



## School of Computational Intelligence

### Department of Computing & Information Systems

#### Bachelor of Science

#### I Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.		Language (Tamil/French/Hindi/Sanskrit)-I	3	0	0	3	3
2.		English-I	2	0	0	2	2
3.		Mathematics	3	0	0	3	3
4.		Computer Organization & Architecture	3	2	0	5	5
5.		Fundamentals of Programing	4	0	2	6	5
6.		Environmental Studies	2	0	0	2	2
		<b>TOTAL</b>	<b>17</b>	<b>2</b>	<b>2</b>	<b>21</b>	<b>20</b>

#### II Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.		Language (Tamil/French/Hindi/Sanskrit)-II	3	0	0	3	3
2.		English-II	2	0	0	2	2
3.		Web Programming Lab	3	0	0	3	3
4.		Operating Systems	3	1	0	4	4
5.		Microprocessor	3	1	2	6	5
6.		Ethics and Self Awareness	2	0	0	2	2
		<b>TOTAL</b>	<b>16</b>	<b>2</b>	<b>2</b>	<b>20</b>	<b>19</b>

### III Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.		Language (Tamil/French/Hindi/Sanskrit)-III	3	0	0	3	3
2.		English-III	2	0	0	2	2
3.		Relational Database Management Systems	4	0	4	8	6
4.		Data Structures	4	0	0	4	4
5.		Paper-I (Skill Enhancement Course)	0	0	4	4	2
		<b>TOTAL</b>	<b>13</b>	<b>0</b>	<b>8</b>	<b>21</b>	<b>17</b>

### IV Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.		Language (Tamil/French/Hindi/Sanskrit)-IV	3	0	0	3	3
2.		English-IV(Professional English)	2	0	0	2	2
3.		Java Programming	3	0	6	9	6
4.		IoT/Cloud Computing/Ruby on Rails	3	0	4	7	5
5.		Paper-II(Skill Enhancement Course)	0	0	4	4	2
		<b>TOTAL</b>	<b>11</b>	<b>0</b>	<b>14</b>	<b>25</b>	<b>19</b>

### V Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.		PHP and MYSQL	3	0	4	7	5
2.		Web Programming with ASP.Net	3	0	4	7	5
3.		Software Engineering	3	2	0	5	5
4.		Cyber Security /Data Communication and Networks /Introduction to Big Data /Artificial Intelligence	3	2	0	5	5
5.		Paper-III(Skill Enhancement Course)	0	0	4	4	2
<b>TOTAL</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>22</b>

### VI Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.		Software Architecture	3	2	0	5	5
2.		Mobile App Development Lab	0	0	10	10	5
3.		Project	0	0	6	6	6
4.		Advanced Java programming /Data Science using Python	3	2	4	9	7
5.		Internship	-	-	-		5
<b>TOTAL</b>			<b>6</b>	<b>4</b>	<b>20</b>	<b>30</b>	<b>28</b>

**TOTAL NO. OF CREDITS = 125**

	Skill Enhancement Subjects
<b>PE(SEC-I)</b>	Office Automation Tools
<b>PE(SEC-II)</b>	Designing and Publishing in Computer Using Page maker, Photoshop and Coreldraw
	HTML Programming
<b>PE(SEC-III)</b>	Programming in Visual Basic/GAMBAS
	Programming in SCILAB