



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama" Belagavi-590018, Karnataka, India



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Ref. No.: VTU/BOS/A12/2024-25/ 4940

Date: 20 DEC 2024

Circular

Sub: MBA, MCA, M.Tech. and M.Plan Regulations 2024

Ref: 1) JBOS Meeting Recommendations dated 15-10-2024

2) 179th E.C. Meeting Resolution No. 2.2.1 dated
18-10-2024

With reference to the above, final MBA, MCA, M.Tech. and M.Plan 2024 Regulations are uploaded for your information and reference in the university website link as follows:

Sl. No.	Regulations	University Website Link
1	MBA Regulations 2024	https://vtu.ac.in/en/mba-3/
2	MCA Regulations 2024	https://vtu.ac.in/en/mca-3/
3	M.Tech. Regulation 2024	https://vtu.ac.in/en/m-tech/
4	M. Plan Regulations 2024	https://vtu.ac.in/en/m-plan/

You are hereby requested to bring the contents of this Circular to the notice of all the concerned faculty members/students of your college and inform them to follow the same.

R
19/12/24 SE
Registrar
[Signature]

To

- 1) The Principals of all Engineering Colleges (Constituent, Non Autonomous and Autonomous) under VTU.
- 2) The Chairpersons/Programme Coordinators of all VTU PG Centres at Muddenhalli, Belagavi, Mysuru and Kalaburagi Regions.

Copy to:

- 1) The Registrar (Eval.), VTU, Belagavi.
- 2) The Regional Director (I/c), VTU Regional Offices at Bengaluru, Belagavi, Kalaburagi & Mysuru for information and circulation.
- 3) The Secretary to VC, VTU, Belagavi.
- 4) PS to Registrar, VTU, Belagavi.
- 5) Director, NAAC, VTU, Belagavi.

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R. R. BE
19/12/24

REGISTRAR
Visvesvaraya Technological University,
BELAGAVI - 590 018.

REGULATIONS GOVERNING

THE DEGREE OF MASTER OF TECHNOLOGY (M.Tech.,)

Under Outcome Based Education (OBE) & Choice-Based Credit System (CBCS) Scheme

Effective from the academic year 2024-25

(These regulations apply to both regularly admitted students and those admitted under the working professional category.)

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PREAMBLE:

Visvesvaraya Technological University (VTU), Belagavi, was established by the Government of Karnataka with the purpose of advancing and promoting technological education within the state; and the University Grants Commission (UGC) and the All India Council for Technical Education (AICTE) have set forth specific norms and standards for postgraduate education in technology; and WHEREAS, the University strives to deliver high-quality postgraduate education in the field of technology, fostering research, innovation, and entrepreneurship. These regulations are designed to provide a framework for the efficient administration and implementation of the Master of Technology (M.Tech.,) program in affiliated colleges/institutions, ensuring academic excellence, consistency, and quality; NOW, THEREFORE, the Visvesvaraya Technological University hereby establishes the following regulations for the M.Tech program, effective from 2024-25.

Definitions of Keywords: The followings are the definitions/descriptions that have been followed for the different terms used in the Regulations of M.Tech., Programs:

- 01 **Program:** This is an educational program in a particular stream/ branch of Engineering/branch of specialization leading to the award of a degree. It involves events/activities, comprising of lectures/ tutorials/ laboratory work/ field work, outreach activities/ project work/ vocational training/ viva/ seminars/Internships/ assignments/ presentations/ self-study etc., or a combination of some of these.
- 02 **Branch:** Means Specialization or discipline of M.Tech., Degree Program, like Power Electronics, Structures, Machine Design, etc.
- 03 **Semester:** Refers to one of the two sessions of an academic year (vide: serial number 4), each session being of sixteen weeks' duration (with working greater than or equal to 90 days). The odd semester may be scheduled from August and the even semester from February of the year.
- 04 **Academic Year:** Refers to the sessions of two consecutive semesters (odd followed by an even) including periods of vacation.
- 05 **Course:** Refers to usually referred to as 'papers' and is a component of a program. All Courses need not carry the same weight. The Courses should define learning objectives and learning outcomes. A Course may be designed to comprise lectures/ tutorials/ laboratory work/ field work/ outreach activities/project work/ vocational training/ viva/ seminars/ term papers/assignments/ presentations/ self-study etc., or a combination of some of these.
- 06 **Credit:** Refers to a unit by which the Course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of lecture or two hours of laboratory/practical Courses/ tutorials/ fieldwork per week etc



- 07 **Audit Courses:** Means Knowledge/ Skill enhancing Courses without the benefit of a grade or credit for a Course
- 08 **Choice Based Credit System (CBCS):** Refers to customizing the Coursework, through Core, Elective, and soft skill Courses, to provide the necessary support for the students to achieve their goals.
- 09 **Course Registration:** Refers to formal registration for the Courses of a semester (Credits) by every student under the supervision of a Faculty Advisor (also called Mentor, Counselor, etc., in each Semester for the Institution to maintain the proper record.
- 10 **Course Evaluation:** Means Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) to constitute the major evaluations prescribed for each Course. Weightage for CIE and SEE to carry 50 % and 50 % respectively, to enable each Course to be evaluated for 100 marks, irrespective of its Credits.

Continuous Internal Evaluation (CIE): This is also called as formative Assessment. Refers to the evaluation of students' achievement in the learning process. CIE shall be by the Course Instructor and includes tests, homework, problem-solving, group discussion, quizzes, mini-projects, and seminars throughout the Semester, with weightage for the different components being fixed at the University level.

Semester End examinations (SEE): Refers to an examination conducted at the University level covering the entire Course Syllabus. For this purpose, Syllabi is to be modularized, and SEE questions are to be set from each module, with a choice confined to the concerned module only. SEE is also termed a university examination.

- 11 **First Attempt:** Refers to a student who has completed all formalities and has become eligible to attend the SEE and has attended at least one head of passing, such attempt shall be considered as the first attempt.
- 12 **Credit Based System (CBS):** Refers to quantification of Course work, after a student completes the teaching-learning process, followed by passing in both CIE and SEE. Under CBS, the requirement for awarding a degree is prescribed in terms of the total number of credits to be earned by the students.
- 13 **Credit Representation:** Refers to Credit Values for different academic activities considered, as per Table.1. Credits for a seminar, project phases, project viva-voce, and internship shall be as specified in the Scheme of Teaching and Examination



- 14 **Letter Grade:** It is an index of the performance of students in a said Course. Grades are denoted by letter grade O, A+, A, B, B+, C and F.

Theory/Lectures (L) (hours/week/Semester)	Tutorials (T) (hours/week/Semester)	Laboratory/Practical (P) (hours/week/Semester)	Credits (L:T:P)	Total Credits
4	0	0	4:0:0	4
3	0	0	3:0:0	3
2	2	0	2:1:0	3
2	0	2	2:0:1	3
2	2	2	2:1:1	4
0	0	6	0:0:3	3

NOTE: Activities like, study tours and participation in Guest lecturers are not to carry any Credits.

- 15 **Grading:** Grade refers to the qualitative measure of achievement of a student in each Course, based on the percentage of marks secured in (CIE plus SEE). Grading is done by Absolute Grading [Refer: 240MT6.0]. The rubric attached to letter grades is as follows:
O - Outstanding, **A+** - Excellent, **A** - Very Good, **B+** - Good, **B** - Above Average, **C** - Pass, and **F** - Fail. If a student remains absent for SEE of any of the course/s, the letter grade assigned to that course shall be **F**. If a student is not eligible for appearing SEE, due to non-comply with any of the course/s then the letter grade assigned against that course shall be **NE**
- 16 **Grade Point (GP):** Refers to a numerical weightage allotted to each letter grade on a 10-point scale as under.

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

Passing Standards: Refers to passing a Course only when getting GP greater than or equal to 5 (Grade letter C)

- 17 **Credit Point:** Is the product of grade point (GP) and number of credits for a Course i.e.,
 Credit Points (CrP) = GP x Credits for the course
- 18 **Semester Grade Point Average (SGPA):** Refers to a measure of academic performance of student/s in a semester. It is the ratio of total credit values secured by a student in various Courses of a semester and the total Course credits taken during that semester. [Refer: 240MT6.0]
- 19 **Cumulative Grade Point Average (CGPA):** Is a measure of the overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points earned by a student in various Courses in all semesters and the sum of the total credits of all Courses in all semesters. It is expressed up to two decimal places. [Refer: 240MT6.0].



- 20 **Grade Card:** Refers to a certificate showing the grades earned by a student. A grade card shall be issued to all the registered students after every semester. The grade card will display the program details (Course code, title, number of credits, grades secured) along with the SGPA of that semester and CGPA earned till that semester.
- 21 **Multiple Entry Multiple Exit:** 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 (2ndsemester) and the entry option is provided to the students at the beginning of the odd semester/s (3rd semester)
- 22 **University:** Visvesvaraya Technological University (VTU), Belagavi.



240MT1.0	Title, Duration, and Credits of the Program of Study
240MT1.1	The Program shall be called Master of Technology in (Engineering Stream) with Specialization in (Program Specialization), for example, Master of Technology in Mechanical Engineering with Specialization in (Machine Design), abbreviated as M.Tech., in Mechanical Engineering with Specialization in (Machine Design).
240MT1.2	There shall be one category of Program: Full-time Program (FT),
240MT1.3	Full-time Program: The Program shall extend over a period of four semesters and each semester shall have a 15-16 week (not less than 90 working days) duration.
240MT1.4	A Faculty/ Employee working on a Full-Time basis in an Institution/ Organization and pursuing/pursuing any Course conducted in the timing of Regular/ First Shift for the same duration as that of Regular Shift shall be considered ineligible for employment/ higher studies. However, professionals employed in a registered industry/organization (central/state), private/public limited companies, or MSMEs located within a 75 km radius of the institute, with a minimum of one year of full-time/regular work experience, are eligible for admission to the M.Tech program under the AICTE-approved supernumerary intake category.(separate intake sanctioned for working professionals)
240MT1.5	Maximum Duration for Program Completion: A Full-time candidate/working professional shall be allowed a maximum duration of 4 years from the first semester of admission to become eligible for the award of Master's Degree, failing which he/she may discontinue the program or register once again as a fresh candidate to I semester of the program.
240MT1.6	Prescribed Number of Credits for the Program: The number of credits to be completed for the award of the degree shall be 80.
240MT1.7	Definition of Credits: 01-hour Lecture (L) per week per semester =1 Credit 02 hours of Tutorial (T) per week per semester =1 Credit 02 hours of Practical/Laboratory/Drawing (P) per week per semester =1 Credit. Note: <ul style="list-style-type: none"> • Four credit Courses are designed for a 50-60 hours Teaching – Learning process. • Four credits integrated course are designed for 40 hours of theory and 10-12 sessions of practical components. • Three credit Courses are designed for a 45-50 hours Teaching – Learning process. • Two credit Courses are designed for a 25-30 hours Teaching – Learning process. • One Credit Courses are designed for a 15-20 hours Teaching – Learning process.
240MT1.8	The Calendar of events in respect of the Program shall be notified by the University in advance.



240MT2.0	Eligibility for Admission (As per the Government orders issued from time to time)
240MT2.1	<p>Admission to I year/I semester Master of Technology Program shall be open to all the candidates who have passed B.E./ B. Tech. Examinations of VTU or any other recognized University/ Institution. The decision of the Equivalence committee shall be the final in establishing the eligibility of candidates for a particular Program.</p> <p>For foreign degrees, an Equivalence certificate from the Association of Indian Universities shall be a must.</p> <p>The candidates who have completed their degree through distance education from any University (National or International) are not eligible for admission to M.Tech. Programs under any quota.</p>
240MT2.2	<p>AMIE in respective branches shall be equivalent to B.E./ B. Tech. Programs of VTU for admission to M.Tech.</p> <p>(Certificate/ qualification awarded by professional bodies/ institutions in the field of Technical Education will be treated as equivalent to B.E. / B.Tech. programs of VTU for admission to M.Tech. programs subject to the notification/approval from the Government of Karnataka and AICTE New Dehli)</p>
240MT2.3	<p>Admission to M.Tech. Program shall be open to the candidates (as per 240MT 2.1 and 2.2) who have passed the prescribed qualifying examination with not less than 50% of the marks in the aggregate of all the years of the degree examination. However, in the case of candidates belonging to SC/ST and Category I, the aggregate percentage of marks in the qualifying examinations shall not be less than 45%. Rounding off of the percentage secured in the qualifying examination is not permissible. (Reservation is applicable only for Karnataka Candidates).</p>
240MT2.4	<p>For admissions under the GATE/ PG CET qualification and Roaster system of the Government of Karnataka:</p> <p>The candidates should be GATE qualified or should have appeared for the Entrance Examination conducted by an authority recognized by the Government of Karnataka (PGCET)/VTU.</p> <p>For admissions under Management Quota:</p> <p>The candidates should be GATE qualified or should have appeared for the Entrance Examination conducted by an authority recognized by the Government of Karnataka PGCET/VTU.</p> <p>Further, there shall be an Admissions Committee for PG Program in each college for each branch of PG studies consisting of the Principal of the College as the Chairman, the Head of the concerned Department, and one senior faculty of the concerned Department as members. The Admissions Committee shall conduct the interview and select the candidates for admission.</p> <p>For admissions under Sponsored Quota:</p>



	The candidates should be GATE qualified or should have appeared for the Entrance Examination conducted by an authority recognized by the Government of Karnataka PG CET/VTU/any other University on approval by the Government of Karnataka.
240MT2.5	<p>The candidates, who are qualified in the GATE Examination for the appropriate branch of engineering, shall be given priority. They are exempted from the taking Entrance Examination.</p> <p>In case a GATE-qualified candidate appears for the entrance examination and becomes qualified to claim a seat under the entrance examination quota, he/she will be considered in the order of merit along with other candidates who appeared for the entrance examination.</p>
240MT2.6	If a sufficient number of GATE-qualified candidates are not available, the remaining vacant seats shall be filled from amongst the candidates who appeared for the Entrance Examination in the order of merit.
240MT2.7	The intake under various categories (regular, sponsored candidates, and SC/ST) shall be as sanctioned by the AICTE, State Government, and VTU, from time to time.
240MT2.8	<p>Subject to the provisions of 240MT2.1 and 240MT2.2, members of the Teaching/Research Staff working in any Engineering College recognized by AICTE either in the State of Karnataka or outside and who have put in a minimum of 03 years of teaching experience on a full-time basis in Engineering Colleges, Polytechnic institutions / any other institutions imparting Engineering education shall be eligible for admission to PG Programs under sponsored quota if they are sponsored by the respective Institutions / DTE.</p> <p>Members of the teaching/research staff working in AICTE-recognized engineering colleges within Karnataka, having at least one year of full-time/regular experience, are eligible for admission under the Working Professional category, provided their working organization is within a 75 km radial distance from the admitting college.</p>
240MT2.9	<p>Subject to the provisions of 240MT 2.1 and 240MT 2.2, members working in the State Government/ Central Government/ Quasi Government Organizations/ Public Sector Industries / Reputed Private Industries, who have put in a minimum of 03 years of working experience and sponsored by the concerned Organizations, shall also be eligible to seek admissions to PG Programs against sponsored quota.</p> <p>Candidates sponsored by organizations of state and central governments shall be given preference for admission under 240MT2.8 and 2.9.</p>
240MT2.10	Engineering graduates other than the Karnataka candidates shall obtain an Eligibility Certificate from VTU to seek admission to the P.G. Program in any of the colleges (Autonomous or non-autonomous) affiliated with VTU.



240MT2.11	<p>Admission to vacant seats:</p> <p>Unfilled seats shall be filled as per the guidelines issued /notified by the government of Karnataka from time to time. OR</p> <p>Seats remaining vacant (unfilled), after the completion of the PG admission process by Karnataka Examination Authority, shall be filled by the Institution by inviting applications through Press notification. The seats shall be filled by Candidates preferably who have valid GATE/ PGCET scores. In the absence of such Candidates, admission shall be based on merit in the entrance test conducted at the Institution level. An Admissions Committee, consisting of the Principal of the College, the Head of the concerned Department, and the subject experts, shall be in charge of admissions.</p>
240MT3.0 240MT3.1	<p>Courses</p> <p>The curriculum of the Program shall be any combination of the following types of courses:</p> <ol style="list-style-type: none"> 1. Basic Science Courses(BSC): One Course on Mathematics is supportive of the concerned program in the first semester. 2. Professional Core Courses (PCC) - relevant to the chosen specialization/ branch [May be split into Hard (no choice) and Soft (with choice), if required]. The core course is to be compulsorily studied by a student and is mandatory to complete the requirements of a program in said discipline of study. 3. Professional Elective courses (PEC) relevant to the chosen specialization/ branch: These are the courses that can be chosen from the pool of papers. They shall be supportive of the discipline, provide extended scope, enable exposure to some emerging fields or acquire skills highly valued in discipline/domain, and nurture student skills. 4. Open Electives Courses (OEC), Open Elective Courses are subjects offered to students from various disciplines, often beyond their core field of study. These courses allow students to gain a broader perspective and develop skills or knowledge in areas not directly related to their primary discipline, promoting interdisciplinary learning. 5. Integrated Professional Core Courses(IPCC): The theory component of an IPCC is merged with the practical component of the same course. 6. Project Work; Project work is an application-oriented academic activity and aims to sharpen your theoretical and quantitative skills through their application in the light of theoretical knowledge gained while pursuing the various courses 7. Mini-project with Seminar; A mini project in engineering to strengthen the understanding of fundamentals through effective application of theoretical concepts. There are separate credits for each mini-project that needs to be completed. Projects will help to boost the skills and widen the horizon of thinking



of the student. Mini-project work shall be presented as a seminar in front of examiners who evaluate.

8. **Audit Courses (AC):** Audit course/s are non-credit courses opted for by students for self-enrichment. The audit course/s are mentioned in the grade card without the mention of a letter grade and credit. The student has to select the courses from the suggested list of ONLINE courses. If an Audit course is not necessary for a particular program.
9. **Ability Enhancement Courses(AEC):** Ability Enhancement Courses (AEC) are designed to improve essential skills that are applicable across various disciplines and important for personal and professional growth. These courses aim to equip students with competencies that enhance their ability to succeed in their core subjects, as well as in the broader work environment.
10. **Internship:** is a temporary position that provides students or recent graduates with practical work experience in a specific field or industry. It serves as an opportunity to apply theoretical knowledge gained in the classroom to real-world situations, while also allowing interns to learn new skills, understand workplace culture, and build professional networks.
 - **Multinational Corporations (MNCs):** Large companies in sectors like IT, finance, engineering, pharmaceuticals, etc., often offer structured internship programs.
 - **Startups:** Smaller companies provide a dynamic work environment where interns can get hands-on experience with various roles and responsibilities.
 - **Small and Medium Enterprises (SMEs):** Working in SMEs offers interns a close look at business operations and a chance to take on multiple roles.
 - **Government Agencies:** Students can intern at government departments, public sector undertakings (PSUs), or regulatory bodies to understand how government policies and projects are executed.
 - **Non-Governmental Organizations (NGOs) and Non-Profits:** NGOs offer opportunities in social work, community development, education, environmental conservation, and more. These internships are valuable for students interested in contributing to social causes.
 - **Research Institutions and Laboratories:**

Academic Institutions: Many universities and colleges offer internships in their research labs, especially for students interested in R&D.

Government Research Labs: Organizations like the Indian Space Research Organization (ISRO), Defense Research and Development Organization (DRDO), or Council of Scientific and Industrial Research (CSIR) in India offer research opportunities.



	<p>Engineering and Manufacturing Units: For engineering students, internships can be undertaken in industries like automotive, aerospace, electronics, construction, and more, where they can learn about production processes, quality control, and project management.</p> <p>Internship can be taken for a specified period mentioned in the Scheme of Teaching and Examination.</p> <p>11. On-Line Courses: These mandatory online courses are ability enhancement courses or skill development courses or emerging technology courses or bridge courses or advanced learning courses. These courses are suggested by the concerned board of studies. These courses are notified on the university portal. The students have to opt for these courses with the help of a mentor/ staff coordinator.</p>
240MT3.2	<p>Selection of the Professional and Open Elective Courses: A candidate shall exercise his /her option in respect of the electives and register for the same before the beginning of the concerned semester. The candidate may be permitted to opt for a change of elective subject within 10 days from the date of commencement of the semester as per the calendar of the University.</p> <p>Students shall be allowed to choose the elective/s, depending on their career plans, and there shall not be any restriction on the minimum number of students to be registered for an elective course.</p>
240MT3.3	<p>Course Load:</p> <p>Every student is to register for a set of Courses each Semester, with the total number of their Credits being limited by considering the permissible weekly Contact Hours (typically: 35-45 hours/Week); For this, an average Course Load of 16 to 28 credits/Semester (e.g., 6-7 Courses) generally acceptable; to also include 2 or 3 Units of Non-Credit Mandatory Courses in some Semesters.</p>
240MT4.0	<p>Internship</p> <p>The student shall undergo an Internship as per the Scheme of Teaching and Examination</p>
240MT4.1	<ol style="list-style-type: none"> 1) The internship shall be carried out in any industry/R&D Organization/Research Institute/Institute of national and international repute/recognized national and international Professional Bodies, Societies, or Organizations as mentioned in the section 240MT3.1.10. 2) The Department/college shall nominate a faculty to facilitate, guide and supervise students under internship. 3) The students shall report the progress of the internship to the internal guide at regular intervals and seek his/her advice.



	<p>4) The Internship shall be completed during the period specified in the Scheme of Teaching and Examination.</p> <p>5) After completion of the Internship, students shall submit a report to the Head of the Department with the approval of both internal and external guides.</p> <p>6) There will be 100 marks for CIE (Seminar: 40, Internship report: 60) and 100 marks for Viva – Voce conducted during SEE. [To be read along with 24OMT8.8]</p> <p>7) The internal guide shall award the CIE marks for the seminar and internship report after evaluation. He/she will also be the internal examiner for Viva – Voce conducted during SEE.</p> <p>8) The external guide from the industry shall be an examiner for the Internship viva-voce examination. Viva-Voce on internship shall be conducted at the college and the date of Viva-Voce shall be fixed in consultation with the external Guide. The Examiners shall jointly award the Viva - Voce marks.</p> <p>9) (i) In case the external Guide is not available or expresses his inability to conduct viva voce, the Chief Superintendent shall be permitted to make alternate arrangements. The examiner, in the order of preference, shall be an industry person or a faculty of another institution chosen from the list of university examiners. The same shall be intimated to the concerned BOE Chairperson and Registrar (Evaluation).</p> <p>(ii) In case the external Guide accepts to conduct a viva-voce examination from his/her workplace, it shall be arranged via Video/web conferencing/Webinar. The external Examiner shall send the mutually agreed signed marks (evaluated for SEE marks) list, soon after the examination, via email/any electronic media.</p> <p>10) The students shall be permitted to carry out the internship anywhere in India or abroad. The University shall not provide any kind of Financial Assistance to any student for an internship.</p>
24OMT4.2	<p>Failing to undergo Internship: Internship is one of the heads of passing. Completion of an internship is mandatory. If any student fails to undergo/complete the internship, he/she shall be considered a failure in that Course and shall not be permitted to appear for SEE in that Course. However, such students shall appear for SEE after satisfying the conditions prescribed for the Internship. The reappearance shall be considered an attempt.</p>
24OMT5.0	<p>Project Work: Project work is a significant academic endeavor, typically undertaken in the final year of an undergraduate or graduate program, where students apply the knowledge and skills they have gained throughout their studies to solve a complex problem. This project represents a major part of their coursework and is aimed at</p>



	demonstrating the student's ability to conduct independent research, develop innovative solutions, and present their findings professionally.
240MT5.1	<p>Project Work: The project is one of the heads of passing.</p> <p>Project work shall preferably be on an individual basis.</p> <p>The candidate shall submit a soft copy (CD) of the dissertation work to the University. The CD should contain the entire Dissertation in monolithic form as a PDF file (not separate chapters).</p> <p>The Guide, after checking the report for completeness shall upload the Dissertation along with the name, University Seat Number, address, mobile number of the candidate, etc., as prescribed in the form available on the online Dissertation evaluation portal. The guide shall submit a panel of four approved University Examiners for evaluation of the dissertation.</p>
240MT5.3	<p>Plagiarism Check</p> <p>Once the Guide uploads the dissertation, the same shall be linked for plagiarism check. The allowable plagiarism index is less than or equal to 10%.</p> <p>If the check indicates a plagiarism index greater than 10% :</p> <ul style="list-style-type: none"> • for the first time, the candidate has to resubmit the dissertation, to the Registrar (Evaluation), Regional Center/Head Office, VTU along with the penal fees of Rs. 2000/- (Rupees Two thousand only) in person. • for the second time, the candidate has to resubmit the dissertation along with the penal fees of Rs. 4000/- (Rupees four thousand only) in person. • If the dissertation is rejected again during the second resubmission with reference to the plagiarism index, the candidate shall redo the project and submit it after a semester's time subject to provisions of 240MT1.5.
240MT5.4	The dissertation shall be sent through email for evaluation to two examiners - one internal examiner (guide/co-guide) and one external examiner (first) appointed by the University. The evaluation of the dissertation shall be made independently by each examiner.
240MT5.5	Examiners shall evaluate the dissertation normally within a period of not more than two weeks from the date of receipt of the dissertation through email.
240MT5.6	The examiners shall independently submit the marks through the specified link.
240MT5.7	The average of the marks awarded by the two Examiners shall be the final evaluation marks for the Dissertation.



240MT5.8	<p>(a) Viva-voce examination of the candidate shall be conducted as per 240MT5.10 if the dissertation work and the reports are accepted by the external examiner (first).</p> <p>(b) If the external examiner (first) finds that the dissertation work and the report are not up to the expected standard and the minimum passing marks cannot be awarded, the dissertation shall not be accepted for SEE.</p> <p>The external examiner (first) can recommend modifications/suggestions for the dissertation or totally reject the dissertation. The examiner shall offer suggestions for improvement of the dissertation for resubmission or list the reasons for rejection of the dissertation.</p> <p>(c) The resubmitted Dissertation incorporating the modifications/suggestions [as per 240MT5.8 (b)] of the external examiner (first) and satisfying provision 240MT5.3 shall be sent again to the external examiner (first) for evaluation. If the dissertation and the report are accepted by the external examiner (first), the Viva-voce examination of the candidate shall be conducted as per 240MT5.10.</p> <p>(d) In case of rejection of the Dissertation by the external examiner (first), the same will be sent to a Second Examiner (external) approved by the University. The decision of the Second Examiner (external) is final. If the dissertation and the report are accepted by the Second Examiner (external), Viva-voce examination of the candidate shall be conducted as per 240MT5.10. If the Second Examiner (external) rejects the dissertation and the report, the candidate shall have to carry out the dissertation work once again and submit the dissertation subject to provisions of 240MT1.5. In such cases of rejection, the candidate shall redo the entire procedure starting from the submission of the Dissertation in soft copy.</p> <p>(e) In case of rejection of the Dissertation, with reasons, by the external examiner (first) [as per 240MT5.8 (b)], the same will be sent to a Second Examiner (external) [not necessarily the same examiner considered under 240MT5.8 (d)] approved by the University. The decision of the Second Examiner (external) is final. If the dissertation and the report are accepted by the Second Examiner (external), the Viva-voce examination of the candidate shall be conducted as per 240MT5.10. If the Second Examiner (external) rejects the dissertation and the report, the candidate shall have to carry out the dissertation work once again and submit the dissertation subject to provisions of 240MT1.5. In such cases of rejection, the candidate shall redo the entire procedure starting from the submission of the Dissertation in soft copy.</p>
240MT5.9	<p>The candidate, whose Dissertation is rejected, can rework the same topic or choose another topic of the dissertation under the same Guide or a new Guide if necessary. In such an event, the report shall be submitted within four years for a case of a full-time student from the date of admission to the Program.</p>



240MT5.10	<p>Viva-voce examination of the candidate shall be conducted by the external examiner and internal examiner/ guide.</p> <p>Internal examiner as per the direction of the University shall have to arrive at a mutually convenient date for the conduct of viva-voce examination of the concerned candidate with an intimation to the Registrar (Evaluation). In case one of the examiners expresses his/her inability to attend the viva-voce, the Registrar (Evaluation) shall appoint a substitute examiner in his/her place.</p>
240MT5.11	<p>The relative weights for the evaluation of the dissertation and the performance at the viva voce shall be as per the scheme of teaching and examination.</p>
240MT5.12	<p>The marks awarded by both Examiners at the viva voce Examination shall be sent jointly to the University immediately after the examination.</p>
240MT5.13	<p>Examination fees as fixed from time to time by the University for evaluation of dissertation report and conduct of viva voce shall be remitted through the Head of the Institution as per the instructions of the Registrar (Evaluation) from time to time.</p>
240MT5.14	<p>The candidates who fail to submit the dissertation work within the stipulated time have to submit the same at the time of the next ensuing examination.</p>
240MT5.15	<p>Project work's report evaluation and Viva-Voce Examination:</p> <ol style="list-style-type: none"> 1. The examination shall be jointly conducted by the internal examiner and a university-appointed external examiner. 2. The total marks allocated for the evaluation of Project Work's report and the viva voce examination are 100. <p>Evaluation Process:</p> <ol style="list-style-type: none"> 1. The Project work's report (dissertation) shall be evaluated separately by both the internal and external examiners, each assigning a score out of 100. 2. The scores given by the internal and external examiners shall be averaged and scaled down to 100. <p>Viva-Voce Examination:</p> <ol style="list-style-type: none"> 1. The viva-voce examination shall be jointly conducted by the internal and external examiners. 2. The examination shall be out of a maximum of 100 marks. 3. The breakdown of the marks shall be: <ol style="list-style-type: none"> a. Project work presentation: 70 marks b. Question and answer session: 30 marks c. The total marks scored will be out of 100

	<p>Final Marks:</p> <p>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.</p>																																							
240MT6.0	Computation of SGPA and CGPA																																							
240MT6.1	<p>(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.</p> <p>(ii) The grading system with the letter grades and the assigned range of marks under the absolute grading system are as given below:</p> <table border="1" data-bbox="375 745 1385 997"> <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> <p>(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).</p> <p>(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.</p>	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
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240MT6.2	<p>Grade Point Averages:</p> <p>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,</p> $SGPA = \frac{\sum[\text{Course Credits} \times \text{Grade Points}] \text{ for all the Courses in that Semester}}{\sum[\text{Course Credits}] \text{ for all the Courses in that Semester}}$																																							



	$CGPA = \frac{\sum[\text{Course Credits} \times \text{Grade Points}] \text{ for all Courses excluding those with F and transitional grades until that Semester}}{\sum[\text{Course Credits}] \text{ for all Courses excluding those with F grades until that semester}}$
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	<p>Conversions of Grades into Percentage and Class Equivalence</p> <p>Conversions of CGPA into Percentage of Marks and Class Equivalence</p> <p>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;</p> <p style="padding-left: 40px;">Percentage of marks secured, $M = CGPA \text{ Earned} \times 10$</p> <p style="padding-left: 40px;">Illustration for a CGPA of 8.20;</p> <p style="padding-left: 40px;">Percentage of marks secured $M = 8.20 \times 10$</p> <p style="padding-left: 80px;">$= 82.0 \%$</p>
240MT7.1	<p>Class Equivalence:</p> <p>After the conversion of final CGPA into the percentage of marks (P), a graduating student is reckoned to have passed in</p> <ol style="list-style-type: none"> 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	<p>Continuous Internal Evaluation</p> <p>For each theory and practical paper, the CIE marks shall be 50.</p> <p>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.</p> <p>[To be read along with 240MT8.8]</p>
200MT8.2	<p>CIE Marks shall be based on</p> <ol style="list-style-type: none"> 1. Two Unit Tests each of 25 Marks 2. Two assignments each of 25 Marks or one Skill Development Activity of 50 marks <p>to attain the COs and POs</p> <p>The sum of two tests, two assignments/skill Development Activities, will be scaled down to 50 marks</p> <p>CIE methods /question paper is designed to attain the different levels of Bloom's taxonomy as per the outcome defined for the course.</p>



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	<ul style="list-style-type: none"> 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	<p>Registration and Enrolment:</p> <p>(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.</p> <p>(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.</p> <p>(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.</p>
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 1 semester of the program, the attendance shall be reckoned from the date of admission to the program.
240MT10.5	<p>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.</p> <p>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.</p> <p>240MT10.5a: Provided that the total number of credits registered for both regular and backlog subjects shall not exceed 28 credits.</p>
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	<p>Passing Standard: Refers to passing a Course only when getting a Grade Point (GP) greater than or equal to 5 (Grade letter C).</p> <ol style="list-style-type: none"> 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	<p>Promotion:</p> <p>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.</p> <ol style="list-style-type: none"> 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

	<p>courses that require fulfilling attendance and Continuous Internal Evaluation (CIE) requirements</p> <p>d) Each credit course shall be treated as a head of-passing.</p>
240MT11.3	The Mandatory non-credit courses (NCMC), 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	<p>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:</p> <p>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.</p> <p>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.</p>
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

	<p>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.</p> <p>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.</p>
240MT13.2	<p>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).</p> <p>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.</p>
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	<p>(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.</p> <p>(2) A student shall be eligible for a rank at the time of award of the degree of Master of Technology, provided the student</p> <p>(a) Is not a repeater in any semester</p> <p>(b) Has not rejected the results of any semester.</p> <p>(c) Has passed I to IV semester in all the courses in first attempt only</p> <p>(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.</p> <p>(4) For the award of ranks in a Specialization, a minimum of 10 students should have appeared in the IV semester examination.</p> <p>Illustration:</p> <p>(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.</p> <p>(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.</p> <p>(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</p>
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	<p>(a) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/ orders to address any difficulty.</p> <p>(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.</p>



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REGISTRAR
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BELAGAVI - 590 018.