COMPUTER SCIENCE AND ENGINEERING

Group	Sub-Code	Name Of Subject	L	T	P	Total credits	Total Hours	Total Marks
III B.Tech(CSE)			Credits					I Semester
PC	GR15A3050	Unix and Shell Programming	3	1		4	5	100
PC	GR15A2055	Microcontrollers	3	1		4	5	100
PC	GR15A2077	Computer Networks	3	1		4	5	100
Open Elective 1			2	1		3	4	100
Professional Elective1			3	1		4	5	100
PE	GR15A3051	Compiler Design						
PE	GR15A3053	Principles of Programming Languages						
PE	GR15A3107	Introduction to Data Sciences						
PC	GR15A3055	Unix Programming and Compiler Design Lab			2	2	4	75
PC	GR15A2059	Microcontrollers Lab			2	2	4	75
PC	GR15A3054	Advanced Java Programming Lab			2	2	4	75
Total			14	5	6	25	36	725

Group	Sub-Code	Name Of Subject	L	T	P	Total credits	Total Hours	Total Marks
III B.Tech(CSE)			Credits					II Semester
PC	GR15A3056	Design and Analysis of Algorithms	3	1		4	5	100
PC	GR15A3057	Software Engineering	3	1		4	5	100
PC	GR15A3059	Web Technologies	3	1		4	5	100
Open Elective 2			2	1		3	4	100
Professional Elective2			3	1		4	5	100
PE	GR15A3062	Multicore Computing and Architecture						
PE	GR15A3061	Artificial Intelligence and Neural Networks						
PE	GR15A3058	Information Security						
PC	GR15A3063	Web Technologies Lab			2	2	4	75
PC	GR15A3100	Advanced English Communication Skills Lab			2	2	4	75
PC	GR15A3101	Industry Oriented Mini Project			2	2	4	75
Total			14	5	6	25	36	725

Open Elective 1		Course Title	Department Offering
OE - I	GR15A3151	Water Resources Engineering	CE
	GR15A3152	Solar & Wind Energy Systems	EEE
	GR15A3153	Applied Thermodynamics	ME
	GR15A3154	Principles of E- Commerce	CSE
	GR15A3155	Datamining and Applications	IT
	GR15A3156	Computer Architecture and Organization	ECE
Open Elective 2		Course Title	Department Offering
OE - II	GR15A3161	Transportation Engineering	CE
	GR15A3162	Sensors & Transducers	EEE
	GR15A3163	Automobile Engineering	ME
	GR15A3164	Human Computer Interaction	CSE
	GR15A3165	Essentials of Big Data Analytics	IT
	GR15A3166	Principles of Operating Systems	ECE