/Grade Card/Grade Certificate:** Refers to the official academic record



**Visvesvaraya Technological University, Belagavi**  
VTU Regulations Governing the UG Programmes B.E. and B.Tech. – 2025

issued by the University to registered students after each semester end examination, indicating course code, course title, credits, letter grades, SGPA of the semester, and CGPA.



DRAFT



## **VTU Regulations Governing the UG Programmes B.E. and B.Tech. - 2025**

### **25OB1.0 Title, Duration and Academic Calendar of the Programme**

#### **25OB1.1 Programme of Study**

The Programme of study, which is an undergraduate Programme, shall be called the Bachelor of Engineering / Bachelor of Technology, abbreviated as B.E./ B.Tech., followed by specialisation indicated within the brackets.

#### **25OB1.2 Duration of the B.E./ B.Tech. programme**

The duration of the B.E./ B.Tech. programme for shall be four (04) academic years, organised into eight (08) semesters with four (04) summer semesters in the case of candidates admitted to the first year of the programme and three (03) academic years, organised in six (06) semesters with three (03) summer semesters in the case of lateral entry candidates.

#### **25OB1.3 Academic Calendar**

The annual academic calendar of events for the programme of study, as approved by the University, shall be notified before the commencement of each academic year. 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 University website, with copies of the notification communicated to all the concerned colleges.

### **25OB2.0 Academic Eligibility for Admission**

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

#### **25OB2.1 Admission to First Year of the Programme**

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.

#### **25OB2.2 Admission to the Second Year of the Programme (Lateral Entry)**

Eligibility for candidates who have passed a three- year Diploma in Engineering or a B.Sc. degree shall be as notified by the Government of Karnataka and the University from time to time, for admission into the third semester (second year) of B.E./B.Tech. degree programme.

Candidates who have completed an Engineering Diploma from States other than Karnataka state shall submit the Equivalence/ Eligibility Certificate issued by the Director of Technical Education (DTE), Karnataka.

#### **25OB2.3 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 authorised statutory body shall be mandatory for admission to B.E./B.Tech. 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.

#### **25OB2.4 Additional Requirements of Lateral Entry Candidates**

All Diploma and B.Sc. degree holders seeking admission through lateral entry shall be required to successfully complete any additional courses specified by the University before the completion of the degree programme.

#### **25OB3.0 Maximum Duration of B.E./B.Tech. Programme and Time Limit for Completion**

(a) The duration of the Under Graduate Degree programme, namely B.E./B. Tech., shall be four (4) calendar years for students admitted to the first year of the programme with an educational qualification of PUC/12<sup>th</sup> 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, namely B.E./B. Tech., 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.

#### **25OB4.0 Prescribed Credits for the B.E./B.Tech. Programme**

All courses prescribed by the University, except the non-credit Mandatory courses, shall carry credits (refer to serial number 30 of Definitions) and shall be considered as a head of passing for the purpose of vertical progression [Refer to 25OB24]. The credits prescribed for the courses shall be awarded to the student upon successful completion of the courses.

(1) The total number of credits to be earned for the award of B.E./ B.Tech. degree by regular students (admitted to the first semester of the four-year B.E./B.Tech. programme) shall be 160.

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

#### **25OB5.0 Medium of Instruction of the Programme**

The medium of instruction for the programme is English.

#### **25OB6.0 Curriculum Framework and Academic Processes**

##### **25OB6.1 Academic Curriculum**

The VTU 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).

### **25OB 6.2 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 teacher 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.

### **25OB6.3 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.

### **25OB7.0 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 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, co-curricular 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 traditional university systems often equated 1 credit with approximately 13 to 15 contact hours per semester, VTU, in alignment with NCrF, considers 14-weeks of structured academic interaction per semester with students is equivalent to approximately 30 notional hours per credit.

The learning methodologies include:

**(i) 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 measured in Number of hours per semester.

**(ii) Laboratory Instruction (LI):** Expressed as number of hours per semester which includes experiments/practical performances / problem-based experiences in laboratory, workshop, field or other locations using different instructional / Implementation strategies.

**(iii) Term work (TW):** Includes assignments, seminars, presentations, case studies, micro projects, field activities, industrial visits, academic preparation duration and any other student activities in Number of hours per semester.

**(iv) Self-Learning (SL):** MOOCs (SWAYAM/NPTEL/Industry certified courses), spoken tutorials, online educational resources, self-initiated projects, Learning through digital resources etc in Number of hours per semester. (If provided in curriculum structure).

VTU, in alignment with NCrF, considers 14-weeks of structured academic interaction per semester with students as equivalent to approximately 30 notional hours per credit.

Table 250B 7.0.1 shows the credit structure, equivalent NCrF learning hours, and examination type adopted by VTU:



<b>Table 25 OB 7.0.1 VTU adopted NCrF credit structure</b>					
	Classroom Instruction (CI) in Hours per semester		Laboratory Instruction (LI) in Hours per semester	TW + SL in Hours per semester	Total number of hours per semester
	L	T	P		
1 Credit theory course	14	-	-	16	30
1 Credit Practical course	-	-	28	02	30
2 Credit theory course	28	-	-	32	60
3 Credit theory course	42	-	-	48	90
3 Credit theory course with Tutorial	28	28	-	34	90
4 Credit theory course	56	-	-	64	120
4 Credit theory course with Tutorial	42	28	-	50	120
4 Credit Integrated Course	42	-	28	50	120
Project work	-	-	-	As per the type of project	
Internship	-	-	-	As per the type of Internship	

**25OB8.0 Semesters, Semester End Examinations and Examination Timetable**

**25OB8.1 Semesters – Odd, Even, and Summer**

(a) 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.

(b) 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).

(c) The summer semester is a shorter (approximately 8 weeks), academically intensive supplementary term conducted after the even semester, i.e., the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> semester. It is structured to enable students to re-register and clear the courses, without waiting for a full academic year. It is intended for students who have obtained, DX grade (detained due to shortage of attendance), NS grade (not satisfying the CIE requirements), NP grade (not satisfying the CIE requirements of Non-credit Nonmandatory courses), and W grade (withdrawal from registered course(s)).

(d) The students who have secured F grade in odd / even semester shall be permitted to appear for the Summer Semester Examinations.

(e) The Summer Semester shall,



- (i) Offer selected courses, with credit capped, and with higher academic workload per week,
- (ii) Assist students who are not eligible for vertical progression to clear backlog courses, and thereby become eligible for promotion and graduate within the minimum prescribed duration.
- (iii) Allow customized and flexible learning pace.
- (iv) Not normally be suitable for major projects/internships.

### **25OB8.2 Semester end Examinations (SEE)**

- (i) The University shall conduct odd semester examinations only for courses prescribed for the odd semesters. Similarly, even semester examinations shall be conducted only for courses prescribed for the even semesters.
- (ii) Students who have secured an F grade in the first semester examination, in courses such as Physics and Chemistry, shall be permitted to appear for such courses during the second semester examination.
- (iii) Summer Semester examinations shall be conducted for all the courses prescribed in the odd and even semesters of that academic year, as applicable.
- (iv) For all University examinations, only those students who satisfy the attendance requirement (25OB 3.7) and CIE requirement (25OB 4.2) shall be eligible to appear for SEE of that course.

### **25OB8.3 Semester End Examinations and Timetable**

Students having no backlog of courses shall not normally have more than one examination scheduled on any day.

However, students having a backlog course may encounter situations where they may have to appear for:

- (a) two examinations scheduled on the same day, one in the morning session and the other in the afternoon session.
- (b) Two examinations from different semesters scheduled at the same time of the day. In such cases, the student shall appear for any one of the examinations of their choice.
- (c) Examination on consecutive days.

In view of time-constraint for completing examinations and announcing of results on schedule, the examination timetable shall not be modified, altered, or adjusted in any of the above cases.

### **25OB9.0 Definition of First Attempt to SEE**

- (a) 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 attempt shall be considered the first attempt, irrespective of whether the student:



- (i) appears for all the examination papers,
  - (ii) appears for only some of the papers, or
  - (iii) remains absent for one or more papers, including all papers.
- (b) Students who have W grade (withdrawing from a registered course) in any academic year and secures passing grade in the same course(s) during the summer semester of the same academic year, shall be treated as having cleared the course in the First Attempt. However, such students shall not be eligible for the award of ranks.
- (c) Notwithstanding the above, students who have satisfactory attendance in one or more courses of a semester and have secured a minimum of 40% in CIE, 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/Even/Summer Semester examination, subject to prior or post recommendation by the Principal/ Chairperson /Programme Coordinator and approval by the University.

The valid reasons for absence from the SEE may include:

- (i) Serious health issues or inability to move due to personal accident,
- (ii) Serious health issues, accident, or death of parent/guardian/tragedies in the family;
- (iii) Natural disasters or other valid reasons.
- (iv) Participated in the Sports / cultural activities of International / National importance.
- (v) Participated in National level NCC / NSS camps.

Students under this category shall apply to the Registrar (Evaluation) through the Principal/ Chairperson /Programme Coordinator on or before the prescribed last date for registration, as announced in the Academic Calendar, along with adequate documentary evidence such as, medical certificate 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 University, and the decision of the Vice-Chancellor in such matters shall be final and binding.

### **25OB10.0 Attendance Requirement**

- (1) The basis for the calculation of attendance shall be the period (span of a semester) prescribed by the University in its academic calendar of events and as notified by the Registrar.
- (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, practicals, 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 Vice-Chancellor, based on the specific recommendations of the Dean/ Principal of the college/ Chairperson/Programme Coordinator where the candidate is studying.

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

- (i) Medical reasons
- (ii) Participation in NSS/ NCC/ Red Cross activities
- (iii) Participation in National level Republic Day and Independence Day Parades
- (iv) Participation in University/State/National/ International level sports and cultural activities

All such cases shall be supported by valid documentary evidence. The Course coordinator / Course Instructor shall recommend for the condonation of attendance shortage and forward the application, along with documents, through the Principal/ Chairperson/Programme Coordinator with his/her recommendation, to the Registrar (Evaluation) before the last working day of the semester.

(6) 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.

(7) 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 University) 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.

### **250B11.0 Course Assessment and Evaluation Procedure and Passing Standards**

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 approved by the University. Each method adopts a distinct approach to assessing the academic performance of students.



**250B11.1 Continuous Internal Evaluation and prescribed Minimum CIE Marks to Appear for SEE, or to secure PP status in Non-Mandatory Courses**

The CIE component shall carry 50 % of the maximum marks prescribed for a course. As specified in the Scheme of Teaching and Examinations, the CIE marks may be either 50 or 100.

(a) Irrespective of the type of course, students shall secure a minimum of 40 % of the total prescribed CIE marks and satisfy the attendance requirement to become eligible to appear for SEE or to secure PP status, as applicable.

(i) In courses with 50 marks for CIE, students shall secure a minimum of 40 % of 50 marks, i.e., 20 marks. In courses with 100 marks for CIE, students shall secure a minimum of 40 % of 100 marks, i.e., 40 marks, to become eligible to appear for SEE.

(ii) In courses with 100 marks for CIE and no SEE component, students shall secure a minimum of 40 % of 100 marks, i.e., 40 marks, to be awarded the prescribed pass status PP.

(iii) The CIE of Integrated Professional Core Courses (IPCC) shall consist both theory and practical components. The CIE for each component shall be 25 Marks, and CIE marks shall be awarded separately for theory and laboratory components.

Students shall secure a minimum of 40 % of 25 (i.e., 10 marks) in each component separately. Thus, the total minimum CIE marks required shall be 20 marks out of the prescribed 50 marks, to become eligible to appear for the SEE.

The practical component of IPCC shall be evaluated only through CIE and shall not have a separate or exclusive SEE. However, the SEE question paper for IPCC shall include theory component questions along with limited practical component-based questions.

(iv) Students who fail to secure the prescribed minimum CIE marks in IPCC, whether in the theory component, or laboratory component, or both, or fail to satisfy attendance requirement, shall not be permitted to appear for SEE. Such students shall register for the same course during the summer semester.

(v) Students who fail to secure the prescribed minimum CIE marks in courses having viva-voce examination and/or demonstrations, shall not be permitted to appear for SEE, or PP status shall not be awarded, as applicable.

(vi) CIE marks secured, if equal to or greater than 40%, shall be retained until the student secures a pass grade in the SEE, except in cases of readmission to the concerned semester after rejecting of the SEE results along with CIE marks.

(vii) CIE marks awarded at different stages during the semester period shall be displayed on the notice board of the department concerned to enable the students to verify and report any discrepancies.

(viii) It shall be the responsibility of Principal/ Chairperson/Programme Coordinator to scrutinize the list of candidates and permit only eligible students to appear for the SEE/ viva-voce examination.

If an ineligible student is inadvertently permitted to appear for the examination, the result of such student shall be withdrawn forthwith.



(ix) The list of students, who have not secured the prescribed minimum CIE marks shall be submitted to the Registrar (Evaluation) along with the CIE marks of eligible students.

(x) After the submission of CIE marks to the Registrar (Evaluation), any request for change of marks by the Principal/ Chairperson/Programme Coordinator shall be considered only after due approval of the Vice- Chancellor.

### **250B11.2 Continuous Internal Evaluation Review Committee**

Advisory body within a college or department, shall be constituted to ensure that the continuous internal evaluation process is properly planned, conducted, monitored and reviewed throughout the semester or academic year.

#### **250B11.2.1 Members of the Committee**

Each department shall constitute an Internal Evaluation Review Committee, formed by the Principal/ Chairperson/Programme Coordinator, comprising the following members.  
Chairperson: Dean/HoD/Chairperson/Programme Coordinator.

Convener/Coordinator: A faculty member of the department designated to oversee the internal assessment process.

Members:

- (i) One senior professor of the department under review
- (ii) One senior professor from another department to ensure quality standards
- (iii) Internal Quality Assurance Cell (IQAC) Coordinator to ensure quality compliance
- (iv) One external academic faculty for moderation (Optional).

Invitees:

- (i) Teacher(s) teaching the course under review.
- (ii) Student representative (Optional)

#### **250B11.2.2 Activities of the Committee**

The Committee shall:

- (i) Oversee those internal assessments such as tests, assignments, quizzes, practicals, seminars, etc., are conducted in a transparent, fair and timely manner.
- (ii) Review question papers, monitor evaluation process, and recommend reforms so that the assessment practices strengthen academic credibility and achieve the learning outcomes specified in the curriculum.
- (iii) After each test, ensure that the scheme of valuation is uniformly followed and that evaluation is neither liberal nor unduly tough, or inconsistent. The award of marks should broadly follow a normal distribution. If the distribution is significantly left skewed or right skewed, appropriate corrective measures shall be implemented.
- (iv) In cases excessive failures, unusually high marks, or identical marks awarded to a large number of students, identify the causes and take necessary corrective action.
- (v) Conduct random checks to verify whether:
  - (1) The question paper is appropriately balanced in difficulty level (neither too difficult nor too easy).
  - (2) Suitable assessment modes are used to adequately cover the entire question paper.
  - (3) Questions are properly mapped to the stated Course Outcomes (COs).



- (vi) On collecting the statistical analyses from course coordinators regarding the courses they are teaching, performance trends shall be reviewed to identify the areas where students may need support or remediation and provide timely feedback to learners to improve performance and reduce learning gaps.
- (vii) Address grievances related to internal evaluation, including errors in marks and procedural complaints.
- (viii) Recommend modifications to the internal assessment design to better align with course learning outcomes and skill development.
- (ix) Continuously track and review student performance to ensure quality assurance of internal assessments and recommend counselling, remedial classes, or tutorials for students with repeated underperformance.
- (x) Prepare reports summarizing internal evaluation outcomes and submit them to the IQAC, Academic Council, or other appropriate authorities for further action.
- (xi) Report unresolved issues to higher authorities.

### **25OB11.2.3 Accountability and Submission of Moderation Reports**

- (i) If the review exercise is conducted solely for the purpose of unduly favouring students, the University reserves the right to take punitive action against the concerned committee.
- (ii) Each college shall submit the moderation committee report to the Registrar (Evaluation) along with the CIE marks.

### **25OB12.0 Minimum Passing marks for the Award of Pass grade in a Course**

- (i) For the award of a pass grade in the SEE, a student shall secure a minimum of 35 % of the prescribed maximum marks of the SEE, which shall be the same as the maximum marks allotted for the course evaluation.

For example, if the maximum marks of the SEE question papers are 100, 50, or 200, the minimum marks required for a pass letter grade shall be 35, 18, and 70, respectively.

- (ii) A student shall be deemed to have successfully completed a course and acquired a pass grade only if the combined total of CIE and SEE marks is not less than the prescribed minimum i.e., 40 out of 100 marks, or 80 out of 200 marks, as applicable.

(iii) Each appearance in the SEE after securing grades such as Absent (AB) or Fail (F), or after fulfilling deficient CIE requirements during the summer semester, shall be treated as a subsequent attempt (second, third attempt, and so on).

### **25OB13.0 Minimum CGPA for the Award of Degree**

- (i) Students who have secured a CGPA  $\geq 4$  and completed all non-credit mandatory courses are eligible for the B.E./B.Tech. degree.

### **25OB14.0 Course-Wise Assessment and Evaluation**

Course-wise assessment and evaluation shall be carried out using assigned rubrics. Any instances of non-compliance shall be addressed in accordance with the provisions applicable to the B.E./B.Tech. Programme.



For detailed procedures relating to course assessment, including the question paper pattern, evaluation methodology, and the mechanism for addressing non-compliance, reference shall be made to **Annexure-VI: Course-wise Assessment, Evaluation, and Redressal of Non-Compliance in the B.E./B.Tech. Programme**

### **25OB15.0 Course Registration under Mentor Guidance**

(i) Every student shall mandatorily register for the courses of each semester during the programme period to participate in the teaching-learning process, using the prescribed Course Registration Form (CRF).

(ii) Course registration shall be carried out for higher semester of that academic year after the completion of the SEE and shall be completed on or before the last date prescribed in the Academic Calendar. Registration for courses through the University portal for each semester is mandatory.

(iii) The Principal / Chairperson/Programme Coordinator, shall assign a mentor for a group of students in each department, normally consisting of not more than 15 or 20 students per group. The Mentor shall advise, guide and assist the students in completing their programme of study in a smooth and satisfactory manner.

(iv) Students shall register for the courses of a semester in consultation with the assigned Mentor.

#### **25OB15.0.1 Course Registration Procedure**

(a) All students admitted to B.E./B.Tech. programme shall register for all the courses of the semester. Course registration shall be completed through the University Portal. Course registration shall be affected for every odd and even semester, as and when the students enrol for the corresponding semester.

(b) During an on-going semester, based on the SEE performance in the courses of odd and even semesters, the Mentor shall advise the students to withdraw from one or more registered courses/ activities to avoid unsuccessful attempts in securing the pass grade in courses. The minimum credits of the courses to be studied in a semester shall not be less than about 14 credits.

Accordingly, the students shall submit a request to the institution to withdraw the courses before the end of the semester.

(c) Students who have withdrawn the course (s), shall not be permitted to appear for the SEE in those course(s), and such courses shall be categorized under course withdrawn category. Accordingly, the withdrawn courses shall be awarded a W grade.

While submitting the CIE marks, the colleges shall submit a course-wise list of students who have opted for the W grade for the reflection in the grade card.

(d) Students who have been awarded grades such as DX (not satisfied attendance requirements of a credit or non-credit course), NS (not satisfied CIE requirements of credit courses), NP (Not completed the CIE requirement of a non-credit or audit course), or W shall be permitted to register for the summer semester.



(e) The course registration shall be for a maximum 14 credits for summer semester. Along with credit courses, non-credit courses may also be registered.

(f) Students who have secured an F grade or have been awarded AB grade (for being absent for the SEE) shall directly appear for summer semester end examinations, subject to payment of the prescribed examination fee.

(g) Students shall not be permitted to register in the Summer Semester for Project based courses and Internship.

(h) Students who complete a course in subsequent examination(s) shall be awarded a grade corresponding to the marks secured at the time of passing the course without imposing any penalty.

(i) Students who are debarred by the competent authority of the University or the College for specified reasons, in accordance with the prescribed Regulations, shall not be permitted to register for any courses during the period of debarment.

(j) After completing the CRF online, students shall take a printout of the filled-in CRF, obtain the signature of the Mentor, and submit the same to the Principal/ Chairperson / Programme Coordinator within the date notified by the University for registration.

(l) Course registration shall be deemed complete only upon approval by the University.

(g) 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, a change in any or all these courses may be permitted, preferably within 15 days from the date of commencement of the semester, as per the academic calendar of the University.

(m) Students having outstanding dues to the University, College, or a hostel shall not be permitted to register for the semester.

(n) Registration beyond the prescribed last date may be permitted, only in special cases, up to the date specified in the Academic Calendar, subject to payment of a late registration fee as notified by the University.

(o) Students who become eligible for promotion to a higher semester in accordance with the revaluation (**Annexure -**) results shall be permitted to enrol to the subsequent higher odd semester.

### **25OB16.0 Substitution of Professional / Open Elective Courses upon Repeated Failure**

A student who obtains an 'F' grade on four occasions in a professional elective or open elective course shall be permitted, with the approval of the University, to opt for another corresponding category course carrying the same number of credits. The student shall re-register for the substituted course and successfully complete all the course requirements, subject to the condition that the maximum duration (8 years for regular students/6 years for lateral entry students) of the programme is not exceeded.

This provision shall be availed for a maximum of two courses only during the entire duration of the programme.



### **250B17.0 Maintenance of CIE Activity Records**

- (1) The CIE Blue Books and CCA Records shall be preserved by the Principal/ Head of the Department/ Chairperson/Programme Coordinator for at least 3 years after the announcement of University results and shall be made available for verification as per the direction of the Registrar (Evaluation).
- (2) Any corrections or overwriting of CIE marks on the blue book/drawing sheet, laboratory record etc., where CIE marks are awarded, shall bear the date and signature(s) of the concerned Teacher(s) and the Head of the Department.
- (3) CIE marks shall reach the University before the commencement of examinations as per the notification from the office of the Registrar (Evaluation) from time to time. After submission of CIE marks to the University, any request under any circumstances for a change of CIE marks shall not be considered.
- (4) CIE marks of those students who come under 250B 4.6(4) and (5), shall also be sent to the Registrar (Evaluation) along with other course CIE Marks.
- (5) The final list, incorporating corrections (if any), of CIE marks awarded to the students in the Theory/Practical/Internship/ Project shall be displayed on the notice board of the college much before the closure of the semester.
- (6) The college/Department shall enter the CIE marks on the University's online CIE marks portal and submit a certified copy of the same to the University Examination Section within the stipulated date notified by the University. Every page of the CIE marks sheet (hardcopy) shall bear the date and signatures of the concerned Teacher/Teachers, Head of the Department, and the Principal/ Chairperson/Programme Coordinator.

### **250B18.0 Rejection of CIE Marks and/or SEE Results**

- (1) Students shall be permitted to reject the entire performance of an odd semester, even semester, or both the semesters, consisting of both 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 Registrar (Evaluation).
  - (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 Registrar (Evaluation) for readmission in the subsequent academic year. Such readmitted students shall be governed by the regulations of the current scheme and may be required to study additional courses, if applicable.
- However, in cases where some of the courses in the new scheme have already been completed by the students under the scheme to which they were originally admitted, they shall be exempted from studying those courses again. The grades earned in such courses shall be considered while issuing the grade cards.



Readmission to odd/even semesters shall not be treated as fresh admission; and hence, students shall retain the same University Seat Number (USN) allotted earlier. The maximum duration of the Programme shall be counted with reference to the USN.

(3) Students are also permitted to reject only the SEE results, retaining the CIE marks. However, the rejection of the SEE results for all types of project courses, whether carried out individually or in groups in any semester, shall not be permitted.

(4) If the rejection of SEE results excluding CIE marks pertains to an Odd / Even semester, students shall be permitted to take admission to the immediate next Even / Odd semester respectively.

(5) Notwithstanding the above provisions, admission to seventh semester shall be permitted only if the student satisfies the vertical progression rules.

(6) In case of rejection of SEE results of the entire semester excluding CIE marks and permission to reappear for university examinations, applications shall be submitted to the Registrar (Evaluation) through the Principal/ Chairperson/Programme Coordinator as notified by the University from time to time.

(7) In case rejection of SEE results of the entire semester including CIE and approval for readmission, applications shall be submitted to the Registrar through the Principal/ Chairperson/Programme Coordinator, within 30 days from the date of announcement of the results, along with the prescribed fee, as notified by the University from time to time. Late submission of applications shall not be accepted under any circumstances.

(8) Students who opt for rejection University examinations results shall be eligible for the award of the B.E./B.Tech. degree and Minor Degree but shall not be eligible for the award of ranks and Honours Degree.

### **25OB19.0 Unfair Means and Disciplinary Action**

(1) Academic malpractices shall be seriously viewed, and appropriate disciplinary action shall be taken.

(2) In case of malpractice during any of the internal examinations such as assignments, quizzes, and tests, the

- a) Course coordinator / Invigilator shall report the matter to the Principal/ Chairperson/Programme Coordinator for suitable action to be taken.
- b) If a student disagrees with the action taken by the college, he/she may appeal to the Registrar (Evaluation) for redressal.
- c) If the Principal/ Chairperson/Programme Coordinator considers the offence to be a serious nature, then the matter shall be reported to the Registrar (Evaluation).
- d) In all such cases, the matter shall be referred to the Academic Malpractice Committee of the University for further action.

(3) Any instance of malpractice in the University SEE shall be reported to the University irrespective of the seriousness of the offence.



### **250B20.0 Ineligibility, Discontinuation, and Hostel Vacating**

(a) Regular students who could not enrol to III / V / VII semester even after a period of Five (05) / Six (06) / Seven (07) years from the year of admission to I semester respectively, shall discontinue the programme and seek fresh admission through the prescribed admission process.

(b) Lateral entry students who could not enrol to the V / VII semester even after a period of Four (04) / Five (05) years, from the year of admission to III semester respectively, shall discontinue the programme and seek fresh admission through the prescribed admission process.

(c) Such ineligible regular or lateral entry students are the boarders of the University hostel or college hostel, shall compulsorily vacate the hostel accommodation upon ineligibility.

### **250B21.0 Readmission**

(1) Students who temporarily discontinue the programme shall be permitted to seek readmission to the eligible semester within the maximum duration of the programme (250B 5.2.)

(2) Permission for readmission shall be granted only upon a written request submitted through the Principal/ Chairperson/Programme Coordinator and shall not be treated as a matter of right. Such students shall not claim any benefits on account of readmission.

(3) Students who take re-admission to any semester of the existing scheme from a previous scheme, either as a 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 University, 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 admission to the programme. The maximum duration of the programme the student shall be computed with reference to the USN allotted during his/her 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 of the University or from another university to a non-autonomous constituent/affiliated college of the University, shall be eligible for the award of the degree provided that the total credits earned are equal to or greater than the credits prescribed by the University under Clause 250B 3.3 and that all other conditions 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 prescribed by the concerned BoS, in order to earn credits equal to or greater than the prescribed requirement.

(7) In case of any difficulty in interpretation or implementation of these provisions, the matter shall be referred to the Vice-Chancellor, whose decision shall be final.

**250B22.0 Award of Grades**

(1) The University adopts absolute grading system, wherein the marks are converted into grades. The result of each semester shall be declared with the Semester Grade Point Average (SGPA) upon successful completion of all courses of that semester.

(2) The total marks obtained by a student in CIE and SEE of a course shall be expressed as a percentage for the purpose of computing the grade points, and the corresponding letter grade shall be awarded as indicated in the Table 22.0.1.

<b>Letter Grade</b>	<b>O</b>	<b>A+</b>	<b>A</b>	<b>B+</b>	<b>B</b>	<b>C</b>	<b>P</b>	<b>F</b>
Description	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Grade Point	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

(3) If a course does not have an SEE component, the CIE marks alone shall form the basis for awarding the letter grade PP, which is not a part of 10-Point Scale.

**250B23.0 Additional Letter Grades and Their Applicability**

In addition to the standard 10-point grading system, the following additional letter grades, as listed in Table 250B23.0.1, shall be awarded to students under specific academic or administrative circumstances.

<b>Additional Letter Grades</b>	<b>Applicability</b>
AB	Absent for the SEE of a Course.
DX	Attendance below 75 % in a credit or non-credit courses. (Students shall repeat the course by re-registering for the same course during summer semester).
NS	Not satisfied the CIE requirement of a credit course.
NP	Not satisfied the CIE requirements on satisfying the attendance requirement of a non-credit course
PP	Pass grade in a non-credit course, or in an audit 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 the it).



### **250B24.0 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.

#### **250B24.1 Common to Regular students Admitted to First Year of the Programme and Lateral Entry Students Admitted to 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 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, with no restriction of any kind.

However, for permitting the students to enrol in the next higher academic year, within the maximum duration of the programme, the following conditions shall apply:

#### **250B24.2 Vertical Progression Rules for Regular Students Admitted to First Year of the Programme**

(a) Students having grades such as F/DX/NS in courses totalling to more than 16 credits in the 1<sup>st</sup> and 2<sup>nd</sup> semesters of the first year of the programme shall not be permitted to move to the 3<sup>rd</sup> semester (2<sup>nd</sup> year) of the programme.

(b) In order to progress to the VII semester, a student shall have completed all the Credit courses of I Year.

(c) Regular students shall enrol to the VII semester after undergoing teaching learning of all the semesters from III to VI with no restrictions on the number of backlogs provided 250B24.2 (a) is satisfied.

#### **250B24.3 Vertical Progression Rules for the Lateral Entry Students**

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

### **250B25.0 Computation 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:

a) The SGPA is the ratio of the sum of the products of the credits and the 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.

<b>Table - 250B 6.6.1</b>						
<b>(a) SGPA and CGPA Calculations: An Illustrative Example for one academic year</b>						
Semester (Odd: I, Even: II)	Course Code	Credits ( $C_i$ )	Grade	Grade Points $GP = G_i$	Credit Points $CrP = C_i \times G_i$	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	$CGPA$ $= \frac{\sum(C_i \times G_i)}{\sum C_i}$ $= \frac{(101 + 178)}{14 + 25}$ $= \frac{279}{39} = 7.15$
II	XX27	1	A	8	1x8=08	
II	XX28	2	A+	9	2x9=18	
II	XX29	1	A	8	1x8=08	
<b>I semester</b>						
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>(b) CGPA Calculation of the Program: An Illustrative Example</b>						



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
ΣCrP	101	178	220	165	204	185	184	169
$CGPA = \frac{[101 + 178 + 220 + 165 + 204 + 185 + 184 + 169]}{160} = \frac{[1406]}{160} = 8.79$								
<b>For Lateral Entry Students</b>								
$CGPA = \frac{[220 + 165 + 204 + 185 + 184 + 169]}{120} = \frac{[1127]}{120} = 9.39$								

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

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

Finally, 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 25OB6.6.1.

#### **25OB26.0 Conversion of CGPA in to 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

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

#### **25OB27.0 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) First Class with Distinction (FCD), if  $M \geq 70$
- (ii) First Class (FC), if  $60 \leq M < 70$
- (iii) Second Class (SC), if  $50 \leq M < 60$
- (iv) Pass Class (P), if  $40 \leq M < 50$

#### **25OB28.0 Mandatory Earning of AICTE Activity Points**

(a) Apart from technical knowledge and skills, students are expected to develop holistic competencies beyond classroom learning in order to succeed as professionals. These include professional, technical, social, innovation, and entrepreneurial capabilities, societal commitment, effective soft skills, leadership qualities, and team spirit.

To address these multifarious requirements, AICTE has instituted a structured mechanism for awarding a minimum of 100 Activity Points, over and above the academic grades.



Engagement in such community-oriented and developmental activities shall be measured in terms of Activity Points, and the earning of the prescribed Activity Points is mandatory for the award of the B.E./B.Tech. degree.

(b) The Activity Points earned by a student shall be reflected on the final Grade Card (After completing all the courses of the program).

(c) Activity Points are non-credit in nature and shall not have any effect on the computation of SGPA or CGPA.

(d) Students who fail to earn the prescribed Activity Points before the commencement of the Eighth Semester examinations shall not be issued the Eighth Semester Grade Card until the required Activity Points are earned. Accordingly, such students shall become eligible for the award of the degree only after the release of the Eighth Semester Grade Card.

(e) The minimum Activity Points to be earned by different categories students are specified in the Table-220B 6.9.1

<b>Table-250B 6.9.1 AICTE Activity Points</b>		
<b>Sl. No.</b>	<b>Student Category</b>	<b>Activity Points prescribed</b>
1	Regular Students 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 5 <sup>th</sup> Semester	50

(f) The Guidelines and suggestive activities under Activity Points programme are provided in **Annexure -VII**.

### **250B29.0 Award of Grade Cards, Certificates and Transcripts**

#### **250B29.1 Grade Cards**

At the end of each semester, a Grade Card shall be issued to all the registered students of that semester. The grade card shall indicate, Course code, Course Title, Number of credits, Letter grade awarded, and Credits earned, for all the Courses as specified in the scheme of Teaching and Examinations. The grade card shall indicate total credits earned, SGPA, and CGPA (where applicable). The grade card may indicate F grades and other temporary grades, if awarded.

#### **250B29.2 Transcripts**

A Transcript is a consolidated statement of the academic performance of a student for all the semesters from the date of admission to the programme. The Transcript shall normally be issued, upon successful completion of the programme, and along with the Degree Certificate.



### **250B29.3 Transcript for Students with Multiple Attempts**

For students who have taken multiple attempts to clear one or more courses, the transcript issued upon successful completion of the programme shall only contain earned pass grades.

The courses cleared in subsequent attempts shall be shown in the respective semester indicating the month and the year of passing. The transcript shall display only the overall CGPA computed based on all the courses completed by the student.

Additional copies of the transcript shall be issued upon submission of a request along with payment of applicable fee.

### **250B29.4 Interim Transcript**

Students who have not yet completed the programme may obtain an Interim Transcript at the end of any semester, upon request and payment of the prescribed fee. The Interim Transcript shall include all courses registered up to that semester, failed courses that have not yet been cleared at the time of issue, and the SGPA and CGPA as applicable up to that semester.

### **250B30.0 Award of Degree Certificate**

(a) A degree certificate is the final and official document issued by the University to a student during convocation, which is the formal university ceremony for the conferment of degrees.

The degree certificate serves as the ultimate proof that the student has successfully completed all the academic requirements of B.E./B.Tech. degree program and has been duly conferred with the degree by the University.

(b) The Degree Certificate shall include the name of the Candidate, Name of the Degree (B.E./B.Tech.) with Honours degree, if any, shown in brackets, Name of the College/Institution along with its official status (Autonomous or Non-Autonomous), Subject (Branch name), Class awarded, and latest passport-size digital photograph of the Degree holder.

(c) Registration for Convocation is mandatory to receive the degree. All students studying in final year of B.E./B.Tech. programme shall compulsorily apply through the VTU portal <https://convocation.vtu.ac.in> by paying the nonrefundable fee as notified by the University from time to time, in response to the Convocation notification issued by the University.

(d) The University shall be the sole authority to issue Degree Certificate to students of all Colleges under its jurisdiction. Accordingly, VTU shall dispatch the Degree certificates to its regional centres and extension centres. The Principals/Chairperson/Programme Coordinator of Affiliated Engineering Colleges shall collect the certificates from the regional centres for further distribution to the cornered students.

Students are advised to collect their degree certificates from their respective colleges.

(e) For further details regarding the Degree Certificate and Convocation process, reference shall be made to the official notifications issued by the University from time to time.



### **250B31.0 Provisional Degree Certificate (PDC)**

- (a) A Provisional Degree Certificate (PDC) is a temporary, but a legally valid document issued in lieu of Degree Certificate prior to the convocation.
- (b) PDC shall remain Valid until original degree certificate is issued at convocation. Upon formal conferment of the degree and issuance of the Degree Certificate, the PDC shall cease to have legal validity, as the Degree Certificate supersedes it.
- (c) The PDC shall contain the following particulars:
- (i) Name of the Degree (B.E./B.Tech.) with Honours, if any (shown in brackets),
  - (ii) Name of the College/Institution along with its status (Autonomous or Non-Autonomous), (iii) Subject (Branch name),
  - (iv) Class awarded, and
  - (v) Date of completion of the Degree.
- (d) The PDC shall be issued soon after the announcement of the results of the final semester of the programme is announced.
- (e) The purpose of PDC may be for higher education, Job applications and joining, visa and immigration purposes, professional registration, internships/training, entrepreneurial purposes, etc.
- (f) The University shall issue the PDC to students at its Non-Autonomous Colleges. In the case of Autonomous Colleges, the respective Autonomous College shall issue the PDC to its students.
- (g) Students shall apply to the University for the PDC through the prescribed procedure on the Electronic Document Delivery and Tracking System (eDDTS) portal. The application form made available on the VTU website may also be used for this purpose.

### **250B32.0 Programmes Offered by VTU**

#### **250B32.1 B.E./B.Tech. Degree**

- (a) Students who successfully complete the course prescribed in the Scheme of Teaching and Examinations shall be eligible for the B.E./B.Tech. degree.

#### **250B32.2 B.E./B.Tech. with Minor Degree**

- (a) Students who successfully complete the course prescribed in the Scheme of Teaching and Examinations and earning additional 18 or more credits by adhering to the Regulations of the University shall be eligible for the B.E./B.Tech. degree with Minor qualification. For more details refer to Minor Degree Regulations – 2025.

#### **250B32.3 B.E./B.Tech. (Honours) Degree**

- (a) Students who successfully complete the courses prescribed in the Scheme of Teaching and Examinations and earning additional 18 or more credits by adhering Regulations of the University shall be eligible for the B.E./B.Tech. degree with Honours qualification. **For more details refer to Honours Degree Regulations – 2025.**



### **250B32.4 Multiple Entry and Multiple Exit (ME-ME) Options**

(a) Multiple Entry and Multiple Exit (ME–ME) refers to a flexible academic scheme under which students may:

- (i) Enter an undergraduate engineering programme at the prescribed entry level.
- (ii) 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.

- (iii) 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).

- (iv) 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.

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

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

(c) Under the National Credit Framework (NCrF), the following certifications shall be awarded at the respective exit points, provided the student has earned the required credits and secured a minimum CGPA of 4.00.



<b>Table-250B 7.4.1 Certification for Engineering (B.E./B.Tech.)</b>		
<b>Year of exit</b>	<b>Semesters completed successfully</b>	<b>Certificate Awarding</b>
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 Honours qualification (if as applicable)

(d) 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 Registrar (Evaluation) through the Principal/ Chairperson/Programme Coordinator, within 15 days from the date of announcement of the results, along with the prescribed fee, as notified by the University from time to time.

(e) 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.

(f) Re-entry to the programme under ME-ME scheme shall be restricted to two (2) instances.

(g) Students availing the ME-ME option shall complete the B.E./B.Tech. degree within the maximum duration specified under University Regulations.

### **250B32.5 Accelerated Degree Completion Scheme for Academically Exceptional Students**

(a) Under accelerated Programme, Students who are academically strong, self-directed, disciplined and strategically organised, with a sound understanding of University Regulations and the stamina to sustain accelerated learning can complete all the academic requirements of 4 - year B.E./B.Tech. 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.

(b) Students shall register for the accelerated degree programme before the commencement of V semester on notification of the University. This facility shall be available only to students who have secured a grade  $\geq A$  in each of the course in First attempt with a CGPA  $\geq 9$  from 1<sup>st</sup> to 4<sup>th</sup> semesters in case of regular students, and in 3<sup>rd</sup> to 4<sup>th</sup> semester in case of lateral entry students. Further, students shall maintain a CGPA  $\geq 9$  and complete all the courses in a first attempt. If registered students fail to meet the above requirements, their registration to the accelerated scheme stands cancelled and



shall complete the programme in regular scheme of 4 years by regular students and 3 years by lateral entry students.

(c) The registration for the MOOC courses as specified in the VIII semester scheme of teaching and examinations shall be completed anytime starting from V semester.

(d) 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.

(e) All the course registration shall be completed under the supervision and the approval of Faculty Advisor / Proctor / Mentor.

(f) Capstone project phase II and the Internship shall be completed during the VII semester only.

(g) In cases, where student fail to satisfy the conditions prescribed above shall withdraw from the accelerated programme. In such cases the courses completed successfully under the accelerated programme shall be exempted from re-studying those courses. However, in such cases, such students shall continue under Regular scheme.

(h) A course completion certificate shall be issued jointly by the University and the College immediately after the successful completion of the Accelerated programme, strictly adhering to the prescribed norms, notwithstanding the minimum duration of the B.E./B.Tech. programme prescribed by AICTE. The degree certificate shall be issued after the ensuing convocation.

### **250B33.0 Award of Prizes, Medals, and Ranks**

#### **250B33.1 Award of Prizes and Medals**

For the award of Prizes and Medals, the conditions stipulated by the Donor shall be considered, subject to the provisions of the statutes framed by the University for such awards.

#### **250B33.2 Award of Ranks**

(1) For the award of rank in a Specialization of Bachelor of Engineering/Technology programme, the highest CGPA secured by the students from III to VIII semester shall be considered.

(2) The additional credits earned for the award of Honours/ Minors degree shall not be considered for the Rank declaration.

(3) A student shall be eligible for a rank at the time of award of the Bachelor of Engineering/ Technology degree, provided that the student:

(a) (i) Has passed all the Courses from I to VIII semesters in the first attempt only, in case of Candidates admitted to the I year and passed all the Courses from III to VIII semesters in the first attempt only, in case of Candidates admitted to the II year as lateral entry students.

(ii) Lateral entry students shall have secured PP status in non-credit mandatory mathematics courses (including students exempted from studying the non-credit mandatory mathematics courses) from III to VIII semesters in the first attempt only.



(b) Is not a repeater in any semester because of rejection of results of a semester, shortage of attendance, temporarily discontinued and rejoined/readmitted, or similar reasons.

(c) Has completed all the semesters (I to VIII semesters in case regular students and III to VIII in case of lateral entry students) in VTU academic departments, VTU constituent colleges or in any VTU affiliated colleges, excluding autonomous colleges.

(d) Has not been transferred from any autonomous college affiliated to VTU or from any other University.

(4) The total number of ranks awarded shall be 10% of the total number of students who appeared in the VIII semester examination in a specialization, subject to a maximum of ten (10) ranks.

(5) For an award of ranks in a specialization, a minimum of ten (10) students must have appeared for the VIII semester examination.

**Illustration:**

(i) If 1228 students appeared for the VIII semester in the Electronics and Communication Engineering Program, the number of ranks to be awarded for Electronics and Communication Engineering shall be ten (10).

(ii) If 90 students appeared for the VIII semester in Biomedical Engineering programme, the number of ranks to be awarded for Biomedical Engineering shall be nine (09).

(iii) In case of a fractional number of ranks, the number shall be rounded up to the next higher integer only when the first decimal place is greater than or equal to 5.

(6) Ranks shall be awarded based on the merit of the students as determined by CGPA. In the event that two or more students secure the same CGPA, the tie shall be resolved by considering the number of times a student has obtained a higher SGPA from III to VIII semester. If the tie remains unresolved, the number of times a student has obtained higher grades from III to VIII semesters, such as O, A+, A, B+, so on shall be considered to determine the order of ranks.

(7) In the event of any conflict or ambiguity, the decision of the University shall be final and binding on all concerned.

**25OB34.0 Applicability and Power to Modify**

(1) The VTU Regulations governing the degree of Bachelor of Engineering/ Technology of Visvesvaraya Technological University-2025 shall be binding on all concerned.

(2) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/ orders to address and removal of any difficulties arising in the implementation of these Regulations.

(3) Nothing in the foregoing shall be construed as limiting the authority of the University to amend, modify or repeal any or all of the above provisions, as deemed necessary from to time.





**Annexure -VII:**  
**AICTE Activity Points**

Applicable to the students of University Department programs/ Constituent colleges, affiliated Autonomous and non-autonomous colleges of VTU, Belagavi from 2025-26 batch and onwards.

**Guidelines and Suggestive Activities for earning Activity Points**

(1) AICTE Activity Points Programme (AAPP): AICTE has made it mandatory for students enrolled in the B.E./B.Tech. programme students to earn 'AICTE Activity Points', in addition to academic grades, in recognition of their participation and contribution towards community engagement and allied activities.

Accordingly, as per Section 250B 6.9.1. of the "VTU (Award of Bachelor of Engineering/ Technology Degree) Regulations, 2025", it is mandatory for all students to earn the prescribed activity points while pursuing the B.E./B.Tech. programme.

(2) Students may choose activities based on their interests and preferences for earning the AICTE Activity Points. All such activities shall be completed before the commencement of 8<sup>th</sup> semester examinations during their program period.

(3) The minimum number of AICTE activity points required for the award of a degree shall be earned based the student's entry level, as prescribed in Table- AAPP 1.

<b>Sl. No</b>	<b>Level of Entry in 4-year Degree Programme</b>	<b>Total Years for earning the points</b>	<b>Activity Points prescribed</b>
1	Regular Students admitted to 1 <sup>st</sup> Semester of the 4-year Degree Programme	4 Years	100
2	Students entering 4-year Degree Programme through lateral entry and from other Universities to the 3 <sup>rd</sup> Semester	3 years	75
3	Students transferred from other colleges and Universities to the 5 <sup>th</sup> Semester	2 years	50

(4) Students shall be involved in earning AICTE activity points during their free time on working days, weekends, holidays, and vacations. The duration spent on any activity, in hours, shall be counted from the time of preparation for the activity up to its completion.

(5) The time spent to earn 20 activity points need not be from a single activity. It may be accumulated through a few activities covering 80 to 90 hours for 20 activity points and 400 to 450 hours for 100 activity points, 300 to 338 for 75 activity points, and 200 to 225 hours for 50 activity points.



**Visvesvaraya Technological University, Belagavi**  
 VTU Regulations Governing the UG Programmes B.E. and B.Tech. – 2025

**Table – AAPP 2: AICTE Activity Point Programme (Activity Summary Sheet)**

Credits (Max.) Degree	Suggested period (Max.)	Total Duration per Week (Degree)	Sub Activity Head	Proposed Document as Evidence and Evaluated by	Performance appraisal/ Maximum points/ activity	Maximum Points under this category
B.E./B.Tech. (160/120)	Anytime during the free-time of the working days, weekends, holidays and vacations	2 Weeks (80-90 hrs)	Prepare and implement plan to create local job opportunities.	Project Report NSS/ NCC/ SAGY Coordinator of the Institute	20	100
		2 Weeks (80-90 hrs)	Prepare and implement plan to improve education quality in village.		20	
		2 Weeks (80-90 hrs)	Preparing an actionable DPR for Doubling the village Income.		20	
		2 Weeks (80-90 hrs)	Developing Sustainable Water Management system.		20	
		2 Weeks (80-90 hrs)	Prepare and improve a plan to improve health parameters of villagers.		20	
		2 Weeks (80-90 hrs)	Developing and implementing of Low-Cost Sanitation facilities.		20	
		2 Weeks (80-90 hrs)	Prepare and implement plan to promote Local Tourism through Innovative Approaches.		20	
		2 Weeks (80-90 hrs)	Implement/Develop Technology solutions which will improve quality of life.		20	
		2 Weeks (80-90 hrs)	Prepare and implement solution for energy conservation.		20	
		2 Weeks (80-90 hrs)	Prepare and implement plan to Skill village youth and provide employment.		20	
		2 Weeks (80-90 hrs)	Develop localized techniques for Reduction in construction Cost.		20	
		2 Weeks (80-90 hrs)	Prepare and implement plan of sustainable growth of village.		20	
		2 Weeks (80-90 hrs)	Setting of Information imparting club for women leading to contribution in social and economic issues.		20	
		2 Weeks (80-90 hrs)	Developing and managing Efficient garbage disposable system.		20	
		2 Weeks (80-90 hrs)	Contribution to any national level initiative of Government of India. For e.g. Digital India/ Skill India/Swachh Bharat Internship etc.		20	



**Visvesvaraya Technological University, Belagavi**  
VTU Regulations Governing the UG Programmes B.E. and B.Tech. – 2025

(6) Students shall select any topics mentioned in Table – AAPP 2 or any other relevant contemporary topic that is advantageous to the society, in consultation with the AICTE Activity Points Programme Coordinator, to cover the time period specified to earn the prescribed activity points.

(7) In case a student fails to earn the prescribed activity Points before the commencement of the 8<sup>th</sup> semester examinations, the eighth semester grade card shall be issued only after the student earns the required activity Points.

Further, students shall be admitted to the award of the degree only after the release of the Eighth Semester Grade Card in the ensuing convocation.

(8) The Activity Points earned shall be reflected on the student's eighth semester Grade Card.

(9) Activity Points are non-credit in nature and shall not have any impact on the SGPA/CGPA.

(10) The activities undertaken for earning AICTE activity points shall be coordinated by NSS/ NCC/ Sports/ Training and Placement Officer, as applicable.

(11) Every student shall maintain a file containing details of the activities carried out along with the appropriate documentary evidences. The file prepared by the student as per table-2, shall be verified and certified by the concerned evaluator as listed in Table-2.

(12) The Principals of colleges under VTU/ Chairperson/ Programme Coordinator shall submit to the University the list of students who have completed the AICTE activity points, along with the CIE marks of 8<sup>th</sup> semester.

(13) The Principal/ Chairperson/ Programme Coordinator college shall issue an AICTE activity points completion certificate, duly endorsed by the concerned activity points coordinator.

