

J.J. College of Arts and Science (Autonomous)
Department of Biochemistry

Proposed Course Structure based on TANSCH and UGC - LOCF
(Choice Based Credit System)

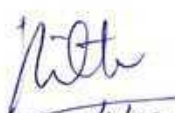
(Applicable for the Candidates admitted from academic year 2023-2024 Onwards)

B.Sc. Biochemistry - Semester I

Sl.No.	Course Category	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
						CIA	ESE	Total
Semester I								
1	Part - I	U1R3TL1/ HL1/FL1	Language - I (Tamil/Hindi/French)	3	6	25	75	100
2	Part - II	U1R3EL1	Language - II (English)	3	6	25	75	100
3	Part - III	U1R3BCCC1	Biomolecules	5	5	25	75	100
4		UIR3BCCC2P	Practical - I Biomolecules	5	4	40	60	100
5		U1R3BCDSE1	Chemistry - I	3	5	25	75	100
6	Part - IV	U1R3BCSEC1 (NME)	To be opted from other Department	2	2	25	75	100
7		U1R3BCFC	Foundation Course	2	2	25	75	100
Total				23	30			700

M.Sc. Biochemistry - Semester I

Sl.No.	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
					CIA	ESE	Total
Semester I							
1	P1R3BCCC1	Basics of Biochemistry	5	6	25	75	100
2	P1R3BCCC2	Biochemical and Molecular Biology Techniques	5	6	25	75	100
3	P1R3BCCC3P	Practical - I Basics of Biochemistry and Biochemical and Molecular Biology Techniques	4	6	40	60	100
4	P1R3BCDSE1	Microbiology and Immunology	3	6	25	75	100
5	P1R3BCDSE2	Soft Skill - I	3	6	25	75	100
Total			20	30			500


 30/6/23
Dr. S. Kanitha, M.Sc., M.Phil., Ph.D., SET,
 Assistant Professor and Head,
 Department of Biochemistry,
 J.J. College of Arts and Science (Autonomous),
 Pudukkottai, Tamilnadu.

J.J. College of Arts and Science (Autonomous)**Department of Biochemistry****Proposed Course Structure based on TANSCH and UGC - LOCF****(Choice Based Credit System)****(Applicable for the Candidates admitted from academic year 2023-2024 Onwards)****B.Sc. Biochemistry - Semester II**

Sl. No.	Course Category	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
						CIA	ESE	Total
Semester II								
1	Part - I	U2R3TL2/ HL2/FL2	Language - I (Tamil/Hindi/French)	3	6	25	75	100
2	Part - II	U2R3EL2	Language - II (English)	3	6	25	75	100
3	Part - III	U2R3BCCC3	Cell Biology	5	5	25	75	100
4		U2R3BCCC4P	Practical II - (Covering CC3)	5	5	40	60	100
5		U2R3BCDSE2	Chemistry- II	3	4	25	75	100
6	Part - IV	U2R3BCSEC2 (NME2)	To be opted from other Department	2	2	25	75	100
7		U2R3BCSEC 3:1 / 3:2	Biomedical Instrumentation / First Aid	2	2	25	75	100
Total				23	30			700

M.Sc. Biochemistry - Semester II

Sl. No.	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
					CIA	ESE	Total
Semester II							
1	P2R3BCCC4	Enzymology	5	6	25	75	100
2	P2R3BCCC5	Cellular Metabolism	5	6	25	75	100
3	P2R3BCCC6P	Practical II - (Covering CC4, CC5)	4	6	40	60	100
4	P2R3BCDSE3	Biostatistics and Data Science	3	4	25	75	100
5	P2R3BCDSE4	Biosafety, Lab safety and IPR	3	4	25	75	100
6	P2R3BCSEC1	Bioinformatics	2	4	25	75	100
Total			22	30			600

Principal**CDC - Director****IQAC Co-ordinator****Head of the Department****Dr. J. PARASURAMAN, M.A., M.B.A., M.Phil., B.Ed., Ph.D.****Dr. S. J. SATHISH AARON JOSEPH****Dr. P. Jeevan****Dr. S. Kanitha, M.Sc., M.Phil., Ph.D., SET,****Assistant Professor and Head,****Department of Biochemistry,****J.J. College of Arts and Science (Autonomous),****Pudukkottai, Tamilnadu.****J.J. College of Arts and Science (Autonomous)****J.J. College of Arts and Science (Autonomous)****J.J. College of Arts and Science (Autonomous)****J.J. College of Arts and Science (Autonomous)****J.J. Nagar, Sivapuram Post,****Sivapuram Post, Pudukkottai - 622 422.****Sivapuram Post, Pudukkottai - 622 422.****Sivapuram Post, Pudukkottai - 622 422.****PUDUKKOTTAI - 622 422.****PUDUKKOTTAI - 622 422.****PUDUKKOTTAI - 622 422.****PUDUKKOTTAI - 622 422.**