



STUDY AND EVALUATION SCHEME (2023-2024)

SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS

Program:BTech(Electronics_and_Communication)

Semester:1st

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	ECL0101[T]	Basic Electronics	60	20	20	0	0	0	100	2	1	0	3
2	ECL0102[T]	Principles of Sensors & IoT	60	20	20	0	0	0	100	2	1	0	3
3	HUL0101[T]	Communication Skills & Colloquium	60	20	20	0	0	0	100	3	0	0	3
4	MAL0101[T]	Calculus For Engineers	60	20	20	0	0	0	100	2	1	0	3
5	MEL0101[T]	Engineering Mechanics	60	20	20	0	0	0	100	2	1	0	3
6	ECL0101[P]	Basic Electronics	0	0	0	60	20	20	100	0	0	1	1
7	ECL0102[P]	Principles of Sensors & IoT	0	0	0	60	20	20	100	0	0	1	1
8	ECP0101[P]	Electronics Workshop Practice	0	0	0	60	20	20	100	0	0	2	2
9	HUL0101[P]	Communication Skills & Colloquium	0	0	0	60	20	20	100	0	0	1	1
10	MAL0101[P]	Calculus For Engineers	0	0	0	60	20	20	100	0	0	1	1
11	MEL0101[P]	Engineering Mechanics	0	0	0	60	20	20	100	0	0	1	1
Total Credits												22	

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:2nd

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CSL0201[T]	Essentials of Information Technology	60	20	20	0	0	0	100	2	0	0	2
2	ECL0261[T]	Fundamentals of Arduino Programming	60	20	20	0	0	0	100	2	1	0	3
3	EEL0201[T]	Principles of Electrical Engineering	60	20	20	0	0	0	100	2	1	0	3
4	MAL0203[T]	Statistics for Engineers	60	20	20	0	0	0	100	2	1	0	3
5	MCL0201[T]	Environmental Pollution & Global Issues	60	20	20	0	0	0	100	3	1	0	4
6	MCL0202[T]	Making of Modern India	60	20	20	0	0	0	100	2	0	0	2
7	MEL0202[T]	Engineering Graphics	60	20	20	0	0	0	100	2	0	0	2
8	CSL0201[P]	Essentials of Information Technology	0	0	0	60	20	20	100	0	0	1	1
9	CSP0201[P]	Programming Logics	0	0	0	60	20	20	100	0	0	2	2
10	ECL0261[P]	Fundamentals of Arduino Programming	0	0	0	60	20	20	100	0	0	1	1
11	EEL0201[P]	Principles of Electrical Engineering	0	0	0	60	20	20	100	0	0	1	1
12	MAL0203[P]	Statistics for Engineers	0	0	0	60	20	20	100	0	0	1	1
13	MEL0202[P]	Engineering Graphics	0	0	0	60	20	20	100	0	0	1	1
Total Credits												26	

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:3rd

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	ECL0303[T]	Semiconductor Devices	60	20	20	0	0	0	100	2	1	0	3
2	ECL0304[T]	Architecturing of Smart IoT Devices	60	20	20	0	0	0	100	3	0	0	3
3	ECL0306[T]	Digital Electronics	60	20	20	0	0	0	100	2	1	0	3
4	ECL0307[T]	Network Analysis & Synthesis	60	20	20	0	0	0	100	2	1	0	3
5	MAL0306[T]	Engineering Mathematics	60	20	20	0	0	0	100	3	1	0	4
6	CSP0303[P]	Object Oriented Programming with Java	0	0	0	60	20	20	100	0	0	2	2
7	ECD0301[P]	Evaluation of Industrial Training-I	0	0	0	60	20	20	100	0	0	2	2
8	ECL0303[P]	Semiconductor Devices	0	0	0	60	20	20	100	0	0	1	1
9	ECL0304[P]	Architecturing of Smart IoT Devices	0	0	0	60	20	20	100	0	0	1	1
10	ECL0306[P]	Digital Electronics	0	0	0	60	20	20	100	0	0	1	1
11	ECL0307[P]	Network Analysis & Synthesis	0	0	0	60	20	20	100	0	0	1	1
												Total Credits	24

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:4th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	CSL0457[T]	Data Structure and Application	60	20	20	0	0	0	100	2	1	0	3
2	ECL0408[T]	Electronics Circuits & Linear ICs Applications	60	20	20	0	0	0	100	3	1	0	4
3	ECL0409[T]	Digital System Design	60	20	20	0	0	0	100	3	1	0	4
4	ECL0411[T]	Analog Communication	60	20	20	0	0	0	100	3	1	0	4
5	ECL0460[T]	Wireless Sensor Networks & IoT	60	20	20	0	0	0	100	2	1	0	3
6	CSL0457[P]	Data Structure and Application	0	0	0	60	20	20	100	0	0	1	1
7	CSP0405[P]	Computer Programming Lab (PYTHON)	0	0	0	60	20	20	100	0	0	2	2
8	ECL0408[P]	Electronics Circuits & Linear ICs Applications	0	0	0	60	20	20	100	0	0	1	1
9	ECL0409[P]	Digital System Design	0	0	0	60	20	20	100	0	0	1	1
10	ECL0411[P]	Analog Communication	0	0	0	60	20	20	100	0	0	1	1
11	ECL0460[P]	Wireless Sensor Networks & IoT	0	0	0	60	20	20	100	0	0	1	1
Total Credits												25	

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:5th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	ECL0512[T]	Electromagnetic Theory	60	20	20	0	0	0	100	3	1	0	4
2	ECL0513[T]	Digital Communication	60	20	20	0	0	0	100	3	1	0	4
3	ECL0514[T]	Control System	60	20	20	0	0	0	100	2	1	0	3
4	ECL0515[T]	Advanced Microprocessors and Interfacing	60	20	20	0	0	0	100	3	1	0	4
5	ECL0519[T]	Digital Signal Processing	60	20	20	0	0	0	100	2	1	0	3
6	ECD0502[P]	Evaluation of Industrial Training-II	0	0	0	60	20	20	100	0	0	2	2
7	ECL0513[P]	Digital Communication	0	0	0	60	20	20	100	0	0	1	1
8	ECL0515[P]	Advanced Microprocessors and Interfacing	0	0	0	60	20	20	100	0	0	1	1
9	ECL0519 [P]	Digital Signal Processing	0	0	0	60	20	20	100	0	0	1	1
10	ECP0502[P]	Software Lab-I	0	0	0	60	20	20	100	0	0	2	2
Total Credits												25	

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:6th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	ECL0617[T]	Antenna & Wave Propagation	60	20	20	0	0	0	100	3	1	0	4
2	ECL0618[T]	Micro controller & Embedded System	60	20	20	0	0	0	100	3	1	0	4
3	ECL0621[T]	Cellur & Mobile communication	60	20	20	0	0	0	100	3	1	0	4
4	ECL0662[T]	Machine Learning	60	20	20	0	0	0	100	2	1	0	3
5	ECD0603[P]	Mini Project	0	0	0	60	20	20	100	0	0	2	2
6	ECL0617[P]	Antenna & Wave Propagation	0	0	0	60	20	20	100	0	0	1	1
7	ECL0618[P]	Micro controller & Embedded System	0	0	0	60	20	20	100	0	0	1	1
8	ECL0662[P]	Machine Learning	0	0	0	60	20	20	100	0	0	1	1
9	ECP0603[P]	Software Lab-II	0	0	0	60	20	20	100	0	0	2	2
10		Elective I.	60	20	20	0	0	0	100	3	1	0	4
Total Credits												26	

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:7th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	ECL0723[T]	Microwave Engineering	60	20	20	0	0	0	100	3	1	0	4
2	ECL0733[T]	VLSI Technology	60	20	20	0	0	0	100	3	1	0	4
3	ECD0704[P]	Major Project-I	0	0	0	60	20	20	100	0	0	2	2
4	ECL0723[P]	Microwave Engineering	0	0	0	60	20	20	100	0	0	1	1
5	ECP0704[P]	Evaluation of Industrial Training-III	0	0	0	60	20	20	100	0	0	2	2
6		Elective4.	60	20	20	0	0	0	100	3	1	0	4
7		Elective3.	60	20	20	0	0	0	100	3	1	0	4
8		Elective2.	60	20	20	0	0	0	100	3	0	0	3
Total Credits													24

*Newly Added Courses

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Programme:BTech(Electronics_and_Communication)

Semester:8th

S.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credits
			Theory			Practical			Total Marks	L	T	P	
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva					
1	ECL0825[T]	Optical Fiber Communication	60	20	20	0	0	0	100	2	1	0	3
2	ECL0826[T]	VLSI Design	60	20	20	0	0	0	100	2	1	0	3
3	ECD0805[P]	Major Project-II	0	0	0	60	20	20	100	0	0	8	8
4	ECL0825[P]	Optical Fiber Communication	0	0	0	60	20	20	100	0	0	1	1
5	ECL0826[P]	VLSI Design	0	0	0	60	20	20	100	0	0	1	1
6		Elective6.	60	20	20	0	0	0	100	3	1	0	4
7		Elective5.	60	20	20	0	0	0	100	3	1	0	4
Total Credits												24	

*Newly Added Courses

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List of Elective Subjects

Course Code	Course Name	Subject Type	Semester
30665[T]	Micro Electro Mechanical System (MEMS)	Elective1	6th
30620[T]	Data Communication	Elective1.	6th
30701B [T]	Web Technologies	Elective2	7th
30701C[T]	Intellectual Property Rights	Elective2	7th
30701A[T]	Electric Vehicle Technology	Elective2.	7th
30763 [T]	IoT Data Analytics	Elective3	7th
30752[T]	Wireless Ad hoc Networks	Elective3.	7th
30736 [T]	Nanoelectronics	Elective4	7th
30764[T]	Cloud Computing	Elective4.	7th
30829[T]	Industrial Electronics	Elective5	8th
30843[T]	Wireless Networks	Elective5.	8th
30840 [T]	Soft Computing	Elective6	8th
30839[T]	Digital Image & Video Processing	Elective6.	8th