13. Courses of Study and Scheme of Assessment

ME COMPUTER SCIENCE AND ENGINEERING

(2021 REGULATIONS)

(Minimum No. of credits to be earned: 71*)

Course Code	Course Title	Hours / Week			Credits	Maximum Marks			CAT
		Lecture	Tutorial	Practical		CA	FE	Total	
III SEMESTER									
21ZC__	Professional Elective – IV	3	0	0	3	50	50	100	PE
21____	Open Elective	3	0	0	3	50	50	100	OE
21ZC71	Project Work - I	0	0	12	6	50	50	100	EEC
Total 18hrs		**6**	**0**	**12**	**12**	**150**	**150**	**300**	
IV SEMESTER									
21ZC81	Project Work - II	0	0	24	12	50	50	100	EEC
Total 24hrs		**0**	**0**	**24**	**12**	**50**	**50**	**100**	
PROFESSIONAL ELECTIVE THEORY COURSES (Four to be opted)									
21ZC21	Randomized and Approximation Algorithms	3	0	0	3	50	50	100	PE
21ZC22	Agile Software Development	3	0	0	3	50	50	100	PE
21ZC23	Blockchain and Distributed Ledger Technology	3	0	0	3	50	50	100	PE
21ZC24	Brain Computer Interface	3	0	0	3	50	50	100	PE
21ZC25	Cloud Computing	3	0	0	3	50	50	100	PE
21ZC26	Computer Vision	3	0	0	3	50	50	100	PE
21ZC27	Cryptography and Network Security	3	0	0	3	50	50	100	PE
21ZC28	Deep Learning	3	0	0	3	50	50	100	PE
21ZC29	Evolutionary Computing Techniques	3	0	0	3	50	50	100	PE
21ZC30	GPU Computing	3	0	0	3	50	50	100	PE
21ZC31	Information Retrieval	3	0	0	3	50	50	100	PE
21ZC32	Internet of Things	3	0	0	3	50	50	100	PE
21ZC33	Natural Language Processing	3	0	0	3	50	50	100	PE
21ZC34	Machine Learning	3	0	0	3	50	50	100	PE
21ZC35	Real Time Systems	3	0	0	3	50	50	100	PE
21ZC36	Software Defined Networks	3	0	0	3	50	50	100	PE
21ZC37	Quantum Computing	3	0	0	3	50	50	100	PE
OPEN ELECTIVE THEORY COURSES (One to be opted)									
21ZC91	Game Theory	3	0	0	3	50	50	100	OE
21ZC92	Optimization Techniques	3	0	0	3	50	50	100	OE

***** Indicated is the minimum number of credits to be earned by a student.
CAT – Category; PC – Professional Core; PE - Professional Elective; RMC - Research Methodology and IPR; EEC – Employability Enhancement Course; MC - Mandatory Course; Grade – Completed / Not completed; OE – Open Elective.