

Dr. Babasaheb Ambedkar Technological University

Department of Electronics & Telecommunication Engineering

B.Tech (Electronics & Telecommunication Engineering)

Semester III

Sr. A. No.	Course Code	Course	Teaching Scheme			
			L	T	P	C
1.	EC 01	Engineering Mathematics III	3	1	0	4
2.	EC 02	Principles of Communication Engineering	3	1	0	4
3	EC 03	Electronic Devices and Circuits	3	1	0	4
4	EC 04	Digital Electronics	3	0	0	3
5	EC 05	Electronic Measuring Instruments & Tools	0	0	2	1
6	EC 06	Network Analysis	3	0	0	3
7	EC 07 (Ele-I) (Open)	Physics of Engineering Materials	3	0	0	3
		Engineering Chemistry-II				
		Advanced Computer Programming				
		Statistical Methods				
8	ECL 08	Electronic Devices and Circuits Laboratory	0	0	2	1
9	ECL 09	Principles of Communication Engg. Laboratory	0	0	2	1
10	ECL 10	Digital Electronics Laboratory	0	0	2	1
Total			18	03	08	25

List of Electives

EC 07 (Ele-I) (Open)

- A. Physics of Engineering Materials
- B. Chemistry-II
- C. Engineering Advanced Computer Programming
- D. Statistical Methods

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Semester IV

Sr. No.	Course Code	Course	Teaching Scheme			
			L	T	P	C
1.	EC 11	Linear Integrated Circuits	3	0	0	3
2	BH01	Basic Human Rights	2	0	0	2
3.	EC 12	Signals and Systems	3	1	0	4
4.	EC 13	Numerical Methods	3	1	0	4
5	EC 14 (Ele-II) (Open)	Electrical Machines	3	0	0	3
		Open Source Technology				
		Renewable Energy				
6.	EC 15 (Ele-III)	Industrial Instrumentation	3	0	0	3
		Development Engineering				
		Linear Algebra				
		Nano Electronics				
		NSS1				
7	ECL 16	Analog Circuits Laboratory	0	0	2	1
8.	ECL 17	Numerical Methods Laboratory	0	0	2	1
9.	ECL 18	Signals & Systems Laboratory	0	0	2	1
10.	EC 19	Seminar & Presentation	0	0	4	2
11	MP 20	Mini-project	0	0	2	1
Total			17	02	12	25

List of Electives

EC 14 (Ele-II) (Open)

- A. Electrical Machines
- B. Open Source Technology
- C. Renewable Energy

EC 15 (Ele-III)

- A. Industrial Instrumentation
- B. Development Engineering
- C. Linear Algebra
- D.NSS1