



**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR**

**Department of Biotechnology**

**B. Sc. FIRST YEAR SEMESTER I**

**SESSION 2020-2021**

**BRIDGE COURSE: BIOTECHNOLOGY**

**Report: Bridge Course Conducted by Biotechnology Department, S.S.E.S. Amravati's Science College, Nagpur**

The Biotechnology Department of S.S.E.S. A's Science College, Nagpur, conducted a Bridge course as per the RTMNU (Rashtrasant Tukadoji Maharaj Nagpur University) notification for B. Sc. First-year Sem I students in the academic year 2020-21. The aim of the Bridge course was to bridge the gap between the syllabus covered in the 12th Std. and the detailed curriculum of B. Sc. Sem I.

**The B. Sc. Sem I RTMNU syllabus encompassed fundamental topics such as:**

Macromolecules & Enzymology: Introduction to enzymes, Classification of enzymes; apoenzymes, metabolic pathway.

- Microbes: Physiology & Genetics- nutrition, methods of microbial control, host microbe interaction.
- Plant Biotechnology: explants, Suspension culture, organ culture,
- Immunology: Immune cells, organs, phagocytosis.
- Cell Biology: Cells, mitosis, meiosis, cell signalling introduction.

Students enrolled in B. Sc. Sem I after successfully qualifying for their 12th Exam, and the Bridge course served as a foundational step in transitioning them from the 12th Std. curriculum to the rigorous academic demands of B. Sc. studies.

**Course outcome:**

- Understanding concepts of cell biology.
- Understanding about cell division and its mechanism in plants and animals.
- Understanding the concept of cell signalling and communication.

*S. Sankar*  
*Sancher's Sankar.*  
Name of the Teacher



*P. Gulhane*  
Science College, Congress Nagar,  
NAGPUR.



Class :- B. Sc. - I (I & II Sem)

Shri Shivaji Education Society Amravati;

Month :-

August + September.

Subject :- CMBT Section :- C Batch :- B - 5

Science College, Congress Nagar, Nagpur.

Name of Teacher :-

Sanchasi Sarkar.

Theory / Practical

2020 - 2021

Sr. No	Roll	Students Full Name	Total upto last Month		Period Date / Contact No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total							
			Deli	Att																										Current Month		Progressive Month	
																															Deli	Att	Deli
1	Ku	ANSARI AHANA ISHA				P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
2	Ku	ARORA ANSHITA RITESH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
3		BAISWARE RITIK JITU				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
4	Ku	BAJANGHATE MOHINI VINOD				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
5		BANDUKIYA SHEEFA MUNAF				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
6		BANERJEE RONIT TAPAS				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
7	Ku	BARDE AKANKSHA ASHISH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
8	Ku	BHALAVI NAMRATA MANOJ				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
9	Ku	BHOJANE CHAITANYA VIJAY				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
10	Ku	BHOJEKAR VAISHNAVI KUSHABRAO				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
11	Ku	BHOYAR SAMIKSHA KUSHABRAO				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
12	Ku	BISWAS SAANJANA ANANDKUMAR				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
13	Ku	BORKAR AKANKSHA MUKESH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
14	Ku	BRAMHANKAR SHITAL SANTOSH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
15	Ku	BURADDKAR ARYA PRAVIN				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
16	Ku	CHACHIRE RUTUJA ABHAY				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
17	Ku	CHANDA SHREESHTHA				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
18		CHANNE SIDDHI PRADIP				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
19		CHAVHAN PRITAM UKANDRAO				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
20	Ku	CHIKHALE SAKSHI SANJAY				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
21	Ku	CHOUDHARY SAAMIKSHA SURESH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
22	Ku	DESHMUKH ADITI PRAVIN				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
23	Ku	DEULKAR TANAYA DEVANAND				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								

S. Sarkar.

Sanchasi Sarkar  
Name of the Teacher



Pulhane  
Science College, Congress Nagar,  
Nagpur-12.





Class :- B. Sc. - I (I & II Sem)

Subject :- CMBT Section :- C Batch :- B - 6

Theory / Practical

Shri Shivaji Education Society Amravati;s

Science College, Congress Nagar, Nagpur.

2020 - 2021

Month

:- August & September

Name of Teacher :-

Sanchasi Sankar

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			Deli	Att																										Current Month		Progressive Month															
																															Deli	Att	Deli	Att													
1	Ku	KOKATE RADHIKA			01/08/20	P			P	P				P	P										P																						
2		KUMBHARE SHUBHAM SURESH					P	P			P		P												P																						
3	Ku	LAKKEWAR ISHITA SHARADD				P						P																																			
4	Ku	MADAVVI ANAJLI RAJESH				P					P		P																																		
5	Ku	MAKDE DEVIYANI ANIL					P	P				P		P	P																																
6	Ku	MANE APOORVA PRAVINRAO								P		P		P																																	
7	Ku	MARODKAR NANDINI BABANRAO				P									P	P																															
8	Ku	MASKE MOHINI RUPESH					P			P																																					
9	Ku	MEKRATWARR SEJAL ANIL									P	P																																			
10	Ku	MESHIRAM PRACHI ANIL				P				P		P																																			
11	Ku	MESHIRAM SHIRUTI DEODAS					P																																								
12	Ku	MUDNAIK VAIBHAVI PRASHANT				P																																									
13	Ku	NASHINE NATASHA NAVIN																																													
14	Ku	NAVALKAR SAKSHI PRAMOD					P	P			P		P																																		
15	Ku	NINAVE NISHITA ARUN				P					P	P																																			
16	Ku	NIPANE VANSHIKA ANIL					P	P																																							
17	Ku	PADWE PRACHI RAVINDRA				P						P	P																																		
18	Ku	PANCHBHAI VAISHNAVI RAVINDRA					P	P																																							
19	Ku	PANEMWAR PALLAVI SHANKAR				P																																									
20	Ku	PARDHI NAYANSHRI NARESHI																																													
21	Ku	PATHAN ILYAS ISHRAIKHAN					P																																								
22	Ku	PATIL ANJALI SHAILENDRA				P		P																																							
23	Ku	RAJKAROSIYA RAJ RAKESH					P																																								

Sanchasi Sankar  
Name of the Teacher



Sanchasi  
Science College, Congress Nagar,  
Nagpur-12,



Class :- B. Sc. - I ( I & II Sem )

Shri Shivaji Education Society Amravati;

Month :-

August & September

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Science College, Congress Nagar, Nagpur.

Name of Teacher :-

Sanchasi Lenka.

Theory / Practical

2020 - 2021

Sr. No	Roll		Students Full Name	Total upto last Month		Periods	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total					
				Deli	Att	Date / Cont act No.	01/08/20	06/08/20	07/08/20	08/08/20	13/08/20	14/08/20	20/08/20	21/08/20	22/08/20	27/08/20	28/08/20	03/09/20	04/09/20	05/09/20	10/09/20	11/09/20	12/09/20	17/09/20	18/09/20	19/09/20	Current Month		Progressive Month			
																											Deli	Att	Deli	Att		
24		Ku	RAMTEKE SANJANA SANJAY				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P							
25		Ku	RUCHI KUMARI HARSHMOHAN				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
26		Ku	SAAOJI SHREENIVAS ASHISH				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
27		Ku	SARKAR AHONA				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
28		Ku	SELOKAR GAURAV DILIP				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
29		Ku	SHAHU ANJAL RAJENDRA				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
30		Ku	SHIMPI VAISHNAVI PANKAJ				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
31		Ku	SHINDE RUHI DEEPAK				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
32		Ku	SHRIPAL TEJAS CHANDRASHEKHAR				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
33		Ku	SINGH POONAM ASHOK				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
34			SOMKUWAR RAUNAK SATISH				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
35		Ku	SORTE DIVYA BHUPENDRA				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
36		Ku	TABHANE PRAGATI ANIL				P	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
37		Ku	TEKADE VEDANTI HEMANT				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
38		Ku	THAKRE NIKITA RAJESH				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
39		Ku	THAKRE VAISHNAVI VILAS				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
40		Ku	TIDKE SHASHANK PARASNATH				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
41		Ku	TITARMARE SAHIL PRASHANT				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
42		Ku	WANKHEDE JANAVI UMESH				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
43			WANVE KAUSTUBH SURESH				P	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
44		Ku	WARATKAR RAKHI RUPESH				P	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
45		Ku	YAWALKAR VRUSHALI JAYANT				P	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						

Sanchasi Lenka.  
Name of the Teacher



Science College, Congress Nagar,  
Nagpur-12.