

**Autonomous Program Structure of
Third Year B. Tech. Fifth Semester
(Electronics and Telecommunication Engineering)**

Academic Year: 2022-2023 Onwards

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Total Marks	Credit
		Lecture	Tutorial	Practical	In Sem	End Sem	Oral	Practical		
20EC501	Digital Signal Processing	3	1	0	50	50	0	0	100	4
20EC502	VLSI Design	3	0	0	50	50	0	0	100	3
20EC503	Advanced Processors	3	0	0	50	50	0	0	100	3
20PEEC501	Programme Elective-I	3	0	0	50	50	0	0	100	3
20PEEC502	Programme Elective II*	3	0	0	50	50	0	0	100	3
20OEHS501	Open Elective I	3	0	0	50	50	0	0	100	3
20EC501L	Digital Signal Processing Lab	0	0	2	25	0	25	0	50	1
20EC502L	VLSI Design Lab	0	0	2	25	0	25	0	50	1
20EC503L	Advanced Processors Lab	0	0	4	25	0	0	25	50	2
20EC504L	Mini Project	0	0	2	25	0	25	0	50	1
20PEEC501L	Programme Elective Lab-I	0	0	2	25	0	0	25	50	1
20AC501	Audit Course : Self Expression	0	0	2	0	0	0	0	0	No Credit
	Total	18	1	14	425	300	75	50	850	25
	Grand Total	33			725		125			

*NPTEL / Swayam Course

APPROVED BY

Secretary Governing Body
MKSSS's Cummins College of Engineering
For Women, Pune-411052



APPROVED BY

Chairman Governing Body
MKSSS's Cummins College of Engineering
For Women, Pune-411052



Programme Elective-I			Programme Elective-I Lab		
Sr. No.	Course Code	Course Title	Sr. No.	Course Code	Course Title
1	20PEEC501A	Information Theory and Coding Techniques	1	20PEEC501LA	Information Theory and Coding Techniques Lab
2	20PEEC501B	Mechatronics	2	20PEEC501LB	Mechatronics Lab
3	20PEEC501C	Digital Image Processing	3	20PEEC501LC	Digital Image Processing Lab
4	20PEEC501D	Introduction to Internet of Things	4	20PEEC501LD	Introduction to Internet of Things Lab
Programme Elective-II*					
Sr. No.	Course Code	Course Title			
1.	20PEEC502	*NPTEL / Swayam Course			

Open Elective I (Humanities)		
Sr. No.	Course Code	Course Title
1	20OEHS501A	Entrepreneurship Development
2	20OEHS501B	Intellectual Property Rights
3	20OEHS501C	Introduction to Digital Marketing
4	20OEHS501D	Law for Engineers
5	20OEHS501E	Organizational Behaviour
6	20OEHS501F	Project Management

