



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

Department of Biotechnology

B. Sc. FIRST YEAR SEMESTER I (NEP)

SESSION 2024-2025

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 (NEP) students in the academic year 2024-25. 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:

- Biotechnology: An overview
- Molecules of life: Biomolecules: Building blocks of Carbohydrates, Protein, Lipids, and Nucleic acid.
- Macromolecular organization in Bacterial cell: Concept of Bacterial Cell wall, Staining techniques.
- Blue Print of Life: DNA as "Transforming Principle", Eukaryotic Chromosomes.

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 subject of Biotechnology and also be useful to fill the gap
- This course demonstrates significant cell biological principle, quantitative and analytical approaches that enable the student to translate the theoretical foundation in cell biology and genetics into practical understanding.

P. Palekar.

Ms. Pooja Palekar.

Name of the Teacher.



Obobday
Co-Ordinator

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



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

Subject :- Biotechnology Batch :- BT - 2

Theory / Practical

Shri Shivaji Education Society Amravati's

Science College, Congress Nagar, Nagpur.

Month

:- Aug, Sep, Oct.

Name of Teacher :-

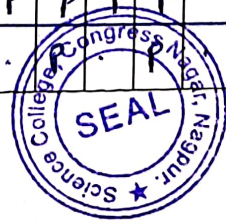
Ms. Pooja Talekar.

2024 - 2025

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				
		De li	Att		Date / Contact No.	8/8/24	9/8/24	10/8/24	12/8/24	13/8/24	14/8/24	21/8/24	22/8/24	28/8/24	29/8/24	4/9/24	6/9/24	12/9/24	18/9/24	19/9/24	3/10/24	05/10/24	9/10/24	10/10/24	15/10/24	Current Month		Progressive Month	
1.	HARSHILI YESHWANT KOMBADE				P	.	P	P	P	.	P	P	.	P	P	P	P	.	.	P	P	P	P	P					
2.	JAIVI VIKAS MESHAM				P	P	.	.	P	.	P	P	.	.	P	P	P	P	.	P	P	P	.	P					
3.	JANHAVI RAJENDRA DHARPURE				P	P	P	P	.	.	P	P	P	P	P	.	.	P	P	.	.	P	.	P					
4.	KASHISH VIJAY PATEL				P	P	P	.	.	P	P	P	P	P	.	.	P	.	P	.	P	.	P	P					
5.	KHUSHI SAROJ JHA				P	.	.	.	P	P	.	P	.	.	.	.	P	P	.	P	P	P	.	.				
6.	KRIKA RAJEEV SINGH				.	P	P	.	P	.	.	P	.	.	P	.	P	.	P	.	.	P	.	P					
7.	MEDHA SAGAR PALLIWAR				P	P	P	P	P	.	P	P	P	P	.	P	P	P	P	P	.	P	P	P					
8.	MINANSHU ARVIND MARASKOLHE				.	P	P	.	P	.	P	P	P	P	.	.	P	.	P	P	.	.	P						
9.	MOHINI MULCHAND KUSHLE				P	P	.	.	P	P	.	.	P	P	.	.	P	P	.	P	.	P	.	P					
10.	MRUNALI VIJAY KADU				P	P	P	P	.	.	P	P	.	.	P	P	P	.	P	.	P	P	.	P					
11.	MUGDHA SANDIP YELCHATWAR				.	.	.	.	.	.	.	.	P	P	.	.	.	.	P	.	P	.	P	.				
12.	NAZIAPARVEEN				P	.	P	P	.	.	P	.	P	.	.	.	P	P	.	.	P	P	P						
13.	NEHA KHILESH ASATI				P	P	.	P	P	P	.	.	P	P	.	.	P	P	.	P	P	P	.	P					
14.	NEHA PRAFULL ASHTIKAR				P	P	P	.	.	P	P	P	.	.	P	P	P	.	.	.	.	P	P	P				
15.	OJASWI SUNIL SHAHARE				P	P	P	P	P	.	.	P	.	P	P	P	P	.	.	P	P	P	.	.					
16.	PARIVARTAN SHANTARAM NARNAWARE				.	P	.	P	P	.	P	.	P	P	P	P	.	.	P	P	.	P	P						
17.	PARUL RAJESH ATRAM				.	.	P	.	P	.	.	.	.	.	.	.	.	.	P	.	.	P	.	P				

Name of Teacher - Ms. Pooja Talekar.

Bridge Course



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

Class :- B. Sc. - I (Sem.- I & II)
 Subject :- Biotechnology Batch :- BT - 3
 Theory / Practical

Shri Shivaji Education Society Amravati's
 Science College, Congress Nagar, Nagpur.
 2024 - 2025

Month :- Aug, Sep, Oct.
 Name of Teacher :- Ms. Payal Talekar.

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				
		De li	A t t		Date / Contact No.																					Current Month		Progressive Month	
						Deli	Att	Deli	Att																				
1.	PAYAL CHANDRABHAN DOIFODE				P	P	P	.	P	.	P	.	P	P	.	P	P	P	.	.	.	P	P	P					
2.	PHALGUNI SANDIP MORE				P	P	.	.	P	.	P	.	.	.	P	P	.	.	P	P	.	.	P	P					
3.	POOJA PRADIP FULZELE				.	P	.	P	P	.	P	.	.	P	.	.	P	P	P	P	.	.	P	P					
4.	PRACHI RAMESH RAUT				P	.	P	P	P	.	.	P	P	P	.	.	P	P	.	.	P	.	P	P					
5.	PRAGYA GANESH PAWAR				.	P	.	.	P	.	P	.	.	P	.	P	P	.	P	P	.	.	.	P					
6.	PRIYAL SHAMU KAWASE				P	.	.	.	P	.	P	.	P	.	.	.	P	.	P	.	P	P	.	P					
7.	PURVA ARVIND BAROKAR				.	.	P	P	P	P	.	P	.	P	P	.	P	P	.	P	.	P	P						
8.	PURVA KHAMANKAR				P	P	.	.	P	P	.	P	P	.	P	.	P	P	.	P	P	P	P						
9.	RENUKA SHARAD DINDOKAR				.	P	P	.	P	.	P	.	P	P	.	P	P	.	P	P	P	P	P						
10.	RITISHA PRADIP KUKADKAR				P	P	.	P	.	P	P	P	.	P	.	P	.	P	P	.	P	P	P						
11.	ROBAMA RAUF SHEIKH				.	P	.	P	P	.	P	P	.	P	P	.	.	P	P	P	.	.	P						
12.	RUZAIN NAWAZ AZIZ SHEIKH				.	P	.	.	P	P	.	P	.	P	.	P	.	P	.	P	P	.	P	P					
13.	SACHI SHUKARACHARYA GHAYAWAN				.	P	P	.	P	.	P	.	P	P	.	P	P	.	P	P	.	P	P						
14.	SALONI SUKHDEO PATLE				.	.	P	P	P	.	P	.	P	P	.	P	.	P	P	.	P	P	P						
15.	SAMIDHA YOGENDRA NAGDEVE				P	P	.	P	P	.	P	.	P	.	P	P	.	P	P	.	P	P	P						
16.	SAMIKSHA KADU				.	.	P	P	.	.	P	.	P	.	P	.	P	.	P	.	.	.	.		
17.	SAMRUDDHI VINODRAO MEHAR				P	P	.	.	P	.	P	.	P	.	P	.	P	.	P	.	P	.	P						

Name of Teacher - Ms. Payal Talekar.

Bridge Course



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

Class :- B. Sc. - I (Sem.- I & II)
 Subject :- Biotechnology Batch :- BT - 4
 Theory / Practical

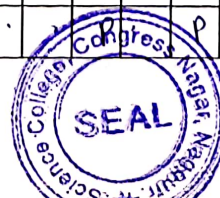
Shri Shivaji Education Society Amravati's
 Science College, Congress Nagar, Nagpur.
 2024 - 2025

Month :- Aug, Sep, Oct.
 Name of Teacher :- Ms. Pooja Talekar.

Roll	Students Full Name	Total upto last Month		Perio ds	Date / Cont act No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total							
		Deli	Att			Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Deli	Att	Current Month		Progressive Month			
																												Deli	Att	Deli	Att		
1.	SAKSHI KANOJIYA				8/8/24	P	.	P	.	P	P	.	.	P	P	.	P	.	P	P	P	.	.	.	.				
2.	SAMRUDDHI MAHENDRA BETAL				9/8/24	P	P	P	.	.	P	.	.	.	.	P	P	.	P	.	.	P	P	.	.								
3.	SANA PRAVIN PATIL				10/8/24	.	P	.	P	P	.	.	P	.	P	.	.	P	.	P	P	.	.	P	P								
4.	SANDHYA SANJAY SINGH				12/8/24	.	P	.	P	P	.	P	P	.	P	P	.	P	P	P	.	.	P	P									
5.	SANIYA NAGSEN DONGRE				13/8/24	P	.	.	P	.	P	P	.	P	.	P	P	.	P	P	.	.	P	.	P								
6.	SANIYA VILAS RAMTEKE				14/8/24	.	P	.	.	P	P	.	.	P	.	P	P	.	.	P	.	P	.	.	P								
7.	SANJANA SUNIL DHOLE				21/8/24	P	.	.	.	.	.	.	P	.	.	P	.	P	.	P	P	.	.	P	P								
8.	SANSKRUTI RAJU MOTGHARE				22/8/24	.	P	.	P	.	P	P	P	.	P	.	P	P	P	.	P	.	P	P	P								
9.	SAURABH DONGRE				28/8/24	.	P	.	.	.	.	.	P	.	P	P	P	P	.	P	.	.	.	.	P								
10.	SAYALI RAVINDRA DHAKATE				29/8/24	P	.	.	P	P	.	P	.	.	.	P	P	.	P	.	P	P	.	.	.								
11.	SEJAL SUNIL BALPANDE				4/9/24	.	P	.	P	P	P	.	.	P	.	P	.	P	P	.	P	P	P	.	P								
12.	SHAGUN PRASHANT SINGH				6/9/24	P	P	.	.	.	P	.	.	.	P	.	.	P	P	P	.	.	.	.	P								
13.	SHEETAL GOPAL KRISHNA MAREPALLI				12/9/24	.	.	P	P	.	P	.	.	.	P	.	P	P	.	P	P	P	.	P	P								
14.	SHRADHA MOHAN BUTLE				18/9/24	P	P	P	.	.	.	P	.	.	.	.	.	P	.	P	P	P	.	P	P								
15.	SHRAVANI RAMKRISHNA DHARMIK				19/9/24	.	P	P	.	.	P	.	.	.	P	.	.	.	.	P	.	P	.	P	P								
16.	SHREYA DHANSINGH CHAUHAN				3/10/24	.	.	P	.	P	.	.	.	.	P	.	.	P	P	.	P	.	P	P	P								
17.	SHREYA RAVINDRA RAUT				5/10/24	P	P	P	P	.	.	P	P	.	.	.	.	.	P	.	.	P	.	.	P								

Name of Teacher - Ms. Pooja Talekar.

Bridge course



Co-Ordinator

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

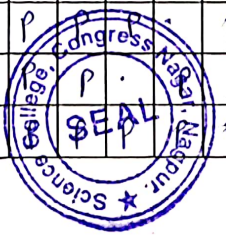
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 Theory / Practical

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		Deli	Att		Date / Cont act No.																					Current Month		Progressive Month	
				Deli		Att	Deli	Att																					
1.	SHUBH RAJESHKUMAR JAISWAL				P	.	P	.	P	P	.	P	P	.	P	P	P	.	.	P	P	P	P						
2.	SIDDHANT RAJENDRA DHANORKAR				.	.	P	P	.	.	P	.	P	.	P	P	P	.	P	P	.	.	P	P					
3.	SIMRAN KAUR JAGJIT SINGH BAWA				P	.	P	.	.	P	.	P	.	P	.	.	.	.	.	P	.	P	.	P				
4.	SUDAIVE DEVENDRA RAPARTIWAR				P	P	P	.	.	P	.	P	P	P	.	.	.	P	P	P	.	.	P	P					
5.	TANUSHREE GANESH PANPATTE				.	P	.	P	.	.	.	P	P	.	.	P	P	.	.	P	P	P	P	P					
6.	TANVI VIJAY SONARKAR				.	.	P	P	.	.	P	.	P	.	P	.	P	P	P	.	.	P	P	P					
7.	TRUSHITA UMESH JADHAV				P	P	P	P	.	.	P	P	P	.	P	.	P	.	P	P	P	P	.	.	P				
8.	UJWAL GAJANAN BELE					.	.	.	.	P	.	.	P	P	P	P	P	P	.	.	P	P	P	P				
9.	UPASNA RAJU PARSE				P	.	P	P	P	.	.	P	.	P	.	P	.	P	P	P	P	P	P	P					
10.	VAIDAHU UMESH WUIKE				P	P	P	P	.	.	.	P	P	.	P	P	.	P	.	P	P	P	P	P					
11.	VAIDEHI VIVEK WELANKIWAR				P	P	.	.	P	.	P	.	P	.	P	.	P	.	.	.	P	P	.	.					
12.	VAISHNAVI REWESHWAR SHAHARE				.	P	.	P	P	.	P	.	P	.	P	P	P	.	.	P	P	P	.	P					
13.	VAISHNAVI VASANT KARADE				P	P	P	.	.	.	P	P	P	.	P	P	P	.	P	P	P	P	P	P					
14.	VANSHIKA VILAS NANDESHWAR				P	P	.	.	P	.	P	.	P	.	P	.	P	P	P	.	P	P	P						
15.	VEDHAKSHI RAJU NINAWA				.	P	P	P	P	.	P	.	P	P	P	P	P	.	.	P	P	P	P	P					
16.	VIDHI ARVIND DHOKE				P	P	.	P	.	P	.	P	.	P	P	P	P	.	.	P	P	P	P						
17.	YOGITA TARACHAND CHALKHOR				P	P	P	P	.	P	.	P	.	P	P	P	P	.	.	P	P	P	P						



Signature
 Co-Ordinator

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

Name of Teacher - Ms. Pooja Talekar.

Bridge Course.