

	Final Marks: The final marks for the SEE for Project Phase II or only Project work shall be the sum of the marks obtained from the Project work evaluation (Dissertation) and the viva voce examination.																																							
240MT6.0	Computation of SGPA and CGPA																																							
240MT6.1	(i) The University adopts an absolute grading system wherein the marks are converted to grades, and every semester's results will be declared with semester grade point average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will be calculated for every semester, except for the first semester. (ii) The grading system with the letter grades and the assigned range of marks under the absolute grading system are as given below: <table border="1"><thead><tr><th colspan="8">Letter Grade and corresponding Grade Points on a typical 10 – Point scale</th></tr><tr><th rowspan="2">Letter Grade</th><th>O</th><th>A+</th><th>A</th><th>B+</th><th>B</th><th>C</th><th>F</th></tr><tr><th>Outstanding</th><th>Excellent</th><th>Very Good</th><th>Good</th><th>Average</th><th>Pass</th><th>Fail</th></tr></thead><tbody><tr><td>Grade Point</td><td>10</td><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td>0</td></tr><tr><td>% of Marks secured</td><td>90-100</td><td>80-89</td><td>70-79</td><td>60-69</td><td>55-59</td><td>50-54</td><td>0-49</td></tr></tbody></table> (i) The minimum mark to score for CIE is 50% of the maximum marks of CIE, and the minimum passing mark for SEE is 40% of the maximum marks of SEE. In aggregate, the students have to secure 50% total marks of the course (CIE+SEE marks). (ii) A student obtaining a Grade F in a Course shall be considered a failure and is required to reappear in subsequent SEE. Whatever the letter grade secured by the student during his /her reappearance shall be retained. However, the number of attempts taken to clear a Course shall be indicated in the grade cards/ transcripts.	Letter Grade and corresponding Grade Points on a typical 10 – Point scale								Letter Grade	O	A+	A	B+	B	C	F	Outstanding	Excellent	Very Good	Good	Average	Pass	Fail	Grade Point	10	9	8	7	6	5	0	% of Marks secured	90-100	80-89	70-79	60-69	55-59	50-54	0-49
Letter Grade and corresponding Grade Points on a typical 10 – Point scale																																								
Letter Grade	O	A+	A	B+	B	C	F																																	
	Outstanding	Excellent	Very Good	Good	Average	Pass	Fail																																	
Grade Point	10	9	8	7	6	5	0																																	
% of Marks secured	90-100	80-89	70-79	60-69	55-59	50-54	0-49																																	
240MT6.2	Grade Point Averages: SGPA and CGPA: The credit index can be used further for calculating the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA), both being important academic performance indices of the student. While SGPA is equal to the credit index for a semester divided by the total number of credits registered by the student in that semester, CGPA gives the sum total of credit indices of all the previous semesters divided by the total number of credits registered in all these semesters. Both equations together facilitate the declaration of the academic performance of a student, at the end of a semester and the end of successive semesters respectively. Thus, $SGPA = \frac{\sum [Course Credits \times Grade Points] \text{ for all the Courses in that Semester}}{\sum [Course Credits] \text{ for all the Courses in that Semester}}$																																							



	$CGPA = \frac{\sum [\text{Course Credits} \times \text{Grade Points}] \text{ for all Courses excluding those with F and transitional grades until that Semester}}{\sum [\text{Course Credits}] \text{ for all Courses excluding those with F grades until that semester}}$
240MT6.3	Grade Card: Based on the secured letter grades, grade points, SGPA, and CGPA, a grade card for each semester and a consolidated grade card indicating the performance in all semesters shall be issued.
240MT7.0	Conversions of Grades into Percentage and Class Equivalence Conversions of CGPA into Percentage of Marks and Class Equivalence There is no formula for the conversion of CGPA into the percentage of marks. However, the following formula for conversion of the CGPA on a 10-point scale into the percentage of marks (M) for employment / higher studies, etc may be used; Percentage of marks secured, $M = \text{CGPA Earned} \times 10$ Illustration for a CGPA of 8.20; Percentage of marks secured $M = 8.20 \times 10$ $= 82.0 \%$
240MT7.1	Class Equivalence: After the conversion of final CGPA into the percentage of marks (P), a graduating student is reckoned to have passed in 1. First Class with Distinction (FCD) if $P \geq 70\%$ 2. First Class (FC) if $P \geq 60\%$ but $< 70\%$ and 3. Second Class (SC) if $P < 60\%$. But $\geq 50\%$
240MT8.0	Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE)
240MT8.1	Continuous Internal Evaluation For each theory and practical paper, the CIE marks shall be 50. For Mini-Project with Seminar, Project Phase -I, and Societal Project the CIE marks shall be 100. Project Phase-II both CIE and SEE are 100 marks each. [To be read along with 240MT8.8]
200MT8.2	CIE Marks shall be based on 1. Two Unit Tests each of 25 Marks 2. Two assignments each of 25 Marks or one Skill Development Activity of 50 marks to attain the COs and POs The sum of two tests, two assignments/skill Development Activities, will be scaled down to 50 marks CIE methods /question paper is designed to attain the different levels of Bloom's taxonomy as per the outcome defined for the course.

240MT8.3	An additional test may be conducted for the needy students to provide an opportunity to improve their CIE Marks before the end of the semester. The CIE marks shall be the average of the marks scored in three tests, Assignments/skill development activities, Quiz/seminars/course projects etc. Marks scored by the student/s proportionally scaled down to 50 marks. [To be read along with 240MT8.8]
240MT8.4	The candidates shall write the Tests in Blue Book/s. The Blue book/s and other documents relating to award of CIE marks under 240MT8.2 shall be preserved by the Principal / Head of the Department for at least six months from the date of announcement of University results and made available for verification at the directions of the Registrar (Evaluation).
240MT8.5	Every page of the CIE marks list shall bear the signatures of the concerned Teacher, the Head of the Department, and the Principal.
240MT8.6	The CIE marks list shall be displayed on the Notice Board and corrections, if any, shall be incorporated before submitting to the University.
240MT8.7	The CIE marks shall be sent to the university by the principals well in advance before the commencement of Semester End Examinations. No corrections of the CIE marks shall be entertained after the submission of the marks list to the University.
240MT8.8	Candidates obtaining less than 50% of the CIE marks in any course (Theory/Laboratory/Seminar/Internship/Project) shall not be eligible to appear for the University examination in that course/s. In such cases, the Head of the Department shall arrange for the improvement of CIE marks in the course/ Laboratory when offered in the subsequent semester subject to the provision of 240MT1.5.
240MT8.9	Semester End Evaluation: There shall be a University examination at the end of each semester. Setting Theory Question Papers and Evaluation: Question papers in theory courses shall be set by the Examiners appointed by the University.
240MT9.0	Eligibility for Passing and Award of Degree
240MT9.1	- A student who obtains any grade O to C shall be considered as passed and if a student secures F grade in any of the heads of passing, he/she has to reappear in that head for the SEE. - A student shall be declared successful at the end of the program for the award of a degree only upon obtaining a CGPA greater than or equal to 5.00, with none of the courses remaining with an F grade.



240MT9.2	The weightage of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. The minimum passing marks in SEE are 40% of the maximum marks. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% (50 marks out of 100) in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together The Minimum Passing Grade in a course is C.
240MT9.3	IV semester Full-time candidates/working Professional category students having backlog courses are permitted to upload the dissertation report and to appear for SEE. The IV semester grade card shall be released only when the candidate completes all the backlog courses and becomes eligible for the award of a degree. [To be read along with 240MT11.2]
240MT9.4	A candidate may at his/her desire reject his/her latest semester results of the University examination in respect to all courses of that semester. However, in the IV semester, the rejection shall not include the Project work. Rejection shall be permitted only once during the entire Program. The CIE marks of the rejected semester shall remain the same. Rejection of results of the University examination including CIE marks is not permitted.
240MT9.5	If the rejection of the University examination results of the semester happens to be of an odd semester, the candidate can take admission to the immediate next even semester. However, if the rejection of the University result is of even semester, the candidate cannot take admission to the next odd semester.
240MT9.6	Application for rejection shall be submitted to the Registrar (Evaluation) through the principal of the college, within thirty days from the date of announcement of results.
240MT9.7	A candidate, who opts for rejection of results of a semester shall be eligible for the award of class and distinction, but shall not be eligible for the award of rank.
240MT9.8	Eligibility for Award of Degree: A student shall be declared to have completed the degree of Master of Technology, provided the student has undergone the stipulated course work as per the regulations and has earned the prescribed Credits, as per the Scheme of Teaching and Examination, of the program.
240MT10.0	Attendance Requirement



240MT10.1	Registration and Enrolment: (1) Except for the first semester, registration for a semester will be done during a specified week before the semester-end examination of the previous semester. (2) The registration sheet should have the Candidate details, course name, and code, number of credits, and category (core/elective/audit etc) for each course of that semester. (3) The Faculty Adviser, assigned by the Head of the Department, will counsel the students in planning their courses of study and provide guidance, motivation, emotional support, and enable the mentees to reach the desired professional and career goals.
240MT10.2	Courses of each semester shall be treated as a separate unit for calculation of the attendance.
240MT10.3	The candidate has to put in a minimum attendance of 85-90 % in each course with a provision to condone 15-10 % of the attendance by the Vice-Chancellor on the specific recommendation of the Principal of the college where the candidate is studying, based on medical grounds, participation in NSS/NCC/Red Cross /Republic Day and Independence Day parades/University/ State/ National/ International level sports and cultural activities, seminars, workshops, paper presentation etc., of significant value. The necessary documents in support are to be submitted along with recommendations to condone the shortage.
240MT10.4	In case of late admission, approved by competent authority (KEA/DTE/VTU), to I semester of the program, the attendance shall be reckoned from the date of admission to the program.
240MT10.5	A candidate who does not meet the attendance requirement (in one or more courses) as specified in clause 240MT10.3 shall not be eligible to appear for the SEE of that course/s. However, they may be allowed to take admission to the next higher semester, subject to clause 240MT11.2. The candidate shall be permitted to register for the courses with an attendance shortage when they are next offered. 240MT10.5a: Provided that the total number of credits registered for both regular and backlog subjects shall not exceed 28 credits.
240MT10.6	Principals of the concerned colleges shall notify regularly, the list of candidates who fall short of attendance.
240MT10.7	The list of the candidates falling short of attendance shall be sent to the University at least one week prior to the commencement of the examination.
240MT11.0	Promotion and Eligibility (Vertical Progression)



240MT11.1	Passing Standard: Refers to passing a Course only when getting a Grade Point (GP) greater than or equal to 5 (Grade letter C). - The minimum passing mark to score for CIE is 50% of the maximum marks of CIE, and the minimum passing mark for SEE is 40% of the maximum marks of SEE. In aggregate, the students have to secure 50% total marks of the course (CIE+SEE marks). - Students satisfying the attendance requirement but failing to secure the minimum percentage of CIE marks, in any course/s, shall not be eligible for the SEE, conducted by the University and they shall be considered as fail in that Course/those Courses and marked as F in the grade cards against this course/s. However, they can appear for university examinations conducted for other Courses of the same semester and backlog course/s if any. - Students who have satisfied the attendance requirement but not the CIE requirements can be permitted to register afresh and appear for SEE after satisfying the CIE requirements in the same Course(s) when offered during the next immediate semester/s or later. - Each appearance to SEE or absence after completing CIE and attendance requirements to complete a course shall be treated as an attempt .
240MT11.2	Promotion: Promotion from an odd semester to the subsequent even semester shall not be restricted, even if the candidate has a shortage of attendance in one or more courses. However, candidates with attendance shortages will not be allowed to appear for the Semester End Examination (SEE) in those courses. - Students with "F" grades in courses totaling more than 16 credits across the 1st and 2nd semesters of the first year shall not be allowed to progress to the 3rd semester (2nd year) of the program. - These 16 credits include courses with a shortage of attendance. The candidate must re-register for these courses when they are next offered, fulfill the attendance requirements, and achieve at least 50% of the maximum marks in the Continuous Internal Evaluation (CIE) to qualify for the Semester End Examination (SEE). - The total registered credits in any semester must not exceed 28, including the regular courses of the current semester and backlog

	courses that require fulfilling attendance and Continuous Internal Evaluation (CIE) requirements d) Each credit course shall be treated as a head of-passing.
240MT11.3	The Mandatory non-credit courses (NMC), if any, shall not be considered for the Eligibility criterion prescribed for promotion, award of Class, calculation of SGPA and CGPA. However, a pass in the above courses is mandatory before the completion of the Degree.
240MT11.4	Passing ONLINE courses is mandatory for the award of a degree. ON-LINE courses are not considered under vertical progression; however, the student has to pass these courses before the completion of the maximum duration of the program. If a student fails a selected ON-LINE course in a semester, then he/she can pass the course in the next semester by taking the same course (if offered online) or other university-approved available courses during that session. The title of the course/s in which he/she qualify shall be mentioned in the grade card with letter PP.
240MT12.0	Provision to move to Integrated Ph.D. program
240MT12.1	Eligibility for Ph.D. Admission: Students registered for M.Sc. (Engg.) by Research, M.Tech., M.Arch., M.E., or M.Plan are eligible to upgrade their registration to a Ph.D. program as per clause 23PHD 2.1, based on their performance on a case-by-case basis. The eligibility criteria for admission are as follows: Candidates pursuing an M.Tech. degree at the University who have completed the prescribed coursework in the first three semesters with outstanding merit—defined as a minimum CGPA of 7.75 out of 10 or 70% aggregate marks—and have published research papers in refereed journals or filed/obtained patents shall be eligible for upgradation to the Ph.D. Integrated Degree Program/Dual Degree Program. When awarding Integrated Ph.D. degrees, the degree certificate shall explicitly state that the degree conferred is an M.Tech. with a Ph.D. Integrated Degree, or M.Arch. or M.Plan. with a Ph.D. Integrated Degree, as applicable.
240MT13.0	Temporary Discontinuation/Break in the Program
240MT13.1	a) If a candidate, for any reason, temporarily discontinues the Program or take a break from program during any semester, he/she may be permitted to continue in the program by registering to the same semester of the prevailing scheme. The candidate shall complete the remaining course work subject to the

	provision 240MT1.5. Also the Candidates may have to complete additional course/s, if any, as per the decision of concerned Board of Studies and approval of Dean, Faculty of Engineering, on establishing equivalence between two schemes. A Grade card shall be issued to that effect. Additional course/s shall not be considered for the eligibility criterion prescribed for promotion (vertical progression). However, based on the individual cases, it is considered to decide the SGPA and CGPA to admit the student for the award of a degree. Such a candidate shall not be eligible for the award of rank. b) Candidates who take admission to any semester of the existing scheme from another scheme, as a repeater/fresher because of various reasons have to complete additional course/s, if any, as per the decision of concerned Board of Studies and approval of Dean, Faculty of Engineering, on establishing equivalence between two schemes. A Grade card shall be issued to that effect. Additional course/s shall not be considered for the eligibility criterion prescribed for promotion. However, based on the individual cases, it is considered to decide the SGPA and CGPA to admit the student for the award of a degree. Such a candidate shall not be eligible for the award of rank.
240MT13.2	Multiple Entry and Multiple Exist; The multiple entries and exit points in the academic programs offered at Higher Education Institutions (HEIs) would remove rigid boundaries and create new possibilities for students. There are occasions when learners have to give up their education mid-way for various reasons. To facilitate flexible learning within the stipulated period (four years for regular students), multiple exist and entry options are given to the needy students. The student can exit from the program only at the end of the even semester/s (2nd semester) and the re-entry option is provided to the students at the beginning of the odd semester/s (3rd semester). However, the students who pass all their registered courses of the 1st and 2nd semesters as per the scheme of teaching and examinations and obtain required credits, shall be awarded Post Graduate Certificate if he/she shall opt for exit. However, he/she shall be permitted to take admission (3rd semester) subjected to the maximum duration of the course. He/she has to complete 06 weeks of Internship before admitting to 3rd semester.
240MT14.0	Award of Prizes, Medals and Ranks
240MT14.1	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.



240MT14.2	(1) For award of rank in a Specialization of Master of Technology, the CGPA secured by the student on completion of the program is considered. (2) A student shall be eligible for a rank at the time of award of the degree of Master of Technology, provided the student (a) Is not a repeater in any semester (b) Has not rejected the results of any semester. (c) Has passed I to IV semester in all the courses in first attempt only (3) The total number of ranks awarded shall be 10% of the total number of students who appeared in the IV semester subject to a maximum of 10 ranks in a Specialization. (4) For the award of ranks in a Specialization, a minimum of 10 students should have appeared in the IV semester examination. Illustration: (a) If 150 students appeared for the IV semester in VLSI Design and Embedded Systems Branch, the number of ranks to be declared in VLSI Design and Embedded Systems will be 10. (b) If 84 students appeared for the IV semester in Nano Technology, the number of ranks to be declared for Nano Technology will be 08. (c) In the case of a fractional number of ranks, it is rounded to a higher integer only when the first decimal place value is greater than or equal to 5
240MT14.3	Ranks are awarded based on the merit of the students as determined by CGPA. If two or more students get the same CGPA, the tie shall be resolved by considering the number of times a student has obtained a higher SGPA. If it is not resolved even at this stage, the number of times a student has obtained higher grades like O, A+, A, B+, B etc., shall be taken into account to decide the order of the rank.
240MT15.0	Applicability and Power to Modify
240MT15.1	The regulations governing the Degree of Master of Technology of Visvesvaraya Technological University shall be binding on all concerned.
240MT15.2	(a) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/ orders to address any difficulty. (b) Nothing in the foregoing may be construed as limiting the power of the University to amend, modify, or repeal any or all of the above.



R BE
19/12/24

REGISTRAR
Visvesvaraya Technological University,
BELAGAVI - 590 018.