



STUDY AND EVALUATION SCHEME (2022-2023)

SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS

rogram:BTech(ElectricalEngineering)

Semester:1st

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			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]	Fundamental Mathematics	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]	Fundamental Mathematics	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



STUDY AND EVALUATION SCHEME (2022-2023)

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Programme: BTech(Electrical Engineering)

Semester: 2nd

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive 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 and global issues	40	30	30	0	0	0	100	2	0	0	2
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	3	0	0	3
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													25

Newly Added Courses



STUDY AND EVALUATION SCHEME (2022-2023)

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Programme: BTech(Electrical Engineering)

Semester: 3rd

.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	Progressive 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]	Architecture 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	ECL0303[P]	Semiconductor Devices	0	0	0	40	30	30	100	0	0	1	1
8	ECL0304[P]	Architecture of Smart IoT devices	0	0	0	40	30	30	100	0	0	1	1
9	ECL0306[P]	Digital Electronics	0	0	0	40	30	30	100	0	0	1	1
10	ECL0307[P]	Network Analysis & Synthesis	0	0	0	40	30	30	100	0	0	1	1
11	EET0302[P]	Industrial Training-I	0	0	0	40	30	30	100	0	0	2	2
Total Credits													24

Newly Added Courses



STUDY AND EVALUATION SCHEME (2022-2023)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

Programme: BTech(Electrical Engineering)

Semester: 4th

.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	ECL0411[T]	Analog Communication	40	30	30	0	0	0	100	3	1	0	4
2	ECL0460[T]	Wireless sensor networks & IOT	40	30	30	0	0	0	100	3	1	0	4
3	EEL0405[T]	Electrical Machines-I	40	30	30	0	0	0	100	3	1	0	4
4	EEL0406[T]	Power System-I	40	30	30	0	0	0	100	3	1	0	4
5	EEL0430[T]	Electrical Instrumentation	40	30	30	0	0	0	100	3	1	0	4
6	CSP0405[P]	Computer Programming Lab (PYTHON)	0	0	0	40	30	30	100	0	0	1	1
7	ECL0411[P]	Analog Communication	0	0	0	40	30	30	100	0	0	1	1
8	ECL0460[P]	Wireless sensor networks & IOT	0	0	0	40	30	30	100	0	0	1	1
9	EEL0405[P]	Electrical Machines-I	0	0	0	40	30	30	100	0	0	1	1
10	EEL0430[P]	Electrical Instrumentation	0	0	0	40	30	30	100	0	0	1	1
Total Credits													25

Newly Added Courses



STUDY AND EVALUATION SCHEME (2022-2023)

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Programme: BTech(Electrical Engineering)

Semester: 5th

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	ECL0515[T]	Advanced Microprocessors & Interfacing	40	30	30	0	0	0	100	3	1	0	4
2	EEL0507[T]	Electrical Machine-II	40	30	30	0	0	0	100	3	1	0	4
3	EEL0508[T]	Power System -II	40	30	30	0	0	0	100	3	1	0	4
4	EEL 0510[T]	Electromagnetic Field Theory	40	30	30	0	0	0	100	3	1	0	4
5	EEL 0542[T]	Renewable Energy Technology	40	30	30	0	0	0	100	3	0	0	3
6	ECL0515[P]	Advanced Microprocessors & Interfacing	0	0	0	40	30	30	100	0	0	1	1
7	EEL0507[P]	Electrical Machine-II	0	0	0	40	30	30	100	0	0	1	1
8	EEL 0542[P]	Renewable Energy Technology	0	0	0	40	30	30	100	0	0	1	1
9	EEP0502[P]	Electrical Engg. Simulation Lab I	0	0	0	40	30	30	100	0	0	2	2
10	EET0503[P]	Industrial Training-II	0	0	0	40	30	30	100	0	0	2	2
Total Credits													26

[Newly Added Courses](#)



STUDY AND EVALUATION SCHEME (2022-2023)

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Programme: BTech(Electrical Engineering)

Semester: 6th

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Progressive Evaluation	Internal Viva		L	T	P	
1	ECL0662	Machine Learning	40	30	30	0	0	0	100	3	1	0	4
2	EEL0612	Linear Control System	40	30	30	0	0	0	100	3	1	0	4
3	EEL0613	Power system-III	40	30	30	0	0	0	100	3	1	0	4
4	EEL0614	Power Electronics	40	30	30	0	0	0	100	3	1	0	4
5	EEL0615	High Voltage Engineering	40	30	30	0	0	0	100	3	0	0	3
6	EED0603	Mini Project	0	0	0	40	30	30	100	0	0	1	1
7	EEL0612	Linear Control System	0	0	0	40	30	30	100	0	0	1	1
8	EEL0613	Power system-III	0	0	0	40	30	30	100	0	0	1	1
9	EEL0614	Power Electronics	0	0	0	40	30	30	100	0	0	1	1
10	EEL0603	Electrical Engineering Simulation Lab-II	0	0	0	40	30	30	100	0	0	1	1
Total Credits													24

Newly Added Courses



STUDY AND EVALUATION SCHEME (2022-2023)

(SUBJECT-WISE DISTRIBUTION OF MARKS AND CORRESPONDING CREDITS)

rogramme:BTech(ElectricalEngineering)

Semester:7th

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	EEL0718[T]	Electric drives	40	30	30	0	0	0	100	3	1	0	4
2	EEL0719[T]	Computer aided protection	40	30	30	0	0	0	100	3	1	0	4
3	EEL0720[T]	Special electrical machine & design	40	30	30	0	0	0	100	3	1	0	4
4	EED0702	Major project-I	0	0	0	40	30	30	100	0	0	2	2
5	EEL0718	Electric drives	0	0	0	40	30	30	100	0	0	1	1
6	EEL0719	Computer aided protection	0	0	0	40	30	30	100	0	0	1	1
7	EEL0720	Special electrical machine & design	0	0	0	40	30	30	100	0	0	1	1
8	EET0704	Industrial training-III	0	0	0	40	30	30	100	0	0	2	2
9		Elective2.	40	30	30	0	0	0	100	3	1	0	4
10		Elective1.	40	30	30	0	0	0	100	3	1	0	4
Total Credits													27

[Newly Added Courses](#)



STUDY AND EVALUATION SCHEME (2022-2023)

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rogramme:BTech(ElectricalEngineering)

Semester:8th

.No.	Course Code	Course Name	Maximum Marks Allotted							Credits Allotted			Total Credit
			Theory			Practical			Total Marks				
			End Sem. Exam	Mid Sem. Exam	Class Participation	End Sem. Exam	Prograssive Evaluation	Internal Viva		L	T	P	
1	EEL0821[T]	Advanced Electrical Drives	40	30	30	0	0	0	100	3	1	0	4
2	EEL0822[T]	Utilization of Electrical Power	40	30	30	0	0	0	100	3	1	0	4
3	EED0804	Major Project	0	0	0	40	30	30	100	0	0	4	4
4	EEL0821	Advanced Electrical Drives	0	0	0	40	30	30	100	0	0	1	1
5		Elective4.	40	30	30	0	0	0	100	3	1	0	4
6		Elective3.	40	30	30	0	0	0	100	3	1	0	4
Total Credits													21

Newly Added Courses



List of Elective Subjects

Course Code	Course Name	Subject Type	Semester
701[T]	Calibration and testing of electrical equipments	Elective1.	7th
03[T]	SCADA systems and applications	Elective1 Theory	7th
04[T]	Power system reliability	Elective1 Theory	7th
702[T]	Electric Vehicle Technology	Elective2.	7th
05[T]	Advanced power system protection	Elective2 Theory	7th
06[T]	Power system reliability	Elective2 Theory	7th
307[T]	Advanced power system	Elective3	8th
08[T]	Generalized Theory of Electrical Machines	Elective3	8th
809[T]	Industrial Instrumentation	Elective3.	8th
10[T]	EHV AC and DC Transmission	Elective4	8th
11[T]	HVDC	Elective4	8th
812[T]	Renewable and non conventional energy systems	Elective4.	8th