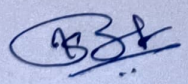



**Autonomous Program Structure of
Third Year B. Tech. Fifth Semester
(Information Technology)
Academic Year: 2023-2024 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Total Marks	Credit
		Lecture	Tutorial	Practical	In Sem	End Sem	Oral	Practical		
20IT 501	Theory of Computation	3	1	0	50	50	0	0	100	4
20IT 502	Design and Analysis of Algorithms	3	1	0	50	50	0	0	100	4
20IT 503	Machine Learning	3	1	0	50	50	0	0	100	4
20PEIT 501	Programme Elective-I	3	0	0	50	50	0	0	100	3
20PEIT 502	Programme Elective-II*	3	0	0	50	50	0	0	100	3
20OEHS 501	Open HS Elective –I	3	0	0	50	50	0	0	100	3
20IT 502L	Design and Analysis of Algorithms Lab	0	0	2	25	0	0	25	50	1
20IT 503L	Machine Learning Lab	0	0	2	25	0	25	0	50	1
20PEIT 501L	Programme Elective Lab- I	0	0	2	25	0	25	0	50	1
	Total	18	3	6	375	300	50	25	750	24
	Grand Total	27			750					

***NPTEL / Swayam Course**

Programme Elective – I 20PEIT 501 A Artificial Intelligence 20PEIT 501 B Business Intelligence 20PEIT 501 C Computer Graphics and Animation	Programme Elective – I Lab 20PEIT 501L A Artificial Intelligence 20PEIT 501L B Business Intelligence 20PEIT 501L C Computer Graphics and Animation
Programme Elective – II 20PEIT 502 A Blockchain Architecture Design and Use Cases 20PEIT 502 B Internet of Things	


APPROVED BY
 Secretary Academic Council
 MKSSS's Cummins College of Engineering
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200EHS 501 Open Elective I (Humanities)

Sr. No.	Course Code	Course Title
1	200EHS501A	Entrepreneurship Development
2	200EHS501B	Intellectual Property Rights
3	200EHS501C	Introduction to Digital Marketing
4	200EHS501D	Law for Engineers
5	200EHS501E	Organizational Behaviour
6	200EHS501F	Project Management