

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar ,Nagpur

U.G Department of Biotechnology

B. Sc Semester I (2023-24)


Biotechnology Paper I

Name of the Teacher- Ms. Payal Talekar


SRNO	NAME	TOPICS
1.	AMBULKAR ISHA PRADNYANAND	Bacterial morphology and subcellular structures kind of plasmids
2.	ANMADWAR KHUSHI RAJENDRA	limitations of electron microscopy
3.	BAHADURE VANSHITA DHARMAPAL	Cell wall of gram +ve and Gram -ve cells
4.	BHAGWAT KETKI AVIRAJ	Bacterial morphology and subcellular structures
5.	BHALKAR GAURI ABHIJIT	Numerical aperture and its importance
6.	BINEKAR MANSI SEVAK	kind of plasmids
7.	BISEN RIYA DELIRAM	General characteristics of viruses
8.	BORKAR MANSVI RAVI	Slime layer and capsule
9.	BORKAR NANDINI RAMKRUSHNA	comparison between optical and electron microscope
10.	BORKAR SHREYASHA DINESH	Endospore staining
11.	BUDDHALWAR SIDDHI VYANKATESH	Nutritional classification of bacteria
12.	BUDHE VINAY RAJENDRA	limitations of electron microscopy
13.	CHAUHAN SHANTANU SINGH SHAIENDRASINGH	flagella and fimbriae
14.	CHOUDHARI SHRAVANI RAMESH	Bacterial morphology and subcellular structures
15.	DAHAT SURBHI YOGRAJ	Numerical aperture and its importance
16.	DAHERIYA JAYSIKA RAMKISHAN	General characteristics of viruses
17.	DAHIKAR SARWANI ATUL	fluorescent microscopy
18.	DAS CHETANA SHAKTIPRASAD	limitations of electron microscopy
19.	DATARKAR NAYAN PRAKASHRAO	Slime layer and capsule
20.	DHOTE SHRISHTI RAVINDRA	Nutritional classification of bacteria
21.	DOYE PRANALI SHRIKRUSHNA	TEM and SEM
22.	GARODE GARGI SHAILESH	Numerical aperture and its importance
23.	GHOLSE LEENA BHOJRAJ	lytic cycle and lysogeny
24.	GIRI YASH DILIP	comparison between optical and electron microscope
25.	GODSE SIDDHI MADHAV	Endospore staining
26.	GOTMARE PARIKSHIT DEEPAK	Bacterial morphology and subcellular structures

27.	GURVE ADITI RAMKRUSHNA	Acid fast staining
28.	HADKE TEJASVI NITIN	Numerical aperture and its importance
29.	JAIN SHRUTI RAVIKUMAR	comparison between optical and electron microscope
30.	JENEKAR SHREYA NARENDRA	TEM and SEM
31.	KADU KARTIK VIVEK	flagella and fimbriae
32.	KALE VAIDEHI GIRISH	Nutritional classification of bacteria
33.	KAMANE SAURABH JAGDISH	Cell wall of gram +ve and Gram -ve cells
34.	KAMBLE SHATAKSHI VIJAY	limitations of electron microscopy
35.	KHADSE ISHA ESHWAR	Bacterial morphology and subcellular structures
36.	KHAPARDE SOURABHI RAJENDRA	Endospore staining
37.	KHEDULE TASHU VIPUL	nutritional classification of bacteria
38.	KHOBRADE BHAVESH SUBHASH	Slime layer and capsule
39.	KOHAD PURVA SANJAY	nutritional classification of bacteria
40.	KOLHE YASHASWI PRAVIN	General characteristics of viruses
41.	KUDKELWAR JANHVI RAVI	Acid fast staining
42.	LANDE SONALI RAJENDRA	Numerical aperture and its importance
43.	LOHAKARE SHRAVNI KAWADU	kind of plasmids
44.	MADAVI MAITHILI PRABHAKAR	TEM and SEM
45.	MAHANT ABHILASHA CHANDRASHEKHAR	flagella and fimbriae
46.	MANWATKAR MAHI PRAMOD	comparison between optical and electron microscope
47.	MASRAM SAMRUDHI SUBHASH	Nutritional classification of bacteria
48.	MESHARAM SHRIVIN NAVIN	Slime layer and capsule
49.	NAGBHIDKAR ASTHA SANJAY	lytic cycle and lysogeny
50.	NANDANWAR SANIYA MURLIDHAR	limitations of electron microscopy
51.	NIKOSE VAISHNAVI VASANTA	Cell wall of gram +ve and Gram -ve cells
52.	NINAWA RAKHI SANJAY	Acid fast staining
53.	NIPANE DARSHIKA DINDAYAL	Numerical aperture and its importance
54.	PARMAR ESHIKA RAJU	Nutritional classification of bacteria
55.	PATHE MANSI HANUMAN	Endospore staining
56.	PATLE NITAL PRALHAD	General characteristics of viruses
57.	PATLE VINARS NAYARAN	kind of plasmids
58.	PURKAM SANSKRUTI KISHOR	Nutritional classification of bacteria
59.	RAHANGDALE KAJAL TULSHIDAS	TEM and SEM
60.	RAMTEKE RUTUJA SHAILESH	Slime layer and capsule
61.	RAUT KHUSHI BHALCHANDRA	General characteristics of viruses
62.	RAUT NETRA NARENDRA	Bacterial morphology and subcellular structures
63.	SALUJA MANMEET KAUR RANJEET SINGH	limitations of electron microscopy
64.	SEPURWAR RIYA RAJENDRA	flagella and fimbriae
65.	SHEIKH RAFIYA ANJUM INTEYAJ AHMAD	Numerical aperture and its importance
66.	SHRIRAME SEJAL SHANKAR	Acid fast staining
67.	SHRIWAS BHUMIKA SUSHIL	Nutritional classification of bacteria
68.	SIRSAT AYUSHI RUPESH	Endospore staining

69.	TALE JAHANVI SURESH KUMAR	lytic cycle and lysogeny
70.	TALHAR SHRUTI AVINASH	limitations of electron microscopy
71.	TELANG VAIDEHI VIVEK	Cell wall of gram +ve and Gram -ve cells
72.	TITARMARE RENUKA AJAY	General characteristics of viruses
73.	UIKEY SEJWAL SANJAY	Slime layer and capsule
74.	UMREDKAR BHAVINEE ANIL	Nutritional classification of bacteria
75.	WADASKAR NANDINI ARVIND	comparison between optical and electron microscope
76.	WAGDE NANDINI HEMANT	TEM and SEM
77.	WAGH ANUSHKA VIKRAM	fluorescent microscopy
78.	WAGHAMARE MRUNALI MORESHWAR	kind of plasmids
79.	WANKHEDE DURVESH NILESH	Nutritional classification of bacteria
80.	WANKHEDE KANCHAN VINOD	Bacterial morphology and subcellular structures
81.	WASNIK ASTHA SUNIL	flagella and fimbriae
82.	YADAV JIYA ASHOK	Cell wall of gram +ve and Gram -ve cells


Signature of the Teacher
 Ms. Payal Talekar




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 Dr. Pranita Gulhane

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B. Sc Semester I (2023-24)

Biotechnology Paper II

Name of the Teacher- Dr. Sapna Baghel

SRNO.	NAME	TOPICS
1.	AMBULKAR ISHA PRADNYANAND	Structure of amino acids occurring in protein
2.	ANMADWAR KHUSHI RAJENDRA	Chemical structure and base composition of nucleic acid
3.	BAHADURE VANSHITA DHARMAPAL	advantages of oligomeric protein
4.	BHAGWAT KETKI AVIRAJ	Determination of primary structure
5.	BHALKAR GAURI ABHIJIT	Forces stabilizing quaternary structure
6.	BINEKAR MANSI SEVAK	Titration curves of neutral, basic and acidic amino acids
7.	BISEN RIYA DELIRAM	advantages of oligomeric protein
8.	BORKAR MANSVI RAVI	myoglobin as an example of tertiary structure
9.	BORKAR NANDINI RAMKRUSHNA	Cot curves
10.	BORKAR SHREYASHA DINESH	Structure of amino acids occurring in protein
11.	BUDDHALWAR SIDDHI VYANKATESH	concept of domain
12.	BUDHE VINAY RAJENDRA	Forces stabilizing quaternary structure
13.	CHAUHAN SHANTANU SINGH SHAIENDRASINGH	Chemical structure and base composition of nucleic acid
14.	CHOUDHARI SHRAVANI RAMESH	Protein denaturation
15.	DAHAT SURBHI YOGRAJ	Forces stabilizing quaternary structure
16.	DAHERIYA JAYSIKA RAMKISHAN	Titration curves of neutral, basic and acidic amino acids
17.	DAHIKAR SARWANI ATUL	Advantages of oligomeric protein
18.	DAS CHETANA SHAKTIPRASAD	Determination of primary structure
19.	DATARKAR NAYAN PRAKASHRAO	Forces stabilizing quaternary structure
20.	DHOTE SHRISHTI RAVINDRA	concept of split genes
✓ 21.	DOYE PRANALI SHRIKRUSHNA	myoglobin as an example of tertiary structure myoglobin as an example of tertiary structure
✓ 22.	GARODE GARGI SHAILESH	Alpha -helix & Beta Helix
23.	GHOLSE LEENA BHOJRAJ	concept of domain
24.	GIRI YASH DILIP	Cot curves
25.	GODSE SIDDHI MADHAV	Determination of primary structure
26.	GOTMARE PARIKSHIT DEEPAK	Titration curves of neutral, basic and acidic amino acids

27.	GURVE ADITI RAMKRUSHNA	Advantages of oligomeric protein
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