



**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY
BHILAI**

**Ordinance No. 13
(Under Section 38)**

**Ordinance for M.C.A 3 Year Full Time Post Graduate Course
(w.e.f. the session 2005-2006)**

1.0 The Post Graduate Degree in Computer Applications of three year (six semester) Course shall be designated as Master of Computer Applications and abbreviated as M.C.A

2.0 Admissions

2.1 A candidate seeking admission to M.C.A course should be a graduate of any Indian University or Foreign University or Institute recognized by the University as equivalent thereto. The graduation should be with three year of regular study after passing 10 + 2 Senior Secondary Examination or its equivalent of an approved Board with mathematics as a compulsory subject.

2.2 Candidate seeking admission to I semester M.C.A shall have to secure a proper place in the merit list prepared on the basis of an entrance examination conducted by VYPAM, C.G. and executed by the Additional Director, Technical Education, C.G. or any other body approved by the University or any other agency decided by the University.

2.3 Admission to N.R.I seats shall be made on the basis of merit of qualifying examination as in 2.1 form among such applicant at the Institution level as per rules notified by the State Government.

3.0 Examinations:

3.1 There shall be University Examination at the end of each semester.

3.2 These examinations shall be named as follows:

(a) M.C.A	First Year	
	-First semester	-I semester
	-Second semester	-II semester
(b) M.C.A	Second Year	
	-Third Semester	-III semester
	-Fourth semester	-IV semester
(c) M.C.A	Third Year	
	- Fifth semester	-V semester
	- Sixth semester	-VI semester

3.3 The examination of I, III and V Semesters, called as Odd Semesters, shall be generally held in the months of November – December and that of II, IV and VI Semesters, called Even Semesters, shall be held in the months of April – May.

- 3.4 The VI Semester, being kept for fulfillment of the academic requirement, is devoted for major project. In this Semester the major project is to be completed by the candidate in the stipulated period.
- 3.5 If a candidate is unable to clear some subjects (a subject means a theory or a practical or a sessional treated separately) of any semester, he/she shall be permitted to appear in these subjects as an ex-student in the subsequent semester examinations. To enable the candidate to clear their backlog subjects as quickly as possible, the examinations of all theory papers and practical shall be held during every semester examination.
- 3.6 The duration of examination of any semester should normally not exceed twenty working days.
- 3.7 A candidate shall not be admitted to the next higher semester class unless he/she has cleared all the semesters except just the two preceding semesters and in these two preceding semesters too he should NOT have in total more than four subjects (theory/practicals) to clear. However in any case the result of sixth and final semester examination of M.C.A shall not be declared unless he/she has fully cleared all the previous semesters including the project work.
- 3.8 A candidate discontinuing any semester may be permitted to take readmission as per rules at the beginning of the concerned semester. However, he/she shall not be permitted to do so beyond a gap of four continuous semester or two continuous years of studies in any case

4.0 Passing of Examinations:

- 4.1 In order to pass M.C.A Examination of any semester, a candidate shall have to secure following percentage of minimum marks:
 - 4.1.a 40% of the maximum marks allotted to each Theory Paper
 - 4.1.b 50% of the maximum marks allotted to each Practical/Viva-voce.
 - 4.1.c 60% of the maximum marks allotted to each sessionals/Term-work/Teacher's Assessment.
 - 4.1.d There is no restriction of minimum passing marks in Class Test (CT).
 - 4.1.e 50% of total aggregate marks in the semester.
- 4.2 At the end but before the examination of the Sixth semester the candidate shall have to submit three typed copies of the major Project, Thesis along with certificate of the Head of the Department of the organization in which the candidate undertook to said project.
- 4.3 BASIS OF CREDITS
 - 4.3.1 One period of contact in lecture (L) and two periods of contact in tutorial (T) or practical (P) will be equal to one credit. Thus, $Credit = \{L + (T+P)/2\}$.

Credit in a subject will be a full, not in a fractional number. If a credit in a subject turns out in fraction than it will be taken as next full number.

4.3.2 A candidate shall earn all the credits allotted to a semester only when he/she passes the said semester.

5.0 Awards of Division:

5.1 No division shall be awarded up to fifth semester.

5.2 Successful candidates in all the semester examination shall be awarded the division at the end of final semester examination taking the aggregate of marks obtained, as follows:

5.2.a 75% and above	First Division with distinction/Honours.
5.2.b Less than 75% but not less than 65%	First Division
5.2.c Less than 65%	Second Division

Provided the candidate has secured the minimum pass marks as specified under clause 4 above

6.0 Merit Lists:

6.1 Merit list of first 10 candidates in the order of merit shall be declared at the end of sixth semester on the basis of the integrated performance of all the semesters.

7.0 Attendance:

7.1 Candidate appearing as regular student for any semester examination shall be required to attend at least 75 percent of the lectures delivered and of the practical classes held separately in each paper, provided that a short fall in attendance up to 10% and a further 5% can be condoned by the Director/ Principal of the college and Vice-Chancellor of the University respectively for satisfactory reasons.

8.0 If a candidate clears a semester examination in full he/she shall not be permitted to reappear in that examination for improvement of marks or for any other purpose.

9.0 Candidate shall not be permitted to continue in the M.C.A course, if he/she fails to pass all the semester in a maximum of six years from the date of first admission.

10.0 ASSESSMENT AND GRADING

10.1 MODE OF ASSESSMENT AND EVALUATION

Continuous evaluation system will be followed with three components as Class Test (CT), Teacher's Assessment (TA) and End Semester Exam (ESE). To make TA more objective one, this will depend upon attendance, home assignments, take home exam, closed and open book tests, group assignments, viva-voce, quizzes etc. Similarly, there will be two or three class tests in a semester the results of which will be shown to the class students along with test answer books under intimation to the University.

However, ESE will have to be conducted by the college/institute through affiliating university. Weightings of CT, TA and ESE will be as given in the scheme of examination.

10.2 GRADING SYSTEM

Absolute grading system will be followed. In every subject, theory or practical, a candidate will be awarded a letter grade based on one's combined performance of all the components, e.g., TA, CTs and ESE. These grades will be described by letters indicating a qualitative assessment of the candidate's performance through a number equivalent called "Grade Point" (GP) as given below. A course is completed successfully, or a credit is earned for a course when letter grade C or better is obtained in the course.

Letter Grade (LG) :	A+	A	B+	B	C+	C	F
Grade Point (GP) :	10	9	8	7	6	5	0

Grades will be awarded for every subject, theory and practical separately. This will be done as described below.

10.3 ABSOLUTE GRADING SYSTEM

The absolute grading system of the type explained below will be adopted for theory and practical subjects

Grades	THEORY	PRACTICAL
A+	$85 \leq \text{Marks} \leq 100\%$,	$90 \leq \text{Marks} \leq 100\%$,
A	$75 \leq \text{Marks} < 85\%$,	$82 \leq \text{Marks} < 90\%$,
B+	$65 \leq \text{Marks} < 75\%$,	$74 \leq \text{Marks} < 82\%$,
B	$55 \leq \text{Marks} < 65\%$,	$66 \leq \text{Marks} < 74\%$,
C+	$45 \leq \text{Marks} < 55\%$,	$58 \leq \text{Marks} < 66\%$,
C	$40 \leq \text{Marks} < 45\%$,	$50 \leq \text{Marks} < 58\%$,
F	$0 \leq \text{Marks} < 40\%$,	$0 \leq \text{Marks} < 50\%$,

Thus letter grades A+, A, B+, B, C+, C, and F and the corresponding Grade Point will be available for each subject evaluated by the examiner.

10.4 FAIL GRADE "F"

Additionally, further categorizations of F will be

- FF : Failing in any theory/practical subject.
- FI : Incomplete grade failing to appear in ESE due to illness or so but otherwise satisfactory performance, thus eligible for re-exam in that subject.
- FS : Failing in sessionals, i.e. in TA, so repeat the semester.
- FX : Failing due to short of attendance so repeat the semester.
- WW : Result withheld due to various reasons.
- ~~FA : Failing due to aggregate marks being less than 50% of total marks, so eligible to appear in one or two subjects (theory only) of one's choice.~~
- FA : Failing due to aggregate marks being less than 50% of total marks, so eligible to appear in **maximum four** subjects (theory only) of one's choice.

*(Highlighted portion modified and approval accorded by Hon'ble Governor on 05/10/2021)

10.5 CONSTRAINTS OF MINIMUM QUALIFYING MARKS

To be eligible to secure a letter grade A+ to C a candidate must

- be eligible to appear in a ESE, a candidate must score minimum 60% marks in TA in each theory and/or practical separately failing which he/she will have to repeat the semester.
- No minimum score requirement of marks in CTs.
- Minimum score 40% marks in each theory paper,
- Minimum score 50% marks in each practical exam,
- Minimum score 50% of total aggregate marks, failing which, but otherwise satisfying minimum score requirements, he/she shall be kept in compartment in not more than one theory paper of his choice.

10.6 SEMESTER PERFORMANCE INDEX (SPI)

Performance of a student in i-th semester is expressed by SPI which is a weighted average of course grade points obtained by a student in the semester and is expressed by

$$SPI_i = \frac{[C_1 G_1 + C_2 G_2 + \dots] i}{[C_1 + C_2 + \dots] i} = \frac{[\sum CG] i}{[\sum C] i} = \frac{N_i}{D_i}$$

where C and G stand for Credit and Grade, respectively. SPIs will be calculated up to two places of decimal without rounding off. SPI will be calculated only when a student clears a semester without F in any subject, theory or practical.

10.7 CUMULATIVE PERFORMANCE INDEX (CPI)

This is a weighted average of course grade points obtained by a student for all courses taken since his admission to the degree program with 50% weightage of I and II semester marks and 100% for remaining semesters. Thus, CPI in i-th semester with “i” greater than 2 will be calculated as

$$CPI_i = \frac{0.5 (N_1 + N_2) + \sum_{i=3}^{i \geq 3} N_i}{0.5 (D_1 + D_2) + \sum_{i=3}^{i \geq 3} D_i}$$

If a student repeats a course or is declared fail in a subject, then only the grade points obtained in the latest attempts are counted towards CPI. CPI will be calculated in every semester with SPI, so that a student knows how his CPI is changing.

10.8 AWARD OF CLASS OR DIVISION

10.8.1 The class/division awarded to a student with MCA Degree is decided by the student's current percentage of marks as per the following table

- Distinction or Honours : $75\% \leq \text{Mraks} \leq 100\%$
- Class I : $65\% \leq \text{Mraks} < 75\%$
- Class II : $50\% \leq \text{Mraks} < 65\%$

10.8.2 Division shall be awarded only after the sixth and final semester examination, based on integrated performance of the candidate for all the four years.

10.8.3 No candidate shall be declared to have passed the final MCA unless he/she has fully passed all the previous examinations of the sixth semesters. The results of the sixth and final semester of those candidates who have not passed examination of any previous semester will be withheld. They, however, will be informed about the deficiency. He/she shall be deemed to have passed the final MCA examination in the year in which he/she passes all the examinations of all eight semesters.

10.9 TRANSCRIPT

~~The transcript issued to a student after completion of the course will contain consolidated record of all the courses taken by the student, grades obtained and the final CPI with class or division obtained.~~

Original
Clause

The transcript issued to a student after completion of the course will contain consolidated record of all the courses taken by the student, grades obtained and the final CPI with class or division obtained.

“However Transcript may also be issued to a student after completion of the 1st semester”.

***(Highlighted portions modified and approval accorded by Hon'ble Governor on 07.10.2021)**

Amendment
Clause
dt.07.10.2021

11.0 RETOTALING OF MARKS AND REVALUATION

11.1 RETOTALING:

11.1.1 Any candidate, who has appeared in an examination conducted by the University, may apply to the Controller of Examination for retotaling of the marks for any one or two theory subjects.

11.1.2 Such applications must be made on the prescribed forms along with the requisite fee within 15 days from the date of declaration of result to the respective Principals of the Institution in which the candidate is studying.

11.1.3 The work of retotaling i.e. re-totalling does not include re-examination of the answer books. It is done with a view to see whether there has been any mistake in totaling of the marks assigned to individual answers or in the form of omitting the marks assigned to any answer.

11.2 *REVALUATION

- 11.2.1 The candidate may apply to the Controller of Examination of the University for revaluation of his/her answer scripts for any one or two theory subjects.
- 11.2.2 Such Application must be made on the prescribed form along with the requisite fee within 15 days from the date of declaration of the result to the respective Principals of the Institution in which candidate is studying.
- 11.2.3 If, on revaluation a mistake in the result originally published is detected, necessary correction shall be notified by the University. In all other cases, the result shall be communicated to the candidate, as soon as possible through the respective institute.

Original Clause

- 11.2.1 A regular candidate may apply to the Registrar for revaluation of his/her answer books in the prescribed form within 10 days from the declaration of the result of the regular examination. The revaluation of the answer book will not be applicable for back log papers.**
- Provided that no candidate shall be allowed to avail the facility of revaluation in more than two papers.**
- Provided also that no revaluation shall be allowed in case of scripts of practicals, field work, sessional work tests and thesis submitted in lieu of paper at the examination.**

Amendment Clause
Dt. 20.04.2011

**(Highlighted portion modified and approval accorded by Hon'ble Governor on 20.04.2011)*

- 11.2.1 A candidate may apply to the Registrar for revaluation of his/her answer books in the prescribed form within 10 days from the declaration of the result of the regular examination.**
- Provided that no candidate shall be allowed to avail the facility of revaluation in more than two papers.**
- Provided also that no revaluation shall be allowed in case of scripts of practicals, field work, sessional work tests and thesis submitted in lieu of paper at the examination.**

Re-Amended Clause
Dt.03.05.2014

- 11.2.1 A candidate may apply to the Registrar for revaluation of his/her answer books in the prescribed form within 10 days from the declaration of the result of the regular examination.**
- Provided also that no revaluation shall be allowed in case of scripts of practicals, field work, sessional work tests and thesis submitted in lieu of paper at the examination.**

II Re-Amended Clause
Dt.04.12.2021

**(Highlighted portion modified and approval accorded by Hon'ble Governor on 04.12.2021)*

- 11.2.2 If, on revaluation a mistake in the result originally published is detected, necessary correction shall be notified by the University. In all other cases, the result shall be communicated to the candidate, as soon as possible through the respective institute.

- 11.3** No retotaling or revaluation shall be allowed in case of practicals, teacher's assessment and class tests by the University.
