

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI
REGULATIONS GOVERNING
THE DEGREE OF MASTER OF ARCHITECTURE (M.ARCH.)
UNDER CHOICE BASED CREDIT SYSTEM (CBCS) SCHEME
(w.e.f Academic Year 2016-17)

DEFINITIONS OF KEY WORDS:

1. **Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
2. **Audit Courses:** Students to be able to register for Courses outside the prescribed range of Credits for audit only, when interested to supplement their knowledge/skills/without benefit of grade or credit for a course. Optional for students to appear/pass in CIE, SEE of these courses and/or seek their inclusion in the Grade cards or Transcripts issued (but, not for earning Credit).
3. **Branch:** A cohort of areas in an M.Arch. Programme for example; M.Arch. in Urban Design, M.Arch. in Habitat Design etc.
4. **Choice Based Credit System (CBCS):** CBCS helps in customizing the course work for a student, through Core & Elective courses.
5. **Continuous Internal Evaluation (CIE):** To be conducted by the *Course Instructor* and include mid-term/weekly/fortnightly class tests, group discussion, viva voce & seminars etc., throughout the *Semester*, with weightage for the different components being flexible as decided only by the subject teachers. *Instructor* also to discuss on *CIE* performance with students; CIE is also termed as "Internal Assessment".
6. **Course:** Usually referred to, as 'papers' is a component of a programme. All courses need will not carry the same weightage. The courses should define learning objectives and learning outcomes. A course may be designed to comprise studio projects/ lectures/ tutorials/ field work/ outreach activities /project work / vocational training / viva / seminars/ term papers/ assignments/ presentations/ self-study etc. or a combination of some of these.
7. **Course Evaluation:** *CIE* and *SEE*(*Semester End Examination*) to constitute the major evaluations prescribed for each *Course*, with only those students maintaining a minimum standard in *CIE* being permitted to appear in *SEE* of the *Course*.
8. **Course Registration:** Every student to formally register for Courses(Credits) under faculty advice in each Semester for the Institution to maintain proper record; Helpful for monitoring the CIE, SEE performance in each case and to assist the students by mentoring.
9. **Credit:** A unit by which the course work is measured.
10. **Credit Courses:** All Courses registered by a student in a *Semester* to earn *credits*.
11. **Credit Representation:** *Credit* values for different academic activities to be represented by using a numeric value.

12. **Credit Based System (CBS):** Credit system enables quantification of course work, with credits being assigned after a student completes its teaching-learning process, followed by passing in both CIE & SEE. Under the CBS, the requirement for awarding a degree is prescribed in terms of total number of credits to be earned by the students.
13. **Credit Point:** It is the product of grade point and number of credits for a course; i.e., *Credit Points (CrP) = GP X Credits for the Course.*
14. **Cumulative Grade Point Average (CGPA):** It is a measure of 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 the semesters. It is expressed up to two decimal places.
15. **First Attempt:** If a student has completed all formalities and become eligible to attend the examinations and has attended at least one head of passing, such attempt (first sitting) shall be considered as first attempt.
16. **Grading:** Done using *Letter Grades* as qualitative measure of achievement in each *Course* like: **S**(Out Standing), **A**(Excellent), **B**(Very Good), **C**(Good), **D**(Above Average), **E**(Average) & **F**(Fail), based on the marks scored in (CIE+SEE) of the *Course* and conversion to *Grade* done by *Absolute Grading*;
17. **Grade Point (GP):** Students to earn *GP* for a *Course* based on its *Letter Grade*. It is a numerical weightage allotted to each letter grade on a 10-point scale; e.g., on a typical 10-point scale, *GP* to be: *S=10, A=09, B=08, C=07, D=06, E=04 & F=00*; Useful to assess student's achievement quantitatively and to compute *Credit Points*.
18. **Grade Point Average(GPA):** Computation of *Semester GPA (SGPA)* to be done by dividing the sum of *CrP* of all *Courses* by the total number of *Credits* in a *Semester*, leading finally to *CGPA* for evaluating student's performance at the end of two or more *Semesters* cumulatively.
19. **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters S, A, B, C, D, E and F.
20. **Passing Standards:** Student is passing a *Course* only when getting $GP \geq 04$ (*E Grade*). A Student to be declared successful at the *Semester-End* or *Programme-End* only when getting *SGPA* or *CGPA* ≥ 5.00 , with none of the *Courses* registered in a *Semester* remaining with F Grade.
21. **Programme:** A planned series of events/activities comprising studio projects/ lectures/ tutorials/ field work/ outreach activities/ project work/professional training/ viva/ seminars/ term papers/ Professional training/ assignments/ presentations/ self-study etc. or a combination of some of these leading to the award of degree.
22. **Semester:** The full time M.Arch. Degree Programme is of 2 academic years (= 4 Semesters), with the year being divided into two Semesters of approximately 16 weeks (≥ 90 working days) each for course work, followed by Continuous Internal Evaluation in the Semester & Semester End Examination as reforms in CBCS system for Achievement Testing.

23. **Semester End Examination (SEE):** Conducted at the University level covering the entire *Course Syllabi*. The questions to be comprehensive emphasizing analysis, synthesis, design, problems & numerical quantities. SEE is also termed University examinations.
24. **Semester Grade Point Average (SGPA):** It is a measure of academic performance of a student 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 of that semester. It shall be expressed up to two decimal places.
25. **Specialization:** An area of study that provides specific domain knowledge in a particular Branch of M.Arch. Programme. For example, Master of Architecture in urban Design, Master of Architecture in Habitat Design etc.
26. **Transcript or Grade Card or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the Programme details (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA earned till that semester.
27. **University:** Visvesvaraya Technological University, Belagavi.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI
THE MASTER OF ARCHITECTURE PROGRAMME (M.ARCH.)
UNDER CBCS SCHEME (Full Time)
(w.e.f Academic Year 2016-17)

16OMA 1.0	TITLE OF THE PROGRAMME
	The Programme shall be called Master of Architecture (Subject of Specialization), abbreviated as M.Arch. (Subject of Specialization) Programme.
16OMA 2.0	DURATION OF THE PROGRAMME
16OMA 2.1	<p>Full Time Programme : The Programme shall extend over a period of four semesters and each semester shall have the following schedule (excluding Examination , Professional training and Vacation):</p> <p>First Semester : 16 weeks duration. Second Semester : 16 weeks duration. Third Semester : 16 weeks duration. Fourth Semester : 16 weeks duration.</p>
16OMA 2.2	The Calendar of events in respect of the Programme shall be notified at least a month prior to the commencement of the semester by the University.
16OMA 2.3	A Full Time candidate 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 programme.
16OMA 3.0	ELIGIBILITY FOR ADMISSION
16OMA 3.1	<p>Admission to the Master of Architecture Programme shall be open to all the candidates who have passed B.Arch. Examination (as per the eligibility criteria specified from time to time) of VTU or any other recognized University / Institution. The decision of the Equivalence committee shall be final in establishing the eligibility of candidates for a particular Programme.</p> <p>For the foreign degrees Equivalence certificate from the Association of Indian Universities is a must.</p> <p><i>However, the candidates who have completed their prerequisite degree through the distance mode education are not eligible for admission to M.Arch. Programs under any quota i.e. Govt./Management.</i></p>
16OMA 3.2	AIIA qualification shall be considered equivalent to B.Arch. The regulations of Council of Architecture(COA) with regard to equivalence of AIIA examination to a B.Arch. degree shall prevail. The candidate seeking admission to M.Arch. Programs on the basis of AIIA shall write the Common Entrance Test.

16OMA 3.3	Admission to M.Arch. Programme shall be open to the candidates 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 percentage secured in qualifying examination is not permissible.
16OMA 3.4	<p>i. For admissions under GATE qualification and Roaster system of Government of Karnataka: The candidates should be GATE qualified or should have appeared for the Entrance Examination conducted by an authority recognized by Government of Karnataka / VTU/ any other University on approval by Government of Karnataka.</p> <p>ii. 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 Government of Karnataka / VTU/ any other University on approval by Government of Karnataka.</p> <p>iii. Further, there shall be an Admissions Committee for PG programme in each College for each branch of PG studies consisting of the Principal of the College as the Chairman, Head of the concerned Department, one senior faculty of the concerned Department as members. The Admissions Committee conducts the interview and selects the candidates for admissions.</p> <p>iv. 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 Government of Karnataka / VTU/ any other University on approval by Government of Karnataka.</p>
16OMA 3.5	The candidates, who are qualified in the GATE(Architecture) Examination shall be given priority. They shall be exempted from taking Post Graduate Entrance Examination(PGCET).
16OMA 3.6	If sufficient number of GATE qualified candidates are not available, such seats shall be filled from amongst the candidates appeared for Entrance Examination in the order of merit.
16OMA 3.7	The intake under various categories (regular, sponsored candidates and SC/ST) shall be as sanctioned and notified by the COA, State Government and VTU, from time to time.

16OMA 3.8	Subject to the provisions of 16OMA 3.1 and 16OMA 3.2, members of the Teaching/Research Staff/Teaching Assistants working in any Architectural college/ Department recognized by COA either in the State of Karnataka or outside and who have put in a minimum of Three years of teaching experience on full-time basis in Architecture College/Department, Polytechnic institutions / any other institutions imparting Architectural education shall be eligible for admission to PG Programs under sponsored quota on fulltime basis, if they are sponsored by their respective Institutions / DTE. Where sufficient number of such candidates is not available, candidates with minimum Three years of teaching experience may be allowed to the Programme against sponsored quota.
16OMA 3.9	Subject to the provisions of 16OMA3.1 and 16OMA3.2, members working in the State Government / Central Government / Quasi Government Organizations / Public Sector Industries / Reputed Private Industries, who have put in a minimum of three years of working experience and are sponsored by the concerned organizations shall also be eligible to seek admissions to PG Programs against sponsored quota. Preference for admission under 16OMA3.8 and 16OMA3.9 is given to candidates sponsored by State and central Governments.
16OMA 3.10	The Architecture graduates other than the graduates of any of the Universities of Karnataka State shall have to obtain Eligibility Certificate from the VTU to seek admission to M.Arch. Programme in any of the colleges affiliated to VTU.
16OMA 3.11	There shall be no admission to M.Arch. Programme under lateral entry scheme .
16OMA 4.0	REGISTRATION AND ENROLMENT: i) Except for the first semester, registration for a semester will be done during a specified week before the end semester examination of the previous semester. ii) The registration sheet contains the course number, course name, number of credits and category for each course taken in that semester. iii) The Faculty Adviser will help the students in planning their courses of study and for getting general advice regarding either the academic programme or any other activity. The Head of the Department concerned will assign a faculty every year for each PG programme who will be called as Faculty Adviser.
16OMA 5.0	ATTENDANCE REQUIREMENT
16OMA 5.1	Courses of each semester shall be treated as a separate unit for calculation of the attendance.

16OMA 5.2	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 University level sports, cultural activities, seminars, workshops, paper presentation of significant value, etc. The necessary documents such as in support along with Medical Certificate, letter of participation in University level activities etc., are to be submitted along with recommendations to condone the shortage.
16OMA 5.3	A candidate, who does not satisfy the attendance requirement as mentioned in 16OMA 5.2 shall not be eligible to appear for the SEE of that semester and shall be required to repeat that semester during the subsequent year.
16OMA 5.4	Principals of the concerned colleges shall notify regularly, the list of such candidates who fall short of attendance.
16OMA 5.5	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.
16OMA 5.6	<p>If a candidate, for any reason, discontinues the Programme in the middle, he/she may be permitted to continue by registering to the Programme under the prevailing scheme. The candidate shall complete the studio assignments, class work and seminar including the submission of dissertation within the maximum stipulated period under the provision of 16OMA 2.3. Such candidate shall not be eligible to be considered for the award of rank.</p> <p>Also the candidate have to complete additional course/s as per the decision of the concern BOS/Dean academic on establishing equence between two schemes grade and shall be issued that effect. Additional courses shall not be considered for the eligibility criteria prescribed for the promotion. However based on the individual cases it is consider to divide SGPA and CGPA to admit the student for the award of the Degree.</p>
16OMA 6.0	CONTINUOUS INTERNAL EVALUATION
16OMA 6.1	<p>Continuous Internal Evaluation (CIE) marks refer to the marks awarded to a student based on continuous evaluation during a semester by the concerned subject/studio teacher/teachers.</p> <p>a) In the case of subjects which are mainly studio based on the scheme of teaching and examinations, the CIE marks shall be the sum total of marks given to the various drawings, maps, sketches etc. submitted from time to time by a student in a format prescribed by the studio teachers.</p>

	<p>b) In the case of subjects which are mainly lecture based as per the scheme of teaching and examinations, the CIE marks shall be based on the average of two tests conducted normally at the end of 8th and 12th weeks of each semester. Provided that, the teacher may give assignments instead of tests which may include book reviews, write-ups, seminars etc.</p> <p>c) In the case of subjects which are mainly practical based as per the scheme of teaching and examinations, the CIE marks shall be based on the assignments submitted by the students. A minimum of two assignments per semester shall be given.</p> <p>d) In all the three cases, viz. studio based, lectured based and practical based subjects:</p> <p>(i) The concerned teacher shall give a opportunity to the student to improve his / her CIE marks for example by re-doing the assignments or taking an additional test etc., within the time frame of the given semester.</p> <p>(ii) The relevant records and submissions (drawings, computer printouts, sketch books, written assignments, blue books etc.) of students which have been assessed for CIE marks shall be produced as and when sought by the University.</p>
16OMA 6.2	The CIE marks awarded to the students in a subject shall be displayed on the notice boards of the colleges to enable the students to point out any discrepancies. The CIE marks finalized shall be signed by the concerned teacher/teachers, head of the department and Principal on each page and they shall be sent to the University.
16OMA 6.3	If a candidate fails to secure a minimum of 50% of marks in CIE marks in any subject, he /she shall not be eligible to take up theory/viva voce examination, the result of the concerned examination shall be null and void.
16OMA 6.4	It shall be the responsibility of concerned Head of the Architecture department/ Principal to implement clause 16OMA 6.3. In the event of an ineligible candidate inadvertently being allowed to appear for the theory/viva voce examination, the result of the concerned examination shall be null and void.
16OMA 6.5	Such candidates shall correct, improve, re-do the concerned works on the advice of subject teacher and re-submit them during any of the subsequent semesters in order to secure the minimum required CIE marks in that subject.

16OMA 6.6	However, the candidates shall register their names in their college for repeating work within 15 days from the commencement of any of the subsequent semesters during which they desire to improve their marks.
16OMA 6.7	The list of such candidates, who have not secured the minimum in the CIE marks, shall be sent to the University along with the submission of CIE marks of the successful candidates.
16OMA 6.8	After the submission of CIE marks to the University, any requests for changes in the marks by the college shall not be considered under any circumstances.
16OMA 6.9	CIE marks sheet shall be submitted to the University without any delay when required by the University and the Principal of the concerned college shall be responsible for any delay.
16OMA 6.10	When once a candidate secures a minimum or more than the minimum CIE marks in any subject, the marks shall be frozen and shall not be changed under any circumstances
16OMA 6.11	The candidates shall write the Internal Assessment Test in Blue Books/portfolios which shall be maintained by the Principal / Head of the Department for at least three months after the announcement of University results and available for verification as per the directions of the Registrar (Evaluation).
16OMA 6.12	The Internal Assessment marks list shall be displayed on the Notice Board and corrections, if any, shall be incorporated before sending to the University.
16OMA 6.13	Every sheet of the Internal Assessment marks list shall bear the signatures of the concerned Teacher/Teachers, Head of the Department and the Principal.
16OMA 7.0	PAPER SETTING AND EVALUATION OF THEORY ANSWER PAPERS
16OMA 7.1	Question papers in theory subjects shall be set by the Examiners appointed for the purpose by the University.
16OMA 7.2	There shall be double valuation for theory papers in the University examinations. The theory answer papers shall be valued independently by the two examiners appointed by the University.
16OMA 7.3	If the difference between the marks awarded by the two Examiners is not more than 15% of the maximum marks, the marks awarded to the candidate shall be the average of two evaluations

16OMA 7.4	If the difference between the marks awarded by the two Examiners is more than 15% of the maximum marks, the Script shall be evaluated by a third Examiner. The average of the marks of nearest two valuations shall be considered as the marks secured by the candidate. However, if one of three marks falls exactly midway between the other two, then the higher two marks shall be taken for averaging.
16OMA 8.0	COURSES
16OMA 8.1	<p>The syllabus of the Programme comprises of the following types of courses:</p> <ul style="list-style-type: none"> i) Professional Core Courses (<i>PC</i>) - relevant to the chosen specialization. The core course is to be compulsorily studied by a student and is mandatory to complete the requirements of a program in a said discipline of study. ii) Professional Electives Courses (<i>PE</i>) - relevant to the chosen specialization; these are the courses, which can be chosen from the pool of papers. It shall be supportive to the discipline/ providing extended scope/enabling an exposure to some other discipline / domain / nurturing student skills. iii) Open Electives Courses (<i>OE</i>), from other technical and/ or emerging specialization areas. iv) Audit Courses (AC): <ul style="list-style-type: none"> (a) The Audit course can be any credit course offered by the program to which admitted (other than the courses considered for completing the prescribed program credits) or other programmes offered in the institution, where the student is studying. (b) The students who are interested in audit courses can register for one audit course at a time during II and IV semesters. Audit students, considered on par with students registered for credit, hence have to satisfy attendance and CIE requirements. However, audit students need not have to appear for SEE. (c) Registration for any audit course, in writing, shall be completed at the beginning of II and IV semesters. The Institution should intimate the University about the registration at the beginning of the semester and obtain a formal approval for inclusion of the audit course/s in the Grade cards/ Transcripts issued to the students. v) Project Work, Seminar and/or Internship.

16OMA 9.0	PROFESSIONAL TRAINING
16OMA 9.1	A Candidate shall undergo Professional Training for eight weeks immediately after the completion of 2 nd semester examinations and before the commencement of 3 rd semester course work. The training shall be undertaken in an architectural firm / Govt. department specializing in Urban design / Urban planning / Landscape architecture. The training certificate shall be signed by an architect registered with Council of Architecture.
16OMA 9.2	Every candidate shall submit a report of the Professional Training Report/Certificate, approved/signed/sealed by the Architect. Professional Training report shall consists of work/survey maps/drawings/study etc., done by the students.
16OMA 9.3	The Viva voce examination shall be conducted during end of III rd semester examination.
16OMA 10.0	DISSERTATION WORK
16OMA 10.1	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 end of third semester.
16OMA 10.2	The dissertation work shall be carried out by each candidate independently during the fourth semester under the guidance of one of the faculty members (Full Time / Visiting) of the Department in the Institution of study.
16OMA 10.3	Every Candidate shall submit report of the dissertation work duly approved by the guide and the co-guide, if any, at the end of the fourth semester. The dissertation work shall be countersigned by the guide, co-guide, if any, Head of the Department and Head of the Institution. The Candidate shall submit three copies of the dissertation report to the Head of the Institution.
16OMA 10.4	The report shall consist of not only the write up about the selected work but also the various drawings, maps, illustrations (in a reduced scale) etc. For the purpose of the examination, the full scale drawings, maps, illustrations, models etc. shall be displayed to the examiners in addition to the report.
16OMA 10.5	A soft copy of the Dissertation report of all the students shall be sent to Registrar (VTU) by the Principal of the College.

<p>16OMA 10.6</p>	<p>Plagiarism Check</p> <p>The Dissertation Guides and Head of the Department shall ensure and certified the authenticity and originality of contents constituting the dissertation. All cited content shall be duly acknowledged.</p> <p>The text content of the dissertation shall be subjected to plagiarism check. The allowable plagiarism index is less than or equal to 25%.</p> <p>If the check indicates a plagiarism index >25% :</p> <ul style="list-style-type: none"> • For the first time, the candidate has to resubmit the dissertation, to the Registrar (Evaluation), VTU along with the penal fees of Rs 2000/- (Two thousand only) in person. • For the second time, the candidate has to resubmit the dissertation along with the penal fees of Rs 4000/- (four thousand only) in person. • If the dissertation is rejected again during second resubmission with reference to plagiarism index, the candidate shall redo the project and submit after a semester's time or subject to the provision 16 OM 2.3.
<p>16OMA 10.7</p>	<p>The date of submission of the dissertation may be extended without exceeding the duration specified in regulation 16OM2.3 for full time candidates.</p>
<p>16OMA 10.8</p>	<p>The dissertation shall be evaluated by three examiners comprising of one Internal Examiner (Guide/Co-Guide) and Two External Examiners appointed by the University. The evaluation of the dissertation shall be made independently by each examiner during the jury</p>
<p>16OMA 10.9</p>	<p>Average of the marks awarded by the three Examiners shall be the final.</p>
<p>16OMA 11.0</p>	<p>ELIGIBILITY FOR PASSING AND AWARD OF DEGREE</p>
<p>16OMA 11.1</p>	<ol style="list-style-type: none"> 1) A student who obtain any grade S to E shall be considered as passed and if a student secure "F" grade in any of the head of passing he/she has to reappear in that head for the SEE. (2) A student will be declared successful at the Semester-end or Programme-end only on obtaining each SGPA and CGPA greater than or equal to 5.00, with none of the Courses registered in a Semester or for the Degree Award remaining with F Grade. 3) In case, the SGPA/ CGPA fall below 5.00, the student shall be permitted to appear again for SEE for required number of courses (other than seminar and Practical) and times, subject to the provision of 16OM 2.3 , to make up SGPA greater than or equal to 5.0. The student should reject the SEE results of the previous attempt and obtain written permission from The Registrar (Evaluation) to reappear in the subsequent SEE.

16OMA 11.2	For a pass in a theory course, the student shall secure minimum of 40% of the maximum marks prescribed in the Semester End Examination and 50% of marks in Internal Assessment and 50% in the aggregate of CIE and SEE marks. The Minimum Passing Grade in a course is “E”.
16OMA 11.3	For a pass in Professional Training/Practical/Project/Dissertation /Viva-voce examinations, a student shall secure a minimum of 50% of the maximum marks prescribed for the SEE in Professional Training/Practical/Project/Dissertation /Viva-voce. The Minimum Passing Grade in a course is “E”.
	PROMOTION TO HIGHER SEMESTER
16OMA 11.4	Candidates, under full time programme, with a maximum of two backlog courses of first year (I & II Sem) shall be eligible for taking admission to second year (III semester).
16OMA 11.5	Full time candidates has to pass in all the three semesters including Professional Training before the submission of Dissertation for the VIVA VOCE external examination.
16OMA 11.6	A candidate may at his/her desire to reject his/her latest semester results of University examination in respect to all courses of that semester. However, in the 4 th semester the rejection shall not include the Dissertation result. Rejection shall be permitted only once during the entire Programme. The Internal Assessment marks of the rejected semester shall remain the same. Rejection including Internal Assessment is not permitted.
16OMA 11.7	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.
16OMA 11.8	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.
16OMA 11.9	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.
16OMA 11.10	A student shall be declared to have completed the degree of Master of Architecture, provided the student has undergone the stipulated course work as per the regulations and has earned the prescribed Credits of the programme.

16OMA 12.0**COMPUTATION OF SGPA AND CGPA****16OMA 12.1**

i. The VTU adopts absolute grading system wherein the marks are converted to grades, and every semester results will be declared with semester grade point average (SGPA) and Cumulative Grade Point Average (CGPA). The CGPA will be calculated every semester, except the first semester.

ii. The grading system is with the following letter grades as given below:

Grades and Grade Points

Level	Out-standing	Excellent	Very Good	Good	Above Average	Average	Fail
Letter Grade	S	A	B	C	D	E	F
Grade Points	10	9	8	7	6	4	00

iii. A student obtaining Grade “F” shall be considered failed and will be required to reappear in the examination.

Such students after passing the failed subject in subsequent examination/s will be awarded with revised grade in conformity to his/her performance in the subsequent examination/s.

Number of attempts taken to clear a subject/s shall be shown in the transcripts.

Grade Points Scale:

Level	Out-standing	Excellent	Very Good	Good	Above Average	Average	Fail
Letter Grade	S	A	B	C	D	E	F
Grade Points	10	09	08	07	06	04	00
Score (Marks) Range(%)	≥ 90	<90 ≥ 80	< 80 ≥70	< 70 ≥60	< 60 ≥ 55	< 55 ≥ 50	< 50

Computation of SGPA and CGPA

The following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- i. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$\text{SGPA (Si)} = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.

- ii. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

- iii. The SGPA and CGPA shall be rounded off to 2 decimal places and reported in the transcripts.

Illustration for Computation of SGPA and CGPA

Computation of SGPA

Illustration No.1 [Semester 1]

Course	Credit	Letter Grade	Grade point	Credit Point (Credit x Grade Point)
Course 1	3	B	8	3x8 = 24
Course 2	2	D	6	2x6 = 12
Course 3	3	C	7	3x7 = 21
Course 4	3	S	10	3x10= 30
Course 5	12	A	9	12x9= 108
Course 6	2	D	6	2x6 = 12
	25			147

Thus, **SGPA= 207/25=8.28**

Illustration No.2[Semester 2]

Course	Credit	Letter Grade	Grade point	Credit Point (Credit x Grade Point)
Course 1	3	B	8	3x8 = 24
Course 2	3	D	6	3x6 = 18
Course 3	2	C	7	2x7 = 14
Course 4	3	F	0	3x0 = 00
Course 5	11	A	9	11x9= 99
Course 6	2	D	6	2x6 = 12
	24			167

Thus, **SGPA= 167/24=6.95**

Illustration No.2(a) [after having passed course 4 of semester 2 in subsequent attempt]

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade point)
Course 4	3	C	7	3x7 =21
	24			Ci (First Attempt)167 + Ci (subsequent attempt) 21= 188

Thus, **SGPA= 188/24=7.83;**

CGPA = (25x8.28 +24x7.83)/ 49 = 8.05

CGPA after Final Semester :

Sem.- 1	Sem. - 2	Sem. - 3	Sem. - 4
Credit: 25	Credit: 24	Credit: 26	Credit: 25
SGPA: 8.28	SGPA: 7.83	SGPA: 7.92	SGPA: 9.24

Thus, **CGPA = $\frac{25 \times 8.28 + 24 \times 7.83 + 26 \times 7.92 + 25 \times 9.24}{25 + 24 + 26 + 25}$**

CGPA = 8.31

iv. Transcript (Format): Based on the above recommendations on Letter grades, grade points, SGPA and CCPA, the transcript for each semester and a consolidated transcript indicating the performance in all semesters may be issued.

16OMA 12.2

CONVERSION OF GRADES INTO PERCENTAGE:

Conversion formula for the conversion of GPA into Percentage is [CGPA Earned - 0.75] x 10= Percentage of marks scored.

Illustration: [CGPA Earned 8.31 - 0.75]x 10 = 75.6%

16OMA 13.0	AWARD OF CLASS, RANKS, PRIZE AND MEDALS
16OMA 13.1	AWARD OF CLASS
	<p>The Masters' Degree in Architecture shall be awarded to the candidates who have passed all the prescribed courses from 1st to 4th semesters.</p> <p>However, the declaration of the class for the degree shall be based on the performance of the candidate from 1st to 4th semester consider together.</p> <p>For declaration of class, the CGPA is converted into Percentage of marks scored in accordance to formula and illustration under the Clause 16OMA12.2.</p> <p>Class Declaration:</p> <p>After the conversion of final CGPA into percentage of marks(P), a graduating student is declared to have passed in,</p> <ul style="list-style-type: none"> (i) First Class with Distinction(FCD) if $P \geq 70\%$ (ii) First Class (FC) if $P \geq 60\%$ but $< 70\%$ and (iii) Second Class(SC) if $P \geq 50\%$ but $< 60\%$
16OMA 13.2	AWARD OF RANKS
	<ul style="list-style-type: none"> i. For award of rank in a Specialization of Master of Technology, the CGPA secured by the student from 1st to 4th semester is considered. ii. A student shall be eligible for a rank at the time of award of degree of Master of Architecture, provided the student <ul style="list-style-type: none"> a. Is not a repeater in any semester, b. Has not rejected the results of any semester, and c. Has passed 1st to 4th semester in all the courses in first attempt only. iii. The Total number of ranks awarded shall be 10% of total number of students appeared in 4th semester subject to a maximum of 10 ranks in a Specialization. iv. For award of ranks in a Specialization, a minimum of 10 students should have appeared in the 4th semester examination. v. In case of fractional number of ranks, it is rounded to higher integer only when the first decimal place value is greater than or equal to 5.

16OMA 13.3	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 higher SGPA. If it is not resolved even at this stage, the number of times a student has obtained higher grades like S, A, B etc., shall be taken into account to decide the order of the rank.
16OMA 14.0	APPLICABILITY AND POWER TO MODIFY
16OMA 14.1	The regulations governing the Degree of Master of Technology of Visvesvaraya Technological University shall be binding on all concerned.
16OMA 14.2	<p>POWER TO MODIFY:</p> <ul style="list-style-type: none"> i) Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/ orders to address any difficulty. ii) 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.
