



क्रमांक 3906/7273/2017/रास/यू-5,

रायपुर, दिनांक 30/08/2018

प्रति,

कुलसचिव

छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई  
नेवई, पोस्ट-नेवई, जिला- दुर्ग (छत्तीसगढ़) - 491 107.

विषय :- छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय अध्यादेश क्रमांक-33  
(Ordinance for 5 Year Integrated MCA Course) का अनुमोदन विषयक ।

संदर्भ :- आपका पत्र क्रमांक : छस्वावितवि/प्रशा./2018/834, दिनांक 12.04.2018,  
दिनांक 05.06.2018 एवं दिनांक 04.07.2018.

छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय अधिनियम, 2004 की धारा  
39 (2) में निहित प्रावधान अंतर्गत, कार्य-परिषद द्वारा पारित अध्यादेश क्रमांक-33 (Ordinance  
for 5 Year Integrated MCA Course) का माननीया कुलाधिपति, छत्तीसगढ़ स्वामी विवेकानंद  
तकनीकी विश्वविद्यालय, भिलाई द्वारा अनुमोदित किया गया है, उक्त अध्यादेश दिनांक  
27.08.2018 से प्रवृत्त होगा ।

संलग्न :- उपरोक्तानुसार ।

( आर.पी. पाण्डेय )

राज्यपाल के अवर सचिव

राजभवन छत्तीसगढ़

पृष्ठा. क्रमांक /7273/2017/रास/यू-5

रायपुर, दिनांक /08/2018

प्रतिलिपि :-

कुलपति, छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, नेवई, पोस्ट-  
नेवई, जिला-दुर्ग (छत्तीसगढ़) - 491 107.

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राजभवन छत्तीसगढ़



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रायपुर, दिनांक / 08 / 2018

प्रति,

कुलसचिव

छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई  
नेवई, पोस्ट-नेवई, जिला- दुर्ग (छत्तीसगढ़) - 491 107.

विषय :- छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय अध्यादेश क्रमांक-33  
(Ordinance for 5 Year Integrated MCA Course) का अनुमोदन विषयक ।

संदर्भ :- आपका पत्र क्रमांक : छस्वावितवि/प्रशा./2018/834, दिनांक 12.04.2018,  
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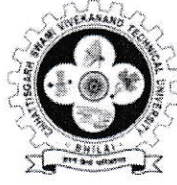
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प्रतिलिपि :-

कुलपति, छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, नेवई, पोस्ट-  
नेवई, जिला-दुर्ग (छत्तीसगढ़) - 491 107.

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राजभवन छत्तीसगढ़



# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Ordinance No. 33  
(Under Section 38)

Ordinance for 5 year Integrated MCA Course  
(w.e.f. the session 2017-18)

1.0 The Integrated program of 5 years ( 10 semesters) Course shall be designated as Integrated Master of Computer Applications and abbreviated as Integrated M.C.A

## 2.0 Admissions

- 2.1 A candidate seeking admission to this course must have passed 10+2 examination (CGBSE or equivalent) with Mathematics as compulsory subjects with at least 45% marks (40% in case of candidates belonging to SC/ST/Physically handicapped category) in the basic subjects taken together.
- 2.2 The admissions to the course shall be governed by the admission rules issued by AICTE/State Government from time to time.
- 2.3 Admission to N.R.I seats shall be made on the basis of merit of qualifying examination as in 2.1 from among such applicant at the Institution level as per rules notified by the State Government.

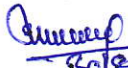
## 3.0 Examinations

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

3.2 These examinations shall be named as follows:

(a) Integrated(MCA) First Year	-First semester - -Second semester -	I semester II semester
(b) Integrated(MCA) Second Year	-Third Semester - -Fourth semester -	III semester IV semester
(c) Integrated(MCA) Third Year	- Fifth semester - - Sixth semester -	V semester VI semester
(d) Integrated(MCA) Fourth Year	- Seventh semester- - Eighth semester-	VII semester VIII semester
(e) Integrated(MCA) Fifth Year	-Ninth semester- -Tenth semester-	IX semester X semester

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- 3.3 The examination of I, III, V, VII, IX Semesters, called as Odd Semesters, shall be generally held in the months of November – December and that of II, IV, VI, VIII and X Semesters, called Even Semesters, shall be held in the months of April – May.
- 3.4 The X 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 The candidate shall not be allowed to appear in tenth and final semester examination unless he/she has fully cleared all the previous semester.
- 3.8 A candidate shall have to pass all the ten semester examinations within a maximum period of ten years of his/her admission to the first semester of 5-Year Integrated Degree M.C.A. Programme failing which he/she will be deemed to be unfit for the programme
- 3.9 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 semesters or two continuous years of studies in any case.

#### 4.0 Passing of Examinations

- 4.1 In order to pass Integrated (MCA) Examination of any semester, a candidate shall have to secure following percentage of minimum marks:
- 4.1.1 40% of the maximum marks allotted to each Theory Paper .
- 4.1.2 50% of maximum marks allotted to each practical/vice-voce.
- 4.1.3 60% of the maximum marks allotted to each sessional/ Term work/Teacher assessment.
- 4.1.4 There is no restriction of minimum passing marks in Class Test (CT).
- 4.1.5 50% of total aggregate marks in semester.

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- 4.2 At the end but before the examination of the tenth 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 the said project.

## 5.0 Basis of Credits

- 5.1 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,  $\text{Credit} = \{ L + (T+P)/2 \}$ . Credit in a subject will be a full, not a fractional number. If a credit in a subject turns out in fraction than it will be taken as next full number.
- 5.2 A candidate shall earn all the credits allotted to a semester only when he/she passes the said semester.

## 6.0 Awards of Division

- 6.1 No division shall be awarded upto ninth semester in MCA
- 6.2 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:

6.2.1 75% and above First Division with distinction/Honours.

6.2.2 Less than 75% but not less than 65% First Division

6.2.3 Less than 65% Second Division

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

## 7.0 Merit Lists

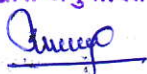
- 7.1 Merit list of first 10 candidates in the order of merit shall be declared at the end of tenth & Final semester on the basis of the integrated performance of all the semesters. The merit list shall include the first Ten candidates securing at least First Division and passing all semesters in single attempt.

## 8.0 Eligibility For Appearing in The Examination

- 8.1 Candidate appearing as regular student for any semester examination shall be required to attend at least 85% 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.
- 8.2 A candidates who has filled up the examination form and deposited the required amount of examination fees, will be eligible to appear in the EXAMINATION, provided he/she has completed the required 85% of attendance in each theory and

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practical subject, and also completed the prescribed sessional work i.e., teacher's assessment work as provided in the scheme of examination, and has secured 60% marks in Teacher's Assessment Work of each theory & practical.

8.3 A candidate who has filled up the examination form and deposited the required amount of examination fees, will be eligible to appear in the EXAMINATION, but a candidate who has not completed the required 85% of attendance in each theory and practical subject, will be detained from appearing in the semester EXAMINATION and similarly, if the candidate has not completed the sessional work i.e. Teacher's Assessment Work, will also be detained from appearing in the semester examination. The completion of sessional works means that the candidate has successfully completed the sessional work by attending classes/practicals regularly and has secured a minimum of 60% marks in Teacher's Assessment Work of each theory & practical.

8.4 A candidate who has neither filled examination form nor deposited the required amount of Examination fees and/or detained due to lack of prescribed attendance or submission of sessionals, will have no claim for appearing in the semester examination, and will have to repeat the course. The student will be granted readmission in the same semester which shall commence after about a year as regular student.

9.0 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.

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

#### 11.0 Eligibility of Admission in a Semester

A candidate shall be eligible for admission to V, VI, VII, VIII, IX semesters, provided he/she has passed I, II, III, IV and V semesters, respectively. The candidate shall not be allowed to take admission in tenth & final semester unless he/she has fully cleared all the previous semester.

11.1 Carry Over: A candidate shall be allowed to carry over all the subjects, i.e. theory and practical of a semester in the higher semester as per section 11 above. He/She shall be required to clear the next ESE only in those subjects (theory/practical) in which he/she was awarded WW or FI or FF grades.

#### 12.0 Assessment and Grading

##### 12.1 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

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which will be shown to the students along with test answer books and will be communicated the University. However, ESE will have to be conducted by the college/institute through affiliating university. Weightages of CT, TA and ESE will be as per the scheme of examination.

## 12.2 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.

## 12.3 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 < Marks < 100%,	90 < Marks < 100%,
A	75 < Marks < 85%,	82 < Marks < 90%,
B+	65 < Marks < 75%,	74 < Marks < 82%,
B	55 < Marks < 65%,	66 < Marks < 74%,
C+	45 < Marks < 55%,	58 < Marks < 66%,
C	35 < Marks < 45%,	50 < Marks < 58%,
F	0 < Marks < 35%,	0 < Marks < 50%,

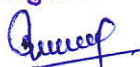
Thus letter grades A+, A, B+, B, C+, C, and F and the corresponding Grade Point.

## 12.4 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,

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so eligible to appear in one or two subjects (theory only) of one's choice.

### 12.5 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.

### 12.6 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.

### 12.7 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 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

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

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.

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### 13.0 Award of Class or Division

13.1 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:

- First Division with distinction/Honours: 75% < Marks < 100%
- First Division : 65% < Marks < 75%
- Second Division : 50% < Marks < 65%

13.2 Division shall be awarded only after the tenth & final semester examination, based on integrated performance of the candidate for all the five years with 50% weightage of I and II semester marks and 100% for remaining semesters.

### 14.0 Rules for Condonation of Deficiency in Marks

The Kulpati may award one grace mark in case the candidate is failing by one mark in total of a subject or in aggregate or missing a division by one mark. This facility shall be available only to those candidates who clear that particular semester examination in full (i.e. in all theory, Practicals and sessionals).

### 15.0 Transcript

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

### 16.0 Retotaling of Marks and Revaluation


#### 16.1 Retotaling

16.1.1 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.

16.1.2 Such applications must be made on the prescribed forms along with the requisite fee within 10 days from the date of declaration of result to the respective Principals of the Institution in which the candidate is studying.

16.1.3 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.

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## 17.0 Revaluation

17.1 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.

17.2 Such application must be made on the prescribed form along with the requisite fee within 10 days from the date of declaration of the result to the respective Principals of the Institution in which candidate is studying.

17.3 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.

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

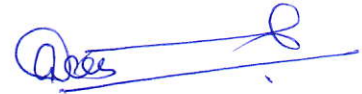
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