

**Course wise list of Extra and Backlog courses-Autumn 2023**

**B.Tech 1st Semester courses**

Sl. No.	Course details	Continuous Evaluation	End Term	Total No. of Students
1	EE101 Basic Electrical Engineering (2 cr)	B21CS028	B22CE001, B22CE003, B22CS006, B22CS012, B22CS016, B22CS023, B22EC022, B22EE004, B22EE026	10
2	EC101 Basic Electronics Engineering (2 cr)	B21EC018, B21ME010, B22ME023, B22CS009, B22EC028, B22EE003	B22ME001, B22ME006, B22ME008, B22ME029	10
3	CY101 Chemistry (3 cr)	B22CS009, B22EC028, B22EE003	B21ME010, B22EE001, B22ME021	6
4	MA101 Differential Calculus & Linear Algebra (4 cr)	B21EC018, B22ME023, B22CS009, B22EC028, B22EE003	B22EE026	6
5	ME101 Engineering Mechanics (3 cr)	B22CS009, B22EC028, B22EE003	B22CE005	4
6	HS101 English Language Skills (2 cr)	B22CS009, B22EC028, B22EE003		3
7	CE101 Engineering Drawing (3 cr)	B22CS009, B22EC028, B22EE003		3
5	HS151 English Language Skills Lab (1 cr)	B22CS009, B22EC028, B22EE003		3
6	EC151 Basic Electronics Lab (1 cr)	B22CS009, B22EC028, B22EE003		3
7	CY151 Chemistry Laboratory (1 cr)	B22CS009, B22EC028, B22EE003		3
8	PH101 Physics (4 cr)	B22ME023	B22CE005, B22CE007, B22CE008, B22CE016, B22CE018, B22CE026, B22CS006, B22CS012, B22CS016, B22CS019, B22CS020, B22CS023, B22CS026, B22CS030, B22EC003, B22EC011, B22EE001, B22EE004, B22EE016, B22EE020, B22EE022, B22EE026, B22EE033	24

**B.Tech 3rd Semester courses**

Sl. No.	Course details	Continuous Evaluation	End Term	Total No. of Students
1	MA201 Integral Transforms and PDEs (4 cr)	B21CS010, B21CS017, B21CS022, B21CS028, B21CS029, B21EC031	B21CE010, B21CE015, B21ME010, B21ME028	10
2	EE203 Electrical Machine-I (4 cr)		B21EE023	1
3	ME203 Engineering Thermodynamics (3 cr)		B21ME010, B21ME021	2
4	ME205 Fluid Mechanics (3 cr)		B21ME010, B21ME028, B21ME029	3
5	CS255 Internet Web Technology Lab (1 cr)	B21CS028		1

**B.Tech 5th Semester courses**

Sl. No.	Course details	Continuous Evaluation	End Term	Total No. of Students
1	CE301 Geotechnical Engineering-I (3 cr)	B20CE018		1
2	CE303 Transportation Engineering-I (3 cr)	B20CE018		1
3	CE305 Hydrology & Water Resources Engineering (4 cr)	B20CE018		1
4	CE315 Structural Analysis-II (3 cr)	B20CE018		1
5	CE351 Geotechnical Engineering Lab I (2 cr)	B20CE018		1
6	CE353 Transportation Engineering Lab I (2 cr)	B20CE018		1
7	CE355 Hydrology & Water Resources Engineering Lab (1 cr)	B20CE018		1
8	CS313 Embedded Systems (4 cr)	B19CS035		1
9	CS319 Automata and Formal Language (3 cr)	B19CS035		1
10	CS351 Operating Systems Lab (2 cr)	B20CS026		1
11	CS371 Database System Concepts (2 cr)	B20CE018		1
12	EC301 Analog and Digital Communication (4 cr)	B19EC030		1
13	EC303 Electromagnetic Waves and Radiating Patterns (4 cr)	B19EC030		1
14	EC305 Digital Signal Processing (3 cr)	B19EC030		1
15	EC311 Embedded Systems (4 cr)	B19EC030		1
16	EC323 Image Processing (3 cr)	B19EC030		1
17	EC351 Analog and Digital Communication Lab (2 cr)	B19EC030		1
18	EC353 Electromagnetic Waves and Radiating Patterns Lab (2 cr)	B19EC030		1
19	EC355 Digital Signal Processing Lab (1 cr)	B19EC030		1
20	EE301 Power System-II (4 cr)	B20EE001		1
21	EE305 Microprocessor & Interfacing (3 cr)	B20EE001, B20EE026		2
22	EE317 EHVCAC & HVDC Power Transmission (3 cr)	B20EE026		1
23	EE355 Microprocessor & Interfacing Lab (1 cr)	B20EE026		1
24	ME371 Power Plant Engg. and Energy Audit (2 cr)	B19CS035		1
25	EE301 Power System-II (4 cr)		B20EE017, B20EE026	2
26	EE303 Power Electronics (4 cr)		B20EE017, B20EE026	2
27	EE311 Signal & Systems (3 cr)		B20EE004, B20EE005, B20EE006, B20EE017, B20EE026	5

**M.Sc 2nd Semester courses**

Sl. No.	Course details	Continuous Evaluation	End Term	Total No. of Students
1	CY407 Quantum Chemistry (4 cr)	S22CY006		1
2	MA403 Linear Algebra (4 cr)	S22MA001		1
3	PH401 Mathematical Physics-I (4 cr)		S22PH004	1
4	PH403 Quantum Mechanics-I (4 cr)		S22PH004	1