

Dr. Babasaheb Ambedkar Technological University

Department of Electronics & Telecommunication Engineering

B.Tech (Electronics & Telecommunication Engineering)

Semester V

Sr. No.	Course Code	Course	Teaching Scheme			
			L	T	P	C
1.	EC 21	Probability and Random Processes	3	1	0	4
2.	EC 22	Electromagnetic Fields	3	0	0	3
3.	EC 23	Microprocessor and Microcontroller	3	0	0	3
4	EC 24	Digital Signal Processing	3	1	0	4
5	EC 25 (Ele-IV)	Digital Voice and Picture Communication	3	0	0	3
		Engineering Economics				
		Computer Organization & System Software				
6	EC 26 (Ele-V)	Telecomm. Network Management	3	0	0	3
		MEMS & NEMS				
		Embedded System Design				
		Project Management				
		NSS2				
		NSF COURSE I				
7	ECL 27	Microprocessor and Microcontroller Laboratory	0	0	2	1
8	ECL 28	Digital Communication Laboratory	0	0	2	1
9	ECL 29	Digital Signal Processing Laboratory	0	0	2	1
Total			18	2	6	23

List of Electives

EC 25 (Ele-IV)

- A. Digital Voice and Picture Communication
- B. Engineering Economics
- C. Computer Organization & System Software

EC 26 (Ele-V)

- A. Telecomm. Network Management
- B. MEMS & NEMS
- C. Embedded System Design
- D. Project Management
- E. NSS2
- F. NSF COURSE I

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Semester VI

Sr. No	Course Code	Course	Teaching Scheme			
			L	T	P	C
1	EC 30	Wireless Communication	3	1	0	4
2.	EC 31	Control System	3	1	0	4
3	EC 32	Digital Communication	3	0	0	3
4	*EC33	Employability & Skill Development	2	0	0	2
5	EC 34 (Ele-VI)	Image Processing	3	1	0	4
		Power Electronics				
		Audio & Video Processing				
6	EC35 (Ele-VII) (Open)	Data Structure	3	0	0	3
		Acoustic Engineering				
		Rural Technology				
		Digital System Design				
		NSF COURSE II				
7	ECL 36	Image Processing Laboratory	0	0	2	1
		Power Electronics Laboratory				
		Audio & Video Processing Laboratory				
8	EC CP 37	Community Project	0	0	4	2
Total			17	3	6	23

*EC33- Only Term Work, no final examination.

List of Electives

EC 34 (Ele-VI)

- A Image Processing
- B. Power Electronics
- C. Audio & Video Processing

EC35 (Ele-VII) (Open)

- A. Data Structure
- B. Acoustic Engineering
- C. Rural Technology
- D. NSF COURSE II