

ShikshaMandal's  
**Bajaj College of Science, Wardha (Autonomous)**  
Department of Biotechnology  
Minutes of Board of Studies Meeting

7<sup>th</sup> October 2022

A meeting of Board of Studies (BOS) in Biotechnology subject was held through Zoom Platform (Online Mode) on 7<sup>th</sup> October 2022 at 11:00 A.M. in the Department of Biotechnology.

Following members of Board of Studies in Biotechnology subject were present for meeting.

1	Dr.(Mrs.) Ulka A Malode-Bidwai	Chairman	<i>Ulka</i> 07/10/22
2	Dr. Arti Shanware	Subject Expert Nominee (V.C. Nominee)	Attended Online
3	Dr. Karuna Gokarn	Subject Expert Nominee(Outside the parent university)	Attended Online
4	Prof. K.P. Narkhede	Subject Expert Nominee (Outside the parent university)	Attended Online
5	Sri. Mayuresh Joshi	Representative from industry/corporate sector/allied area	Not Attended
6	Ms. Anuja Maitreya	Alumnus	Attended Online
7	Dr. Kunal Ashok Kale	Faculty Member	<i>KU</i>
8	Ms. Komal S. Dhumane	Faculty Member	<i>Komal</i> 07/10/2022

The Following points were discussed as per the agenda of meeting:

- As per the agenda of meeting, discussion was carried out on National Education Policy (NEP).
- Dr. Karuna Gokarn put a query regarding 6.4 credits which is fractional no. and according to her it should be a whole no. e.g. if a lecture is of one hour, one credit is given per lecture. Dr. Arti Shanware and Dr. Ulka Malode solved this query by saying that as per Joint Director office guideline a single period should be of 48 minutes and that is why credits generated in the fraction no.
- Prof. K.P. Narkhede suggested North Maharashtra University Jalgaon follow a lecture of 1 hour duration.
- Dr. Karuna Gokarn suggested to implement NEP scheme from the next session that is 2023-24 instead of 2022-23.
- Dr. V. M. Ghodki, Prof. Dept. of Electronics and Co-ordinator, NEP, BCS, Wardha has also joined the meeting and give the elaborative description on how 6.4 credits per semester per subject is generated. And how we are going to implement NEP scheme at college.
- All the members of BOS agreed and gave their approval for the examination scheme under NEP.

*Ulka*

Chairman  
(Dr.(Mrs.) Ulka A Malode-Bidwai)

Dr. Ulka A Malode-Bidwai  
Coordinator  
Dept. of Biotechnology  
Bajaj College of Science, WARDHA

**Enclosed:**

1. Draft scheme for teaching, evaluation and examination.

**Shiksha Mandal's**  
**Bajaj College of Science, Wardha (Autonomous)**  
 (Formerly, Jankidevi Bajaj College of Science, Wardha)  
**Affiliated to RTM Nagpur University, Nagpur.**

**Teaching and Examination Scheme**  
**Bachelor of Science (B. Sc.) Three Year (Six Semesters)**  
**Degree Course**  
**Semester I and II**

**Subject: Biotechnology**  
**(w.e.f. Academic Session 2022-23)**

No. of Paper: One Max. Marks : 120  
 (Continuous Internal Evaluation: 20, End Semester Exam: 100)

No. of Practical: One Max. Marks for Practical: 30  
 (End Semester Exam: 30)

No. of Lectures, Tutorials and Practicals (per week):  
 B. Sc. I : 4 Theory, 2 Activity, /6 Practical/Batch.

**Scheme**

TEACHING SCHEME CREDITS			
THEORY	ACTIVITY	PRACTICAL	TOTAL CREDITS
4	2	6	6.4

SCHEME OF EXAMINATION						
DURATION (HRS)	THEORY MAX MARKS	CIE MAX MARKS	PRACTICAL MAX MARKS	TOTAL MARKS	TH + CIE MIN MARKS	PRACTICAL MIN MARKS
3	100	20	30	150	48	12

CREDIT CALCULATIONS			
PARTICULARS	THEORY	ACTIVITY	PRACTICAL
Duration	48 Minutes	48 Minutes	48 Minutes
Credit	0.8 (0.8x4)=3.2	0.4 (0.4x6)=2.4	0.4 (0.4x2)=0.8

Abbreviations: TH: Theory, CIE: Continuous Internal Evaluation

### Continuous Internal Evaluation

Theory:

SN	Evaluation type	Marks
1	Seminar	5
2	Unit Test(s)	5
3	Assignments	5
4	Overall Performance (based on overall conduct as a responsible learner, manners, sincerity, skill in articulation, leadership qualities demonstrated through organizing, co-curricular activities, active participation in routine class, etc.)	5

### GRADE AWARDS

Seven point rating scale is used for the evaluation of the performance of the students to provide letter grade for each course.

Range of percentage of Marks obtained	Grade Points	Grade	Remark (Not to be displayed on the transcripts)
136 - 150	10	O	Outstanding
121 - 135	9	A+	Excellent
106 - 120	8	A	Very Good
91 - 105	7	B+	Good
76 - 90	6	B	Fair
61 - 75	5	C	Average
= 60	4	P	Below Average
< 60	0	F	Fail
Absent	0	AB	Fail

(Note: In case, the marks scored by the student fall in multiple grades, higher grade will be considered in the interest of the student)

Computation of Semester Grade Point Average (SGPA) for each semester:

$$\text{SGPA} = \frac{\sum \text{Credits in the subject} \times \text{Grade points obtained}}{\text{Total credits in the semester}}$$

Computation of Cumulative Grade Point Average (CGPA) after completion of Program:

Sem-I		Sem-II		Sem-III		Sem-IV		Sem-V		Sem-VI	
Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA	Credits	SGPA

$$\text{CGPA} = \frac{\sum (\text{Credits} \times \text{SGPA})}{\text{Total credits in the program}}$$

  
 (Dr. Ulka A. Malode)  
**Dr. Ulka A. Malode/Bidwal**  
 Co-ordinator  
 Dept. of Biotechnology  
 Bajaj College of Science, WARDHA



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**Teaching and Examination Scheme**  
 Bachelor of Science (B.Sc.)  
 Specialization in Biotechnology (Group of Subjects)  
 B.Sc. Semester I and Semester II

Sl. No.	Subject	Semester I				Semester II				Total
		Th	Pr	SA	Exam	Th	Pr	SA	Exam	
1	English	1	1	1	1	1	1	1	1	8
2	General English	1	1	1	1	1	1	1	1	8
3	Mathematics	1	1	1	1	1	1	1	1	8
4	Computer Graphics	1	1	1	1	1	1	1	1	8
5	Computer Graphics	1	1	1	1	1	1	1	1	8
6	Computer Graphics	1	1	1	1	1	1	1	1	8
7	Computer Graphics	1	1	1	1	1	1	1	1	8
8	Computer Graphics	1	1	1	1	1	1	1	1	8
9	Computer Graphics	1	1	1	1	1	1	1	1	8
10	Computer Graphics	1	1	1	1	1	1	1	1	8
11	Computer Graphics	1	1	1	1	1	1	1	1	8
12	Computer Graphics	1	1	1	1	1	1	1	1	8
13	Computer Graphics	1	1	1	1	1	1	1	1	8
14	Computer Graphics	1	1	1	1	1	1	1	1	8
15	Computer Graphics	1	1	1	1	1	1	1	1	8
16	Computer Graphics	1	1	1	1	1	1	1	1	8
17	Computer Graphics	1	1	1	1	1	1	1	1	8
18	Computer Graphics	1	1	1	1	1	1	1	1	8
19	Computer Graphics	1	1	1	1	1	1	1	1	8
20	Computer Graphics	1	1	1	1	1	1	1	1	8
21	Computer Graphics	1	1	1	1	1	1	1	1	8
22	Computer Graphics	1	1	1	1	1	1	1	1	8
23	Computer Graphics	1	1	1	1	1	1	1	1	8
24	Computer Graphics	1	1	1	1	1	1	1	1	8
25	Computer Graphics	1	1	1	1	1	1	1	1	8
26	Computer Graphics	1	1	1	1	1	1	1	1	8
27	Computer Graphics	1	1	1	1	1	1	1	1	8
28	Computer Graphics	1	1	1	1	1	1	1	1	8
29	Computer Graphics	1	1	1	1	1	1	1	1	8
30	Computer Graphics	1	1	1	1	1	1	1	1	8
31	Computer Graphics	1	1	1	1	1	1	1	1	8
32	Computer Graphics	1	1	1	1	1	1	1	1	8
33	Computer Graphics	1	1	1	1	1	1	1	1	8
34	Computer Graphics	1	1	1	1	1	1	1	1	8
35	Computer Graphics	1	1	1	1	1	1	1	1	8
36	Computer Graphics	1	1	1	1	1	1	1	1	8
37	Computer Graphics	1	1	1	1	1	1	1	1	8
38	Computer Graphics	1	1	1	1	1	1	1	1	8
39	Computer Graphics	1	1	1	1	1	1	1	1	8
40	Computer Graphics	1	1	1	1	1	1	1	1	8
41	Computer Graphics	1	1	1	1	1	1	1	1	8
42	Computer Graphics	1	1	1	1	1	1	1	1	8
43	Computer Graphics	1	1	1	1	1	1	1	1	8
44	Computer Graphics	1	1	1	1	1	1	1	1	8
45	Computer Graphics	1	1	1	1	1	1	1	1	8
46	Computer Graphics	1	1	1	1	1	1	1	1	8
47	Computer Graphics	1	1	1	1	1	1	1	1	8
48	Computer Graphics	1	1	1	1	1	1	1	1	8
49	Computer Graphics	1	1	1	1	1	1	1	1	8
50	Computer Graphics	1	1	1	1	1	1	1	1	8

- Participants (2)
- Ujjwal Chhabra
  - Ujjwal Chhabra
  - Anjali Chhabra
  - Harshita Chhabra
  - Harshita Chhabra
  - Ujjwal Chhabra
  - Ujjwal Chhabra



  
 Dr. Ujjwal Chhabra / Bidwai  
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