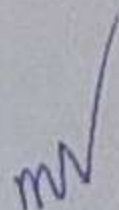
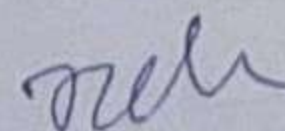


**Autonomous Program Structure  
Second Year B. Tech. Fourth Semester  
(Instrumentation and Control)  
Academic Year: 2021-2022 Onwards**

Course Code	Course Title	Teaching Scheme Hours /Week			Examination Scheme				Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Oral	Practical		
20IN401	Fundamentals of Computer Networks	3	0	0	50	50	0	0	100	3
20IN402	Control Systems	3	0	0	50	50	0	0	100	3
20IN403	Micro controller Techniques	3	1	0	50	50	0	0	100	4
20IN404	Power Electronic and Drives	3	1	0	50	50	0	0	100	4
20IN405	Unit Operations	3	1	0	50	50	0	0	100	4
20IN402L	Control Systems Lab	0	0	2	25	0	0	25	50	1
20IN403L	Micro controller Techniques 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>3</b>	<b>6</b>	<b>300</b>	<b>250</b>	<b>0</b>	<b>50</b>	<b>600</b>	<b>20</b>
	<b>Grand Total</b>		<b>24</b>			<b>600</b>			<b>600</b>	<b>20</b>



**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