



BRIDGE COURSE SYLLABUS

DEPARTMENT : BIOTECHNOLOGY
CLASS : I-B.SC BIOTECHNOLOGY
COURSE : INTRODUCTION TO BIOTECHNOLOGY
ACADEMIC YEAR : 2022 – 2023

Objective:

To make the students get familiarized with the different concepts of biological techniques and its applications in different areas of lifesciences

Unit I Hierarchial system of living system

Life and living system, hirerchy of cell, Function of cell and cell organelles, Genetic material, Role of genetic material in a living system, Complexity of genome

Unit II- Cellular functions

Cellular functions in growth and metabolism, molecular organization in cell function, Alterations in cell functions, Diseases and disorders- Genetic and metabolic

Unit III- Recent trends in Biotechnology

Fields of biotechnology- Plant and biotechnology, Animals and biotechnology, Chemistry and biotechnology, Physics and biotechnology, Mathematics and biotechnology, Computer science and biotechnology

Unit IV- Research and biotechnology

Invention and discoveries in biological sciences, Research solutions in realtime problems, Research methodology, Biological techniques in real time research

Unit V- Career growth in Biotechnology

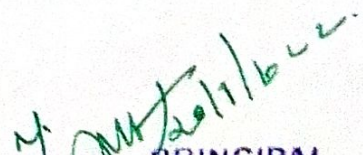
Career oppurtunities in biotechnology, Research centers, Biotechnological roles and responsibilities, Research schemes and funding oppurtunities

Course Outcome

Upon completion of the course the students will be able to

- Understand the core concepts of life and living system
- Gain an insight on how cellular functions govern the living system
- Acquire basic knowledge on the different techniques used to study molecular system
- Generate new research ideas for any biological problem
- Decide and focus on her career in the field of biotechnology


HOD 20/7/2022


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Vanivambadi - 635 751



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI



BRIDGE COURSE TIMETABLE 2022 – 2023

DEPARTMENT : BIOTECHNOLOGY
CLASS : I-B.SC BIOTECHNOLOGY
COURSE : INTRODUCTION TO BIOTECHNOLOGY
ACADEMIC YEAR : 2022 – 2023

D/O	I	II	III	IV	V
I	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	SKILL
II	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	SKILL
III	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	SKILL
IV	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	SKILL
V	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	SKILL
VI	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	INTRODUCTION TO BIOTECHNOLOGY	COMMUNICATIVE ENGLISH	SKILL

S. Anil
CLASS TEACHER

M. D. S. S.
HOD
6/8/2022

M. D. S. S.
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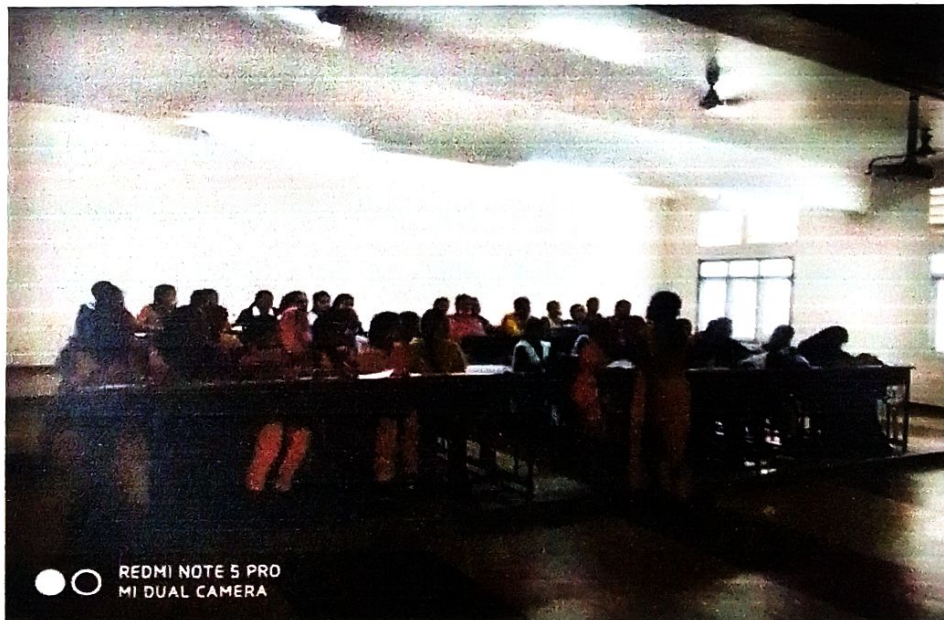
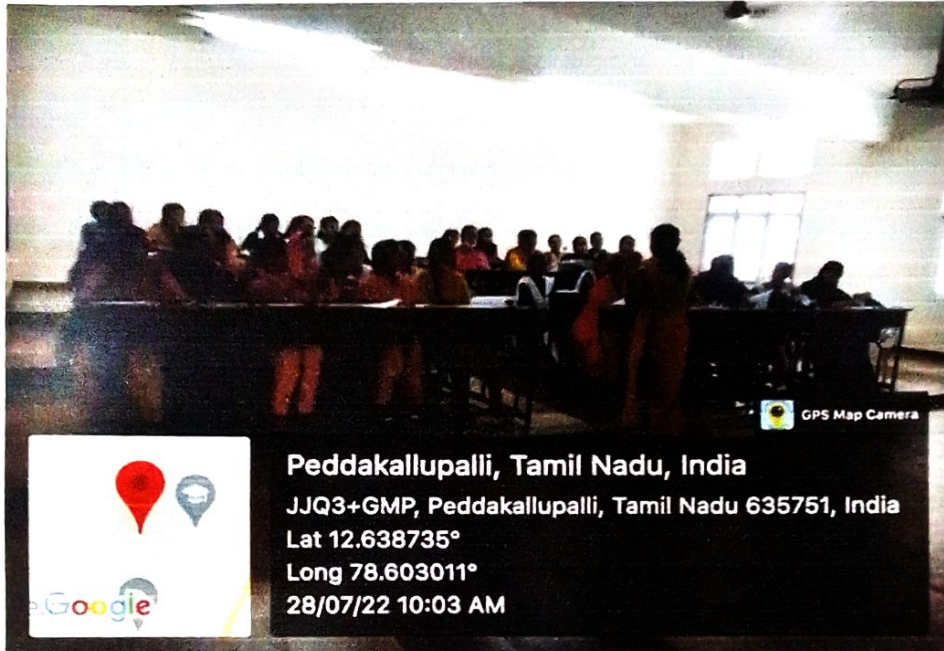


MARUDHAR KESARI JAIN COLLEGE FOR WOMEN, VANIYAMBADI



DEPARTMENT OF BIOTECHNOLOGY

BRIDGE COURSE PHOTO



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28/7/2022

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BRIDGE COURSE ATTENDANCE 2022-2023

DEPARTMENT : BIOTECHNOLOGY
 ACADEMIC YEAR : 2022-2023
 CLASS : I BSC BIOTECHNOLOGY
 COURSE NAME : BIOTECHNOLOGY

S.NO	NAME OF THE STUDENTS	25.07.2022	26.07.2022	27.07.2022	28.07.2022	29.07.2022	30.07.2022	02.08.2022	04.08.2022	05.08.2022	06.08.2022
1	ABINAYA V	V. Abi	V. Abi	V. Abi	V. Abi	V. Abi	V. Abi	V. Abi	V. Abi	V. Abi	V. Abi
2	AYESHAUMEZ F	F. Ayesha	F. Ayesha	F. Ayesha	F. Ayesha	F. Ayesha	F. Ayesha	F. Ayesha	F. Ayesha	F. Ayesha	A
3	BHAGYALAKSHMI M							Bhagya	Bhagya	Bhagya	A
4	DEVI SHREE N V	N. Shree	N. Shree	N. Shree	N. Shree	N. Shree	N. Shree	N. Shree	N. Shree	N. Shree	N. Shree
5	DHARANI M	M. Dhara	M. Dhara	M. Dhara	M. Dhara	M. Dhara	M. Dhara	M. Dhara	M. Dhara	M. Dhara	M. Dhara
6	DHARSHINI P	P. Dhara	P. Dhara	P. Dhara	P. Dhara	P. Dhara	P. Dhara	P. Dhara	P. Dhara	P. Dhara	P. Dhara
7	DIVYADHARSHINI S	S. Divya	S. Divya	S. Divya	S. Divya	S. Divya	S. Divya	S. Divya	S. Divya	A	S. Divya
8	FAIZA HASSAN I	I. Faiza	I. Faiza	I. Faiza	I. Faiza	I. Faiza	I. Faiza	I. Faiza	I. Faiza	I. Faiza	I. Faiza
9	GOPIKA S	S. Gopi	S. Gopi	S. Gopi	S. Gopi	S. Gopi	S. Gopi	S. Gopi	S. Gopi	S. Gopi	A
10	HARINI S	S. Harini	S. Harini	S. Harini	S. Harini	S. Harini	S. Harini	S. Harini	S. Harini	S. Harini	S. Harini
11	JABASRI S							S. Jabasri	S. Jabasri	S. Jabasri	S. Jabasri
12	JAYASREE V	V. Jaya	V. Jaya	V. Jaya	V. Jaya	V. Jaya	V. Jaya	V. Jaya	V. Jaya	V. Jaya	V. Jaya
13	KASHIFA SADAF M A							M. Kashifa	M. Kashifa	M. Kashifa	M. Kashifa
14	KEERTHIKA M	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi	M. Keerthi
15	KOWSALYA E	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya	E. Kowsalya
16	KOWSALYA V	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya	V. Kowsalya
17	KRISHNA PRIYA S	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna	S. Krishna
18	LAVITHA D	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha	D. Lavitha
19	LITHIKA S	S. Lithika	S. Lithika	S. Lithika	S. Lithika	S. Lithika	S. Lithika	S. Lithika	S. Lithika	S. Lithika	S. Lithika
20	LOKESHWARI P			P. Lokeshwari	P. Lokeshwari	P. Lokeshwari	P. Lokeshwari	P. Lokeshwari	A	P. Lokeshwari	P. Lokeshwari
21	MADIHA MARIYAM JM	J. Madiha	J. Madiha	J. Madiha	A	J. Madiha	J. Madiha	J. Madiha	J. Madiha	J. Madiha	A
22	MAGESWARI V	V. Mageswari	V. Mageswari	V. Mageswari	V. Mageswari	V. Mageswari	A	V. Mageswari	V. Mageswari	V. Mageswari	V. Mageswari
23	MAHALAKSHMI S	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi	S. Mahalakshmi
24	MISBA KOUSAR E	E. Misba	E. Misba	E. Misba	E. Misba	E. Misba	E. Misba	E. Misba	E. Misba	A	E. Misba
25	MONIKA M	M. Monika	M. Monika	M. Monika	M. Monika	M. Monika	M. Monika	M. Monika	M. Monika	M. Monika	M. Monika

26	MYTHILI D	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili	D. Mythili
27	NADHIYA G	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya	G. Nadhiya
28	NANDHINI R				R. Nandhini	R. Nandhini	A	R. Nandhini	R. Nandhini	A	A	
29	NANDHINI S	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini	S. Nandhini
30	NIVETHA D	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha	D. Nivetha
31	POORNIMA R	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima	R. Poornima
32	PRINCY RUPA J	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy	J. Princy
33	PRIYADHARSHINI M	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini	M. Priyadharshini
34	PRIYADHARSHINI R							R. Priyadharshini	R. Priyadharshini	R. Priyadharshini	R. Priyadharshini	R. Priyadharshini
35	RADHIKA V	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika	V. Radhika
36	ROHINI R	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini	R. Rohini
37	SADIYA SARWATH A	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A. Sadiya	A
38	SAKTHI PRIYA R	R. Sakthi Priya	R. Sakthi Priya	R. Sakthi Priya	R. Sakthi Priya	A	R. Sakthi Priya	R. Sakthi Priya	R. Sakthi Priya	R. Sakthi Priya	R. Sakthi Priya	R. Sakthi Priya
39	SHAKEERA TABASSUM S									Shakeera S	Shakeera S	Shakeera S
40	SOWMIYA T			T. Sowmya	T. Sowmya	T. Sowmya	T. Sowmya	T. Sowmya	T. Sowmya	T. Sowmya	T. Sowmya	T. Sowmya
41	SRIDEVADHARSHINI G									G. Sri Deva	G. Sri Deva	G. Sri Deva
42	SUJATHA P	P. Sujatha	P. Sujatha	P. Sujatha	P. Sujatha	P. Sujatha	P. Sujatha	P. Sujatha	P. Sujatha	P. Sujatha	A	P. Sujatha
43	SWATHI S	S. Swathi	S. Swathi	S. Swathi	S. Swathi	S. Swathi	S. Swathi	S. Swathi	S. Swathi	A	A	A
44	TANISHA K	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha	K. Tanisha
45	TANUJA N	N. Tanuja	N. Tanuja	N. Tanuja	N. Tanuja	N. Tanuja	A	N. Tanuja	N. Tanuja	A	A	A
46	THIRISHA T	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha	T. Thirisha
47	VAISHNAVI A	A. Vaishnavi	A. Vaishnavi	A	A. Vaishnavi	A. Vaishnavi	A. Vaishnavi	A. Vaishnavi	A. Vaishnavi	A. Vaishnavi	A. Vaishnavi	A
48	VAITHEESWARI P	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari	P. Vaitheeswari
49	ZAINAB KOUNAIN C	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain	C. Zainab Kounain

CLASS TEACHER

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Vaniyambadi - 635 751



BRIDGE COURSE FEEDBACK 2022-2023

DEPARTMENT : BIOTECHNOLOGY
 ACADEMIC YEAR : 2022-2023
 CLASS : I BSC BIOTECHNOLOGY
 COURSE NAME : BIOTECHNOLOGY

S.NO	STUDENTS NAME	Dr.R.Jesu Jayasudan	Dr.J.Lesitha Jeevakumari	Dr.M.Gomathi
1	ABINAYA V	Excellent	Very Good	Good
2	AYESHAUMEZ F	Very Good	Excellent	Excellent
3	BHAGYALAKSHMI M	Excellent	Excellent	Excellent
4	DEVI SHREE N V	Excellent	Excellent	Excellent
5	DHARANI M	Very Good	Excellent	Very Good
6	DHARSHINI P	Very Good	Very Good	Very Good
7	DIVYADHARSHINI S	Very Good	Very Good	Very Good
8	FAIZA HASSAN I	Excellent	Excellent	Excellent
9	GOPIKA S	Excellent	Excellent	Excellent
10	HARINI S	Excellent	Excellent	Excellent
11	JABASRI S	Excellent	Excellent	Excellent
12	JAYASREE V	Excellent	Excellent	Excellent
13	KASHIFA SADAF M A	Excellent	Excellent	Excellent
14	KEERTHIKA M	Excellent	Excellent	Excellent
15	KOWSALYA E	Very Good	Excellent	Excellent
16	KOWSALYA V	Excellent	Excellent	Excellent
17	KRISHNA PRIYA S	Excellent	Excellent	Excellent
18	LAVITHA D	Excellent	Excellent	Excellent
19	LITHIKA S	Very Good	Excellent	Good
20	LOKESHWARI P	Excellent	Excellent	Excellent
21	MADIHA MARIYAM JM	Excellent	Excellent	Excellent
22	MAGESWARI V	Very Good	Excellent	Excellent
23	MAHALAKSHMI S	Excellent	Very Good	Very Good
24	MISBA KOUSAR E	Excellent	Very Good	Good
25	MONIKA M	Excellent	Excellent	Excellent
26	MYTHILI D	Excellent	Excellent	Excellent
27	NADHIYA G	Excellent	Excellent	Excellent
28	NANDHINI R	Excellent	Very Good	Good
29	NANDHINI S	Excellent	Very Good	Very Good

30	NIVETHA D	Excellent	Excellent	Excellent
31	POORNIMA R	Excellent	Very Good	Good
32	PRINCY RUPA J	Excellent	Excellent	Excellent
33	PRIYADHARSHINI M	Excellent	Excellent	Excellent
34	PRIYADHARSHINI R	Excellent	Very Good	Good
35	RADHIKA V	Very Good	Excellent	Excellent
36	ROHINI R	Excellent	Excellent	Excellent
37	SADIYA SARWATH A	Excellent	Excellent	Excellent
38	SAKTHI PRIYA R	Very Good	Excellent	Very Good
39	SHAKEERA TABASSUM S	Very Good	Very Good	Very Good
40	SOWMIYA T	Very Good	Very Good	Very Good
41	SRIDEVADHARSHINI G	Excellent	Excellent	Excellent
42	SUJATHA P	Excellent	Excellent	Excellent
43	SWATHI S	Excellent	Excellent	Excellent
44	TANISHA K	Excellent	Excellent	Excellent
45	TANUJA N	Excellent	Excellent	Excellent
46	THIRISHA T	Very Good	Excellent	Excellent
47	VAISHNAVI A	Very Good	Excellent	Excellent
48	VAITHEESWARI P	Very Good	Excellent	Excellent
49	ZAINAB KOUNAIN C	Very Good	Excellent	Excellent

S. A. J. 6/8/22
CLASS TEACHER

HOD 6/8/2022

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