

## B.Sc. (Computer Science)

Course Component	Name of the Course	Hours/Week	Credits	CIA	University Examination	TOTAL
<b>YEAR : 1</b>			<b>SEMESTER : 1</b>			
<b>PART - I</b>	Language Paper I	4 Hrs	3	25	75	100
<b>PART - II</b>	English Paper I	4 Hrs	3	25	75	100
<b>PART - III</b>	Problem Solving using Python	6 Hrs	4	25	75	100
	Core Practical-I - Problem Solving using Python Lab	6 Hrs	3	25	75	100
	Allied I: Mathematics-I	6 Hrs	5	25	75	100
<b>PART - IV</b>	Basic Tamil/Advanced Tamil/NME I	2 Hrs	2	25	75	100
	Soft Skill - 1	2 Hrs	3	50	50	100
<b>YEAR : 1</b>			<b>SEMESTER : 2</b>			
<b>PART - I</b>	Language Paper II	4 Hrs	3	25	75	100
<b>PART - II</b>	English Paper II	4 Hrs	3	25	75	100
<b>PART - III</b>	Computer Organization	6 Hrs	4	25	75	100
	Core Practical-II - Computer Organization Lab	6 Hrs	3	25	75	100
	Allied II: Mathematics II	6 Hrs	5	25	75	100
<b>PART - IV</b>	Basic Tamil/Adv.Tamil/NME II	2 Hrs	2	25	75	100
	Soft Skill - 2	2 Hrs	3	50	50	100
<b>YEAR : 2</b>			<b>SEMESTER : 3</b>			
<b>PART - I</b>	Language Paper III	4 Hrs	3	25	75	100
<b>PART - II</b>	English Paper III	4 Hrs	3	25	75	100
<b>PART - III</b>	CSC05 - Java and Data Structures	6 Hrs	4	25	75	100
	CSC06 - Core Practical-III - Data Structures using Java Lab	6 Hrs	3	25	75	100
	Allied III: Physics I / Statistics I	6 Hrs	5	25	75	100
<b>PART - IV</b>	Environmental Studies	2 Hrs	<b>Exam will be held in Fourth Sem.</b>			
	Soft Skill - 1	2 Hrs	3	50	50	100
<b>YEAR : 2</b>			<b>SEMESTER : 4</b>			
<b>PART - I</b>	Language Paper IV	4 Hrs	3	25	75	100
<b>PART - II</b>	English Paper IV	4 Hrs	3	25	75	100
<b>PART - III</b>	Web Technology	6 Hrs	4	25	75	100
	Core Practical-IV - Web Technology Lab	6 Hrs	3	25	75	100
	Allied IV: Physics II / Statistics II	6 Hrs	5	25	75	100
<b>PART - IV</b>	<b>Environmental Studies</b>	2 Hrs	2	25	75	100
	<b>Soft Skill - 2</b>	2 Hrs	3	50	50	100
<b>YEAR : 3</b>			<b>SEMESTER : 5</b>			
<b>PART - III</b>	Computer Network	5 Hrs	4	25	75	100
	Operating System	5 Hrs	5	25	75	100

	Relational Database Management System	<b>5 Hrs</b>	<b>4</b>	<b>25</b>	<b>75</b>	<b>100</b>
	Core Practical-V - Operating System Lab	<b>4 Hrs</b>	<b>3</b>	<b>40</b>	<b>60</b>	<b>100</b>
	Core Practical-VI - PL/SQL Lab	<b>4 Hrs</b>	<b>3</b>	<b>40</b>	<b>60</b>	<b>100</b>
	Elective I-Choose any one	<b>5 Hrs</b>	<b>5</b>	<b>25</b>	<b>75</b>	<b>100</b>
<b>PART - V</b>	<b>Value Eduction</b>	<b>2 Hrs</b>	<b>2</b>	<b>25</b>	<b>75</b>	<b>100</b>
<b>YEAR : 3</b>			<b>SEMESTER : 6</b>			
<b>PART - III</b>	Software Engineering	<b>4 Hrs</b>	<b>4</b>	<b>25</b>	<b>75</b>	<b>100</b>
	Introduction to Data Science	<b>5 Hrs</b>	<b>5</b>	<b>25</b>	<b>75</b>	<b>100</b>
	Introduction to Cloud Computing	<b>5 Hrs</b>	<b>4</b>	<b>25</b>	<b>75</b>	<b>100</b>
	Core Practical-VII - CASE Tools & Testing tools Lab	<b>4 Hrs</b>	<b>3</b>	<b>40</b>	<b>60</b>	<b>100</b>
	Core Practical-VIII - Mini Project	<b>5 Hrs</b>	<b>5</b>	<b>40</b>	<b>60</b>	<b>100</b>
	Elective II - Choose any one	<b>5 Hrs</b>	<b>5</b>	<b>25</b>	<b>75</b>	<b>100</b>
<b>PART - V</b>	<b>Extension Activities</b>		<b>1</b>			

**Note: Internship and Project during the II and III Year is encouraged.**