

**Autonomous Program Structure of  
Second Year B. Tech. Fourth Semester  
(Electronics and Telecommunication Engineering)  
Academic Year: 2021-2022 Onwards**

Course Code	Course Title	Teaching Scheme Hours/Week			Examination Scheme				Total Marks	Credit
		Lecture	Tutorial	Practical	In Sem	End Sem	Oral	Practical		
20EC401	Digital Electronics	3	1	0	50	50	0	0	100	4
20EC402	Analog and Digital Communication	3	1	0	50	50	0	0	100	4
20EC403	Machine Learning with Python	3	0	0	50	50	0	0	100	3
20EC404	Embedded Systems	3	0	0	50	50	0	0	100	3
20EC405	Object Oriented Programming	3	0	0	50	50	0	0	100	3
20EC401L	Digital Electronics Lab	0	0	2	25	0	25	0	50	1
20EC402L	Analog and Digital Communication Lab	0	0	2	25	0	25	0	50	1
20EC403L	Machine Learning with Python Lab	0	0	2	25	0	25	0	50	1
20EC404L	Embedded Systems Lab	0	0	4	25	0	0	25	50	2
20EC405L	Object Oriented Programming Lab	0	0	2	25	0	0	25	50	1
20AC401	Audit Course	0	0	2	0	0	0	0	0	No Credit
	<b>Total</b>	<b>15</b>	<b>2</b>	<b>14</b>	<b>375</b>	<b>250</b>	<b>75</b>	<b>50</b>	<b>750</b>	<b>23</b>
	<b>Grand Total</b>	<b>31</b>			<b>625</b>		<b>125</b>			

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**APPROVED BY**  
Secretary Governing Body  
MKSSS's Cummins College of Engineering  
Pune-411052



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