

Details of course under B.Sc.(Prog) Electronics			Credits			
			Theory	Practical	Tutorial	Total
<b>SEMESTER-I</b>						
<b>Core Course</b>	Physics C-I	DSC 1A: Network Analysis and Analog Electronics	4	2		6
	Physics C-II	DSC 2A: Mechanics	4	2		6
	Maths C-III	DSC 3A: Calculus and Matrices	5		1	6
<b>AECC</b>	AECC-1	Environmental Science				2
<b>SEMESTER-II</b>						
<b>Core Course</b>	Physics C-IV	DSC 1B: Linear and Digital Integrated Circuits	4	2		6
	Physics C-V	DSC 2B: Electricity, Magnetism & EMT	4	2		6
	Maths C-VI	DSC 2B: Calculus and Geometry	5		1	6
<b>AECC</b>	AECC-2	English/Hindi Bhasha Aur Sanspresnan/MIL				2
<b>SEMESTER-III</b>						
<b>Core Course</b>	Physics C-VII	DSC 1C: Communication Electronics	4	2		6
	Physics C-VIII	DSC 2C: Thermal Physics and Statistical Mechanics	4	2		6
	Maths C-IX	DSC 3C: Algebra	5		1	6
<b>SEC</b>	Physics-SEC-1	Electrical Circuits				2
<b>SEMESTER-IV</b>						
<b>Core Course</b>	Physics C-X	DSC 1D: Microprocessor and Microcontroller	4	2		6
	Physics C-XI	DSC 2D: Waves and Optics	4	2		6
	Maths C-XII	DSC 3D: Real Analysis	5		1	6
<b>SEC</b>	SEC-2	Computational Physics Skills				2
<b>SEMESTER-V</b>						
	Physics DSE-1A	Elements of modern Physics	4	2		6
	Physics DSE-2A	Electronics Instrumentations	4	2		6
	Maths DSE-3A	Differential Equations	5		1	6
<b>SEC</b>	SEC-3	Applied Optics				2

<b>SEMESTER-VI</b>						
<b>DSE</b>	Physics DSE-1B	Photonic Devices and Power Electronics	4	2		6
	Physics DSE-2B	Solid State Physics	4	2		6
	Maths DSE-3B	Numerical Methods	5		1	6
<b>SEC</b>	SEC-4	Weather Forecasting				2
<b>Total</b>						<b>120</b>

**NOTE:** The College reserves the right to change the number of options offered and titles of specific papers in any semester, within the framework of the University of Delhi CBCS Syllabus.