

*Ordinance - Bachelor of Science (B.Sc) Biotechnology Examination

(w.e.f. the Academic session 2013-14)

1.1 The duration of the course leading to the degree of B.Sc Biotechnology 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. The examination for First, Third, Fifth Semesters will ordinarily be held in the month of December/January and for the Second, Fourth, 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 examination for re-appear candidates will be held as under:-

Semester	When held
First Semester	Alongwith the Third Semester
Second Semester	Alongwith the Fourth Semester
Third & Fifth Semester	Alongwith or after the Fourth Semester
Fourth & Sixth Semester	Alongwith or after the Third Semester

2.1 A candidate who has passed 10+2 examination with Science stream having at least five subjects including English as one of the subjects or equivalent examination from a recognized University/Board with at least **50% marks in aggregate (45% in the case of reserved category)** shall be eligible to seek admission to the first semester of this 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, obtaining at least **50% marks in the aggregate considering the minimum pass marks in re-appear paper**, 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 the 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 first semester of the course and to appear again in the compartment /re-appear subject alongwith first semester of the 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 semester shall be cancelled ab-initio.

3. The first and subsequent semesters examination shall be open to a regular student who:-

(i) has passed the requisite qualifying examination as laid down in Clause 2 above if he is a candidate for the first semester examination or has passed the preceding semester examination if he is a candidate for the second/ third/ fourth/ fifth/ sixth semester examination, as the case may be. This is, however, subject to Clause 8 below.

(ii) has his/her name submitted to the Controller of Examinations by the Head of the Department and produces the following certificates signed by the HoD:-

(a) of good character;

(b) of having remained on the rolls of the Department/College of this University for the semester preceding the examination;

- (c) of having attended not less than 75% of the total number of lectures delivered in each subject/paper(s). This requirement shall be fulfilled separately for each course of study. (The attendance shall be counted upto the date of commencement of preparatory holidays i.e. 7 days before the commencement of the examination.)

The Head of the Department may condone the shortage of attendance upto 10% of the total lectures delivered in each subject/paper(s) in exceptional cases on reasonable ground.

Provided that the candidate who has not attended the requisite number of classes for any subject(s) will be eligible to take examination in the remaining subjects. Provided further that a candidate who is deficient in attendance shall have to repeat those courses in which he/she is deficient, in the immediate subsequent session.

Explanation:

For the purpose of counting of last date when the classes shall disperse for the preparatory holidays, first day of the commencement of examination will apply to all the examinations and classes for all semesters will have preparatory holidays from the same date, i.e. 7 days before the date of commencement of examination.

4. 40% marks in each theory paper shall be assigned for Internal Assessment/Sessionals and 60% marks in each theory paper for end term examination shall be reserved. However, for Practical courses 60% marks shall be reserved for Internal Assessment/Sessionals and 40% marks for end term examination.

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

I For Theory Subjects:

(i) Class test (Two best of three)	40%
(ii) *Class Attendance (Lecture/Tutorial)	40%
(iii) Class Work	20%

II For Practicals:

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

*(Marks will be awarded proportionate to the attendance.)

The marks in the Sessional Work shall be awarded by the teacher concerned and countersigned by the Head of the Department and the same be forwarded to the Controller of Examinations one week before the commencement of examination of the Semester.

- 5.1 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, have the option to improve his/her marks of sessional examinations in the concerned paper(s) at the time of appearing in the Re-appear papers.

- 5.2 The Head of the Department shall preserve the record of Internal Assessment, for inspection, if needed by the University upto 6 months from the date of declaration of the results.
6. Every candidate shall be examined according to the Scheme of Examination and Syllabus as approved by the Academic Council from time to time. A candidate who fails in an examination or fails to appear in an examination shall take the examination according to the Syllabus prescribed by the university for regular students appearing for that examination.
7. The question papers will be set and answer books examined by the external examiners as recommended by the Board of Studies and approved by Academic Council.
8. A candidate who has completed the prescribed course of instruction in the Department for any semester examination but does not appear in it, or having appeared fails, may be allowed on the recommendation of the Head of the Department, to appear/ re-appear in the semester examination /paper(s) only twice, as the case may be, without attending a fresh course of instruction, at the Supplementary Examination as specified in Clause 1.2 above.
- While re-appearing in the examination, the candidate shall be exempted from re-appearing in the Papers (s) and /or Practical (s) in which he has obtained 40% marks including the marks for internal assessment.
9. A candidate who has failed in one or more paper(s) of I & II, or III & IV Semesters shall be promoted provisionally to the III, V Semesters, 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 has earned exemption in at least 50% papers of Semesters I and II (Theory and Practicals taken together).
From Semesters III and IV to Semester V	If he/she has passed all the papers of Semesters I & II and has earned exemption in at least 50% papers of Semesters III and IV (Theory and Practicals taken together).

10. A candidate who fails to pass all the six semester examinations within a period of five years of his/her admission to the first semester of B.Sc. Biotechnology course shall have to repeat the course de novo.
11. The amount of examination fee to be paid by a candidate for each semester shall be the same as prescribed by the University from time to time. However, a candidate who has to re-appear in one or more subjects/papers shall pay examination fee as prescribed for the whole examination.
12. The medium of instruction and examination shall be English.
13. The minimum pass marks for any Semester examination shall be:-
- (i) 40% in each Written paper, Practicals/Viva-voce examination separately.
 - (ii) 40% in the aggregate of Internal assessment and external examination marks for each Theory subject(s)/Practical papers subject to obtaining pass marks separately in each paper of external examination.

Provided that a candidate, who fails to obtain the requisite marks in aggregate of sessional and external examination as provided in Clause 13 (ii) above, shall be required to re-appear in the examination in the concerned subject in the subsequent examination (s). Such a candidate will have the option to repeat the sessional sessionals also.

14. CREDIT-BASED SYSTEM OF EVALUATION:

Credit- based system followed in the University in order to determine the division & performance of a candidate will be as under:-

i) **Credit Count:-** All subjects would have a credit count and teaching of subjects would be reckoned in terms of Credits. The numbers of credits of a subject shall ordinarily be calculated as under:-

(a) LECTURES/TUTORIALS: One lecture per week shall be assigned one credit. For One tutorial period per week, HALF a credit is to be assigned.

(b) PRACTICALS: One lab period per week shall be assigned HALF a credit.

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:

MARKS		GRADE		MARKS
86	≤ and above upto	O	<	100
76	≤ and above upto	A+	<	85
66	≤ and above upto	A	<	75
56	≤ and above upto	B+	<	65
51	≤ and above upto	B	<	55
46	≤ and above upto	C	<	50
40	≤ and above upto	P	<	45
--		F	<	--
--		Ab		--

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:

® Letter Grade	Performance	Grade Point
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 exam.)	
Ab	Absent	-

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

Grade points earned in the current semester/ 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 entry into the University upto and including the latest Semester and computed as follows :-

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

= Total Grade Points earned since his entry/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 is 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) In order to compare the students of this University vis-à-vis other Universities where percentage of marks are shown in the final result, the following conversion formula will be used for calculating the percentage of marks from CGPA.

Percentage of marks obtained by a student = (9.0 x C.G.P.A.)

15. After the termination of examination, the Controller of Examinations shall publish the result of the candidates and issue Detailed-Grade-Cards as expeditiously as possible.
16. Notwithstanding the integrated nature of this course, which is spread over four academics years, 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 the students whether old or new.

***(Approved by the Academic Council vide Res. 18 dated 13-12-2013 and Board of Management vide its Res. No. 12 dated 27-12-2013)**