MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Rajarajeswari College of Engineering

(An Autonomous Institution under VTU, Belagavi. Approved by AICTE, UGC & GOK)
#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

CSE, ECE, ISE



AUTONOMOUS REGULATIONS

M.Tech, MBA and MCA

2024-25

Vision

To provide an open opportunity to young generation for evolving their core competencies helping them to build their career as Global professionals to be an Autonomous Institution by achieving excellence in the field of higher education.

Mission

To consistently strive for Academic Excellence to become a leading Institution in the field of Engineering, Management and Research to produce competent and ethically sound manpower for the benefit of Industry, Society, Nation and the Global Environment.

M. Tech ACADEMIC REGULATIONS – 2024

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1. PREAMBLE TO REGULATIONS 2024:

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 2025-26

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:

1. 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/ v(national training/ viva/ seminars/ internships / assignments/ presentations/ self-study etc., or a combination of some of these.

2. Branch: Means Specialization or discipline of M. Tech. Degree Program, like Software Engineering, Power Electronics, Structures. Machine Design. etc.

3. 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.

4. Academic Year: Refers to the sessions of two consecutive semesters (odd followed by an even) including periods of vacation.

5. 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.

6. 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 / field work per week etc

7. Audit Courses: Means Knowledge/ Skill enhancing Courses without the benefit of a grade or credit for a Course.

8. 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.

9. 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. Credits for a seminar, project phases, project viva-voce, and internship shall be as specified in the Scheme of Teaching and Examination.

Lectures (L)	Tutorial (T)	Practical (P)	Credits
4	0	0	4
3	0	0	3
2	2	0	3
2	0	2	3
2	2	2	4
0	0	6	3

14 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.O]. The lubric attached to letter grades is as follows: O: Outstanding, A+: Excellent, A: Very Good, B+: Good, B: 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

15 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	Excellence	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

16 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 points secured by a student in various Courses ofa semester and the total Course credits taken during that semester, refer: 240MT6.0.

17 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.

18 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.

19 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 (2nd semester) and the entry option is provided to the students at the beginning of the odd (3rd semester.

24RRMT1.0	**Title, Duration, and Credits of the Program of Study**
24RRMT1.1	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).
24RRMT1.2	There shall be one category of Program: Full-time Program (FT),
24RRMT1.3	Full-time Program: The Program shall extend over a period of four semesters and each I semester shall have a 15-16 week (not less than 90 working days) duration.
24RRMT1.4	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)
24RRMT1.5	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.
24RRMT1.6	Prescribed Number of Credits for the Program: The number Of credits to be completed for the award Of the degree shall be BO.
24RRMT1.7	Definition of Credits: 01 -hour Lecture (L) per week per semester = I Credit

	02 hours of Tutorial (T) per week per semester —1 Credit 02 hours of Practical/Laboratory/Drawing (P) per week per semester Credit. **Note:** 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. One Credit Courses are designed for a 15-20 hours Teaching — Learning process.
24RRMT1.8	The Calendar of events in respect of the Program shall be notified by the Institution in advance.
24RRMT2.0	**Eligibility for Admission (As per the Government orders issued from time to time)**
24RRMT2.1	Admission to I year/l 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. For foreign degrees, an Equivalence certificate from the of Indian Universities shall be a must. 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.
24RRMT2.2	AMIE in respective branches shall be equivalent to B.E./ B. Tech. Programs of VTU for admission to M. Tech. (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 for admission to M. Tech. programs subject to the notification/approval from the Government of Karnataka and AICTE New Delhi)

24RRMT2.3	Admission to M. Tech. Program shall be open to the candidates (as per 24RRMT2.1 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).
24RRMT2.4	**For admissions under the GATE/ PGCET qualification and Roaster system of the Government of Karnataka**: 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. **For admissions under Management Quota:** 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. 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. **For admissions under Sponsored Quota:** 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/any other University on approval by the Government of Karnataka.
24RRMT2.5	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. 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.
24RRMT2.6	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.
24RRMT2.7	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.
24RRMT2.8	Subject to the provisions of 24RRMT2.1 and 24RRMT2.2, 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. 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.
24RRMT2.9	Subject to the provisions of 24RRMT2.1 and 24RRMT2.2, 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. Candidates sponsored by organizations of State and central governments shall be given preference for admission under 24RRMT2.8 and 2.9.
24RRMT2.10	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.
24RRMT2.11	**Admission to vacant seats:** Unfilled seats shall be filled as per the guidelines issued /notified by the government of Karnataka from time to time. (OR) 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.
24RRMT3.0	**Course Categories**
24RRMT3.1	The curriculum of the Program shall be any combination of the following types of course categories: 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(lPCC):** 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-proiect 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 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. i) Multinational Corporations (MNCs): Large companies in sectors like IT, finance, engineering, pharmaceuticals, etc., often offer structured internship programs ii) Startups: Smaller companies provide a dynamic work environment where interns can get hands-on experience with various roles and responsibilities- iii) Small and Medium Enterprises (SMEs): Working in SMEs offers interns a close look at business operations and a chance to take on multiple roles. iv) Government Agencies: Students can intern at government departments, public sector undertakings (PSUs), or regulatory bodies to understand how government policies and projects are executed v) 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. vi) 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. 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 Internship can be taken for a specified period mentioned in the Scheme of Teaching and Examination. **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.
24RRMT3.2	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. 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.
24RRMT3.3	**Course Load:** 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.
24RRMT4.0	Internship The student shall undergo an Internship as per the Scheme of

	Teaching and Examination
24RRMT4.1	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 24RRMT3.1.10. 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. 4. The Internship shall be completed during the period specified in the Scheme of Teaching and Examination. 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. 6. There will 100 marks for CIE (Seminar: 40, Internship report: 60) and 100 marks for Viva - Voce conducted during SEE. 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 - conducted during SEE. 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. 9. i) In case the external Guide is not available or expresses his inability to conduct viva voce, the Chief Superintendent shall have 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).

	ii) In case the external Guide accepts to conduct an 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. 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.
24RRMT4.2	**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.
24RRMT5.0	**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 their coursework and is aimed at demonstrating the student's ability to conduct independent research, develop innovative solutions, and present their findings professionally.
24RRMT5.1	**Project Work**: The project is one of the heads of passing. Project work shall preferably be on an individual basis. The candidate shall submit a soft copy (CD) of the dissertation work to the Controller of Examinations. The CD should contain the entire Dissertation in monolithic form as a PDF file (not separate chapters). 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 HoD shall submit a panel of four approved Examiners for evaluation of the dissertation.
24RRMT5.2	Plagiarism Check 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%. If the check indicates a plagiarism index greater than 10% i) for the first time. the candidate has to resubmit the dissertation, to the Controller of Examinations along with the penal fees of Rs.2000/- (Rupees Two thousand only) in person. ii) 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. iii) 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 24RRMT1.5.
24RRMT5.3	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 Institution. The evaluation of the dissertation shall be made independently by each examiner.
24RRMT5.4	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.
24RRMT5.5	The examiners shall independently submit the marks through the specified link.
24RRMT5.6	The average of the marks awarded by the two Examiners shall be the final evaluation marks for the Dissertation.
24RRMT5.7	(a) Viva-voce examination of the candidate shall be conducted as per 24RRMT5.9 if the, dissertation work and the reports are accepted by the external examiner (first). (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. 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. c) Resubmitted Dissertation incorporating the modifications / suggestions of the external examiner (first) and satisfying provision 24RRMT5.2 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 24RRMT5.9. (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 Institution. 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 240MT5.9. 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 24RRMT1.5. In such cases of rejection, the candidate shall redo the entire procedure starting from the submission of the Dissertation in soft copy. (e) In case of rejection of the Dissertation, with reasons, by the external examiner (first) las per 24RRMT5.6 the same Will be sent to a Second Examiner (external) [not necessarily the same examiner considered under 24RRMT3.8 approved by the Institution. 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 24RRMT5.9. 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 time dissertation subject to provisions of 24RRMTI.5. In such cases of rejection, the candidate shall redo the entire procedure starting from the submission of the Dissertation in soft copy.
24RRMT5.8	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
24RRMT5.9	Viva-Voce examination of the candidate shall be conducted by the external examiner and internal examiner/ guide. Internal examiner as per the direction of the Institution 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 Controller of Examinations. In case one of the examiners expresses his/her inability to attend the viva-voce, the COE shall appoint a substitute examiner in his/her place.
24RRMT5.10	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.
24RRMT5.11	The marks awarded by both Examiners at the viva-voce Examination shall be sent jointly to the University immediately after the examination.
24RRMT5.12	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.
24RRMT5.13	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.
24RRMT5.14	**Project work's report evaluation and Viva-Voce Examination:** 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. **Evaluation Process:** 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. **Viva-Voce Examination:** 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: a. Project work presentation: 70 marks b. Question and answer session: 30 marks c. The total marks scored will be out of 100 **Final Marks:** The final marks for the SEE for Project Phase 11 or only Project work shall be the sum of the marks obtained from the Project work evaluation (Dissertation) and the viva-voce examination
24RRMT6.0	**Computation of SGPA and CGPA**
24RRMT6.1	(i) The Institution 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><tr><td>Letter Grade</td><td>O Outstanding</td><td>A+ Excellence</td><td>A Very Good</td><td>B+ Good</td><td>B Average</td><td>C Pass</td><td>F fail</td></tr><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></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 SEF,, 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.
24RRMT6.2	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.
24RRMT6.3	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:
24RRMT7.0	**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 = CGPA Earned x 10 Illustration for a CGPA of 8.20; Percentage Of marks secured M = 8.20* 10 = 82.0 %
24RRMT7.1	**Class Equivalence:** After the conversion of final CGPA into the percentage of marks student is reckoned to have passed in 1. First Class with Distinction (FCD) if P >= 70% 2. First Class (FC) if P>=60 but < 70% 3. Second Class if P< 60 but >=50%
24RRMT8.0	**Continuous Internal Evaluation and Semester End Evaluation**
24RRMT8.1	**Continuous Internal Evaluation (CIE)** For each theory and practical paper, the CIE marks shall be 50. For Mini-project with Seminar, Project Phase -l. and Societal Project the CIE marks shall be 100. Project Phase-ll both CIE and SEE are 100 marks each.
24RRMT8.2	CIE Marks shall be based on 1. Three Internal Assessment Tests each of 50 Marks and maximum marks scale down to 40 marks. 2. Two assignments each of 10 Marks or one Skill Development Activity of 10 marks to attain the COs and POs. The sum of Internal Assessment tests, two assignments/skill Development Activities, will be 50 marks.
24RRMT8.3	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 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.
24RRMT8.4	The candidates shall write the Tests in Blue Book/s. The Blue book/s and other documents relating to award of CIE marks under 24RRMT8.2 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 COE.
24RRMT8.5	Every page of the CIE marks list shall bear the signatures of the concerned Teacher. the Head of the Department, and the Principal.
24RRMT8.6	The CIE marks list shall displayed on the Notice Board and corrections, if any, shall be incorporated before submitting to the University.
24RRMT8.7	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.
24RRMT8.8	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 24RRMT1.5.
24RRMT8.9	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.
24RRMT9.0	**Eligibility for Passing and Award of Degree**
24RRMT9.1	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 Chan or equal to 5.00, With none of the courses remaining with an F grade
24RRMT9.2	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 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.
24RRMT9.3	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.
24RRMT9.4	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.
24RRMT9.5	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.
24RRMT9.6	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.

24RRMT9.7	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.
24RRMT9.8	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.
24RRMT10.0	**Attendance Requirement**
24RRMT10.1	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
24RRMT10.2	Courses of each semester shall be treated as a separate unit for calculation of the : attendance.
24RRMT10.3	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.
24RRMT10.4	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.
24RRMT10.5	A candidate who does not meet the attendance requirement (in one or more courses) as specified in clause 24RRMTl0.3 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 24RRMT11.2. The candidate shall be permitted to register for the courses with an attendance shortage when they are next offered. 24RRMTI0.5a: Provided that the total number of credits registered for both regular and backlog subjects shall not exceed 28 credits.
24RRMT10.6	Principals of the concerned colleges shall notify regularly, the list Of candidates Who fall short of attendance.
24RRMT10.7	The list of the candidates falling short of attendance shall be given to the Dean-Academics at least one week prior to the commencement of the examinations.
24RRMT11.0	**Promotion and Eligibility(Vertical Progression)**
24RRMT11.1	Passing Standard: Refers to passing a Course only when getting a Grade Point (GP) greater than or equal to 5 (Grade letter C). a) 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). b. 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 SEF,, 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. c. 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. d. Each appearance to SEE or absence after completing CIE and attendance requirements to complete a course shall be treated as an attempt .
24RRMT11.2	**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. a) 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. b) 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 of the maximum marks in the Continuous Internal Evaluation (CIE) to qualify for the Semester End Examination (SEE). c) 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.
24RRMT11.3	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

24RRMT11.4	Passing ONLINE courses is mandatory for the award ofa 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
24RRMT12.0	**Temporary Discontinuation/Break in the Program**
24RRMT12.1	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 24RRMT1.5. 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.
24RRMT12.2	**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 (3rd semester). However, the students who pass all their registered courses of the 1st and 2Mi 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 (3nf semester) subjected to the maximum duration of the course. He/she has to complete 06 weeks of Internship before admitting to 3rd semester.
24RRMT13.0	**Award of Prizes, Medals and Ranks**
24RRMT13.1	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.
24RRMT13.2	(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 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
24RRMT13.3	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.
24RRMT14.0	**Applicability and Power to Modify**
24RRMT14.1	The regulations governing the Degree of Master of Technology of Visvesvaraya Technological University shall be binding on all concerned.
24RRMT14.2	(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.

MBA ACADEMIC REGULATIONS - 2024

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PREAMBLE TO ACADEMIC REGULATIONS 2024:

The Master of Business Administration (MBA) program at Visvesvaraya Technological University (VTU) aims to nurture future leaders equipped with comprehensive management knowledge, professional competencies, and ethical values. Designed to address the evolving needs of the global business environment, this program emphasizes academic rigor, practical application, and an interdisciplinary approach to learning.

The regulations outlined herein ensure academic integrity, quality assurance, and the holistic development of students, enabling them to contribute meaningfully to society and industry. These regulations also align with the Education Policy and incorporate innovative teaching-learning methodologies, flexible learning paths, and opportunities for skill enhancement. NOW, THEREFORE, the Visvesvaraya Technological University hereby establishes the following regulations for the MBA program, effective from 2024-25.

DEFINITIONS OF KEYWORDS

The following are the definitions/descriptions that have been followed for the different terms used in the Regulations of the MBA Programme:

1. **Programme:** This is an educational program in Masters of Business Administration (MBA) leading to the award of a Degree. It involves events/activities, comprising lectures/tutorials/laboratory work/ field work, outreach activities/project work/vocational training/viva/seminars/ Internships/ assignments/ presentations/ self-study/societal projects/online certificate courses etc., or a combination of some of these.
2. **Branch:** Means Specialization or discipline
3. **Semester:** Refers to one of the two sessions of an academic year (vide: serial number 4), each session being of fifteen - sixteen weeks' duration (with working days greater than or equal to ninety). The odd semester may be scheduled from August and even semester from February of each year.
4. **Academic Year**: Refers to the sessions of two consecutive semesters (odd followed by an even) including periods of vacation.
5. **Course:** Refers to subjects/papers of a programme. 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 with vocational training/seminar/term papers/assignments/ presentations/ self-study etc., or a combination of some of these.

6. **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.
7. **Audit Courses**: Means Knowledge/ Skill enhancing uses without the benefit of a grade or credit for a Course.
8. **Choice Based Credit System (CBCS):** Refers to customizing the Course work, Core, Elective and soft skill Courses, to provide the necessary support for the students to achieve their goals.
9. **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 proper record.

10. Course Evaluation: Means Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) which shall constitute the major evaluations prescribed for each Course. CIE and SEE shall carry 50 % each, to enable each Course to be evaluated for 100 marks, irrespective of its Credits.

11. Continuous Internal Evaluation (CIE): Refers to the evaluation of students' achievement in the learning process. CIE shall be done by the Course Instructor and includes tests, homework, problem solving, group discussion, quiz, mini- project and seminar throughout the Semester, With weightage for the different components being fixed at the University level.

12. Semester End Examinations (SEE) to examinations 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. SEE is also termed a university examination.

13. 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 first attempt.

14. Credit Based System (CBS): Refers to quantification of the Course work, after a student

completes teaching-learning process, followed by passing in both CIE and SEE. Under CBCS, the requirement for awarding a degree is prescribed in terms Of the total number Of credits to be earned by the students.

15. Credit Representation: Refers to Credit Values for different academic activities considered, as per the Table 1. Credits for seminars, project phases, project viva— voce, and internship shall be as specified in the Scheme of Teaching and Examination.

Lectures (L)	**Tutorial (T)**	**Practical (p)**	**Total Credit**
4	0	0	4
3	0	0	3
2	2	0	3
2	0	2	3
2	2	2	4
0	0	6	3

16 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.O]. The rubric attached to letter grades is as follows: O: Outstanding, A+: Excellent, A: Very Good, B+: Good, B: 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

17. 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	Excellence	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

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 points secured by a student in various Courses ofa 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.

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 and the entry option is provided to the students at the beginning of the odd (3rd sem).

24RRMB1.0	Title, Duration, and Credits of the Program of Study
24RRMB1.1	Title: The Program shall be called Master of Business Administration /Master of Business Administration (Subject of Specialization) abbreviated as MBA (Subject of Specialization). Example: MBA(Digital Marketing) etc
24RRMB1.2	Minimum Duration: The program shall be a full-time program for a period Of two academic years duration divided into four semesters, and each semester shall be Of 15-16 weeks in duration (minimum of 90 working days).
24RRMB1.3	Maximum Duration for Programme Completion: A candidate shall be allowed a maximum duration of 4 years from the first semester of admission to become eligible for the award of the Degree, failing which he/she may discontinue the program or register once again as a fresh candidate to I semester.
24RRMB1.4	Credits: To be eligible for the award Of the degree, students must earn 100 credits by completing all courses in the MBA program.
24RRMT1.5	Definition of Credits: 01 -hour Lecture (L) per week per semester = I Credit 02 hours of Tutorial (T) per week per semester —1 Credit 02 hours of Practical/Laboratory/Drawing (P) per week per semester Credit. **Note:** 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.

24RRMB1.6	Academic Calendar: The Calendar of events in respect of the Program shall be notified by the University in advance.
24RRMB2.0	Eligibility for Admission
24RRMB2.1	Admission to the MBA programme will be open to candidates who have completed a recognized bachelor's degree Of at least three years in duration or an equivalent examination, with a minimum aggregate of 50% marks across all subjects, including languages, throughout the degree. For SC, ST, and Category-I candidates from Karnataka, the minimum aggregate required is 45%. (Reservation benefits apply only to Karnataka candidates). Note: Rounding Off aggregate percent is not permitted
24RRMB2.2	**For admissions under the PGCET qualification and Roaster system of the Government of Karnataka:** There shall be an Entrance Examination (PGCET) for admission to the MBA program. A candidate seeking admission to MBA Programme offered in any of the Engineering Colleges affiliated to VTU shall appear for this Examination. For admission under the Government quota, ranks obtained in the PGCET entrance examination, conducted by the Karnataka Examination Authority (KEA), shall be considered. For admissions under Management Quota: The candidates should have appeared for the Entrance Examination conducted by KEA (PGCET)/Karnataka Management Aptitude Test (KMAT) or appeared and qualified under any approved entrance examination conducted by the authority recognized by the Government of Karnataka/ VTU any other University of Karnataka state. The intake under various categories (regular, SC/ST and category l) shall be as sanctioned by the AICTE, State Government and VTU, from time to time.
24RRMB2.3	i) The candidates from universities other than the Universities of Karnataka shall have to obtain an Eligibility Certificate from the VTU to seek admission to the MBA program in any of the college affiliated to VTU. ii) Candidates from foreign countries shall have to obtain an Eligibility

	Certificate from the VTU to seek admission to the MBA program in any of the colleges affiliated to VTU. Further, they have to produce an equivalence certificate from the Association of Indian Universities (AIU), New Delhi.
24RRMB2.4	**Admission to vacant seats:** Seats remaining vacant (unfilled), after the completion of the PG admission process by the Karnataka Examination Authority (KEA), shall be filled by the Institution by inviting applications through Press notification. The seats shall be filled by Candidates preferably who have a PGCET score. 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.
24RRMB2.5	A Faculty/ Employee working on Full Time basis in an Institution/ Organization and pursuing/pursuing any Full Time Course for the same duration as that Of Regular Shift shall be considered ineligible for the purpose of employment/ higher studies.
24RRMB3.0	**Course Categories:** The curriculum of the Program shall be any combination of the following types of course categories: 1. **Professional Core Courses (PC)**: 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 program requirements in a said discipline of study. 2. **Professional Electives Courses (PE):** Relevant to the chosen specialization: these courses can be chosen from the pool of papers. It shall be supportive of the discipline/ providing extended scope/enabling exposure to Some other discipline / domain / nurturing student skills. **3. Open Electives Courses (OEC):** from other technical and/ or Open Electives Courses (OE) emerging specialization areas. **4. Project Work:** Project work is a mandatory component of the curriculum. designed to bridge academic learning with practical business applications. It allows students to apply theoretical concepts, develop critical skills, and gain

	insights into industry practices/organization. **5. Seminar:** An MBA seminar is a platform for students to explore, present. and discuss contemporary topics in business and management. It enhances communication, research, and critical thinking skills, while fostering peer learning and academic discussion. **6. Audit Courses (AC)/ Skill Enhancement Course (SEC):** The Audit course can be any non-credit course offered by the program to which the Candidate is admitted (other than the courses considered for completing the prescribed program credits). Audit course/s are non-credit courses opted by students for self — enrichment. Though, the CIE and SEE are not required, the attendance to be compulsorily satisfied, for th?. audit course/s to find a place in the grade card without the mention of letter grade and credit. **7. Professional training/ Internship:** Preferably at an industry/R and D Organization/lT company/ Government Organization / Business Organization of significant repute for a specified period mentioned in Scheme of Teaching and Examination. **8. Practical or Laboratory session**: (MBA digital Marketing): Practical sessions in digital marketing for MBA students are essential to build hands-on skills and bridge the gap between theoretical knowledge and real-world application. These sessions typically focus on using digital tools, platforms, and strategies to execute and measure marketing campaigns effectively. These sessions will empower MBA students to excel in the fast-paced digital marketing landscape, preparing them for industry roles or entrepreneurial ventures.
24RRMB3.1	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.

24RRMB3.2	Students shall be allowed to choose the elective/s, depending on their career plans, and there shall not be any restriction as regards the minimum number of students to be registered for an elective course.
24RRMB3.3	**Course Load:** 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.
24RRMB4.0	Internship: Internship is a vital part of the curriculum, designed to provide students with practical exposure to business operations and management practices. It bridges the gap between academic learning and professional experience, enabling students to apply theoretical knowledge in real-world scenarios.
24RRMB4.1	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 24RRMB3.1.10. 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. 4. The Internship shall be completed during the period specified in the Scheme of Teaching and Examination. 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. 6. There will be 50 marks for CIE (Seminar: 25, Internship/ Organization study report: 25) and 50 marks for Viva — Voce conducted during SEE.

	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. 8. The external guide will be from the industry/ faculty from the other PG centers of VTU as an examiner for the viva voce of Internship. The affiliated institutions can have an external guide from the industry/ faculty from other VTU affiliated institutions/ VTU PG Centres. 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. Remuneration as per existing rules and as amended from time to time shall be paid to the examiners by the concerned institute. 9. 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 reference, 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. 10. The students are permitted to carry out the internship anywhere in India or abroad. The University will not provide any kind Of Financial Assistance to any student for an internship.
24RRMB4.2	Failing to undergo Internship: Internship is one of the heads of passing. Completion of the Internship is mandatory. If any student fails to undergo/complete the Internship. he/she shall be considered as a failure in that Course and the prescribed credits shall not be awarded in that Course. The student, however, can submit the project dissertation and appear for viva voce. The student shall be eligible for the internship credits only after satisfying the conditions prescribed for the same during the subsequent academic year. The reappearance shall be considered as an attempt.

24RRMB5.0	**Project Work**
24RRMB5.1	**Project work and Dissertation**: Each candidate shall carry out the mandatory project work independently as per Scheme of Teaching and Examinations under the guidance Of one of the faculty members of the Department in the Institution of study. If the project is of an inter- disciplinary nature, a co-guide shall be taken from the other concerned department.
24RRMB5.2	The topic and title of the dissertation shall be chosen by the candidate in consultation with the guide and co-guide, if any. during the Ill Semester itself. The subject and topic of the dissertation shall be from the major field of study of the candidate. Modification of only the title but not the field of work may be permitted at the time of the final submission of the dissertation report during the IV semester. If the dissertation has to be carried out in any industry/R&D labs/business Organizations, outside the campus, permission shall be taken from the Principal to that effect. The Principal shall submit a list showing the name of the student, University Seat Number, title of the project, name/s of the guide/co- guide at the time Of submission of the project report to the University
24RRMB5.3	The project work is one of the heads Of passing. 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). 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.
24RRMB5.4	Plagiarism Check 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%. If the check indicates a plagiarism index greater than 10%

	i) for the first time. the candidate has to resubmit the dissertation, to the Controller of Examinations along with the penal fees of Rs. 2000/- (Rupees Two thousand only) in person. ii) 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. iii) 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 24RRMB1.5.
24RRMB5.5	The dissertation will be emailed to two examiners for review: one internal examiner (guide/co-guide) and one external examiner designated by the University. The evaluation process will be conducted independently by each examiner.
24RRMB5.6	Examiners shall evaluate dissertation normally within not more than two weeks from the date of receipt of dissertation through email. The examiners shall independently submit the marks through the specified link. The average Of the marks awarded by the two Examiners shall be the final evaluation marks for the Dissertation.
24RRMB5.7	a) Viva-Voce examination of the candidate shall be conducted as per 20RRMB5.9, if the dissertation work and the reports are accepted by the external examiner (first). 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. c) The external examiner (first) can modifications/suggestions to the dissertation or reject the dissertation. The examiner shall offer suggestions for improvement of the dissertation for resubmission or list the reasons for rejection of the dissertation. d) The resubmitted incorporating Dissertation modifications/suggestions las per 20RRMB5.7 of the external examiner (first) and satisfying the provision

	20RRMB5.3 shall be sent again to the external examiner (first) for evaluation. If the dissertation and their port are accepted by the external examiner (first), Viva-voce examination of the candidate shall be conducted as per 20RRMB5.10 e) In case of rejection of 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 20RRMB5.9. 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 20RRMB1.3. In such cases of rejection. the candidate shall do the entire procedure starting from the submission of Dissertation in soft copy. f) In case of rejection of Dissertation, with reasons, by the external examiner (first), the same will be sent to a Second Examiner (external) [not necessarily the same examiner considered under: 20RRMB5.7 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 20RRMB5.9. 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 200MB1.3. In such cases of rejection, the candidate shall redo the entire procedure starting from the submission of Dissertation in soft copy.
24RRMB5.8	The candidate, whose Dissertation is rejected, can rework on the same topic or choose another topic of the dissertation under the same Guide or new Guide if necessary. In such an event, the report shall be submitted within four years from the date of admission to the Programme.

24RRMB5.9	Viva-Voce examination of the candidate shall be conducted by the external examiner and internal examiner/ guide. Internal examiner as per the direction of the Institution shall have to arrive at a mutually convenient date for the conduct of a viva-voce examination of the concerned candidate with an intimation to the COE. In case one of the examiners expresses his/her inability to attend the viva voce, the COE shall appoint a substitute examiner in his/her place. The university shall ensure that the viva voce is conducted before the commencement of the fourth semester SEE.
24RRMB5.10	The relative weights for the evaluation of the dissertation and the performance at the viva voce shall be as per the scheme of teaching & examination. The marks awarded by both the Examiners at the viva voce Examination shall be sent jointly to the University immediately after the examination
24RRMB5.11	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.
24RRMB5.12	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.
24RRMB6.0	**Computation of SGPA and CGPA**
24RRMB6.1	(i) The Institution 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><tr><td>Letter Grade</td><td>O Outstanding</td><td>A+ Excellence</td><td>A Very Good</td><td>B+ Good</td><td>B Average</td><td>C Pass</td><td>F fail</td></tr><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></table> **Passing Standards**: Refers to passing a Course only when getting GP greater than or **equal to 5** (Grade letter C) The minimum mark to score for CIE is 50% of the maximum marks of CIF,, and the minimum passing mark for SEE is 40% of the maximum marks of SEE. In aggregate, the students have to secure total marks of the course (CIE+SEE marks).
24RRMB6.2	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.
24RRMB6.3	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.
24RRMB7.0	**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 = CGPA Earned x 10 Percentage Of marks secured M = 8.20* 10 = 82.0 %
24RRMB7.1	**Class Equivalence:** After the conversion of final CGPA into the percentage of marks student is

	reckoned to have passed in 1. First Class with Distinction (FCD) if P >= 70% 2. First Class (FC) if P>=60 but < 70% 3. Second Class if P< 60 but >=50%
24RRMB8.0	**Continuous Internal Evaluation and Semester End Evaluation**
24RRMB8.1	**Continuous Internal Evaluation (CIE):** For a pass in all the courses, 50% of the maximum marks in CIE must be scored to be eligible to appear for the semester-end examination of the particular course.
24RRMB8.2	CIE Marks shall be based on 1. Three Internal Assessment Tests each of 50 Marks and maximum marks scale down to 40 marks. 2. Two assignments each of 10 Marks or one Skill Development Activity of 10 marks to attain the COs and POs. The sum of Internal Assessment tests, two assignments/skill Development Activities, will be 50 marks.
24RRMB8.3	The candidates shall write the Tests in Blue Book/s. The Blue book/s and other documents relating to the award of CIE marks under 240MB8.2 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 COE. i) Every page of the CIE marks list shall bear the signatures of the concerned Teacher, Head of the Department and the Principal. ii) The CIE marks list shall be displayed on the Notice Board and corrections, if any, shall be incorporated before submitting to the University. iii) The CIÉ 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. iv) Candidates obtaining less than 50% of the CIE marks in any course

	(Theory/ internship /Project) shall not be eligible to appear for the SEE that course/s. In such cases, the Head of the Department shall arrange for the improvement of CIE marks in the course when offered in the subsequent semester subject to the provision of 24RRMB1.3.
24RRMB8.4	**Semester End Evaluation (SEE):** There shall be a university examination at the end of each semester. The Registrar (Evaluation) will announce the common time table well in advance. **Setting Theory Question Papers and Evaluation**: Question papers in theory courses shall be set by the Examiners appointed by the Institution. To qualify in the SEE the score should be 40% of the maximum marks of the SEE Of the course.
24RRMB8.5	The candidate must meet the attendance and Continuous Internal Evaluation requirements for a course/s to be eligible to appear for the Semester End Examination (SEE) of that course/s.
24RRMB9.0	**Attendance Requirement**
24RRMB9.1	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 shall have the Candidate details, course name, and code, number Of credits, and category (core/elective/audit) 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.
24RRMB9.2	Courses of each semester shall be treated as a separate unit for calculation of the attendance.
24RRMB9.3	The candidate has to put in a minimum attendance of 85 % in each course

	with a provision to condone 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.
24RRMB9.4	Principals of the concerned colleges shall notify regularly. the list of candidates who fall short of attendance.
24RRMB9.5	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.
24RRMB9.6	In case of late admission, approved by a competent authority (Karnataka Examination Authority/VTU), to I semester of the program the attendance shall be reckoned from the date of admission to the program.
24RRMB9.7	A candidate who does not meet the attendance requirement (in one or more courses) shall not be eligible to appear for the SEE of that course/s. However, the candidate is permitted to appear for the SEE of the other courses in which he/she satisfies the attendance requirement.
24RRMB10.0	**Eligibility for Passing and Award of Degree**
24RRMB10.1	1. A student who obtains any grade O to C shall be considered as pass in any course and if a student secures an F grade in any of the head/s of passing, he/she has to reappear in that head for the SEE. 2. A student shall be declared successful at the end of the Program for the award of a Degree only on obtaining CGPA 5.00, with none of the Courses remaining with an F Grade.
24RRMB10.2	For a pass in a course, the student shall secure a minimum of 40 % of the maximum marks prescribed in the Semester End Examination, 50 % of marks in CIE, and 50 % in the aggregate of CIE and SEE marks. The Minimum

	Passing Grade in a course is **C**
24RRMB10.3	For a pass in the Internship/ Project/Dissertation/Viva-voce examination, a student shall secure a minimum of 40 % of the maximum marks prescribed for the SEE in Internship/Project/ Dissertation /Viva- Voce.
24RRMB10.4	IV semester 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 student completes all the backlog courses and becomes eligible for the award of the degree
24RRMB11.0	**Rejection Of the Result**
24RRMB11.1	A candidate may at his/her desire reject his/her latest semester, except the IV semester, results of the university examination in respect to all courses of that semester. Rejection shall be permitted only once during the entire Programme. The CIE marks of the rejected semester shall remain the same. Rejection Of results Of the University examination including CIE marks is not permitted.
24RRMB11.2	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 an even semester, the candidate cannot be admitted to the next Odd semester. 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.
24RRMB11.3	A candidate with a history of 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.
24RRMB11.4	Eligibility for Award of Degree: A student shall be declared to have completed the degree of MBA, 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.

24RRMB12.0	Promotion and Eligibility (Vertical progression)
24RRMB12.1	Passing Standard: Refers to passing a Course only when getting a Grade Point (GP) greater than or equal to 5 (Grade letter C). a. 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). b. 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. c. 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. d. Each appearance to SEE or absence after completing CIE and attendance requirements to complete a course shall be treated as an attempt
24RRMB12.2	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.
24RRMB12.3	a. 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. b. 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). c. 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
24RRMB12.4	The Mandatory non—credit courses/Bridge courses, 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.
24RRMB12.5	**Temporary Discontinuation/Break in the Program** a) If a candidate, for any reason, temporarily discontinues the Programme or takes a break from programme during any semester, he/she may be permitted to continue programme by registering to the same semester of the prevailing scheme. The Candidate shall complete all the remaining course work subject to the provision 20RRMB1.3. 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. However, based on the individual cases, it is considered to decide the SGPA and CGPA to admit the student for the award of degree. Such 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 Academics, on establishing equivalence between two schemes. A Grade card shall be issued to that effect. Additional

	considered for the eligibility criterion course/s shall not be 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.
24RRMB13.0	Award of Prizes, Medals and Ranks
24RRMB13.1	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 Institution for such awards.
24RRMB13.2	(1) For award of rank in a Specialization of Master of Business Administration, 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 MBA, 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 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 **Illustration:** (a) If 150 students appeared for the IV semester, the number of ranks to be declared 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
24RRMB13.3	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.
24RRMB14.0	Applicability and Power to Modify
24RRMB14.1	The regulations governing the Degree Of MBA of Visvesvaraya Technological University shall be binding on all concerned.
24RRMB14.2	(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

MCA ACADEMIC REGULATIONS – 2024

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PREAMBLE TO ACADEMIC REGULATIONS 2024:

The Master of Computer Applications (MCA) program at Visvesvaraya Technological University (VTU) aims to nurture future leaders equipped with comprehensive management knowledge, professional competencies, and ethical values. Designed to address the evolving needs of the global business environment, this program emphasizes academic rigor, practical application, and an interdisciplinary approach to learning.

The regulations outlined herein ensure academic integrity, quality assurance, and the holistic development of students, enabling them to contribute meaningfully to society and industry. These regulations also align with the Education Policy and incorporate innovative teaching-learning methodologies, flexible learning paths, and opportunities for skill enhancement. NOW, THEREFORE, the Visvesvaraya Technological University hereby establishes the following regulations for the MBA program, effective from 2024-25.

DEFINITIONS OF KEYWORDS

The following are the definitions/descriptions that have been followed for the different terms used in the Regulations of the MBA Programme:

1. **Programme:** This is an educational program in Masters of Computer Applications (MCA) leading to the award of a Degree. It involves events/activities, comprising lectures/tutorials/laboratory work/ field work, outreach activities/project work/vocational training/viva/seminars/ Internships/ assignments/ presentations/ self-study/societal projects/online certificate courses etc., or a combination of some of these.
2. **Branch:** Means Specialization or discipline
3. **Semester:** Refers to one of the two sessions of an academic year, each session being of 15- 16 weeks' duration (with working days greater than or equal to 90). The odd semester may be scheduled from August and even semester from February of each year.
4. **Academic Year**: Refers to the sessions of two consecutive semesters (odd followed by an even) including periods of vacation.
5. **Course:** Refers to subjects of a programme. 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 with

vocational training/seminar/term papers/assignments/ presentations/ self-study etc., or a combination of some of these.

6. **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.
7. **Audit Courses**: Means Knowledge/ Skill enhancing uses without the benefit of a grade or credit for a Course.
8. **Choice Based Credit System (CBCS):** Refers to customizing the Course work, Core, Elective and soft skill Courses, to provide the necessary support for the students to achieve their goals.
9. **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 proper record.

10. Course Evaluation: Means Continuous Internal Evaluation (CIE) and Semester End Examinations (SEE) which shall constitute the major evaluations prescribed for each Course. CIE and SEE shall carry 50 % each, to enable each Course to be evaluated for 100 marks, irrespective of its Credits.

11. Continuous Internal Evaluation (CIE): Refers to the evaluation of students' achievement in the learning process. CIE shall be done by the Course Instructor and includes tests, homework, problem solving, group discussion, quiz, mini- project and seminar throughout the Semester, With weightage for the different components being fixed at the University level.

12. Semester End Examinations (SEE) to examinations 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. SEE is also termed a university examination.

13. 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 first attempt.

14. Credit Based System (CBS): Refers to quantification of the Course work, after a student completes teaching-learning process, followed by passing in both CIE and SEE. Under CBCS, the requirement for awarding a degree is prescribed in terms Of the total number Of credits to be

earned by the students.

15. Credit Representation: Refers to Credit Values for different academic activities considered, as per the Table 1. Credits for seminars, project phases, project viva— voce, and internship shall be as specified in the Scheme of Teaching and Examination.

Lectures (L)	Tutorial (T)	Practical (P)	Total Credit
4	0	0	4
3	0	0	3
2	2	0	3
2	0	2	3
2	2	2	4
0	0	6	3

16 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.O]. The rubric attached to letter grades is as follows: O: Outstanding, A+: Excellent, A: Very Good, B+: Good, B: 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

17. 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	Excellence	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

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 points secured by a student in various Courses of a semester and the total Course credits taken during that semester.

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.

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. University: Visvesvaraya Technological University (VTU), Belagavi.

22. Institute: Rajarajeswari College of Engineering (RRCE).

24RRMC1.0	**Title, Duration, and Credits of the Program of Study**
24RRMC1.1	The Program shall be called Master of Computer Applications, abbreviated as MCA.
24RRMC1.2	Minimum Duration The Programme shall be a full-timeprogram extended over a period of two academic years duration divided into four semesters and each semester shall be 15- 16 weeks in duration (90 working days)
24RRMC1.3	A Faculty/ Employee working on Full Time basis in an Institution/ Organization and pursuing/pursuing any Full Time Course for the same duration as that of Regular Shift shall be considered ineligible for the purpose of employment/ higher studies.
24RRMC1.4	Maximum Duration for Programme Completion: A candidate shall be allowed a maximum duration of 4 years from the first semester of admission to become eligible for the award of the Degree, failing which he/she may discontinue the program or register once again as a fresh candidate to I semester.
24RRMC1.5	Credits: The number of credits to be completed for the award of degree shall be 80

24RRMC1.6	Definition of Credits: 01 -hour Lecture (L) per week per semester = I 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:** 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.
24RRMC1.7	**Academic Calendar**: The Calendar of events in respect of the Program shall be notified by the University in advance.
24RRMC2.0	**Eligibility for Admission (As per the Government orders issued from time to time)**
24RRMC2.1	Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree, OR Passed B.Sc./ B.com/B.A. with Mathematics at 10+2 level or at Graduation Level. Obtained at least marks (45% marks in case of candidates belonging to reserved category, applies to only Karnataka State Students) in the qualifying Examination.
24RRMC2.2	**For admissions under the PGCET qualification and Roaster system of the Government of Karnataka:** There shall be an Entrance Examination (PGCET) for admission to the MCA program. A candidate seeking admission to the MCA Programme offered in any of the Engineering Colleges affiliated with VTU shall for this Examination. For admission under the Government quota, ranks obtained in the PGCET entrance exam, conducted by the Karnataka Examination Authority (KEA), shall be considered.

	For admissions under Management Quota: The candidates should have appeared for the entrance Examination conducted by KEA (PGCET)/Karnataka Management Aptitude Test (KMAT) or appeared and qualified under any approved entrance examination conducted by the authority recognized by the Government of Karnataka/VTU/any other University of Karnataka state.
24RRMC2.3	i) The candidates from universities other than the Universities of Karnataka shall have to obtain an Eligibility Certificate from the VTU to seek admission to the MCA program in any of the colleges affiliated with VTU. ii) The candidates from foreign countries shall have to Obtain an Eligibility Certificate from the VTU to seek admission to the MCA program in any of the colleges affiliated with VTU. Further, they have to produce an equivalence certificate from the Association of Indian Universities (AIU).
24RRMC2.4	The intake under various categories shall be as sanctioned by the State Government, and VTU, from time to time.
24RRMC2.5	**Admission to vacant seats:** Guidelines to be followed as per the Notification issued by the Government of Karnataka from time to time for filling of the vacant seats. OR Seats remaining vacant (unfilled), after the completion of 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 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.
24RRMC3.0	**Course Categories:** The curriculum of the Program shall be any combination of the following types of course categories: 1. Professional Core Courses (PCC): Relevant to the chosen specialization/ branch. The course is to be compulsorily studied by a student and is mandatory to

	complete the requirements of a programme in a said discipline of study. **2. Professional Electives Courses (PEC):** Relevant to the chosen specialization: these courses can be chosen from the pool of papers. It shall be supportive of the discipline/ providing extended scope/enabling exposure to Some other discipline / domain / nurturing student skills. **3. Open Electives Courses (OEC):** from other technical and/ or Open Electives Courses (OE) emerging specialization areas. **4. Project Work:** Project work is a mandatory component of the curriculum. designed to bridge academic learning with practical business applications. It allows students to apply theoretical concepts, develop critical skills, and gain insights into industry practices/organization. **5. Seminar:** An MCA seminar is a platform for students to explore, present. and discuss contemporary topics in business and management. It enhances communication, research, and critical thinking skills, while fostering peer learning and academic discussion. **6. Audit Courses (AC):** The Audit course can be any non-credit course offered by the program to which the Candidate is admitted (other than the courses considered for completing the prescribed program credits). Audit course/s are non-credit courses opted by students for self-enrichment. Though, the CIE and SEE are not required, the attendance to be compulsorily satisfied, for the audit course/s to find a place in the grade card without the mention of letter grade and credit. **7. Professional training/ Internship:** Preferably at an industry/R and D Organization/lT company/ Government Organization / Business Organization of significant repute for a specified period mentioned in Scheme of Teaching and Examination. **8. 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. These courses are not counted for vertical progression, however, to qualify for the award of a degree the students have to pass these courses.
24RRMC3.1	A candidate shall exercise his/her option in respect of the electives and register for the same before the of the concerned semester. The candidate may 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.
24RRMC3.2	Students shall be allowed to choose the elective/s, depending on their career plans, and there shall not be any restriction as regards the minimum number of students to be registered for an elective course.
24RRMC3.3	**Course Load:** 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.
24RRMC4.0	**Internship:** Internship is a vital part of the curriculum, designed to provide students with practical exposure to business operations and management practices. It bridges the gap between academic learning and professional experience, enabling students to apply theoretical knowledge in real-world scenarios.
24RRMC4.1	1. The internship shall be carried out in any industry/ R&D Organization/ Business Organization/Research Institute/institute of national and international repute Business organization/ recognized national and international Professional Bodies, Societies, or Organizations. 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. 4. The Internship shall be completed during the period specified in the Scheme of

	Teaching and Examination. 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. 6. There shall be 100 marks for CIE (Presentation: 50 marks, Report: 50 marks) and shall be evaluated by the internal panel. 7. The students are permitted to carry out the internship anywhere in India or abroad. The University will not provide any kind of Financial Assistance toany Student for an internship.
24RRMC4.2	**Failing to undergo Internship**: Internship is one of the heads of passing. Completion of the Internship is mandatory. If any student fails to undergo/complete the Internship. he/she shall be considered as a failure in that Course and the prescribed credits shall not be awarded in that Course. The student, however, can submit the project dissertation and appear for viva voce. The student shall be eligible for the internship credits only after satisfying the conditions prescribed for the same during the subsequent academic year. The reappearance shall be considered as an attempt.
24RRMC5.0	**Seminar**
24RRMC5.1	**Seminar: Seminar is one of the heads of passing**. 1. Each candidate shall deliver a seminar as per the Scheme of Teaching and Examination on the topics chosen from the relevant fields for about 30 minutes. 2. The Head of the Department shall make arrangements for conducting seminars through concerned faculty members of the Department. The committee constituted for the purpose by the Head of the Department shall award the CIE marks for the seminar. The committee shall consist of three faculties from the Department and the senior most acting as the Chairman/Chairperson.
24RRMC6.0	**Project work**:
24RRMC6.1	1. Each candidate shall carry out the project work independently as per the Scheme of Teaching and Examinations under the guidance of one of the faculty

	members of the Department in the Institution of study. If the project is of an inter-disciplinary nature. a co-guide shall be taken from the other concerned department. 2. The topic and title of the dissertation shall chosen by the candidate in consultation with the guide and co-guide, if any, before the commencement of IV semester. 3. The subject and topic of the dissertation shall be from the major field Of study of the candidate. Modification of only the title but not the field of work may be permitted at the time of the final submission of the dissertation report during the fourth semester. 4. If the dissertation has to be carried out in any industry/R&D labs. outside the campus, permission shall be taken from the Principal to that effect. 5. The Principal, shall submit to the University a list showing the name of the student, University Seat Number, title of the project, name/s of the guide/co-guide, at the time of submission of project report to the University.
24RRMC6.2	Project is one of the head of passing. The candidate shall submit a soft copy (CD) of the dissertation work to the University. The CD shall contain the entire Dissertation in monolithic form as a PDF file (not separate chapters). 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
24RRMC6.3	Plagiarism Check 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%. If the check indicates a plagiarism index greater than 10% i) for the first time. the candidate has to resubmit the dissertation, to the Controller of Examinations along with the penal fees of Rs. 2000/- (Rupees Two thousand only) in person.

	ii) 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. iii) 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 again to the COE office.
24RRMC6.4	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.
24RRMC6.5	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.
24RRMC6.6	The examiners shall independently submit the marks through the specified link
24RRMC6.7	The average of the marks awarded by the two Examiners shall be the final evaluation marks for the Dissertation.
24RRMC6.8	1. Viva-voce examination of the candidate shall be conducted as per 24RRMC6.10, if the dissertation work and the reports are accepted by the external examiner (first). 2. 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. The external examiner (first) can recommend for modifications/suggestions of 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. 3. The resubmitted Dissertation incorporating the modifications/suggestions las per 24RRMC6.8 of the external examiner (first) and satisfying the provision 240MC6.3 shall be sent again to the external examiner (first) for evaluation. If the dissertation and the report are accepted by the external examiner (first), Viva-Voce examination of the candidate shall be conducted as per 24RRMC6.10

	4. 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 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 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 24RRMC1.4. In such cases of rejection. the candidate shall redo the entire procedure starting from the submission of Dissertation in soft copy. 5. In case of rejection of Dissertation, with reasons, 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 examination of the candidate shall be conducted as per 24RRMC6.10. 6. 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 24RRMC1.4. In such cases of rejection, the candidate shall redo the entire procedure starting from the submission of the Dissertation in soft copy.
24RRMC6.9	The candidate. whose Dissertation is rejected, can rework on the same topic or choose another topic of dissertation under the same Guide or new Guide if necessary. In such an event, the report shall be submitted subject to provisions of 240MC1.4.
24RRMC6.10	Viva-Voce examination of the candidate shall be conducted by the external examiner and internal examiner/ guide. Internal examiner as per the direction of the Institution shall have to arrive at a mutually convenient date for the conduct of a viva-voce examination of the concerned candidate with an intimation to the COE. In case one of the examiners expresses his/her inability to attend the viva voce, the COE shall appoint a

<table>
<tr><td></td><td>substitute examiner in his/her place. The university shall ensure that the viva voce is conducted before the commencement of the fourth semester SEE.</td></tr>
<tr><td>24RRMC6.11</td><td>The relative weights for the evaluation of the dissertation and the performance at the viva voce shall be as per the scheme of teaching & examination.</td></tr>
<tr><td>24RRMC6.12</td><td>The marks awarded by both the Examiners at the viva voce Examination shall be sent jointly to the University immediately after the examination</td></tr>
<tr><td>24RRMC6.13</td><td>Examination fee 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 Registrar (Evaluation) from time to time.</td></tr>
<tr><td>24RRMC6.14</td><td>The candidates who fail to submit the dissertation work within the stipulated time have to submit the same at the time of next ensuing examination.</td></tr>
<tr><td>24RRMC7.0</td><td>Computation of SGPA and CGPA</td></tr>
<tr><td>24RRMC7.1</td><td>(i) The Institution 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>
<tr><td>Letter Grade</td><td>O</td><td>A+</td><td>A</td><td>B+</td><td>B</td><td>C</td><td>F</td></tr>
<tr><td></td><td>Outstanding</td><td>Excellence</td><td>Very Good</td><td>Good</td><td>Average</td><td>Pass</td><td>fail</td></tr>
<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>
</table>
Passing Standards: Refers to passing a Course only when getting GP greater than or equal to 5 (Grade letter C) The minimum mark to score for CIE is 50% of the maximum marks of CIF,, and the minimum passing mark for SEE is 40% of the maximum marks of SEE. In aggregate, the students have to secure total marks of the course (CIE+SEE marks).</td></tr>
</table>

24RRMC7.2	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.
24RRMC7.3	**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 the equations together facilitate the declaration of academic performance of a student, at the end of a semester and at the end of successive semesters respectively. (Annexure-l shows the sample calculation for SGPA & CGPA)
24RRMC7.4	**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.
24RRMC8.0	**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 = CGPA Earned x 10 Percentage Of marks secured M = 8.20* 10 = 82.0 %
24RRMC8.1	**Class Equivalence:** After the conversion of final CGPA into the percentage of marks student is reckoned to have passed in 1. First Class with Distinction (FCD) if P >= 70%

	2. First Class (FC) if P>=60 but < 70% 3. Second Class if P< 60 but >=50%
24RRMC9.0	**Continuous Internal Evaluation and Semester End Evaluation**
24RRMC9.1	**Continuous Internal Evaluation (CIE):** For a pass in all the courses, 50% of the maximum marks in CIE must be scored to be eligible to appear for the semester-end examination of the particular course.
24RRMC9.2	CIE Marks shall be based on 1. Three Internal Assessment Tests each of 50 Marks and maximum marks scale down to 40 marks. 2. Two assignments each of 10 Marks The sum of Internal Assessment tests, two assignments/skill Development Activities, will be 50 marks.
24RRMC9.3	The CIE marks in a theory course, shall be based on three tests covering the entire syllabus. 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
24RRMC9.4	The candidates shall write the Tests in Blue Book's. The Blue book/s and other documents relating to the award of CIE marks under 240MC9.2 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)
24RRMC9.5	Every page of the CIE marks list shall bear the signatures of the concerned Teacher, Head of the Department, and the Principal.
24RRMC9.6	The CIE marks list shall be displayed on the Notice Board and corrections, if any, shall be incorporated before submitting to the University.
24RRMC9.7	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 marks list to the University.
24RRMC9.8	Candidates obtaining less than 50% of the CIE marks in any course

	(Theory/Laboratory/lnternship/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 academic semester/year subject to the provision of 24RRMC1.4.
24RRMC9.9	Semester End Evaluation: 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 mark. The minimum pass.ng 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% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.
24RRMC10.0	**Attendance Requirement**
24RRMC10.1	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 shall have the Candidate details, course name, and code, number of credits, and category (core/elective/audit) 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.
24RRMC10.2	Courses of each semester shall be treated as a separate unit for calculation of the attendance.
24RRMC10.3	The candidate has to put in a minimum attendance of 85 % in each course with a provision to condone 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.
24RRMC10.4	Principals of the concerned colleges shall notify regularly. the list of candidates who fall short of attendance.
24RRMC10.5	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.
24RRMC10.6	In case of late admission, approved by a competent authority (Karnataka Examination Authority/VTU), to I semester of the program the attendance shall be reckoned from the date of admission to the program.
24RRMC10.7	A candidate who does not meet the attendance requirement (in one or more courses) shall not be eligible to appear for the SEE of that course/s. However, the candidate is permitted to appear for the SEE of the other courses in which he/she satisfies the attendance requirement.
24RRMC11.0	**Eligibility for Passing and Award of Degree**
24RRMC11.1	1. A student who obtains any grade O to C shall be considered as pass in any course and if a student secures an F grade in any of the head/s of passing, he/she has to reappear in that head for the SEE. 2. A student shall be declared successful at the end of the Program for the award of a Degree only on obtaining CGPA 5.00, with none of the Courses remaining with an F Grade.
24RRMC11.2	For a pass in a course, the student shall secure a minimum of 40 % of the maximum marks prescribed in the Semester End Examination, 50 % of marks in CIE, and 50 % in the aggregate of CIE and SEE marks. The Minimum Passing Grade in a course is **C**
24RRMC11.3	For a pass in the Internship/ Project/Dissertation/Viva-voce examination, a student shall secure a minimum of 40 % of the maximum marks prescribed for the SEE in Internship/Project/ Dissertation /Viva- Voce.

24RRMC11.4	IV semester 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 student completes all the backlog courses and becomes eligible for the award of the degree
24RRMC12.0	**Rejection Of the Result**
24RRMC12.1	A candidate may at his/her desire reject his/her latest semester, except the IV semester, results of the university examination in respect to all courses of that semester. Rejection shall be permitted only once during the entire Programme. The CIE marks of the rejected semester shall remain the same. Rejection Of results Of the University examination including CIE marks is not permitted.
24RRMC12.2	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 an even semester, the candidate cannot be admitted to the next Odd semester. 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.
24RRMC12.3	A candidate with a history of 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.
24RRMC12.4	Eligibility for Award of Degree: A student shall be declared to have completed the degree of MCA, 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.
24RRMC13.0	**Promotion and Eligibility (Vertical progression)**
24RRMC13.1	Passing Standard: Refers to passing a Course only when getting a Grade Point (GP) greater than or equal to 5 (Grade letter C). a. 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). b. 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. c. 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. d. Each appearance to SEE or absence after completing CIE and attendance requirements to complete a course shall be treated as an attempt
24RRMC13.2	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.
24RRMC13.3	a. 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. b. 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). c. 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
24RRMC13.4	The Mandatory non—credit courses/Bridge courses, 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.
24RRMC13.5	**Temporary Discontinuation/Break in the Program** a) If a candidate, for any reason, temporarily discontinues the Programme or takes a break from programme during any semester, he/she may be permitted to continue programme by registering to the same semester of the prevailing scheme. The Candidate shall complete all the remaining course work subject to the provision 20RRMB1.3. 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. However, based on the individual cases, it is considered to decide the SGPA and CGPA to admit the student for the award of degree. Such 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 Academics, on establishing equivalence between two schemes. A Grade card shall be issued to that effect. Additional considered for the eligibility criterion course/s shall not be 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.

24RRMC14.0	**Award of Prizes, Medals and Ranks**
24RRMC14.1	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 Institution for such awards.
24RRMC14.2	(1) For award of rank in a Specialization of Master of Business Administration, 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 MBA, 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 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 **Illustration:** (a) If 150 students appeared for the IV semester, the number of ranks to be declared 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
24RRMC14.3	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.
24RRMC15.0	**Applicability and Power to Modify**
24RRMC15.1	The regulations governing the Degree Of MBA of Visvesvaraya Technological University shall be binding on all concerned.

24RRMC15.2	(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