

**B. Tech Information Technology**  
**Semester – III**

Sr. No.	Course Type	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Theory	Lab	Theory	Lab	
1	PC	2315201	Discrete Mathematics and Logic	3	--	--	3	50	--	50	--	100
2	PC	2315202	Object Oriented Programming	3	--	--	3	50	--	50	--	100
3	PC	2315203	Data Structures	2	--	--	2	25	--	50	--	75
4	PC	2315204	Object Oriented Programming Lab	--	--	2	1	--	--	--	25 <sup>a</sup>	25
5	PC	2315205	Data Structure Lab	--	--	2	1	--	--	--	50 <sup>b</sup>	50
6	OE	2315206	Open Elective-I	3	--	--	3	50	--	50	--	100
7	IC (HSSM)	2300201	Principles of Managements	2	--	--	2	25	--	50	--	75
8	IC (VEC)	2300202	Industrial Psychology	2	--	--	2	25	--	50	--	75
9	IC (MD)	2300203	Multidisciplinary –Design Thinking	1	--	2	2	25	25	--	25 <sup>a</sup>	75
10	IC (CEP)	2300204	Community Engagement Project	--	--	4	2	--	25	--	25 <sup>a</sup>	50
11	SDC	2315701	PC Repairing Course	--	--	2	--	--	--	--	--	--
12	EEC	2315801	Software Testing Certification Course	--	--	--	--	--	--	--	--	--
<b>TOTAL</b>				<b>16</b>	<b>00</b>	<b>12</b>	<b>21</b>	<b>225</b>	<b>75</b>	<b>300</b>	<b>125</b>	<b>725</b>
<b>Open Elective I</b>												
7	OE	2315206A	E-commerce Application Design	3	--	--	3	50	--	50	--	100
7	OE	2315206B	Computer Graphics & Animation	3	--	--	3	50	--	50	--	100
<b>Value Added Course</b>												
13	VAC	VAC151	Advanced Python Programming	-	--	2	1	--	25	--	--	25

**B. Tech Information Technology**  
**Semester – IV**

Sr. No.	Course Type	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
				L	T	P	C	Formative Assessment CIA		Summative Assessment ESE		
								Theory	Lab	Theory	Lab	
1	PC	2315207	Software Engineering and Project Management	3	--	--	3	50	--	50	--	100
2	PC	2315208	Advanced Database Management	3	--	--	3	50	--	50	--	100
3	PC	2315209	Microprocessor & Interfacing	2	--	--	2	25	--	50	--	75
4	PC (MD)	2315210	Wireless Sensor Network	2	--	--	2	25	--	50	--	75
5	PC	2315211	Software Engineering and Project management Lab	--	--	2	1	--	--	--	25 <sup>a</sup>	25
6	PC	2315212	Advanced Database Management Lab	--	--	2	1	--	--	--	25 <sup>b</sup>	25
7	OE	2315213	Open Elective-II	2			2	25	--	50	--	75
8	IE (VEC)	2300205	First Level Course in Foreign Language	2	--	--	2	25	--	50	--	75
9	IC (HSSM)	2300206	Industrial Economics	2	--	--	2	25	--	50	--	75
10	SDC (VSEC)	2315702	Motherboard Repairing Course	--	--	2	1	--	25	--	--	25
11	EEC	2315802	System Analyst Certification Course	--	---	--	--	---	--	--	--	--
12	IC (AEC)	2300207	Industrial Work Study	2	--	--	2	25	--	50	--	75
<b>TOTAL</b>				<b>17</b>	<b>00</b>	<b>08</b>	<b>21</b>	<b>250</b>	<b>25</b>	<b>400</b>	<b>50</b>	<b>725</b>
<b>First Level Course in Foreign Language (Any One)</b>												
8	IE (VEC)	2300205A	German Language	2	--	--	2	25	--	50	--	75
8	IE (VEC)	2300205B	French Language	2	--	--	2	25	--	50	--	75
<b>Open Elective II</b>												
7	OE	2315213A	Web Design using HTML & CSS	2	--	--	2	25	--	50	--	75
7	OE	2315213B	Intellectual Property Rights & Laws	2	--	--	2	25	--	50	--	75
<b>Value Added Course</b>												
13	VAC (VSEC)	VAC152	Block Chain & Crypto System	--	--	2	1	--	25	--	--	25
<b>Course Work (for Exit Criterion to UG Diploma)</b>												
<b>Minor Project</b>				--	--	--	2	--	50	--	--	50
<b>Internship (2 Weeks)</b>				--	--	--	2	--	50	--	--	50