



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

Department of Biotechnology

B. Sc. FIRST YEAR SEMESTER I

SESSION 2021-2022

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 2021-22. 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.
- Cell biology: Cell Theory, Cell cycle, Cell signalling introduction
- Microbes: Physiology & Genetics- nutrition, methods of microbial control, host microbe interaction.
- Plant Biotechnology: explants, Suspension culture, organ culture.
- Immunology: Immune cells, organs, phagocytosis.

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 the structural and functional aspects of cell.

S. Santhal.
Sanchari Santhal.
Name of the Teacher



@Kobdey
Co-Ordinator
Department of Biotechnology
Science College, Congress Nagar,
Nagpur-12.

Class :- B, Sc. - II (I II Sem),			Shri-Shivaji Education Society Amravati;s										Month :- Sep Oct Nov Dec Jan															
Subject :- CMBT Section :- C Batch :- B -5			Science College, Congress Nagar, Nagpur.										Name of Teacher :- Sanchasi Sankar															
Sr. No	Roll	Students Full Name	Total upto last Month	2021 - 2022																								
				Periods	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20				
			Deli	Att	Date / Contact No.																				Total			
																									Current Month		Progressive Month	
			Deli	Att																					Deli	Att	Deli	Att
1	Ku	AYADHIT NIRZARI KISHORE			15/09/21-																							
2	Ku	BADWAIK PRIYANSHU PRASHANT			21/09/21-	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
3	Ku	BAJPAI SHANTI SANJAY																										
4	Ku	BELEKAR SIDDHANT MANISH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
5	Ku	BHAGAT ANUSHA MOHAN				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
6	Ku	BHATTACHARYA SRISHTY ANUP				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
7	Ku	BHAWALKAR REETA PRAKASH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
8	Ku	BHOKRE AKSHATA PRAVIN				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
9	Ku	BOKSE OM SANJAY				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
10	Ku	BUNDE SAMPADA VIKAS				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
11	Ku	CHOUDHARI JANHAVI PRAMOD				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
12	Ku	DADMAL HIMANI LAXMAN				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
13	Ku	DAVE ANJALI DHARMESH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
14	Ku	DEWANGAN LISA DHARMESH				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
15	Ku	DEOTALE VAISHNAVI ANIL				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
16	Ku	DHOKE AMBALEENA AMBADAS				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
17	Ku	DOBLE WRUKSHANI VINOD				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
18	Ku	DUKARE SAKSHI SANJAY				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
19	Ku	DUMBHARE ARYAA PRAFULLA				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
20	Ku	DUDHANE RADHIKA ABHIJIT				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
21	Ku	GADGILWAR PARTH SANJAY				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
22	Ku	GANTHADE KRUTIKA ANAND				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
23	Ku	GEDAM AKASH JANAK				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
24	Ku	GHARAT JAYATI BANOJI				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
25	Ku	HAJARE TANUSHREE RUPESHRAO				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
26	Ku	HALMARE FALGUNI ANIL																										

S. Sankar,
Sanchasi Sankar.
Name of the Teacher.



Bridge course

@babdey
Co-Ordinator
Department of Biotechnology
Science College, Congress Nagar,
Nagpur-12.

Class :- B. Sc. - II (I II Sem)		Shri Shivaji Education Society Amravati;										Month :- <u>Sept Oct Nov Dec Jan</u>																		
Subject :- CBMT Section :- C Batch :- B - 6		Science College, Congress Nagar, Nagpur.										Name of Teacher :- <u>Sanchari Sankar</u>																		
Theory / Practical		2021 - 2022																												
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 / Contact No.	Current Month		Progressive Month																					
																											Deli	Att	Deli	Att
1	Ku	NAGRALE PRIYANSHU RAMDAS																												
2	Ku	NIKHARE TEJASWINI																												
3	Ku	PADALKAR SANJANA BAJRAO																												
4	Ku	PANDE SHIVANI HARISHANKAR																												
5	Ku	PARANJAPE SHRAVANEE RAJEEV																												
6	Ku	PASWAN CHANDAN SHRINIWAS																												
7	Ku	PATHRABE MAHEE MAHESH																												
8	Ku	PATIL MADHUR VIJAY																												
9	Ku	PATLE SNEHAL MANOJKUMAR																												
10	Ku	PILLEWAN KIMAYA GIRIDHAR																												
11	Ku	RAUT PRACHI PRAKASH																												
12	Ku	RAUT SONALI KAMLESHWAR																												
13	Ku	RAUT YASHIKA NAGORAO																												
14	Ku	RODE PRERNA SURESH																												
15	Ku	BUDRAKAR TEJAS GAJANAN																												
16	Ku	SAKHARE SAKSHI RAVINDRA																												
17	Ku	SARAF SHRAVANI NIRANJAN																												
18	Ku	SARODE HARDIKA PANDURANG																												
19	Ku	SARVE KHUSHABU SANJAY																												
20	Ku	SARVE SHRAWANI DEBRAO																												
21	Ku	SARWE ANJALI BHAURAO																												
22	Ku	SATIBAWANE BHARTI RAJESH																												
23	Ku	SHAHU SAKSHEE JITENDRA																												
24	Ku	SHARMA TRUPTI DINESH																												
25	Ku	SHEIKH AFIYANAAZ MANNAN																												
26	Ku	SHEMBEKAR SANYUGI HEMRAJ																												

S. Sankar
Sanchari Sankar
 Name of the Teacher

Bridge course


Abobdey
 Co-Ordinator
 Department of Biotechnology
 Science College, Congress Nagar,
 Nagpur-12.

