

## B.Sc. COMPUTER SCIENCE

S.NO	COURSE CONTENT	
<b>I SEMESTER</b>		
1	PART I	Tamil/ Other languages – I
2	PART II	English - I
3	PART III	BCE-CSC01 - Problem Solving using Python
4		BCE-CSC02 - Core Practical-I - Problem Solving using Python Lab
5		Allied I: Mathematics-I
6	PART IV	Basic Tamil/Advanced Tamil/NME I*
7		Soft Skill I

	II SEMESTER	
1	PART I	Tamil/ Other languages – II
2	PART II	English – II
3	PART III	BCE-CSC03 - Computer Organization
4		BCE-DSC04 - Core Practical-II - Computer Organization Lab
5		Allied II: Mathematics II
6	PART IV	Basic Tamil/Advanced Tamil/N M E II*
7		Soft Skill II

	III SEMESTER	
1	PART I	Tamil/ Other languages – III
2	PART II	English - III
3	PART III	BCE-CSC05 - Java and Data Structures
4		BCE-CSC06 - Core Practical-III - Data Structures using Java Lab@
5		Allied III: Physics I / Statistics I
6	PART IV	Soft Skill III
7		Environmental Studies

IV SEMESTER		
1	PART I	Tamil/ Other languages – IV
2	PART II	English - IV
3	PART III	BCE-CSC07 - Web Technology@
4		BCE-CSC08 - Core Practical-IV - Web Technology Lab@
5		Allied IV: Physics II / Statistics II@
6	PART IV	Soft Skill IV
7		Environmental Studies

V SEMESTER		
1	PART III	BCE-CSC09 - Computer Network@
2		BCE-CSC10 - Operating System@
3		BCE-CSC11 - Relational Database Management System@
4		BCE-CSC12 - Core Practical-V - Operating System Lab@
5		BCE-CSC13 - Core Practical-VI - PL/SQL Lab@
6		<b>Elective I-Choose any one from the list</b>
		BCE-DSE1A Artificial Intelligence and Expert System
	BCE-DSE1B Graphics and Visualization	
		BCE-DSE1C Network Security
7	PART IV	Value Education

VI SEMESTER		
1	PART III	BCE-CSC14 - Software Engineering@
2		BCE-CSC15 - Introduction to Data Science@
3		BCE-DSC16 - Introduction to Cloud Computing
4		BCE-DSC17 - Core Practical-VII - CASE Tools and Testing tools Lab
5		<b>Elective II- Choose any one from the list</b>
		BCE-DSE2A Mobile Computing
		BCE-CSE2B IOT and its Applications@
		BCE-DSE2C Block Chain Technology
6		BCE-CSC18 - Core Practical-VIII - Mini Project@
7	PART V	Extension Activities