Semester – IV

Sr. No.	Course Type	Course Code	Course Name	Teaching Scheme (Hrs./Week)				Examination Scheme				Total Marks
								Formative Assessment CIA		Summative Assessment ESE		
				L	T	P	C	Theory	Lab	Theory	Lab	
1	PC	2310207	Object Oriented Programming using Java	3	--	--	3	50	--	50	--	100
2	PC	2310208	Database Management System	3	--	--	3	50	--	50	--	100
3	PC	2310209	Microprocessor	2	--	--	2	25	--	50	--	75
4	PC (MD)	2310210	Advanced Data Structures& Algorithms	2	--	--	2	25	--	50	--	75
5	PC	2310211	Object Oriented Programming using Java Lab	--	--	2	1	--	--	--	25[b]	25
6	PC	2310212	Database Management System Lab	--	--	2	1	--	--	--	25[b]	25
7	OE	2310213	Open Elective-II	2			2	25	--	50	--	75
8	IE (VEC)	2300205	First Level Course inForeign Language	2	--	--	2	25	--	50	--	75
9	IC (HSSM)	2300206	Industrial Economics	2	--	--	2	25	--	50	--	75
10	SDC (VSEC)	2310702	Motherboard Repairing Course	--	--	2	1	--	25	--	--	25
11	EEC	2310802	Advanced Web Designing	--	---	--	--	---	--	--	--	--
12	IC (AEC)	2300207	Industrial Work Study	2	--	--	2	25	--	50	--	75
	TOTAL			**18**	**00**	**06**	**21**	**250**	**25**	**400**	**50**	**725**
First Level Course in Foreign Language (Any One)												
8	IE (VEC)	2300205A	German Language	2	--	--	2	25	--	50	--	75
8	IE (VEC)	2300205B	French Language	2	--	--	2	25	--	50	--	75
Open Elective II												
7	OE	2310213A	Introduction to Open Source Environment	2	--	--	2	25	--	50	--	75
7	OE	2310213B	ERP Systems	2	--	--	2	25	--	50	--	75
7	OE	2310213D	Cyber Forensics	2	--	--	2	25	--	50	--	75
Value Added Course												
13	VAC (VSEC)	VAC102	Advanced Data Structure	--	--	2	1	--	25	--	--	25
Course Work (for Exit Criterion to UG Diploma)												
Minor Project				--	--	--	2	--	50	--	--	50
Internship (2 Weeks)				--	--	--	2	--	50	--	--	50