



**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S  
SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR  
Department of Microbiology  
B. Sc. FIRST YEAR SEMESTER I  
SESSION 2017-18  
BRIDGE COURSE: MICROBIOLOGY**

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

The Microbiology 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 2017-18. 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:**

- Differences between prokaryotes and eukaryotes.
- Description of sizes, shapes and arrangements of bacteria.
- Importance of micro-organisms.
- Basic nutritional requirements for microbial growth.
- Typical Bacterial cell structure.
- Factors influencing microbial growth.
- Theory of biogenesis & abiogenesis.

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:**

- Learners will develop interest in the subject of Microbiology and it will also be useful to fill the gap.
- Stimulating interest and curiosity in Microbiology will increase student motivation to learn applied areas of microbiology.

NAME OF TEACHER

*Swapna Kadam*

SWAPNA KADAM



**HEAD  
Department of Microbiology  
Science College, Congress Nagar,  
NAGPUR.**

*Dr. A.V. Gomashe*

DR. A.V. GOMASHE

Class :- B. Sc. - I (1 & II Sem)

Shri Shivaji Education Society Amravati; Month :- August

Subject :- CZM Section :- C B1 Science College, Congress Nagar, Nagpur.

Name of Teacher :- Swapna Kadam

Theory / Practical 2017-2018

Sr. No	Roll	Students Full Name	Total upto last Month		Periods																				Total					
			Deli	Att	Date / Contact No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Current Month		Progressive Month		
						10/08/17	11/08/17	12/08/17	14/08/17	18/08/17	19/08/17	24/08/17	25/08/17	26/08/17	31/08/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17	11/09/17
1	T	Arora			P				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
2	A	Asatkar					P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
3	N	Bhandarkar			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
4	K	Bopche				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
5	S	Challawar							P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
6	A	Deshmukh			P		P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
7	P	Feddewar				P				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
8	K	Gandhi			P		P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
9	K	Garodkar						P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
10	A	Gottiparthi				P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
11	S	Hande						P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
12	A	Jagtap			P		P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
13	S	Kamble						P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
14	A	Khatod			P			P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
15	H	Kohad				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
16	S	Kolhe			P			P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
17	R	Kowe				P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
18	R	Kulkarni					P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
19	H	Mankar				P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
20	K	Matte			P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				

Bridge Course



Skadam  
Name of the Teacher  
Swapna Kadam

*(Signature)*  
Dr. A.V. Gomashe

**HEAD**  
Department of Microbiology  
Science College, Congress Nagar,  
NAGPUR.



Class :- B. Sc. - I (1 & II Sem)

Shri Shivaji Education Society Amravati; Month :- August

Subject :- CZM Section :- C B1 Science College, Congress Nagar, Nagpur.

Name of Teacher :- Swapna Kadam

Theory / Practical

2017-2018

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			Deli	Att		Date / Contact No.	1	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
21	N	Modak				P		P		P		P		P		P		P		P		P		P						
22	D	Morghade					P		P		P		P		P		P		P		P		P		P					
23	V	Nakhale				P		P		P		P		P		P		P		P		P		P		P				
24	S	Nikose								P		P		P		P		P		P		P		P		P				
25	P	Pande					P		P		P		P		P		P		P		P		P		P					
26	R	Patel					P		P		P		P		P		P		P		P		P		P					
27	R	Potkar				P		P		P		P		P		P		P		P		P		P		P				
28	S	Rajani						P		P		P		P		P		P		P		P		P		P				
29	R	Rangnath					P		P		P		P		P		P		P		P		P		P					
30	K	Selukar				P		P		P		P		P		P		P		P		P		P		P				
31	K	Sheikh					P		P		P		P		P		P		P		P		P		P					
32	S	Ugemuge				P		P		P		P		P		P		P		P		P		P		P				
33	P	Umare						P		P		P		P		P		P		P		P		P		P				
34	A	Wakodikar				P		P		P		P		P		P		P		P		P		P		P				
35	I	Warwade				P		P		P		P		P		P		P		P		P		P		P				
36	M	Yemulwar				P		P		P		P		P		P		P		P		P		P		P				
37	S	Umbarkar				P		P		P		P		P		P		P		P		P		P		P				

Bridge Course

Swadham  
Swapna Kadam  
Name of the Teacher



Dr. A. V. Gomashe  
HEAD  
Department of Microbiology  
Science College, Congress Nagar,  
NAGPUR.

Class :- B. Sc. - 1 (I & II Sem)

Shri Shivaji Education Society Amravati; Month :- August

Subject :- CBM Section :- C **B2**  
Theory / Practical

Science College, Congress Nagar, Nagpur. 2017-2018

Name of Teacher :- *Swapna Kadam*

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																									Date / Contact No.		Current Month		Progressive Month	
																									Deli	Att	Deli	Att	Deli	Att
1	A	Advalwale			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
2	R	Agrawal			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
3	S	Ashtankar			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
4	P	Barde			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
5	N	Bokade			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
6	S	Chavan			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
7	S	Deshpande			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
8	S	Deulkar			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
9	R	Dhok			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
10	P	Gajbhiye			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
11	N	Gour			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
12	A	Jain			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
13	P	Jibhakate			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
15	T	Kadwe			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
16	R	Kamble			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
17	A	Kohad			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
18	N	Masram			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
19	V	Mewade			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
20	A	Moon			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					

Bridge Course

*Skodam*  
Name of the Teacher



*Dr. A.V. Gomashe*  
**HEAD**  
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Science College, Congress Nagar,  
NAGPUR.

Class :- B. Sc. - I (1 & II Sem)

Shri Shivaji Education Society Amravati: Month :- August

Subject :- CBM Section :- C B2

Science College, Congress Nagar, Nagpur.

Name of Teacher :- Swapna Kadam

Theory / Practical

2017-2018

Sr. No	Roll	Students Full Name	Total upto last Month		Periods 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		P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	Current Month		Progressive Month	
																												Deli	Att	Deli	Att
21	R	Naskare			11/08/17	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.				
22	A	Raut			11/08/17	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.				
23	S	Sahare			11/08/17	.	P	.	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.				
24	K	Sharma			11/08/17	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.					
25	S	Teltumbde			11/08/17	.	P	.	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.				
26	H	Waghmare			11/08/17	P	.	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.					
27	A	Wankhede			11/08/17	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.				

Bridge Course

Swadham  
Swapna Kadam  
Name of the Teacher



*Dr. A. V. Gomashe*  
Dr. A. V. Gomashe  
HEAD  
Department of Microbiology  
Science College, Congress Nagar,  
NAGPUR.



Class :- B. Sc. - 1 (I & II Sem)  
 Subject :- CMBT Section :- E 05  
 Theory / Practical

Shri Shivaji Education Society Amravati; Month :- August  
 Science College, Congress Nagar, Nagpur. Name of Teacher :- Swapna Kadam  
 2017-2018

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	N	Aswale				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
2	R	Badwe				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
3	A	Bagwe				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
4	A	Bawane				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
5	K	Bhagwatkar				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
6	S	Bire				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
7	A	Bokde				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
8	M	Burghate				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
9	S	Chahande				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
10	R	Chambhare				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
11	A	Chandrakar				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
12	S	Chaure				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
13	S	Chawariya				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
14	A	Chidam				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
15	S	Choudhary				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
16	V	Chauhan				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
17	A	Dadmal				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
18	A	Deshpande				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
19	B	Deshpande				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
20	J	Dhongdi				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
21	M	Dupalliwar				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
22	N	Ganar				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
23	K	Gandhi				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				

Bridge Course

Skadam  
 Swapna Kadam  
 Name of the Teacher



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Shri Shivaji Education Society Amravati: Month :- August

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			Deli	Att		Date																				Current Month		Progressive Month		
																										Deli	Att	Deli	Att	
1	V	Mallurwar			11/08/17	P		P	D		P		P	P	P	P	P	P	P	P	P	P	P	P	P					
2	L	Mankar			11/08/17	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
3	A	Meshram			12/08/17				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
4	R	Meshram			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
5	W	Mishra			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
6	P	More			11/08/17	P		P	P	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P					
7	A	Motewar			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
8	A	Muley			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
9	A	Musale			11/08/17	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
10	S	Nalage			11/08/17				P	P		P		P		P		P		P	P		P		P					
11	P	Nare			11/08/17	P	P	P			P		P		P	P	P	P	P	P	P	P	P	P	P					
12	A	Pande			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
13	I	Pande			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
14	T	Pande			11/08/17	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
15	S	Patankar			11/08/17			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
16	S	Patankar			11/08/17	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
17	A	Pathan			11/08/17	P			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
18	A	Patil			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
19	A	Patle			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
20	N	Prasad			11/08/17		P	P			P				P	P	P			P	P		P		P					
21	S	Rahangdale			11/08/17	P	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
22	N	Ramteke			11/08/17			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
23	A	Randale			11/08/17	P		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
24	K	Raut			11/08/17		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
25	J	Salunke			11/08/17	P	P		P	P	P	P		P	P	P	P			P		P		P		P				

Bridge Course



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Swapna Kadam  
Name of the Teacher

Dr. A. V. Gomashe  
HEAD  
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NAGPUR.



Class :- B. Sc. - I (1 & II Sem)

Shri Shivaji Education Society Amravati; Month

:- August

Subject :- CMBT Section :- E 06 Science College, Congress Nagar, Nagpur.

Name of Teacher :- Swapna Kadam

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2017-2018

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																						Current Month		Progressive Month			
																										Deli	Att	Deli	Att		
26	G	Salve				P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
27	P	Samarth				P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
28	S	Saraf				.	P	.	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
29	N	Shambharkar				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
30	Aaliya	Sheikh				P	.	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
31	M	Shirsath				.	P	.	P	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
32	S	Shrawane				P	.	P	P	P	P	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P					
33	V	Solanki				P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
34	A	Soyam				.	.	P	P	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
35	S	Tekade				P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
36	A	Telang				.	P	.	.	.	P	P	.	P	.	P	P	P	P	P	P	P	P	P	P	P					
37	D	Thakre				.	.	P	P	.	P	.	P	.	P	P	P	P	P	P	P	P	P	P	P	P					
38	P	Thakre				P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					
39	R	Thakur				.	P	.	P	P	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P					

Bridge Course

Swapna Kadam  
Name of the Teacher



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