

ORDINANCES AND OUTLINES OF TESTS, SYLLABI AND COURSES OF READING

FOR

BACHELOR OF COMPUTER APPLICATIONS (B.C.A)

Programme Code: BCASSD

(SEMESTER SYSTEM)

PART-I

(Semester 1 and 2)

For

SESSION 2024-25 onwards



DEPARTMENT OF COMPUTER SCIENCE

SHRI SANATAN DHARAM GIRLS' COLLEGE, BATHINDA

An Autonomous College

Re-Accredited 'A' Grade by NAAC

(under aegis of SSD Sabha(regd.), Bathinda)

ORDINANCES OF
ALL DIPLOMA COURSES OF ONE YEAR DURATION
UNDER
DEPARTMENT OF COMPUTER SCIENCE

Notwithstanding the integrated nature of a course spread over more than one semester, the ordinances in force at the time, a student joins a course shall hold good only for the examination held during or at the end of the semester. Nothing in these ordinances shall be deemed to debar the College from amending the ordinances subsequently and the amended ordinances, if any, shall apply to all the students whether old or new.

1. Structure and Duration of the Programme:

- a) Bachelor of Computer Applications three years on campus programme is a professional course spread over three years to be called Semester I, II, III, IV, V and VI. The end-semester examination for odd semesters, i.e. Semester I, III, V shall be held in the month of November/ December and for even semesters, i.e. Semester II, IV, VI in the month of May/June or on such other dates as may be decided by College.
- b) The course shall be offered by the Department of Computer Science, SSD Girls' College, Bathinda.
- c) The programme of instruction will consist of:
 - Core courses
 - Laboratory courses

The nomenclature, modalities and other details of the core theory courses and the laboratory work will be as decided by the concerned academic bodies of the College.

- d) Semester I, II, III, IV, V and VI will be regular semesters consisting of theory and practical classes.
- e) The outlines of tests and syllabi and the evaluation shall be such as prescribed by the concerned Board of Studies from time to time.
- f) Maximum period for completing the degree shall be five years for Bachelor of Computer Applications three years regular course.
- g) The medium of instructions as well as examination shall be English only except for Punjabi paper.

2. Number of Seats:

Total number of seats in Bachelor of Computer Applications three years course shall be 100. The distribution of seats and other additional seats will be as per College norms as decided upon from time to time.

3. Eligibility of Admission:

The admission to Bachelor of Computer Applications three years course shall be open to candidates who are eligible under the following conditions:

- a) Passed 10+2 from any state or central board of education in any stream with at least 50% marks in aggregate (45% marks for SC/ST and differently-abled persons with at least 40% disability).

4. Basis for Admission:

Admission to Bachelor of Computer Applications three years course will be made purely on the basis of the merit of the qualifying examination and/or entrance test to be determined by Board of Studies.

5. Attendance:

Attendance is taken compulsorily by the teacher.

A candidate admitted to the Bachelor of Computer Applications three years Course must fulfill the following requirements:

- i. Has been on the rolls of the Department throughout the semester preceding the examination.
- ii. Every candidate will be required to attend a minimum of 75% of the delivered number of periods in each subject (Theory/Practical).
- iii. For late admission, the counting of lectures will be considered from the date of deposit of fee.
- iv. In case of students, whose names are struck off on account of non-payment of fee, their periods, for the time they were not on the rolls, shall not be accounted for.
- v. The shortage in the attendance of lectures by the candidate will be condoned as College rules applicable from time to time.

6. Schedule for Examination Fees:

Candidates shall submit their Examination forms for admission to the examination duly countersigned by the Head of the Department/ Principal of the College. The candidate

will be required to pay examination fees as per the schedule prescribed by College from time to time.

7. Minimum Requirements to Continue the Programme:

1)

- (a) In each theory paper, 30% of the total marks are assigned to the continuous assessment and 70% marks to the External examination; and in each laboratory practical paper, 40% of the marks are assigned for continuous assessment and 60% marks for External Evaluation. The minimum number of marks required to pass each theory and practical examination shall be 35% in each paper in aggregate, provided the candidate gets minimum 35% marks individually in the continuous assessment as well as minimum 35% marks individually in the External examination.
- (b) When a candidate has failed or is placed under 'reappear' in the External examination but passes in the continuous assessment, the marks of continuous assessment shall be carried forward for subsequent examinations. If a candidate has failed or is placed under 'reappear' in the continuous assessment, but passes in the External examination, the marks in the External examination shall be carried forward for subsequent examinations. In that case, the candidate will have to improve his/her score in the continuous assessment by taking only a single test covering entire syllabus for that subject, which will consist of total marks assigned to internal Assessment for that paper (theory or practical). Such candidate will have to inform the Department in writing and in turn the test will be scheduled by the Department. The candidate shall also be entitled to grace marks as admissible under the ordinances relating to the **'GENERAL GRACE MARKS'**.

2)

- (a) There will be no condition of passing papers for promotion from odd semester to even semester in an academic session.
- (b) To qualify for admission to Second year of the Bachelor of Computer Applications three years course, the candidate must have passed 50% of total papers of the two semesters of the First year. Similarly, to qualify for admission to Third year of the course, the candidate should have passed 50% of total papers of four semesters of the earlier two years.
- (c) A candidate placed under re-appear in any paper, will be allowed two chances to clear the reappear which should be availed within consecutive two years/chances, i.e. to pass in a paper, the candidate will have a total of three chances, one as regular student and two as a reappear candidate.
- (d) The examination of the reappear papers of odd semester will be held with regular examination of the odd semester and reappear examination of even

semester will be held with regular examination of even semester. But if a candidate is placed under reappear in the last semester of the course, he/she will be provided chance to pass the reappear with the examination of the next semester, provided his/her reappear of lower semester does not go beyond next semester. Option of re-evaluation shall be available to the candidates as per the general ordinances of the College.

- 3) Subject to fulfillment of requirements of Ordinance 7(1) and 7(2), a candidate shall be allowed to join:
 - (a) Second Semester: Provided that he/she has undergone a regular course of studies of First Semester as provided under the regulations and fulfills the conditions as laid in Ordinance 5 for each semester.
 - (b) Third Semester: Provided that he/she has undergone a regular course of studies of First and Second Semester as provided under the regulations and fulfills the conditions as laid in Ordinance 5 for each semester.
 - (c) Fourth Semester: Provided that he/she has undergone a regular course of studies of First, Second and Third Semester as provided under the regulations and fulfills the conditions as laid in Ordinance 5 for each semester.
 - (d) Fifth Semester: Provided that he/she has undergone a regular course of studies of First, Second, Third, and Fourth Semester as provided under the regulations and fulfills the conditions as laid in Ordinance 5 for each semester.
 - (e) Sixth Semester: Provided that he/she has undergone a regular course of studies of First, Second, Third, Fourth, and Fifth Semester as provided under the regulations and fulfills the conditions as laid in Ordinance 5 for each semester.

8. System of Tests and Weightage:

The system of tests will comprise of Internal assessment and External examination for theory papers and laboratory papers for Semester I, II, III, IV, V, and VI for Bachelor of Computer Applications three years course. The following will be the criteria of weightage for each theory paper/ practical lab paper:

Continuous Assessment (Theory Papers)	Continuous Assessment (Practical Labs)
---------------------------------------	--

<p>Maximum Marks for Continuous Assessment (Theory Paper): 30</p> <p>1. Two tests will be conducted during the semester. Both the tests will be considered for assessment: 60% of the marks allotted for continuous assessment.</p> <p>2. Assignments/Quizzes: 30% of the marks allotted for continuous assessment.</p> <p>3. Attendance: 10% of the marks allotted for continuous assessment.</p>	<p>Maximum Marks for Continuous Assessment (Practical Lab): 20</p> <p>1. Two tests will be conducted during the semester. Both the tests will be considered for assessment: 60% of the marks allotted for continuous assessment.</p> <p>2. Lab Assignments: 30% of the marks allotted for continuous assessment.</p> <p>3. Attendance: 10% of the marks allotted for continuous assessment.</p>
External Examination (Theory Papers)	External Evaluation (Practical Labs)
<p>Maximum Marks for End-Semester theory examination: 70.</p> <p>End-Semester Examination for theory papers will be of 3 hours duration. The question paper will consist of three Sections: A, B and C. Sections A and B will have four questions - each from the respective section of the syllabus and each question will carry 12 marks. Section C will consist of 11 short-answer type questions of 2 marks each covering the entire syllabus uniformly and will carry 22 marks in all. Candidates are required to attempt five questions in all. Candidates are required to attempt five questions in all, selecting two questions each from section A and B and compulsory question of section C.</p>	<p>Maximum Marks for End-Semester Practical examination: 30</p> <p>The examiner will give due weightage to Logic development/Program execution, Lab records and viva-voce of the student while awarding marks to the student during end-semester final practical examination.</p>

9. Declaration of Results:

After the termination of examination or as soon thereafter as possible, the Registrar shall publish the result of the candidates. Each candidate shall receive a certificate indicating

details of marks obtained in each examination. Successful candidates at the end of Semester VI examination shall receive a Bachelor of Computer Applications three years certificate stating the Division according to Ordinance 10.

10. Award for Division and Distinction:

Successful candidates who obtain

- 75% marks or more in aggregate in a single attempt without any reappear in any subject/paper shall be placed in **First Division with Distinction**.
- 60% marks or more in aggregate in a single attempt without any reappear in any subject/paper shall be placed in **First Division**.
- 50% marks or more in aggregate in a single attempt without any reappear in any subject/paper shall be placed in **Second Division**.
- Below 50% shall be placed in the **Third Division**.