



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

Department of Biotechnology

B. Sc. FIRST YEAR SEMESTER I

SESSION 2019-2020

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 2019-20. 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.

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:

- Gain fundamental knowledge in this subjects.
- Understand molecular basis of various pathological conditions from the perspective of biochemical reactions.
- It will help students to predicts about nature of immune response that develops against bacterial, viral or parasitic infection.



Mrs M J madhugiri
Co-Ordinator
Department of Biotechnology
Science College, Congress Nagar,
Nagpur-12.

N. P. Pawar
N. P. Pawar
Name of the Teacher

Class : B. Sc. I (I & II Sem.) Section : C Batch : B-5 Shri Shivaji Education Society Amravati's
 Subject : CMBT Science College, Nagpur
 Theory/Practical : Theory

Month : Aug + Septem
 Name of the Teacher : Nikita Pawas

Attendance Sheet
 2019 - 2020

Sr. No	Roll No.	Surname	Name	Father Name	Total upto last Month	Periods →																					Total																													
							Deli	Att	Date/ Contact No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Current Month		Progressive Month																									
																																	Deli	Att	Deli	Att																				
1	304	Adase	Aniket	S			15/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																							
2	305	Ku Agashe	Rashmi	K			16/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																				
3	306	Arghode	Isha	V			19/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																			
4	307	Bagde	Sarvesh	C			20/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																		
5	308	Ku Bobde	Sakshi	V			21/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																	
6	309	Ku Burchunde	Mahek	R			26/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P																
7	310	Ku Chavhan	Sakshi	S			27/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P															
8	311	Ku Chavhan	Sneha	N			28/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P														
9	312	Ku Choure	Muskan	R			29/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P														
10	313	Ku Chopkar	Shruti	C			30/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P													
11	314	Ku Deshpande	Shivani	S			31/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P												
12	315	Ku Dhakate	Utkarsha	R				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P												
13	316	-	-	-				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P									
14	317	Ku Dhoble	Vaishnavi	P				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
15	318	Ku Dhoke	Priyal	A				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								
16	319	Ku Dhote	Janhvi	S				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P							
17	320	Ku Dube	Vaishnavi	S				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
18	321	Ku Gajbe	Mansi	R				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
19	322	Ku Gaure	Tarushi	R				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
20	323	Ku Gorlawar	Sakshi	R				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
21	324	Ku Gour	Aishwarya	B				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
22	325	Ku Halmare	Sharwari	D				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
23	326	Ku Hatwar	Rajashree	S				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P						
24	327	Ku Hirapure	Teneshwari	N				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				

Plawer
 Nikita Pawas
 Name of the Teacher



Mrs. M.J. Madhugri
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					Deli	Att																						Current Month	Prograssive Month				
					Deli	Att	Deli	Att																									
25	328	Ku Jadhav	Ritika	R			15/08/19	P																									
26	329	Ku Jeevaji	Nazish	A			17/08/19	P																									
27	330	Ku Kali	Vedanti	V			18/08/19	P																									
28	331	-	-	-			19/08/19	P																									
29	332	Ku Kapse	Prachi	K			20/08/19	P																									
30	333	Ku Karpate	Harshali	D			21/08/19	P																									
31	334	Ku Khode	Aditi	S			22/08/19	P																									
32	335	Ku Kothale	Khushi	M			23/08/19	P																									
33	336	Ku Kshirsagar	Sharvari	S			24/08/19	P																									
34	337	Ku Kulkarni	Kinjal	S			25/08/19	P																									
35	338	Ku Kulkule	Sakshi	R			26/08/19	P																									
36	339	Kumar	Bhavish	G			27/08/19	D																									
37	340	Kumbhare	Pratik	C			28/08/19	P																									
38	341	Ku Lokhande	Anjali	S			29/08/19	P																									
39	342	Ku Mahure	Vaishnavi	K			30/08/19	P																									
40	343	Mishra	Harshul	-			31/08/19	P																									
41	344	Ku Mishra	Renuka	O			01/09/19	P																									
42	345	Ku Mohod	Anushri	A			02/09/19	P																									
43	346	Ku Mohod	Renuka	R			03/09/19	P																									
44	346(A)	Ku Ghodmare	Sakshi	C			04/09/19	P																									
45	346(B)	Ku Gawande	Ishwari	N			05/09/19	P																									
46	346(C)	Khobragade	Samyak	U			06/09/19	P																									

Nikita Pawar
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Principal

Class : B. Sc. I (I & II Sem.) Section : C Batch : B-5 Shri Shivaji Education Society Amravati's
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Month : Aug + September
 Name of the Teacher : Nibika Pawar

2019 - 2020

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						Date/Contact No.																				Current Month		Progressive Month		
						Deli	Att	Deli	Att	Deli	Att	Deli	Att																	
25	328	Ku	Jadhav	Ritika	R	15/08/19	16/08/19	18/08/19	20/08/19	21/08/19	26/08/19	27/08/19	28/08/19	02/09/19	03/09/19	04/09/19	09/09/19	16/09/19	17/09/19	18/09/19	23/09/19	24/09/19	25/09/19	30/09/19	01/10/19					
26	329	Ku	Jeevaji	Nazish	A																									
27	330	Ku	Kali	Vedanti	V																									
28	331	-	-	-	-																									
29	332	Ku	Kapse	Prachi	K																									
30	333	Ku	Karpate	Harshali	D																									
31	334	Ku	Khode	Aditi	S																									
32	335	Ku	Kothale	Khushi	M																									
33	336	Ku	Kshirsagar	Sharvari	S																									
34	337	Ku	Kulkarni	Kinjal	S																									
35	338	Ku	Kulkule	Sakshi	R																									
36	339		Kumar	Bhavish	G																									
37	340		Kumbhare	Pratik	C																									
38	341	Ku	Lokhande	Anjali	S																									
39	342	Ku	Mahure	Vaishnavi	K																									
40	343		Mishra	Harshul	-																									
41	344	Ku	Mishra	Renuka	O																									
42	345	Ku	Mohod	Anushri	A																									
43	346	Ku	Mohod	Renuka	R																									
44	346(A)	Ku	Ghodmare	Sakshi	C																									
45	346(B)	Ku	Gawande	Ishwari	N																									
46	346(C)		Khobragade	Samyak	U																									

N. Pawar
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 Teacher



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 Nagpur-12.

Principal

Class : B.Sc. I (I & II Sem.) Section : C Batch : B-6 Shri Shivaji Education Society Amravati's
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						Deli	Att		Current Month Deli Att	Progressive Month Deli Att																			
1	347	Moon	Samyak	R				13/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
2	348	Ku Muley	Anushree	C				14/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
3	349	Ku Navghare	Prachi	B				19/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
4	350	Ku Nimbalkar	Arati	C				20/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
5	351	Ku Ohri	Daksha	D				21/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
6	352	Pajai	Ankit	M				26/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
7	353	Ku Palandurkar	Pratiksha	M				27/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
8	354	Ku Pandey	Supriya	D				28/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
9	355	Ku Paralkar	Anuradha	S				29/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
10	356	Ku Pathak	Samrudhhi	S				30/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
11	357	Ku Patra	Kalpana	S				31/08/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
12	358	-	-	-				01/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
13	359	Ku Poddar	Bhavana	O				02/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
14	360	Ku Rangari	Shruti	R				03/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
15	361	Ku Rangu	Dipti	M				04/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
16	362	Rathod	Atharva	L				05/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
17	363	Ku Renge	Shruti	P				06/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
18	364	Ku Roy	Saptaparna	S				07/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
19	365	Ku Sarda	Sakshi	R				08/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
20	366	Ku Sawane	Sharayu	M				09/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
21	367	Ku Sharma	Shubhangi	R				10/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
22	368	Ku Sharma	Swati	R				11/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
23	369	Sheikh	Sumelya	I				12/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		
24	370	Ku Shendre	Nishita	B				13/09/19	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P		

Nitika Pawar



Bridge Course

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