

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

Proposed Course Structure based on TANSCH and UGC - LOCF

(Choice Based Credit System)

(Applicable for the Candidates admitted from the academic year 2026 - 2027 Onwards)

B.C.A.

Sl. No.	Course Category	Course Code	Course	Credits	Hours/ Week	Marks		
						CIA	ESE	Total
Semester I								
1	Part – I	U1R4TL1/ HL1/FL1	Tamil / Hindi / French	3	6	30	70	100
2	Part - II	U1R4EL1	English	3	6	30	70	100
3	Part - III	U1R4CACC1	Programming in C	5	5	30	70	100
4		U1R4CACC2P	Programming in C Practical	5	5	40	60	100
5		U1R4CAAC1	Accounting Package – Tally	3	3	30	70	100
6		U1R4CAAC2P	Accounting Package Practical using Tally	3	3	40	60	100
7	Part - IV	U1R4_GEC1	To be opted from other Department	2	2	30	70	100
Total				24	30	-	-	700
Semester II								
1	Part - I	U2R4TL2/ HL2/FL2	Tamil / Hindi / French	3	6	30	70	100
2	Part – II	U2R4EL2	English	3	6	30	70	100
3	Part – III	U2R4CACC3	Programming in Java	5	5	30	70	100
4		U2R4CACC4P	Programming in Java Practical	5	5	40	60	100
5		U2R4CAAC3	Organizational Behaviour	3	3	30	70	100
6		U2R4CAAC4	Operations Research	3	3	30	70	100
7	Part – IV	U2R4_GEC2	To be opted from other Department	2	2	30	70	100
Total				24	30	-	-	700
Semester III								
1	Part – I	U3R4TL3/HL3 /FL3	Tamil / Hindi / French	3	5	30	70	100
2	Part – II	U3R4EL3	English	3	5	30	70	100
3	Part – III	U3R4CACC5	Programming in Python	5	5	30	70	100
4		U3R4CACC6P	Programming in Python Practical	5	5	40	60	100
5		U3R4CAAC5	Numerical Methods	3	4	30	70	100
6	Part – IV	U3R4CASEC1:1 / 1:2	1.1. Introduction to HTML 1.2. Data Structures and Algorithms	2	2	30	70	100
7		U3R4VE	Value Education	2	2	30	70	100
8	Part – V	U3R4HW	Health and Wellness	1	2	-	-	100
Total				24	30	-	-	800

Semester IV								
1	Part - I	U4R4TL4/HL4 /FL4	Tamil / Hindi / French	3	5	30	70	100
2	Part - II	U4R4EL4	English	3	5	30	70	100
3	Part - III	U4R4CACC7	Relational Database Management System	5	6	30	70	100
4		U4R4CACC8P	RDBMS Practical	5	5	40	60	100
5		U4R4CAAC6	Discrete Mathematics	3	5	30	70	100
6	Part - IV	U4R4CASEC2:1 / 2:2	2.1. Fundamentals of Javascript and XML 2.2. E-Commerce Technologies	2	2	30	70	100
7		U4R4SLC1:1 / 1:2	1.1. Online Courses (SWAYAM / SWAYAM PLUS) / 1.2. Department Specific Course based on the above	2	-	-	-	100
8		U4R4ES	Environmental Studies	2	2	30	70	100
Total				25	30	-	-	800
Semester V								
1	Part - III	U5R4CACC9	Operating Systems	5	5	30	70	100
2		U5R4CACC10	Computer Networks	4	5	30	70	100
3		U5R4CACC11	Programming in PHP	4	5	30	70	100
4		U5R4CACC12P	Programming in PHP Practical	4	5	40	60	100
5		U5R4CADSE1:1 / 1:2	1.1. Multimedia Systems 1.2. Software Engineering	3	5	30	70	100
6	Part - IV	U5R4CAINT	Internship	2	-	-	-	100
7		U5R4CASEC3:1 / 3:2	3.1. Web Design 3.2. Data Mining and Warehousing	2	3	30	70	100
8		U5R4SLC2:1	Web Hosting and Maintenance	2	-	50	50	100
9		U5R4IDM	Introduction to Disaster Management	2	2	30	70	100
Total				28	30	-	-	900
Semester VI								
1	Part - III	U6R4CACC13	.net Programming	4	5	30	70	100
2		U6R4CACC14P	.net Programming Practical	4	5	40	60	100
3		U6R4CACC15PW	Project Work	4	6	-	-	100
4		U6R4CADSE2:1 / 2:2	2.1. Mobile Computing 2.2. Software Testing	3	5	30	70	100
5		U6R4CADSE3:1 / 3:2	3.1. Artificial Intelligence 3.2. Software Project Management	3	5	30	70	100
6	Part - IV	U6R4CAVAC	VAC - Office Automation	2	2	-	-	100
7		U6R4GS	Gender Studies	2	2	30	70	100
	Part – V	Extension Activity	Extension Activity	1	-	-	-	-
Total				23	30	-	-	700
Grand Total				148				4600

* Internship should be done during the Summer Vacation of Semester – IV

*The Internship Credits shall be awarded in the Mark Statement of Semester - V