



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)
VANIYAMBADI

PG & RESEARCH DEPARTMENT BIOTECHNOLOGY

BRIDGE COURSE SYLLABUS 2025-2026

COURSE NAME: AN INTRODUCTION TO BIOTECHNOLOGY

Course Objective:

1. To know the Hierarchy of living system
2. To Understand the cellular functions
3. To familiarize with different branches of Biotechnology
4. To make the students get familiarized with Biotechnology Companies
5. To know the Career opportunities in Biotechnology

Section	Topic	Pedagogy Activity	Staff Incharge
1	Curriculum in B.Sc Biotechnology	Discussion	Dr. R. Jesu Jaya Sudan
2	Life and living system, hierarchy of cell, Function of cell and cell organelles	Presentation	Dr. R. Jesu Jaya Sudan
3	Genetic material, Role of genetic material in a living system, Complexity of genome	Lecturing	Dr. R. Jesu Jaya Sudan
4	Cellular functions in growth and metabolism	Presentation	Dr. J. lesitha Jeevakumari
5	Diseases and disorders- Genetic and metabolic	Presentation	Dr. J. lesitha Jeevakumari
6	Fields of biotechnology- Plant and biotechnology, Animals and biotechnology, Chemistry and biotechnology	Group Discussion	Dr. J. lesitha Jeevakumari

7	Physics and biotechnology, Mathematics and biotechnology, Computer science and biotechnology	Group Discussion	Ms. S. Aruna
8	Applications of Biotechnology	Presentation	Ms. S. Aruna
9	Biotechnology Companies and Research Centers in India	Presentation	Dr. M. Gomathi
10	Career opportunities in biotechnology	Discussion	Dr. M. Gomathi

Course Outcomes

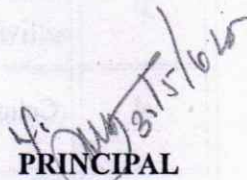
Upon completion of the course the students will be able to

- 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 branches of Biotechnology
- Know various Biotechnology companies
- Decide and focus on her career in the field of biotechnology

Assessment

Quiz/PPT/Multiple choice questions


HOD


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Marudhar Kesari Jain College
for Women (affiliated to U.P.)
Varanasi



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS), VANIAMBADI

DEPARTMENT OF BIOTECHNOLOGY

BRIDGE COURSE TIME TABLE 2025-2026

DATE : 09.06.2025 – 13.06.2025

DAY ORDER	I	II	III	IV	V
1	AN INTRODUCTION TO BIOTECHNOLOGY Dr. R. JESU JAYA SUDAN	MOTIVATIONAL CLASS Dr. MERLIN MYTHILI	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. J. LEISTHA JEEVA KUMARI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. M. GOMATHI
2	AN INTRODUCTION TO BIOTECHNOLOGY Dr. R. JESU JAYA SUDAN	BEYOND CURRICULUM AND EXAM PATTERN (Dr. SRINIVASAN)	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. J. LEISTHA JEEVA KUMARI	AN INTRODUCTION TO BIOTECHNOLOGY Ms. S. ARUNA
3	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Ms. S. ARUNA	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. R. JESU JAYA SUDAN	AN INTRODUCTION TO BIOTECHNOLOGY Dr. M. GOMATHI
4	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. J. LEISTHA JEEVA KUMARI	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. M. GOMATHI	SPORTS
5	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Ms. S. ARUNA	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	AN INTRODUCTION TO BIOTECHNOLOGY Dr. R. JESU JAYA SUDAN	AN INTRODUCTION TO BIOTECHNOLOGY Dr. M. GOMATHI

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**MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)
VANIYAMBADI**

PG DEPARTMENT OF CHEMISTRY

BRIDGE COURSE TIME TABLE - (2025 -2026)

Hour /Day order	1	2	3	4	5
Day 1	Beyond the curriculum and exam Pattern Dr.M.Srinivasan	Curriculum Structure of Degree Program Dr.M.Charumathy	Communicative English Ms.Revathi	Functional group identification Dr.J.Logeswari	Organic Chemistry Fundamentals Ms.Sangeetha
Day 2	Motivational Class Dr.Merlin Mythili	Lab Skills and Safety Ms.Boomika	Communicative English Ms.Revathi	Scope of Chemistry Ms.Baranipriya	Sports
Day 3	Introduction of Chemistry Ms.Baranipriya	Organic Chemistry Fundamentals Ms.Sangeetha	Communicative English Ms.Revathi	Idea about of Chemical Process Ms.R.Ramya	Atomic Structure Ms.M.Kaviya
Day 4	Communicative English Ms.Revathi	Atomic Structure Ms.M.Kaviya	Communicative English Ms.Revathi	Lab Demo Dr.Perumal	Basic Chemistry Ms.C.Thamilmozhi
Day 5	Communicative English Ms.Revathi	Basic Chemistry Ms.C.Thamilmozhi	Communicative English Ms.Revathi	Lab Demo Dr.Perumal	Chemistry in Consumer Products Ms.P.Tamilaruvi

Key 25/6/25
HOD

30/5/25
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Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



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VANIYAMBADI

PG DEPARTMENT OF BIOTECHNOLOGY

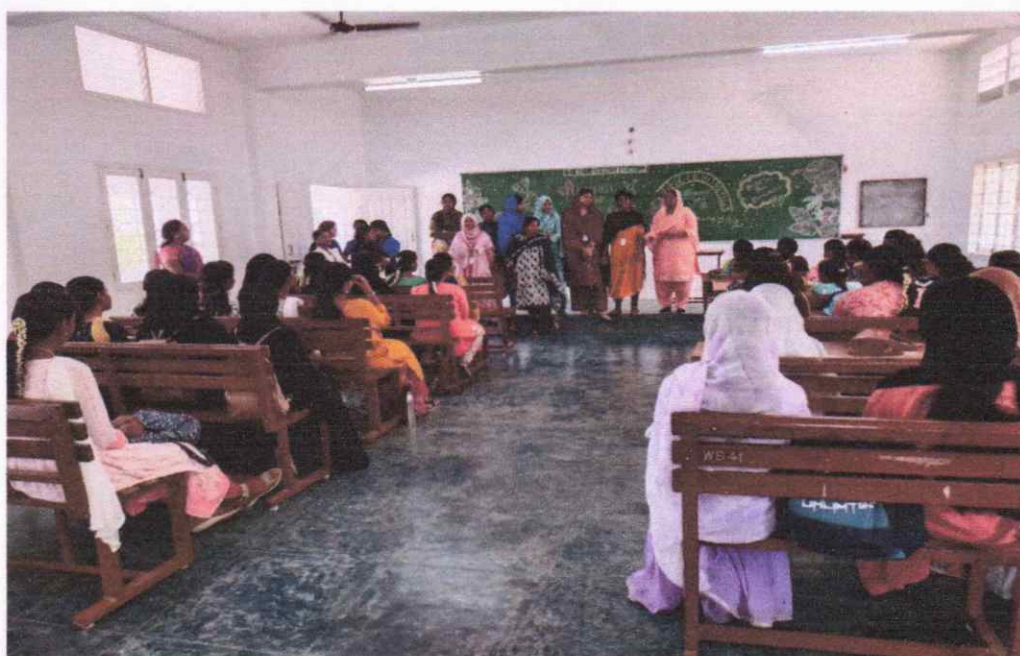
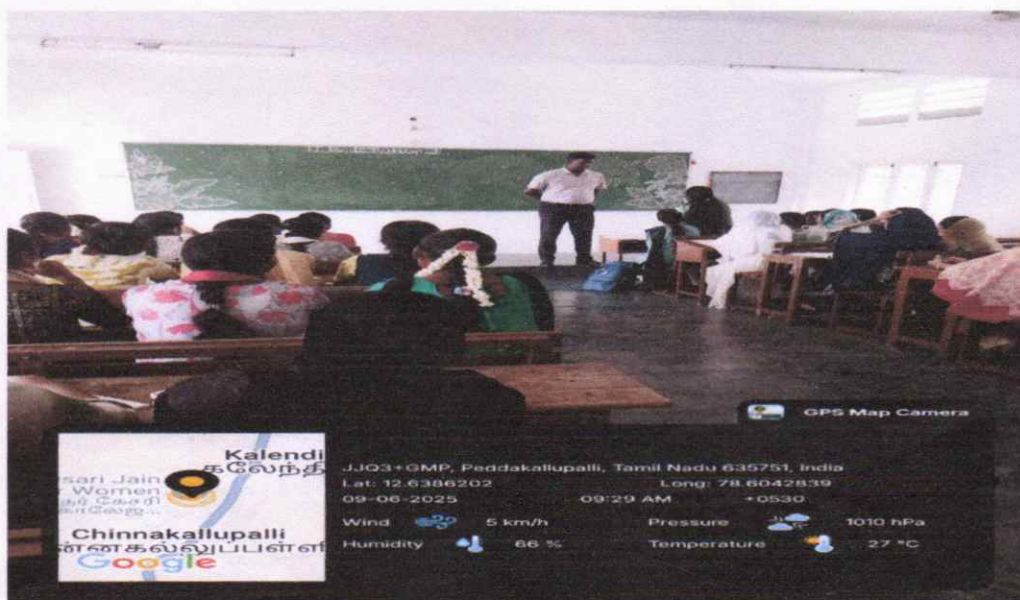
2025-2026

BRIDGE COURSE

AN INTRODUCTION TO BIOTECHNOLOGY

09.06.2025 -13.06.2025

PHOTOS



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Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



Department: Biotechnology

Academic Year: 2025-2026

Class: I B.Sc Biotechnology

Course Name: AN INTRODUCTION TO BIOTECHNOLOGY

S.No	Name of the Student	Signature				
		09.06.25	10.06.25	11.06.25	12.06.25	13.06.25
1	AALIYA Kouser E R	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	ANITHA G	<i>G. Anitha</i>	<i>G. Anitha</i>	<i>G. Anitha</i>	<i>G. Anitha</i>	<i>G. Anitha</i>
3	ANUSHIYA G	<i>G. Anushya</i>	<i>G. Anushya</i>	<i>G. Anushya</i>	<i>G. Anushya</i>	<i>G. Anushya</i>
4	BAVADHARANI L	<i>L. Bavadharani</i>	<i>L. Bavadharani</i>	<i>L. Bavadharani</i>	<i>L. Bavadharani</i>	<i>L. Bavadharani</i>
5	BRINDHA R	<i>R. Brindha</i>	<i>R. Brindha</i>	<i>R. Brindha</i>	<i>R. Brindha</i>	<i>R. Brindha</i>
6	BUSHRA MEHREIN A	<i>A. Bushra</i>	<i>A. Bushra</i>	<i>A. Bushra</i>	<i>A. Bushra</i>	<i>A. Bushra</i>
7	DHARANILAKSHMI S	<i>S. Dharani</i>	<i>S. Dharani</i>	<i>S. Dharani</i>	<i>S. Dharani</i>	<i>S. Dharani</i>
8	DHARSHINI M	<i>M. Dharshini</i>	<i>M. Dharshini</i>	<i>M. Dharshini</i>	<i>M. Dharshini</i>	<i>M. Dharshini</i>
9	DHARSHINI S S	<i>S. Dharshini</i>	<i>S. Dharshini</i>	<i>S. Dharshini</i>	<i>S. Dharshini</i>	<i>S. Dharshini</i>
10	DHEETCHANA O	<i>O. Dheetchana</i>	<i>O. Dheetchana</i>	<i>O. Dheetchana</i>	<i>O. Dheetchana</i>	<i>O. Dheetchana</i>
11	EVANCHLIN U	<i>U. Evanchlin</i>	<i>U. Evanchlin</i>	<i>U. Evanchlin</i>	<i>U. Evanchlin</i>	<i>U. Evanchlin</i>
12	FARZEEN NAAZ E R	<i>E. R. Farzeen</i>	<i>E. R. Farzeen</i>	<i>E. R. Farzeen</i>	<i>E. R. Farzeen</i>	<i>E. R. Farzeen</i>
13	GOPIKA P	<i>P. Gopika</i>	<i>P. Gopika</i>	<i>P. Gopika</i>	<i>P. Gopika</i>	<i>P. Gopika</i>
14	HARIPRIYA V	<i>V. Haripriya</i>	<i>V. Haripriya</i>	<i>V. Haripriya</i>	<i>V. Haripriya</i>	<i>V. Haripriya</i>
15	HURERA TASNEEM C N	<i>C. N. Hurera</i>	<i>C. N. Hurera</i>	<i>C. N. Hurera</i>	<i>C. N. Hurera</i>	<i>C. N. Hurera</i>
16	JOTHI SREE S	<i>S. Jothi Sree</i>	<i>S. Jothi Sree</i>	<i>S. Jothi Sree</i>	<i>S. Jothi Sree</i>	<i>S. Jothi Sree</i>
17	KAFEELA KULSUM H	<i>H. Kafeela</i>	<i>H. Kafeela</i>	<i>H. Kafeela</i>	<i>H. Kafeela</i>	<i>H. Kafeela</i>
18	KANISHKA D	<i>D. Kanishka</i>	<i>D. Kanishka</i>	<i>D. Kanishka</i>	<i>D. Kanishka</i>	<i>D. Kanishka</i>
19	KAVIYA K	<i>K. Kaviya</i>	<i>K. Kaviya</i>	<i>K. Kaviya</i>	<i>K. Kaviya</i>	<i>K. Kaviya</i>
20	KAVIYA R	<i>R. Kaviya</i>	<i>R. Kaviya</i>	<i>R. Kaviya</i>	<i>R. Kaviya</i>	<i>R. Kaviya</i>
21	KEERTHANA R	<i>R. Keerthana</i>	<i>R. Keerthana</i>	<i>R. Keerthana</i>	<i>R. Keerthana</i>	<i>R. Keerthana</i>
22	KESAVANANDHINI R	<i>R. Kesavanandhini</i>	<i>R. Kesavanandhini</i>	<i>R. Kesavanandhini</i>	<i>R. Kesavanandhini</i>	<i>R. Kesavanandhini</i>
23	KOKILA G	<i>G. Kokila</i>	<i>G. Kokila</i>	<i>G. Kokila</i>	<i>G. Kokila</i>	<i>G. Kokila</i>
24	KOTTESHWARI R	<i>R. Kotteshwari</i>	<i>R. Kotteshwari</i>	<i>R. Kotteshwari</i>	<i>R. Kotteshwari</i>	<i>R. Kotteshwari</i>
25	MASEERA FATHIMA U	<i>U. Maseera</i>	<i>U. Maseera</i>	<i>U. Maseera</i>	<i>U. Maseera</i>	<i>U. Maseera</i>

26	MEENA G	Meena.G	Meena.G	Meena.G	Meena.G	Meena.G
27	MEENA R	Meena.R	Meena.R	Meena.R	Meena.R	Meena.R
28	MISBAH KOUNAIN B	Misbah	Misbah	Misbah	Misbah	Misbah
29	MYSHIKA Y	y.Myshika	y.Myshika	y.Myshika	y.Myshika	y.Myshika
30	PARINITA D U	D.V.Parinita	D.V.Parinita	D.V.Parinita	D.V.Parinita	D.V.Parinita
31	PAVITHRA P	Pavithra	Pavithra	Pavithra	Pavithra	Pavithra
32	POOJA M	M.Pooja	M.Pooja	M.Pooja	M.Pooja	M.Pooja
33	POOJA V	V.Pooja	V.Pooja	V.Pooja	V.Pooja	V.Pooja
34	POORNIMA P	P.Poornima	P.Poornima	P.Poornima	P.Poornima	P.Poornima
35	PRIYADHARSHINI M G	Priya.Dharshini	Priya.Dharshini	Priya.Dharshini	Priya.Dharshini	Priya.Dharshini
36	PRIYANKA L	L.Priyanka	L.Priyanka	L.Priyanka	L.Priyanka	L.Priyanka
37	RUBIGA SOUNDER S	Rubiga	Rubiga	Rubiga	Rubiga	Rubiga
38	RUBIKA S	S.Rubika	S.Rubika	S.Rubika	S.Rubika	S.Rubika
39	SABA ANJUM S	S.Saba	S.Saba	S.Saba	S.Saba	S.Saba
40	SAKTHI D	D.Sakthi	D.Sakthi	D.Sakthi	D.Sakthi	D.Sakthi
41	SALMA KOUSSER I	I.Salma Kouser	I.Salma Kouser	I.Salma Kouser	I.Salma Kouser	I.Salma Kouser
42	SAMEERA TABASSUM S	S.Sameera	S.Sameera	S.Sameera	S.Sameera	S.Sameera
43	SAMRA SUMAN S M	M.Samra	M.Samra	M.Samra	M.Samra	M.Samra
44	SANDHIYA A	A.Sandhya	A.Sandhya	A.Sandhya	A.Sandhya	A.Sandhya
45	SARUMATHI M	M.Sarumathi	M.Sarumathi	M.Sarumathi	M.Sarumathi	M.Sarumathi
46	SHEMATHI P	P.Shemathi	P.Shemathi	P.Shemathi	P.Shemathi	P.Shemathi
47	SOWMIYA P	P.Sowmya	P.Sowmya	P.Sowmya	P.Sowmya	P.Sowmya
48	SUJITHA S	S.Sujitha	S.Sujitha	S.Sujitha	S.Sujitha	S.Sujitha
49	SUMANAPRIYA K	K.Sumanapriya	K.Sumanapriya	K.Sumanapriya	K.Sumanapriya	K.Sumanapriya
50	SWETHA R	R.Swetha	R.Swetha	R.Swetha	R.Swetha	R.Swetha
51	TABASSEEN Z	Z.Tabasseen	Z.Tabasseen	Z.Tabasseen	Z.Tabasseen	Z.Tabasseen
52	THARIKA K	K.Tharika	K.Tharika	K.Tharika	K.Tharika	K.Tharika
53	THIRESHMA A	A.Thiresma	A.Thiresma	A.Thiresma	A.Thiresma	A.Thiresma
54	UMMUL HUDA N	N.Ummul Huda	N.Ummul Huda	N.Ummul Huda	N.Ummul Huda	N.Ummul Huda
55	YAMUNA G	G.Yamuna	G.Yamuna	G.Yamuna	G.Yamuna	G.Yamuna
56	YASHIKA P	P.Yashika	P.Yashika	P.Yashika	P.Yashika	P.Yashika

K. M. S. 13/6/2025
Class Incharge

HOD

DEAN School of Life Science

Principal

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Tirupattur District



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VANIYAMBADI

32
Years of
Dedicated
Education

Department: Biotechnology

Academic Year: 2025-2026

Class: I B.Sc Biotechnology

Course Name: AN INTRODUCTION TO BIOTECHNOLOGY

S.No	Name of the Student	Feedback
1	AALIYA KOUSER E R	In this bridge course I learnt the basic knowledge.
2	ANITHA G	I learned more things and activities It is useful.
3	ANUSHIYA G	To be honest, This bridge course was more than I expected, moreover.
4	BAVADHARANI L	The bridge course was nice and interesting at all of us.
5	BRINDHA R	The bridge course was nice and refreshing to all of us.
6	BUSHRA MEHREIN A	I learnt the basic knowledge and refreshing to all of us.
7	DHARANILAKSHMI S	I learned more things and activities it is useful.
8	DHARSHINI M	useful for our Active Brain
9	DHARSHINI S S	The bridge course was nice and refreshing for all of us.
10	DHEETCHANA O	It is useful and interesting for me and I learnt the basic knowledge.
11	EVANCHLIN U	this bridge course was very useful for our studies.
12	FARZEEN NAAZ E R	The bridge course was so interesting.
13	GOPIKA P	I learned more things, It was more than I expected.

14	HARIPRIYA V	The bridge course was really nice and good.
15	HURERA TASNEEM C N	I Gain some interesting facts and knowledge
16	JOTHI SREE S	IN This bridge course I learnt the basic knowledge
17	KAFEELA KULSUM H	I gain some interesting facts and knowledge
18	KANISHKA D	In this bridge course I learnt the basic knowledge about biotechnology
19	KAVIYA K	I learned more things and activities. It is useful
20	KAVIYA R	IN This bridge course I learnt the basic knowledge.
21	KEERTHANA R	It is very useful for me and I come to learn many things
22	KESAVANANDHINI R R	In this bridge course I learnt the basic knowledge about biotechnology
23	KOKILA G	It is very useful to learn and very interesting
24	KOTTESHWARI R	The course was good and understandable like explaining each topic with real life examples.
25	MASEERA FATHIMA U	It is useful and interesting for me and I learnt the basic knowledge
26	MEENA G	It is useful and interesting for me and I learnt the basic knowledge
27	MEENA R	The course was good and understandable like explaining each topic with real life examples.
28	MISBAH KOUNAIN B	It is useful and interesting for me and I learned the basic knowledge
29	MYSHIKA Y	I Gained so much knowledge about this programme
30	PARINITA D U	It is useful and interesting for me. And I learned the basic knowledge

31	PAVITHRA P	I enjoyed bridge course. It was interesting and I learned many things from it.
32	POOJA M	I learnt many new skills, techniques & gained some knowledge.
33	POOJA V	It is interesting and learned very helpful for me
34	POORNIMA P	It is very interesting for me and I learn basic knowledge
35	PRIYADHARSHINI M G	its very interesting and i learn it more.
36	PRIYANKA L	It is interesting and learned very helpful for me
37	RUBIGA SOUNDER S	It was too good & interesting. done more activities & tasks which was conducted by staffs
38	RUBIKA S	The bridge course was very useful about biotechnology course and many skills
39	SABA ANJUM S	The bridge course was nice and refresing to all of us.
40	SAKTHI D	I learned many skill and Enjoyed it too
41	SALMA KOUSER I	It is Very interesting and I learned so much
42	SAMEERA TABASSUM S	Very Interesting and Gain Some Interesting Knowledge.
43	SAMRA SUMAN S M	I learned many things And was very Interesting.
44	SANDHIYA A	It makes me more curious about the. And it was facinating.
45	SARUMATHI M	The course was good and understandable also explaining each topic with real life example
46	SHEMATHI P	The bridge course was nice and refreshing to all of us.
47	SOWMIYA P	The bridge course was really nice and good I learn more things in this course

48	SUJITHA S	I was interesting and learned new things
49	SUMANAPRIYA K	I enjoyed Bridge Course. It was interesting and I learned many things from it.
50	SWETHA R	The Bridge course was so interesting - I have learned more in this
51	TABASSEEN Z	The bridge course was so useful about my general knowledge. It was to understanding.
52	THARIKA K	It was so interesting. It's so helpful for me. and thanks for teaching us.
53	THIRESHMA A A	The bridge course was live and refreshing all of us
54	UMMUL HUDA N	Bridge was a interesting and it was helpful for learning and things between school and college.
55	YAMUNA G	The bridge course was really nice and good. I learn more things in this course
56	YASHIKA P	The bridge course was really nice and good. I learn more things in this course.

K. M. S. 13/6/2025
Class Incharge

13/6/2025
HOD

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