M. Sc. Electronics and Communication Scheme Revision Session: 2020 – 22

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-Continuous	4	EL51101	Signals and Systems-Continuous	4
2	EL51102	Electromagnetic Theory	4	EL51102	Electromagnetic Theory	4
3	EL51103	C Programming	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	EL51203	C Programming Lab	2
7	EL51204/05	Device and Circuit Lab / Digital Design Lab	2+2	EL51204/05	Device and Circuit Lab / Digital Design Lab	2+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 Communication Systems	4	EL52102	Analog Communication Systems	4
3	EL52103	Computer Networks	4	EL52103	Computer Networks	4
4	EL52104	Signals and Systems-Discrete	4	EL52104	Signals and Systems-Discrete	4
5	EL52105	JAVA Programming	4	EL52105	JAVA Programming	4
6	EL52201/02	Microprocessor & Int. Lab. / Analog Communication Lab	2+2	EL52201/02	Microprocessor & Int. Lab. / Analog 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 Lab.	2	EL53203	Microcontroller Lab.	2
7	EL53204	Wireless Communication Laboratory	2	EL53204	Wireless Communication Laboratory	2
8	EL53205	VHDL Laboratory	2	EL53205	VHDL Laboratory	2
	EL53401	Comprehensive Viva	4	EL53401	Comprehensive Viva	4

Semester IV: — 12 Credits — 12Credits

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 — **Total Credits: 106**

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.