



STUDY AND EVALUATION SCHEME (2022-2023)

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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0101[T]	Basic Electronics	40	30	30	0	0	0	100	2	1	0	3
2	ECL0102[T]	Principles of Sensors & IOT	40	30	30	0	0	0	100	2	1	0	3
3	HUL0101[T]	Communication Skills & Colloquim	40	30	30	0	0	0	100	3	0	0	3
4	MAL0101[T]	Calculus For Engineers	40	30	30	0	0	0	100	2	1	0	3
5	MEL0101[T]	Engineering Mechanics	40	30	30	0	0	0	100	2	1	0	3
6	ECL0101[P]	Basic Electronics	0	0	0	40	30	30	100	0	0	1	1
7	ECL0102[P]	Principles of Sensors & IOT	0	0	0	40	30	30	100	0	0	1	1
8	ECP0101[P]	Electronics Workshop Practice	0	0	0	40	30	30	100	0	0	2	2
9	HUL0101[P]	Communication Skills & Colloquim	0	0	0	40	30	30	100	0	0	1	1
10	MAL0101[P]	Calculus For Engineers	0	0	0	40	30	30	100	0	0	1	1
11	MEL0101[P]	Engineering Mechanics	0	0	0	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	CSL0201[T]	Essentials of Information Technology	40	30	30	0	0	0	100	2	0	0	2
2	ECL0261[T]	Fundamentals of Arduino Programming	40	30	30	0	0	0	100	2	1	0	3
3	EEL0201[T]	Principles of Electrical Engineering	40	30	30	0	0	0	100	2	1	0	3
4	MAL0203[T]	Statistics for Engineers	40	30	30	0	0	0	100	2	1	0	3
5	MCL0201[T]	Environmental Pollution & Global Issues	40	30	30	0	0	0	100	3	1	0	4
6	MCL0202[T]	Making of Modern India	40	30	30	0	0	0	100	2	0	0	2
7	MEL0202[T]	Engineering Graphics	40	30	30	0	0	0	100	2	0	0	2
8	CSL0201[P]	Essentials of Information Technology	0	0	0	40	30	30	100	0	0	1	1
9	CSP0201[P]	Programming Logics	0	0	0	40	30	30	100	0	0	2	2
10	ECL0261[P]	Fundamentals of Arduino Programming	0	0	0	40	30	30	100	0	0	1	1
11	EEL0201[P]	Principles of Electrical Engineering	0	0	0	40	30	30	100	0	0	1	1
12	MAL0203[P]	Statistics for Engineers	0	0	0	40	30	30	100	0	0	1	1
13	MEL0202[P]	Engineering Graphics	0	0	0	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0303[T]	Semiconductor Devices	40	30	30	0	0	0	100	2	1	0	3
2	ECL0304[T]	Architecturing of Smart IoT Devices	40	30	30	0	0	0	100	3	0	0	3
3	ECL0306[T]	Digital Electronics	40	30	30	0	0	0	100	2	1	0	3
4	ECL0307[T]	Network Analysis & Synthesis	40	30	30	0	0	0	100	2	1	0	3
5	MAL0306[T]	Engineering Mathematics	40	30	30	0	0	0	100	3	1	0	4
6	CSP0303[P]	Object Oriented Programming with Java	0	0	0	40	30	30	100	0	0	2	2
7	ECD0301[P]	Evaluation of Industrial Training-I	0	0	0	40	30	30	100	0	0	2	2
8	ECL0303[P]	Semiconductor Devices	0	0	0	40	30	30	100	0	0	1	1
9	ECL0304[P]	Architecturing of Smart IoT Devices	0	0	0	40	30	30	100	0	0	1	1
10	ECL0306[P]	Digital Electronics	0	0	0	40	30	30	100	0	0	1	1
11	ECL0307[P]	Network Analysis & Synthesis	0	0	0	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	CSL0457[T]	Data Structure and Application	40	30	30	0	0	0	100	2	1	0	3
2	ECL0408[T]	Electronics Circuits & Linear ICs Applications	40	30	30	0	0	0	100	3	1	0	4
3	ECL0409[T]	Digital System Design	40	30	30	0	0	0	100	3	1	0	4
4	ECL0411[T]	Analog Communication	40	30	30	0	0	0	100	3	1	0	4
5	ECL0460[T]	Wireless Sensor Networks & IoT	40	30	30	0	0	0	100	2	1	0	3
6	CSL0457[P]	Data Structure and Application	0	0	0	40	30	30	100	0	0	1	1
7	CSP0405[P]	Computer Programming Lab (PYTHON)	0	0	0	40	30	30	100	0	0	2	2
8	ECL0408[P]	Electronics Circuits & Linear ICs Applications	0	0	0	40	30	30	100	0	0	1	1
9	ECL0409[P]	Digital System Design	0	0	0	40	30	30	100	0	0	1	1
10	ECL0411[P]	Analog Communication	0	0	0	40	30	30	100	0	0	1	1
11	ECL0460[P]	Wireless Sensor Networks & IoT	0	0	0	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0512[T]	Electromagnetic Theory	40	30	30	0	0	0	100	3	1	0	4
2	ECL0513[T]	Digital Communication	40	30	30	0	0	0	100	3	1	0	4
3	ECL0514[T]	Control System	40	30	30	0	0	0	100	2	1	0	3
4	ECL0515[T]	Advanced Microprocessors and Interfacing	40	30	30	0	0	0	100	3	1	0	4
5	ECL0519[T]	Digital Signal Processing	40	30	30	0	0	0	100	2	1	0	3
6	ECD0502[P]	Evaluation of Industrial Training-II	0	0	0	40	30	30	100	0	0	2	2
7	ECL0513[P]	Digital Communication	0	0	0	40	30	30	100	0	0	1	1
8	ECL0515[P]	Advanced Microprocessors and Interfacing	0	0	0	40	30	30	100	0	0	1	1
9	ECL0519 [P}	Digital Signal Processing	0	0	0	40	30	30	100	0	0	1	1
10	ECP0502[P]	Software Lab-I	0	0	0	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0617[T]	Antenna & Wave Propagation	40	30	30	0	0	0	100	3	1	0	4
2	ECL0618[T]	Micro controller & Embedded System	40	30	30	0	0	0	100	3	1	0	4
3	ECL0621[T]	Cellular & Mobile Communication	40	30	30	0	0	0	100	3	1	0	4
4	ECL0662[T]	Machine Learning	40	30	30	0	0	0	100	2	1	0	3
5	ECD0603[P]	Mini Project	0	0	0	40	30	30	100	0	0	2	2
6	ECL0617[P]	Antenna & Wave Propagation	0	0	0	40	30	30	100	0	0	1	1
7	ECL0618[P]	Micro controller & Embedded System	0	0	0	40	30	30	100	0	0	1	1
8	ECL0662[P]	Machine Learning	0	0	0	40	30	30	100	0	0	1	1
9	ECP0603[P]	Software Lab-II	0	0	0	40	30	30	100	0	0	2	2
10		Elective1.	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0723[T]	Microwave Engineering	40	30	30	0	0	0	100	3	1	0	4
2	ECL0733[T]	VLSI Technology	40	30	30	0	0	0	100	3	1	0	4
3	ECD0704[P]	Major Project-I	0	0	0	40	30	30	100	0	0	2	2
4	ECL0723[P]	Microwave Engineering	0	0	0	40	30	30	100	0	0	1	1
5	ECP0704[P]	Evaluation of Industrial Training-III	0	0	0	40	30	30	100	0	0	2	2
6		Elective4.	40	30	30	0	0	0	100	3	1	0	4
7		Elective3.	40	30	30	0	0	0	100	3	1	0	4
8		Elective2.	40	30	30	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				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0825[T]	Optical Fiber Communication	40	30	30	0	0	0	100	2	1	0	3
2	ECL0826[T]	VLSI Design	40	30	30	0	0	0	100	2	1	0	3
3	ECD0805[P]	Major Project-II	0	0	0	40	30	30	100	0	0	8	8
4	ECL0825[P]	Optical Fiber Communication	0	0	0	40	30	30	100	0	0	1	1
5	ECL0826[P]	VLSI Design	0	0	0	40	30	30	100	0	0	1	1
6		Elective6.	40	30	30	0	0	0	100	3	1	0	4
7		Elective5.	40	30	30	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