

**Program: B. Tech. in Electrical and Computer Science Engineering Department (ECSE)**

*(Credits for Honors and Minors are to be given in addition to the total credits 175.5)*

Semester										C:175.5
<b>1st</b>	Mathematics 3-2-0-5	Physics - I 2-1-0-3	HSS - 1 Technical Communication 3-0-2-4	I to I Mech 2-0-0-2	Physics + Lab 0-0-3-1.5	Chemistry 3-1-0-4	Engineering Graphics 2-0-3-3.5	Chemistry + Lab 0-0-3-1.5		<b>24.5</b>
<b>2nd</b>	Mathematics (ODE+ Linear Algebra + V. calculus) 4-2-0-6	Physics - II 3-2-0-5	EEE 2-1-2-4	Computer Science 2-1-3-4.5	Manufacturing Science & Workshop 2-0-3-3.5	--	--	--		<b>23</b>
<b>3rd</b>	HSS – 2 (Intro to Sociology) 3-0-0-3	Complex Analysis and Differential Equations 4-2-0-6	Electronic Devices and Circuit Theory 3-1-3-5.5	Network Theory 3-1-0-4	Signals and Systems 3-1-0-4	Instrument. Lab 0-0-3-1.5	Minor-1	--		<b>24</b>
<b>4th</b>	Electrical Machines-I 3-0-3-4.5	Power Systems - I 3-1-0-4	Linear Integrated Circuit Applications 3-0-0-3	Digital Systems 3-0-3-4.5	Probability and Random Process 3-1-0-4	(Honors-1)	Minor-2	--		<b>20</b>
<b>5th</b>	HSS – 3 (Introduction to Economics) 3-0-0-3	Power Electronics - 1 3-1-3-5.5	Microprocessors 3-0-3-4.5	Electromagnetic Waves 3-0-0-3	Control Systems 3-1-3-5.5	(Honors-2)	Minor-3	--		<b>21.5</b>
<b>6th</b>	HSS-4 Elective 3-0-0-3	Electrical Infrastructure 3-1-0-4	Communication System 3-1-3-5.5	Digital Signal Processing 3-1-3-5.5	Dept. Ele. I 3-0-3-4.5	(Honors-3)	Minor-4	Seminar 2-0-0-2		<b>24.5</b>
<b>7th</b>	Open Elective 1 3-0-0-3	BTP 1 0-0-0-8	Dept. Ele. II 3-0-2-4	Dept. Ele. III 3-0-2-4	Dept. Ele. IV 3-0-0-3	(Honors-4)	Minor-5	--		<b>22</b>
<b>8th</b>	BTP-2 0-0-0-16		--	--	--	--	--	--		<b>16</b>