

J.J. College of Arts and Science (Autonomous)**Department of Information Technology****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. Information Technology - 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	U1R3ITCC1	Programming in C	5	5	25	75	100
4		U1R3ITCC2P	Practical - I Programming in C	5	5	40	60	100
5		U1R3ITDSE 1:1/ 1:2	Anyone from the List	3	4	25	75	100
6	Part - IV	U1R3ITSEC1 (NME)	To be opted from other Department	2	2	25	75	100
7		U1R3ITFC	Fundamentals of Computers	2	2	25	75	100
Total				23	30			700

M.Sc. Information Technology - Semester I

Sl.No.	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
					CIA	ESE	Total
Semester I							
1	P1R3ITCC1	Python Programming	5	7	25	75	100
2	P1R3ITCC2	Python Programming Practical	5	7	40	60	100
3	P1R3ITCC3P	Web Development using Word Press - Practical	4	6	40	60	100
4	P1R3ITDSE 1:1 / 1:2	Anyone from the List	3	5	25	75	100
5	P1R3ITDSE 2:1 / 2:2	Anyone from the List	3	5	25	75	100
Total			20	30			500


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Sl.No.	Course Category	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
						CIA	ESE	Total
Semester II								
1	Part - I	U2R3TL2	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	U2R3ITCC3	JAVA Programming	5	5	25	75	100
4		U2R3ITCC4P	Practical II - JAVA Programming and Data Structures Practical	5	5	40	60	100
5		U2R3ITDSE 2:1/ 2:2	Digital Logic Fundamentals / Discrete Structures	3	4	25	75	100
6	Part - IV	U2R3ITSEC2 (NME2)	To be opted from other Department	2	2	25	75	100
7		U2R3ITSEC3	Quantitative Aptitude	2	2	25	75	100
Total				23	30			700

M.Sc. Information Technology - Semester II

Sl.No.	Course Code	Course	Overall Credits	Total Contact Hours/Week	Marks		
					CIA	ESE	Total
Semester II							
1	P2R3ITCC4	Database Systems	5	6	25	75	100
2	P2R3ITCC5P	Practical III - RDBMS Lab	5	6	40	60	100
3	P2R3ITCC6P	Practical IV - Open Source Technologies - Practical	4	6	40	60	100
4	P2R3ITDSE3:1/ P2R3ITDSE3:2	Digital Image Processing/ Biometric Techniques	3	4	25	75	100
5	P2R3ITDSE4:1/ P2R3ITDSE4:2	Operating Systems / Human Computer Interaction	3	4	25	75	100
6	P2R3ITSEC1	Web Design	2	4	25	75	100
Total			22	30			600

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