

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

U.G Department of Biotechnology

B. Sc Semester V (2023-24)

Biotechnology Paper I

Name of the Teacher- Mayuri Bhad

SRNO	NAME	TOPICS
1.	BADWAIK PRIYANSHU PRASHANT	Structure of prokaryotic RNA polymerase
2.	BELEKAR SIDDHANT MANISH	Physical and chemical mutagens
3.	BHAGAT ANUSHA MOHAN	Mismatch repair, NER, BER, light induced repair, SOS repair
4.	BHATTACHARYA SRISHTY ANUP	Missense, nonsense and frameshift mutations
5.	BHAWALKAR REETA PRAKASHRAO	structure of prokaryotic RNA polymerase
6.	BOKSE OM SANJAY	auxiliary proteins of transcription
7.	BUNDE SAMPADA VIKASRAO	Brief idea of reverse transcription
8.	CHOUDHARI JANHAVI PRAMOD	auxiliary proteins of transcription
9.	DADMAL HIMANI LAXMAN	Mutagens.
10.	DAVE ANJALI DHARMESH	structure of prokaryotic RNA polymerase
11.	DEOTALE VAISHNAVI ANIL	Physical and chemical mutagens
12.	DEWANGAN LISA DHARMESH	Mismatch repair, NER, BER, light induced repair, SOS repair
13.	DHOKE AMBALEENA AMBADAS	lac- and trp-operon
14.	DOBLE WRUKSHANI VINOD	structure of prokaryotic RNA polymerase
15.	DONGARWAR PRACHI BABLU	Physical and chemical mutagens
16.	GADGILWAR PARTH SANJAY	Brief Idea of Reverse Transcription
17.	GANTHADE KRUTIKA ANAND	Missense, nonsense and frameshift mutations
18.	HAJARE TANUSHREE RUPESHRAO	Reverse transcription
19.	HANUMANTE MINAL HARICHANDRA	auxiliary proteins of transcription
20.	HIRDE SHOUNAK SHAILENDRA	lac- and trp-operon

21.	KALBHUT SAMIKSHA BHOJARAJ	concept of promoter
22.	KALE AKANKSHA RAJESH	Missense, nonsense and frameshift mutations
23.	KESARE DIVYA DILIP	lac- and trp-operon
24.	KUHIKAR TANMAYI SHIRISH	Use of DNA replication mutants in the study of replication
25.	KUMBHARE PRITI SATENDRA	lac- and trp-operon
26.	LUCHE PARTH LILARAM	structure of prokaryotic RNA polymerase
27.	MAHANT CHANDVI MANIK	lac- and trp-operon
28.	MANDURKAR DHANSHREE SHARADRAO	structure of prokaryotic RNA polymerase
29.	MANGE SANSKRUTI ARUN	Types of Gene Mutagen
30.	MATE RAGHAV PRASANNA	Mismatch repair, NER, BER, light induced repair, SOS repair
31.	MOHOD GEETIKA ANIL	Missense, nonsense and frameshift mutations
32.	MUNJEKAR PRUTHA RAJESH	Reverse transcription
33.	NAGRALE PRIYANSHU RAMDAS	auxiliary proteins of transcription
34.	NIKHARE TEJASWINI KAMALKISHOR	lac- and trp-operon
35.	PARANJAPE SHRAVANEERAJEEV	concept of promoter
36.	PATHRABE MAHEE MAHESH	Missense, nonsense and frameshift mutations
37.	PATIL MADHUR VIJAY	lac- and trp-operon
38.	PATLE SNEHAL MANOJKUMAR	Use of DNA replication mutants in the study of replication
39.	PILLEWAN KIMAYA GIRIDHAR	lac- and trp-operon
40.	RAUT PRACHI PRAKASH	structure of prokaryotic RNA polymerase
41.	RAUT SONALI KAMLESHWAR	Physical and chemical mutagens
42.	RODE PRERNA SURESH	structure of prokaryotic RNA polymerase
43.	SAKHARE SAKSHI RAVINDRA	Physical and chemical mutagens
44.	SARAF SHRAVANI NIRANJAN	Mismatch repair, NER, BER, light induced repair, SOS repair
45.	SARODE HARDIKA PANDURANG	Missense, nonsense and frameshift mutations
46.	SARVE KHUSHABU SANJAY	structure of prokaryotic RNA polymerase
47.	SARVE SHRAWANI DEVRAO	auxiliary proteins of transcription
48.	SARWE ANJALI BHAURAO	Brief idea of reverse transcription
49.	SATIBAWANE BHARTI RAJESH	Structure of Prokaryotic RNA Polymerase.

50.	SHARMA TRUPTI DINESHKUMAR	Brief idea of reverse transcription
51.	SHEIKH AFIYANAAZ MANNAN	structure of prokaryotic RNA polymerase
52.	SHEMBEKAR SANYUGI HEMRAJ	Physical and chemical mutagens
53.	SINGH NANDINI SHIVBHOLA	Mismatch repair, NER, BER, light induced repair, SOS repair
54.	SONONE RAJ SANJAY	Missense, nonsense and frameshift mutations
55.	SONTAKKE SONIYA PRADEEP	auxiliary proteins of transcription
56.	SORTE SHREYA RAJENDRA	Brief idea of reverse transcription
57.	SUPLE SAYLEE SUDHAKAR	auxiliary proteins of transcription
58.	SURKAR DIVYA MANOJ	auxiliary proteins of transcription
59.	SURYAWANSHI SHAVARI ULHAS	Operons
60.	SYED AAFTAB FAZLULLAH	Physical and chemical mutagens
61.	TIMANDE LAXMI KIRAN	Mismatch repair, NER, BER, light induced repair, SOS repair
62.	TIWARI ANUP SURENDRA	Missense, nonsense and frameshift mutations
63.	UMREDKAR SHRUTIKA HOMDEV	structure of prokaryotic RNA polymerase
64.	VAIDYA KHUSHBU RAMKISAN	auxiliary proteins of transcription
65.	WAGHMARE DARSHAN SUDHAKARRAO	Brief idea of reverse transcription
66.	YADAV NIDHI MURLIDHAR	auxiliary proteins of transcription

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B. Sc Semester V (2023-24)

Biotechnology Paper II

Name of the Teacher- Mayuri Bhad

SRNO.	NAMES	TOPICS
1.	BADWAIK PRIYANSHU PRASHANT	Polymerase chain reaction
2.	BELEKAR SIDDHANT MANISH	Applications of recombinant DNA technology
3.	BHAGAT ANUSHA MOHAN	Polymerase chain reaction
4.	BHATTACHARYA SRISHTY ANUP	Plasmid vectors (pBR322 and pUC 18/19)
5.	BHAWALKAR REETA PRAKASHRAO	Screening methods
6.	BOKSE OM SANJAY	Polymerase chain reaction
7.	BUNDE SAMPADA VIKASRAO	Shine and Dalgarno sequence and the 16S rRNA
8.	CHOUDHARI JANHAVI PRAMOD	Polymerase chain reaction
9.	DADMAL HIMANI LAXMAN	Plasmid vectors (pBR322 and pUC 18/19)
10.	DAVE ANJALI DHARMESH	phage T4 protein p32 translational regulation
11.	DEOTALE VAISHNAVI ANIL	Autogenous control of r-proteins
12.	DEWANGAN LISA DHARMESH	Transfection and transformation
13.	DHOKE AMBALEENA AMBADAS	General features of an expression vector
14.	DOBLE WRUKSHANI VINOD	Shine and Dalgarno sequence and the 16S rRNA
15.	DONGARWAR PRACHI BABLU	Polymerase chain reaction
16.	GADGILWAR PARTH SANJAY	phage T4 protein p32 translational regulation
17.	GANTHADE KRUTIKA ANAND	Transfection and transformatio
18.	HAJARE TANUSHREE RUPESHRAO	Applications of recombinant DNA technology
19.	HANUMANTE MINAL HARICHANDRA	Phagemids and YAC
20.	HIRDE SHOUNAK SHAILENDRA	General features of an expression vector
21.	KALBHUT SAMIKSHA BHOJARAJ	Shine and Dalgarno sequence and the 16S rRNA
22.	KALE AKANKSHA RAJESH	General features of an expression vector
23.	KESARE DIVYA DILIP	Plamid Vector
24.	KUHIKAR TANMAYI SHIRISH	Protein Synthesis : Initiation, elongation, and termination

25.	KUMBHARE PRITI SATENDRA	General features of an expression vector
26.	LUCHE PARTH LILARAM	Genomic DNA library and cDNA library
27.	MAHANT CHANDVI MANIK	Plasmid vectors (pBR322 and pUC 18/19)
28.	MANDURKAR DHANSHREE SHARADRAO	General features of an expression vector
29.	MANGE SANSKRUTI ARUN	Shine and Dalgarno sequence and the 16S rRNA
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33.	NAGRALE PRIYANSHU RAMDAS	Applications of recombinant DNA technology
34.	NIKHARE TEJASWINI KAMALKISHOR	Polymerase chain reaction
35.	PARANJAPE SHRAVANEERAJEEV	Transcription Initiation
36.	PATHRABE MAHEE MAHESH	Polymerase chain reaction
37.	PATIL MADHUR VIJAY	Plasmid vectors (pBR322 and pUC 18/19)
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46.	SARVE KHUSHABU SANJAY	SOS Repair
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