

**Autonomous Programme Structure of  
F. Y. B. Tech. (Common to All Programmes)  
A. Y. 2017-2018**

<b>F. Y. B. Tech. Semester –I</b>									
<b>Course Code</b>	<b>Course Title</b>	<b>Teaching Scheme Hours / Week</b>			<b>Examination Scheme</b>			<b>Marks</b>	<b>Credit</b>
		<b>Lecture</b>	<b>Tutorial</b>	<b>Practical</b>	<b>In Semester</b>	<b>End Semester</b>	<b>Practical / Oral</b>		
BS 1101	Engg. Mathematics - I	3	1	0	50	50	0	100	4
BS 1102	Physics - I	2	1	0	25	50	0	75	3
BS 1103	Chemistry- I	2	1	0	25	50	0	75	3
ES 1101	Basic Electrical and Electronics Engg. - I	3	0	0	25	50	0	75	3
ES 1102	Fundamentals of Programming Language - I	1	0	0	25	0	0	25	1
ES 1103	Engg. Graphics	2	0	0	25	25	0	50	2
ES 1104	Environmental Studies	2	1	0	25	50	0	75	3
BS 1104	Physics and Chemistry Lab - I	0	0	2	25	0	0	25	1
ES 1105	Basic Electrical and Electronics Engg. Lab - I	0	0	2	0	0	25	25	1
ES 1106	Fundamentals of Programming Language - I	0	0	2	0	0	25	25	1
ES 1107	Engg. Graphics Lab	0	0	2	0	0	25	25	1
NC 1101	Value Education	1	0	0	0	0	0	0	0
	<b>Total</b>	<b>16</b>	<b>4</b>	<b>8</b>	<b>225</b>	<b>275</b>	<b>75</b>	<b>575</b>	<b>23</b>
	<b>Grand Total</b>	<b>28</b>			<b>575</b>			<b>575</b>	<b>23</b>

### F. Y. B. Tech. Semester –II

Course Code	Course Title	Teaching Scheme Hours / Week			Examination Scheme			Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Practical / Oral		
BS 1201	Engg. Mathematics - II	3	1	0	50	50	0	100	4
BS 1202	Physics - II	2	1	0	25	50	0	75	3
BS 1203	Chemistry - II	2	1	0	25	50	0	75	3
ES 1201	Basic Electrical and Electronics Engg. - II	3	0	0	25	50	0	75	3
ES 1202	Fundamentals of Programming Language - II	1	0	0	25	0	0	25	1
ES 1203	Basic Mechanical Engg.	3	0	0	25	50	0	75	3
ES 1204	Engg. Mechanics	2	1	0	25	50	0	75	3
BS 1204	Physics and Chemistry Lab - II	0	0	2	25	0	0	25	1
ES 1205	Basic Electrical and Electronics Engg. Lab - II	0	0	2	0	0	25	25	1
ES 1206	Fundamentals of Programming Language - II	0	0	2	0	0	25	25	1
ES 1207	Engg. Mechanics Lab	0	0	2	0	0	25	25	1
ES 1208	Workshop Practice – I	0	0	2	0	0	25	25	1
	<b>Total</b>	<b>16</b>	<b>4</b>	<b>10</b>	<b>225</b>	<b>300</b>	<b>100</b>	<b>625</b>	<b>25</b>
	<b>Grand Total</b>	<b>30</b>			<b>625</b>			<b>625</b>	<b>25</b>