

CIRCULAR

MKJC/Circular/ 2024 – 2025 / ODD Semester/Bridge Course

Date: 10.06.2024

This is to inform that the Bridge course is planned for all the I UG Students from 20.06.2024 to 26.06.2024 for the academic year 2024 - 2025.

The Syllabus comprises of

1. Basics of the Programme.
2. Communicative English.
3. Sports and yoga.

All the Deans, Directors, HOD's and Staff members are instructed to conduct the Bridge course programme and submit the following documents.

1. Syllabus
2. Time table and Staff name list
3. Attendance
4. Feed back
5. Photos (Geotagged and normal day wise)

Documents soft copy and hard copy submitted to the coordinators on or before 01.07.2024 .

Coordinators:

1. Ms.R.Malarkodi, Head, PG & Research Department of Biochemistry
2. Dr.M. Charumathy, Head, PG Department of Chemistry


PRINCIPAL



BRIDGE COURSE 2024-2025

S.NO	Name of The Department	Name of the Course	No. of Students Participated
1	Biochemistry	Basic Biochemistry	38
2	Biotechnology	Biotechnology	75
3	Chemistry	Fundamentals of Basic Chemistry	31
4	Physics	Essential in Physics	14
5	Foods And Nutrition	Basics of Nutrition	27
6	Interior Design and Decor	Fundamentals of Interior Design	07
7	Costume Design and Fashion Technology	Rudiments of Fashion Technology	12
8	Psychology	Fundamental Concept of Psychology	18
9	Mathematics	Fundamentals Mathematics	14
10	Statistics	Fundamentals of Statistics	04
11	English	Communicative English	23
12	Tamil	Tamil Mozhi Theran Payirci	20
13	Computer Science	Basic of Computer Fundamentals and Numerical Methods	102
14	Computer Applications	Fundamentals of Computer	101
15	Commerce CA	Fundamentals of Commerce with Computer	70
16	Commerce and Economics	Basics of Commerce and Economics	74,01
17	Business Administration	Basics of Management	65
18	Department of Artificial Intelligence	Basic of Computer Fundamentals and Statistical Method	51
19	Department Data Science	Fundamentals of Computer	49



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN(AUTONOMOUS)

PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY



BRIDGE COURSE 2024-2025

COURSE NAME: BASIC BIOCHEMISTRY

CLASS: I B.S.C. BIOCHEMISTRY.

COURSE OBJECTIVES:

1. To understanding Biomolecules
2. To understanding metabolic processes
3. To understanding genetic processes
4. To understanding laboratory skills
5. To students understand the physical and chemical properties of molecules

UNIT-I INTRODUCTION TO BIOCHEMISTRY

Introduction, Scope and application of biochemistry, specialized area in biochemistry

UNIT-II BIOMOLECULES AND BASIC METABOLISM

Carbohydrates, Protein, Lipids, Nucleic Acids, Vitamins and Minerals. Metabolism –Anabolism and Catabolism

UNIT-III BASIC INSTRUMENTATION TECHNIQUES

Basic of Instrumentation, Principles, Instrumentation, Application, Colorimetric Analysis, Centrifugation, Electrophoresis.

UNIT-IV JOB OPPORTUNITIES IN BIOCHEMISTRY

Values of Higher Education for job opportunities, Biotechnologist Research Scientist, Clinical Scientist, Research Associates, Biomedical Scientist.

UNIT-V PROCUREMENT IN MKJC

Department Achievements, Vision in Job Opportunities, Placements Guidance ,MOU with various institutions well equipped Lab facilities.

COURSE OUTCOMES

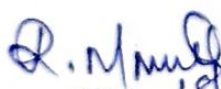
- Students learn how biological molecules are structured and how they function.
- Students learn how metabolic pathways operate.
- Students learn how genetic information is expressed and regulated.
- Students learn how to use laboratory equipment and techniques to design and implement experiments.

TEACHING METHODOLOGY

1. Teaching Learning Methods
2. Power Point

UNIT ALLOCATION:

S.NO	UNIT	STAFF NAME
1.	Introduction To Biochemistry	MS.R.MALARKODI
2.	Biomolecules And Basic Metabolism	MS.M.RENUKA
3.	Basic Instrumentation Techniques	Dr.K.PRABU
4.	Job Opportunities In Biochemistry	MS.S.SASIKALA
5.	Procurement In MKJC	Dr.M.PUNITHAVATHI


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PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE 2024-2025

I B.Sc BIOCHEMISTRY

DAY/ HR	I	II	III	IV	V	VI
I	CE-PL KF	SPORTS	CE-EN DSH	MAJOR RM	MAJOR CAS	CE-EN KA
II	CE-PL KF	MAJOR SSA	MAJOR KPR	CE-EN DSH	SPORTS	MAJOR MPV
III	MAJOR RP	MAJOR MSH	SPORTS	CE-EN DSH	MAJOR MR	CE-PL KF
IV	CE-EN DSH	MAJOR SSA	MAJOR MR	CE-PL KF	SPORTS	MAJOR MPV
V	CE-PL KF	MAJOR MC	SPORTS	MAJOR RP	MAJOR MSH	MAJOR MPV

STAFF NAME LIST

- 1.RM-MS.R.MALARKODI
- 2.CAS-Dr.C.ASOKEN
- 3.MC.Dr.M.CHARUMATHY
- 3.SSA. MS.S.SASIKALA
- 4.KPR. Dr.K.PRABU
- 5.MPV.Dr.M.PUNITHAVATHI
- 6.RP.MS.R.PADMINI
- 7.MR. MS.M.RENUKA

R. Manjula
HOD 18/6/24

M. Manjula
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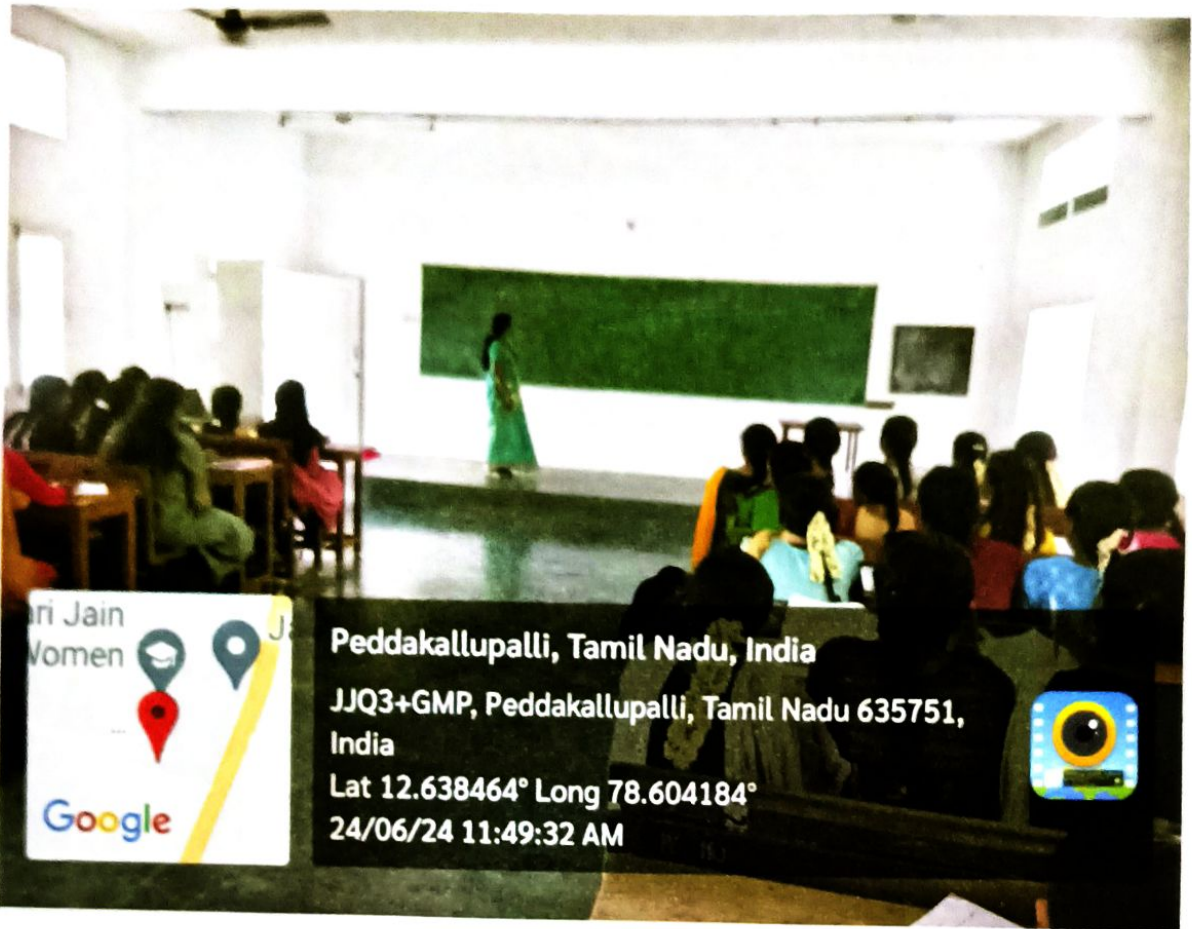


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PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY



BRIDGE COURSE PHOTOS 2024-2025







Peddakallupalli, Tamil Nadu, India

JJQ3+GMP, Peddakallupalli, Tamil Nadu 635751, India

Lat 12.638464° Long 78.604184°

24/06/24 11:49:33 AM



S. Manoj
HOD 28/6/24

M. [Signature]
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PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE 2024-2025



I B.Sc Biochemistry

S.NO	STUDENT NAME	20.06.2024	21.06.2024	24.06.2024	25.06.2024	26.06.2024
1	ABINAYA C	CA	CA	CA	CA	CA
2	ARVITHA S	A.Aritha.S	A.Aritha.S	A.Aritha.S	A.Aritha.S	A.Aritha.S
3	ATCHAYAPRIYA G	A	A	A	A	A
4	DARSHINI PRIYA V	V.P.Darshini	V.P.Darshini	V.P.Darshini	V.P.Darshini	V.P.Darshini
5	DHARSHINI A	A.Darshini	A.Darshini	A.Darshini	A.Darshini	A.Darshini
6	DIVYA S	S.Divya	S.Divya	S.Divya	S.Divya	S.Divya
7	HANNA FATHIMA K	K.Hanna.Fathima	K.Hanna.Fathima	K.Hanna.Fathima	K.Hanna.Fathima	K.Hanna.Fathima
8	HEMALATHA M	M.Hemalatha	M.Hemalatha	M.Hemalatha	M.Hemalatha	M.Hemalatha
9	JANANI S	S.Janani	S.Janani	S.Janani	S.Janani	S.Janani
10	JANANI K	K.Janani	K.Janani	K.Janani	K.Janani	K.Janani
11	JAYASRI K S	S.Jaya.Sri.K	S.Jaya.Sri.K	S.Jaya.Sri.K	S.Jaya.Sri.K	S.Jaya.Sri.K
12	KEERTHANA	A	A	A	A	A
13	KIRUBA V	V.Kiruba	V.Kiruba	V.Kiruba	V.Kiruba	V.Kiruba
14	LAVANYA S	A	A	A	A	A
15	LAVANYA S	S.Lavanya	S.Lavanya	S.Lavanya	S.Lavanya	S.Lavanya
16	MAHALAKSHMI P	P.Mahalakshmi	P.Mahalakshmi	P.Mahalakshmi	P.Mahalakshmi	P.Mahalakshmi
17	MOHANA PRIYA M	M.Mohana.Priya	M.Mohana.Priya	M.Mohana.Priya	M.Mohana.Priya	M.Mohana.Priya
18	MONICA J	J.Monica	J.Monica	J.Monica	J.Monica	J.Monica
19	NAGASAKTHI K	K.Nagasakthi	K.Nagasakthi	K.Nagasakthi	K.Nagasakthi	K.Nagasakthi
20	POOJA G	G.Pooja	G.Pooja	G.Pooja	G.Pooja	G.Pooja
21	POOJA S	S.Pooja	S.Pooja	S.Pooja	S.Pooja	S.Pooja
22	PREETHI P	P.Preethi	P.Preethi	P.Preethi	P.Preethi	P.Preethi
23	PREETHI A	A.Preethi	A.Preethi	A.Preethi	A.Preethi	A.Preethi
24	RAMYA R	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya
25	REENA D	D.Reena	D.Reena	D.Reena	D.Reena	D.Reena
26	RAMYA V	V.Ramya	V.Ramya	V.Ramya	V.Ramya	V.Ramya
27	SANDHIYA C	C.Sandhya	C.Sandhya	C.Sandhya	C.Sandhya	C.Sandhya
28	SANGAVI M	M.Sangavi	M.Sangavi	M.Sangavi	M.Sangavi	M.Sangavi
29	SONIYA R	R.Soniya	R.Soniya	R.Soniya	R.Soniya	R.Soniya
30	STELLA A	A.Stella	A.Stella	A.Stella	A.Stella	A.Stella
31	SUVETHA E	E.Suvetha	E.Suvetha	E.Suvetha	E.Suvetha	E.Suvetha
32	THULASI V	V.Thulasi	V.Thulasi	V.Thulasi	V.Thulasi	V.Thulasi
33	UMME AIMAN B.	B.Umme.Aiman	B.Umme.Aiman	B.Umme.Aiman	B.Umme.Aiman	B.Umme.Aiman
34	VAISHNAVI R	R.Vaishnavi	R.Vaishnavi	R.Vaishnavi	R.Vaishnavi	R.Vaishnavi
35	VEDHIKA	A.Vedhika	A.Vedhika	A.Vedhika	A.Vedhika	A.Vedhika
36	VIJI R	R.Viji	R.Viji	R.Viji	R.Viji	R.Viji
37	VISHRUTHA N	N.Vishrutha	N.Vishrutha	N.Vishrutha	N.Vishrutha	N.Vishrutha
38	YAMINI S	S.Yamini	S.Yamini	S.Yamini	S.Yamini	S.Yamini

P. N. Kumar
HOD 28/6/24

P. N. Kumar
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BRIDGE COURSE 2024-2025
BRIDGE COURSE FEEDBACK



I B.Sc Biochemistry

S.NO	STUDENT NAME	FEEDBACK
1	ABINAYA C	good and very useful to us
2	ARVITHA S	Learn many informations
3	ATCHAYAPRIYA G	Good and very useful to us
4	DARSHINI PRIYA V	It is very sufficient
5	DHARSHINI A	Learning more knowledge
6	DIVYA S	Very usefull and needed to us
7	HANNA FATHIMA K	It was very useful to us we learn the many thing related to subjects
8	HEMALATHA M	It is good and useful
9	JANANI S	we learned many things.
10	JANANI K	Informative Course
11	JAYASRI K S	It is very useful to us
12	KEERTHANA	I Learn many Information.
13	KIRUBA V	We learned many things
14	LAVANYA S	it was very useful and easily understand
15	LAVANYA S	is good and use full
16	MAHALAKSHMI P	Related to all our course
17	MOHANA PRIYA M	Informative
18	MONICA J	Subject related knowledge I was gained in this course.
19	NAGASAKTHI K	Very usefull and needed to us
20	POOJA G	Very useful needed to us
21	POOJA S	I learn many Information.
22	PREETHI P	We learned many things.
23	PREETHI A	It is very useful to us.

24	RAMYA R	Learn more knowledge.
25	REENA D	It is good and useful
26	RAMYA V	It is good and useful
27	SANDHIYA C	Learn many information
28	SANGAVI M	It is very useful to us
29	SONIYA R	Related to all our courses
30	STELLA A	It is very useful to us
31	SUVETHA E	It is very useful to us
32	THULASI V	Good and we learnt the basic things related to subject
33	UMME AIMAN V	very useful for sub-related
34	VAISHNAVI R	It is good and useful
35	VEDHIKA	It is very useful to us.
36	VIJI R	Learn more knowledge.
37	VISHRUTHA N	It is good and useful
38	YAMINI S	We learned many thing.

R. M. Mulla
HOD 28/6/24

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