

**I YEAR B.Tech. (4YDC)  
Common To All Branches**

**Semester - A**

S. No.	Subject Category	Subject Code	Subject Name	Hours per Week			Credits		Maximum Marks				
				L	T	P	Th	Pr	Theory		Practical		Total
									Th.	CW	SW	Pr.	
1	BSC	MA10011	Mathematics - I	3	1	-	4	-	70	30	-	-	100
2	BSC	PH10018	Physics	3	1	-	4	-	70	30	-	-	100
3	ESC	EE10015	Fundamentals of Electrical Engineering	2	1	-	3	0	70	30	-	-	100
4	ESC	CE10013	Fundamentals of Civil Engineering & Applied Mechanics	2	1	-	3	0	70	30	-	-	100
5	ESC	ME10049	Engineering Graphics	2	-	-	2	-	70	30	-	-	100
6	BSC (LC)	PH10151	Applied Physics Lab	-	-	2	-	1	-	-	20	30	50
7	ESC (LC)	EE10152	Electrical Engineering Lab	-	-	2	-	1	-	-	20	30	50
8	ESC (LC)	ME10153	Engineering Graphics Lab	-	-	4	-	2	-	-	40	60	100
9	HSMC	HU10191	Extra /Co curricular Activity	-	-	2	-	1	-	-	50	-	50
10	MC		Induction program & Universal Human Values	1 weeks in the beginning of I Year & 2 hour per week during semester									
<b>TOTAL</b>				<b>12</b>	<b>4</b>	<b>10</b>	<b>16</b>	<b>5</b>	<b>350</b>	<b>150</b>	<b>130</b>	<b>120</b>	<b>750</b>

**Semester - B**

S. No.	Subject Category	Subject Code	Subject Name	Hours per Week			Credits		Maximum Marks				
				L	T	P	Th	Pr	Theory		Practical		Total
									Th.	CW	SW	Pr.	
1	BSC	MA10511	Mathematics - II	3	1	-	4	-	70	30	-	-	100
2	BSC	CH10517	Chemistry	3	-	-	3	-	70	30	-	-	100
3	HSMC	HU10552	Technical English	2	1	-	3	-	70	30	-	-	100
4	ESC	CO10507	Programming for Problem Solving	2	1	-	3	-	70	30	-	-	100
5	ESC	EC10508	Basic Electronics Engineering	2	-	-	2	-	70	30	-	-	100
6	BSC (LC)	CH10656	Chemistry Lab	-	-	2	-	1	-	-	20	30	50
7	HSMC (LC)	HU10653	Language Lab	-	-	2	-	1	-	-	20	30	50
8	ESC (LC)	CO10654	Computer Programming Lab	-	-	2	-	1	-	-	20	30	50
9	ESC (LC)	IP10655	Manufacturing Practices	-	-	4	-	2	-	-	40	60	100
10	HSMC	HU10691	Extra /Co curricular Activity	-	-	2	-	1	-	-	50	-	50
11	MC		Induction program & Universal Human Values	1 weeks in the beginning of I Year & 2 hour per week during semester									
<b>TOTAL</b>				<b>12</b>	<b>3</b>	<b>12</b>	<b>15</b>	<b>6</b>	<b>350</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>800</b>

Engineering Certificate shall be awarded after acquiring additional 10 credits out of which 6 credits as 2 Months industrial training within five years