

*** ORDINANCE - B.SC. (COMPUTER SCIENCE) (3-YEAR) PROGRAMME
(SEMESTER SYSTEM)**

- 1.1 The duration of the course leading to the Degree of B.Sc. (Computer Science) shall be three academic years. Each year shall be divided into two semesters i.e. July to December and January to June. There shall be actual teaching of 90 days in each semester excluding admissions, preparatory holidays and examination days. The examinations for the First, Third and Fifth semesters will ordinarily be held in the month of December/January and for the Second, Fourth and Sixth Semesters in the month of May/June, on such dates as may be fixed by the Vice-Chancellor and notified by the Controller of Examinations.
- 1.2 Supplementary examinations for re-appear candidates of each semester will be held in December/January and May/June examinations simultaneously with the main examinations of Odd and Even Semester.
- 2.1 A person who has passed Senior Secondary (10+2) examination with atleast five subjects including the subjects of English and Mathematics from a recognized Board/University shall be eligible to join the first semester of the course.
- 2.2 A candidate who has been placed under Compartment or re-appear in one subject only in 10+2 Examination or any other examination recognized as equivalent thereto, may be allowed to admit provisionally for First semester of the course. Such a candidate shall be allowed to clear the Compartment/re-appear subject in two consecutive chances from concerned University/Board. If such a candidate fails to clear/qualify in Compartment/re-appear subject at the Supplementary Examination, he/she shall be permitted to continue his/her studies for Second semester of the course and to appear again in the compartment /re-appear subject alongwith Second semester of the above course at the Annual Examination. If he/she does not clear his/her Compartment/re-appear subject even in the Second Chance, his/her provisional admission/result of First and Second Semester shall be cancelled ab-initio.
3. The First and subsequent Semester examinations shall be open to a regular student who:-
- (i) has passed the requisite qualifying examination as laid down in Clause 2.1 & 2.2 above, as the case may be, if he/she is a candidate for the First Semester examination, *or*, has passed the preceding Semester examination if he/she is a candidate for the Second/Third/Fourth/Fifth/Sixth Semester examination.
- (ii) has his/her name submitted to the Controller of Examinations by the Principal of the Institute and produces the following certificates signed by the Principal of the Institute :-
- (a) of good character;
 - (b) of having remained on the rolls of the constituent Unit of this University for the Semester preceding the examinations;
 - (c) of having attended not less than 75% of lectures delivered in each Paper, Practical, Seminars etc. upto the last day when the classes break up for the preparatory holidays viz. 7 days before the commencement of the examinations.

Provided that a candidate who has not attended the requisite percentage of lectures in any paper(s) will be eligible to take examination in the remaining papers.

Explanation:

For the purpose of counting of the last date when the classes shall break up for the preparatory holidays, first day of the commencement of any semester examination will apply to all semester examinations and all semester classes will have the preparatory holidays from the same date i.e. 7 days before the date on which the first examination of any semester commences.

4. The Principal of the Institute is empowered to condone the shortage of attendance upto 10% of the total lectures delivered in each subject in exceptional cases on reasonable grounds.
- 5.1 A candidate who has passed I or II or III or IV or V Semester shall be eligible to join the next Semester II, III, IV, V, VI of the course, as the case may be. This is, however, subject to Clauses 5.2, 5.3 and 6 below.
- 5.2 A candidate who has failed in one or more paper(s) of I and II, and III and IV Semesters shall be promoted provisionally to the III and V Semesters respectively, as the case may be, only if he/she has earned exemption in the papers as mentioned below:-

From Semester I & II to Semester III	If he/she earned exemption in at least 50% papers (Theory and Practicals taken together) of Semesters I and II.
From Semesters III and IV to Semester V	If he/she has passed all the papers of Semesters I and II and has earned exemption in at least 50% papers (Theory and Practicals taken together) of Semesters III and IV.

- 5.3 A candidate who has failed in one or more paper(s) or having been eligible fails to appear in a semester examination shall be allowed two additional chances only, on the recommendation of the Principal of the Institute, to pass the Semester examination subject to Clause 6 below. Such a candidate may be exempted from re-appearing in the papers/practicals/Sessionals in which he/she may have obtained at least 40% marks.
6. A candidate for the B.Sc. (Computer Science) degree must pass the whole course (all the six semesters) within a period of five years, failing which he/she will be required to repeat the course de novo.
7. The examination shall be held according to the Scheme of Examination and the Syllabus prescribed by the Academic Council. A candidate who fails in an examination or having been eligible fails to appear at an examination, shall, unless approved otherwise by the Academic Council take the examination according to the Syllabus prescribed by the University for regular students appearing for that examination.
- 8.1 **SESSIONALS:**
40% marks in each Theory paper shall be assigned internal assessment/ sessional and 60% marks in each paper for end-term examination shall be reserved. However for Practical courses 60% marks shall be reserved for internal assessment and 40% marks for end-term examination.

The Sessionals be evaluated by the teachers concerned based on the work done during the semester on the basis of the following weightages:

(a) For Theory Subjects:

(i)	Class Tests	40%
(ii)	*Class Attendance (Lecture/Tutorial)	40%
(iii)	Class Work/Assignment/Case Studies	20%

(b) For Practical Tests:

(i)	Viva-Voce/Test	20%
(ii)	Laboratory Record	20%
(iii)	*Class Attendance	40%
(iv)	Class work	20%

*(Marks will be awarded proportionate to attendance.)

For Seminar courses, the marks will be awarded by the Teacher In-charge of the Seminar.

- 8.2. The candidate is required to obtain Pass Marks in each of the Theory and Practical papers in aggregate of the external and internal assessment/sessionals subject to obtaining pass marks separately in each paper of external examinations. The internal assessment award of any candidate who fails in one or more papers of any semester examination shall be carried forward to the next examination. He/She will, however, be allowed to improve his/her marks of sessional examinations at the time of appearing in the Re-appear Papers.
- 8.3 The Principal of the Institute shall forward the sessional awards to the Controller of Examinations at least one week before the commencement of Semester examination.
- 9.1 The question papers will be set and answer- books examined by the external examiner (s) from a panel approved by the Academic Council as recommended by the Board of Studies.
- 9.2 The Practical/Viva-Voce shall be jointly conducted by an External Examiner and Internal Examiner approved by the Academic Council on the recommendation of the Board of Studies.
10. The amount of examination fee for each Semester examination shall be as prescribed by the University. A candidate who re-appears in one or more paper(s) shall pay fee as for the whole Semester examination.
11. The medium of instruction and examination shall be English.
12. The minimum number of marks required to pass the examination in each Semester shall be, as under:
- (i) 40% in each written paper/practical/seminar/viva-voce examination.
 - (ii) 40% in the aggregate of Sessional and external examination marks for each theory subject/practical paper subject to obtaining pass marks separately in each paper of external examination.

13.1 CREDIT-BASED SYSTEM OF EVALUATION:

Credit based system followed in the University in order to determine the performance of the candidates will be as under:-

CREDIT COUNTS:

All courses would have a Credit Count and teaching of subjects would be reckoned in terms of Credits. The number of credits of a course shall ordinarily be calculated as under:-

- (a) LECTURES : One Lecture per week shall be assigned **ONE** credit.
- (b) TUTORIALS : One Tutorial per week shall be assigned **ONE** credit.
- (c) PRACTICALS : One Lab. Period per week shall be assigned **HALF** a credit.
- (d) SEMINAR : **ONE** credit.

13.2 GRADING:-

- (i) The Academic Performance of a student shall be graded on a TEN-POINT SCALE. The award of Grades based upon marks obtained out of 100 shall be made as follows:

<u>Marks</u>		<u>Grade</u>
86-100	-	O
76-85	-	A+
66-75	-	A
56-65	-	B+
51-55	-	B
46-50	-	C
40-45	-	P
Below 40	-	F

- ii) Letter grade will be awarded to the candidates. Each letter grade indicates the level of performance in the course and has a grade point for purpose of computing the Semester Grade Point Average (SGPA) / Cumulative Grade Point Average (CGPA) as given below:-

<u>Letter Grade</u>	<u>Performance</u>	<u>Grade Point</u>
O	Outstanding	10
A+	Excellent	9
A	Very Good	8
B+	Good	7
B	Above Average	6
C	Average	5

P	Pass	4
F	Fail	(required to re-appear in the examination)

SGPA:- indicates the performance of the student in the current semester and is computed as below:

$$= \frac{\text{Grade points earned in the Current semester}}{\text{Total credits in the semester.}}$$

CGPA:-

It indicates the performance of a student since his/her entry into the course including the current semester.

CGPA is the weighted average of all the grades awarded to a student since his/her entry into the University upto and including the latest Semester and computed, as follows :-

$$\text{CGPA} = \frac{\sum C_i G_i}{\sum C_i}$$

$$= \frac{\text{Total Grade Points earned since his/her entry}}{\text{total credits.}}$$

Where C_i denotes credits assigned to the i^{th} course and G_i indicates the grade point equivalent to the letter grade obtained by the candidate in the i^{th} Course.

iii) The division obtained by each student will be classified on the following basis:

Division	C.G.P.A.
First with Distinction	8.0 or more
First	6.75 or more but less than 8.0
Second	below 6.75

iv) The following conversion formula will be used for calculating the percentage of marks from CGPA:

$$\text{Percentage of marks obtained by a student} = (9.0 \times \text{CGPA})$$

14. After the termination of the examination, the Controller of Examinations shall publish the result of candidates and issue Grades Cards as expeditiously as possible.
15. Notwithstanding the integrated nature of this course, which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of the academic year and nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance and the amended Ordinance, if any, shall apply to all students whether old or new.

*Approved AC Res. No. 18 dated 3-11-2016 and BOM Res. No. 10 dated 13-2-2017.