

## **COURSE CATALOGUE**

### *First Semester*

S. #.	Name of Subjects	Credit Hours		Marks		
		Th.	Pr.	Theory	Practical	Total
1	Sensors and Actuators	2	0	50	00	50
2	Mechanics and Machine Elements	2	0	50	00	50
3	Classical Control Systems	2	0	50	00	50
4	Modelling and Simulation of Dynamical Systems	2	1	50	50	100
5	Measurement Systems	2	1	50	50	100
<b>Total</b>		<b>12</b>		<b>250</b>	<b>100</b>	<b>350</b>

### *Second Semester*

S. #.	Name of Subjects	Credit Hours		Marks		
		Th.	Pr.	Theory	Practical	Total
1	Embedded Systems and Applications	2	1	50	50	50
2	Computational Intelligence	3	0	100	00	100
3	Modern Control Systems	3	1	100	50	150
4	Mechanics of Robot Manipulators	2	0	50	00	100
<b>Total</b>		<b>12</b>		<b>300</b>	<b>100</b>	<b>400</b>

### *Third Semester*

S. #.	Name of Subjects	Credit Hours		Marks		
		Th.	Pr.	Theory	Practical	Total
1	Computer Aided Mechanical Design	2	1	50	50	100
2	Machine Vision	2	0	50	00	50
3	Thesis	6		00	600	600
<b>Total</b>		<b>11</b>		<b>100</b>	<b>650</b>	<b>750</b>