

M. Sc. Electronics & Communication Scheme Revision Session: 2019 – 21

Semester I				32 Credits		32 Credits	
S.N	Course Code	Course Name (Pre-Revised)	Credit	Course Code	Course Name (Revised)	Credit	
1	EL51101	Signals and Systems-I	4	EL51101	Signals and Systems-Continuous	4	
2	EL51102	Electromagnetic Theory	4	EL51102	Electromagnetic Theory	4	
3	EL51103	Programming in C Language	4	EL51103	C Programming	4	
4	EL51104	Devices and Circuit Theory	4	EL51104	Devices and Circuit Theory	4	
5	EL51105	Digital Design	4	EL51105	Digital Design	4	
6	EL51203	C Programming Lab	2+2	EL51203	C Programming Lab	2+2	
7	EL51204/05	Device and Circuit Lab / Digital Design Lab	2	EL51204/05	Device and Circuit Lab / Digital Design Lab	2	
8	EL51301	Seminar	2	EL51301	Seminar	2	
9	EL51401	Comprehensive Viva	4	EL51401	Comprehensive Viva	4	
Semester II:				32 Credits		32 Credits	
S.N	Course Code	Course Name (Pre-revised)	Credit	Course Code	Course Name (Revised)	Credit	
1	EL52101	Microprocessor & Interfacing	4	EL52101	Microprocessor & Interfacing	4	
2	EL52102	Analog & Digital Communication	4	EL52102	Analog Communication Systems	4	
3	EL52103	Computer Networks	4	EL52103	Computer Networks	4	
4	EL52104	Signals and Systems-II	4	EL52104	Signals and Systems-Discrete	4	
5	EL52105	Object Oriented Programming (using JAVA)	4	EL52105	JAVA Programming	4	
6	EL52201/02	Microprocessor & Intf Lab. / Analog & Digital Communication Lab	2+2	EL52201/02	Microprocessor Intf. Lab. / Analog & Digital Communication Lab	2+2	
7	EL52204/05	MATLAB Laboratory / JAVA Lab	2+2	EL52204/05	MATLAB Laboratory / JAVA Lab	2+2	
8	EL52401	Comprehensive Viva	4	EL52401	Comprehensive Viva	4	
Semester III:				30 Credits		30 Credits	
S.N	Course Code	Course Name (Pre-Revised)	Credit	Course Code	Course Name (Revised)	Credit	
1	EL53101	Control Systems	4	EL53101	Control Systems	4	
2	EL53102	Microwave Communication	4	EL53102	Microwave Communication	4	
3	EL53103	Microcontroller & Interfacing	4	EL53103	Microcontroller & Interfacing	4	
4	EL53104	Wireless Communication	4	EL53104	Wireless Communication	4	
5	EL53105	VHDL	4	EL53105	VHDL	4	
6	EL53203	Microcontroller & Interfacing Lab.	2	EL53203	Microcontroller & Interfacing Lab.	2	
7	EL53204	Wireless Comm. Laboratory	2	EL53204	Wireless Comm. Laboratory	2	
8	EL53205	VHDL Laboratory	2	EL53205	VHDL Laboratory	2	
9	EL53401	Comprehensive Viva	4	EL53401	Comprehensive Viva	4	
Semester IV:				12 Credits		12 Credits	
S.N	Course Code	Course Name (Pre-Revised)	Credit	Course Code	Course Name (Revised)	Credit	
1	EL54501	Major Project	12	EL54501	Major Project	12	

Total Credits: 106

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Notes: 1. Courses marked with RED Ink are deleted courses and courses marked with GREEN ink are newly introduced ones. BLUE marked courses have minor changes in name and/or syllabus.

2. The CBCS scheme has been introduced from 2013 onwards.