

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
1 Sem.	MTL100	Engineering Mathematics-I	TH	CORE	1	Yes	No	No	No	No			50	100	4	A
1 Sem.	CSL100	Programming for Problem Solving	TH	CORE	2	Yes	No	No	No	No			50	100	2	A
1 Sem.	CML101	Engineering Chemistry	TH	CORE	3	Yes	No	No	No	No			50	100	4	A
1 Sem.	CEL100	Basic Civil Engineering	TH	CORE	4	Yes	No	No	No	No			50	100	2	A
1 Sem.	HUN101	Human Values & Professional Ethics	TH	CORE	5	No	No	No	Yes	No			0	0	2	A
1 Sem.	CMP100	Engineering Chemistry Lab	PR	CORE	6	Yes	No	No	No	No			50	25	1	A
1 Sem.	CEP100	Basic Civil Engineering Lab	PR	CORE	7	Yes	No	No	No	No			50	25	1	A
1 Sem.	CEP102	Computer Aided Engineering Graphics	PR	CORE	8	Yes	No	No	No	No			50	25	1	A
1 Sem.	MEP101	Product Realization through Manufacturing	PR	CORE	9	Yes	No	No	No	No			50	25	1	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
1 Sem.	HUN111	Human Values Lab	PR	CORE	10	No	No	No	Yes	No			0	0	1	A
1 Sem.	SAN101	Induction Program	PR	CORE	11	No	No	No	Yes	No			0	0	0.5	A
1 Sem.	CSP100	Programing Lab	PR	CORE	12	Yes	No	No	No	No			50	25	1	A
1 Sem.	SAA100	SODECA (Anandam)	PR	CORE	13	No	No	No	No	No			100	0	0.5	A
2 Sem.	MTL101	Engineering Mathematics-II	TH	CORE	1	Yes	No	No	No	No			50	100	4	A
2 Sem.	CSL101	Data Analysis & AI Using Python	TH	CORE	2	Yes	No	No	No	No			50	100	2	A
2 Sem.	PYL100	Engineering Physics	TH	CORE	3	Yes	No	No	No	No			50	100	4	A
2 Sem.	MEL100	Basic Mechanical Engineering	TH	CORE	4	Yes	No	No	No	No			50	100	2	A
2 Sem.	HUN102	Communication Skills	TH	CORE	5	No	No	No	Yes	No			0	0	2	A

APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
2 Sem.	PYP100	Engineering Physics Lab	PR	CORE	6	Yes	No	No	No	No			50	25	1	A
2 Sem.	MEP100	Basic Mechanical Engineering Lab	PR	CORE	7	Yes	No	No	No	No			50	25	1	A
2 Sem.	MEP102	Computer Aided Machine Drawing	PR	CORE	8	Yes	No	No	No	No			50	25	1	A
2 Sem.	EIP200	Skill Development Laboratory	PR	CORE	9	Yes	No	No	No	No			50	25	1	A
2 Sem.	HUN112	Language Lab	PR	CORE	10	No	No	No	Yes	No			0	0	1	A
2 Sem.	TPN101	Club activity	PR	CORE	11	No	No	No	Yes	No			0	0	0.5	A
2 Sem.	CSP101	Python Lab	PR	CORE	12	Yes	No	No	No	No			50	25	1	A
2 Sem.	SAA100	SODECA (Anandam)	PR	CORE	13	No	No	No	No	No			100	0	0.5	A
3 Sem.	CEL 101	Environmental Science	TH	CORE	1	Yes	No	No	No	No			50	100	2	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
3 Sem.	HUL201	General Studies	TH	CORE	2	Yes	No	No	No	No			50	100	2	A
3 Sem.	EIL101	Digital System Design	TH	CORE	3	No	Yes	No	No	No			50	100	3	A
3 Sem.	EIL102	Electronics Measurement & Instrumentation	TH	CORE	4	No	Yes	No	No	No			50	100	3	A
3 Sem.	EIL103	Network Theory	TH	CORE	5	No	Yes	No	No	No			50	100	3	A
3 Sem.	EIL104	Electronics Devices	TH	CORE	6	No	Yes	No	No	No			50	100	3	A
3 Sem.	EIP104	Electronics Devices Lab	PR	CORE	7	No	Yes	No	No	No			50	25	1	A
3 Sem.	EIP101	Digital System Design Lab	PR	CORE	8	No	Yes	No	No	No			50	25	1	A
3 Sem.	EIP102	Electronics Measurement & Instrumentation Lab	PR	CORE	9	No	Yes	No	No	No			50	25	1	A
3 Sem.	EIP108	Computer Programming & Data Structure Lab	PR	CORE	10	No	Yes	No	No	No			50	25	1	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
3 Sem.	TPN102	Soft Skill Development -1	PR	CORE	11	No	No	No	Yes	No			0	0	1	A
3 Sem.	SAA100	SODECA (Anandam)	PR	CORE	12	No	No	No	No	No			100	0	0.5	A
4 Sem.	MTL210	Advanced Mathematics (EIC)	TH	CORE	1	Yes	No	No	No	No			50	100	4	A
4 Sem.	HUL202	Economics and Financial Management	TH	CORE	2	Yes	No	No	No	No			50	100	3	A
4 Sem.	EIL201	Analog Circuits	TH	CORE	3	No	Yes	No	No	No			50	100	3	A
4 Sem.	EIL202	Signal & Systems	TH	CORE	4	No	Yes	No	No	No			50	100	3	A
4 Sem.	EIL203	Microcontrollers	TH	CORE	5	No	Yes	No	No	No			50	100	3	A
4 Sem.	EIL204	Analog and Digital Communication	TH	CORE	6	No	Yes	No	No	No			50	100	3	A
4 Sem.	EIL241	Introduction to Instrumentation System and Transducer	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
4 Sem.	EIL242	Linear Integrated Circuits	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	3	A
4 Sem.	EIL243	Industrial Automation	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	3	A
4 Sem.	EIP204	Analog and Digital Communication Lab	PR	CORE	8	No	Yes	No	No	No			50	25	1	A
4 Sem.	EIP201	Analog Circuits Lab	PR	CORE	9	No	Yes	No	No	No			50	25	1	A
4 Sem.	EIP203	Microcontrollers Lab	PR	CORE	10	No	No	No	No	No			50	25	1	A
4 Sem.	EIP202	Signal Processing Lab	PR	CORE	11	No	No	No	No	No			50	25	1	A
4 Sem.	TPN103	Soft Skill Development -2	PR	CORE	12	No	No	No	Yes	No			0	0	1	A
4 Sem.	SAA100	SODECA (Anandam)	PR	CORE	13	No	No	No	No	No			100	0	0.5	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
4 Sem.	EIL293	Pattern Recognition & Machine Learning	TH	CORE	14	No	No	No	No	No	Control & Instrumentation		50	100	3	A
4 Sem.	EIP293	Pattern Recognition & Machine Learning Lab	PR	CORE	15	No	No	No	No	No	Control & Instrumentation		50	25	1	A
4 Sem.	EIL291	Industrial Instrumentation	TH	CORE	16	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
4 Sem.	EIP291	Electronics Instrumentation Lab	PR	CORE	17	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	25	1	A
4 Sem.	EIL292	Electronics Devices	TH	CORE	18	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	100	3	A
4 Sem.	EIP292	Electronics Devices Lab	PR	CORE	19	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	25	1	A



SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
5 Sem.	HUL203	Indian Constitution	TH	CORE	1	Yes	No	No	No	No			50	100	2	A
5 Sem.	EIL301	Digital Signal Processing	TH	CORE	2	No	Yes	No	No	No			50	100	3	A
5 Sem.	EIL302	Sensors And Transducers	TH	CORE	3	No	Yes	No	No	No			50	100	3	A
5 Sem.	EIL303	Control system-I	TH	CORE	4	No	Yes	No	No	No			50	100	3	A
5 Sem.	EIL304	Biomedical Instrumentation	TH	CORE	5	No	Yes	No	No	No			50	100	3	A
5 Sem.	EIL351	Control System Component	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	3	A
5 Sem.	EIL352	Computer Network	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	3	A
5 Sem.	EIL353	Probability theory & Stochastic process	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	3	A
5 Sem.	EIL354	Optical Instrumentation	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
5 Sem.	EIL356	Basic Biomedical Engineering	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	3	A
5 Sem.	EIL357	Measurement And Instrumentation	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	3	A
5 Sem.	EIL358	SMART AGRICULTURE	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	3	A
5 Sem.	EIP302	Transducer Lab	PR	CORE	8	No	Yes	No	No	No			50	25	1	A
5 Sem.	EIP304	Biomedical Instrumentation Lab	PR	CORE	9	No	Yes	No	No	No			50	25	1	A
5 Sem.	EIP303	Control Lab	PR	CORE	10	No	Yes	No	No	No			50	25	1	A
5 Sem.	EIN201	Seminar-1	PR	CORE	11	No	No	No	Yes	No			0	0	1	A
5 Sem.	EIT301	Industrial training (45 days)	PR	CORE	12	No	No	No	No	No			50	25	2	A
5 Sem.	SAA100	SODECA (Anandam)	PR	CORE	13	No	No	No	No	No			100	0	0.5	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
5 Sem.	EIL395	Analog Modeling and Simulation with SPICE	TH	CORE	14	No	No	No	No	No	Control & Instrumentation		50	100	3	A
5 Sem.	EIP395	Analog Modeling and Simulation Lab	PR	CORE	15	No	No	No	No	No	Control & Instrumentation		50	25	1	A
5 Sem.	EIL391	Biomedical Engineering & Technology	TH	CORE	16	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
5 Sem.	EIP391	Biomedical Engineering & Technology Lab	PR	CORE	17	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	25	1	A
5 Sem.	EIL393	Digital System Design	TH	CORE	18	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	100	3	A
5 Sem.	EIP393	Digital System Design Lab	PR	CORE	19	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	25	1	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
6 Sem.	EIL311	Power Electronics	TH	CORE	1	No	Yes	No	No	No			50	100	3	A
6 Sem.	EIL312	Industrial Instrumentation	TH	CORE	2	No	Yes	No	No	No			50	100	3	A
6 Sem.	EIL313	Control System II	TH	CORE	3	No	Yes	No	No	No			50	100	3	A
6 Sem.	EIL314	Process Control System	TH	CORE	4	No	Yes	No	No	No			50	100	3	A
6 Sem.	EIL315	Neural Networks And Fuzzy Logic Control	TH	CORE	5	No	Yes	No	No	No			50	100	4	A
6 Sem.	EIL361	Control System Design	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	4	A
6 Sem.	EIL362	Embedded System Design	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	4	A
6 Sem.	EIL363	Robotics	TH	ELECTIVE	6	No	No	Yes	No	No			50	100	4	A
6 Sem.	EIL366	Process Control System	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	4	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
6 Sem.	EIL367	Industrial Instrumentation	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	4	A
6 Sem.	EIL368	Neural Network And Fuzzy Logic Controller	TH	ELECTIVE	7	No	No	No	No	Yes			50	100	4	A
6 Sem.	EIP317	Electronics Instrumentation Lab	PR	CORE	8	No	Yes	No	No	No			50	25	1	A
6 Sem.	EIP313	Control System Simulation Lab	PR	CORE	9	No	Yes	No	No	No			50	25	1	A
6 Sem.	EIP314	Process Control Lab	PR	CORE	10	No	Yes	No	No	No			50	25	1	A
6 Sem.	EIP311	Power Electronics Lab	PR	CORE	11	No	Yes	No	No	No			50	25	1	A
6 Sem.	EIN202	Seminar-2	PR	CORE	12	No	No	No	Yes	No			0	0	1	A
6 Sem.	SAA100	SODECA (Anandam)	PR	CORE	13	No	No	No	No	No			100	0	0.5	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
6 Sem.	EIL396	Introduction to IOT	TH	CORE	14	No	No	No	No	No	Control & Instrumentation		50	100	3	A
6 Sem.	EIP396	IOT Lab	PR	CORE	15	No	No	No	No	No	Control & Instrumentation		50	25	1	A
6 Sem.	EIL392	Modern Control System	TH	CORE	16	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
6 Sem.	EIP392	Modern Control System Lab	PR	CORE	17	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	25	1	A
6 Sem.	EIL394	Control System	TH	CORE	18	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	100	3	A
6 Sem.	EIP394	Control Lab	PR	CORE	19	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	25	1	A



SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
7 Sem.	EIL401	Distributed Control System	TH	CORE	1	No	Yes	No	No	No			50	100	4	A
7 Sem.	EIL402	Nonlinear Control System	TH	CORE	2	No	Yes	No	No	No			50	100	3	A
7 Sem.	EIL403	Digital Control	TH	CORE	3	No	Yes	No	No	No			50	100	3	A
7 Sem.	EIL471	Digital Image And Video Processing	TH	ELECTIVE	4	No	No	Yes	No	No			50	100	4	A
7 Sem.	EIL472	Network Control System	TH	ELECTIVE	4	No	No	Yes	No	No			50	100	4	A
7 Sem.	EIL473	Analytical & Environmental Instrumentation	TH	ELECTIVE	4	No	No	Yes	No	No			50	100	4	A
7 Sem.	EIL474	Process Modelling & Optimization	TH	ELECTIVE	5	No	No	Yes	No	No			50	100	4	A
7 Sem.	EIL475	Fault Detection & Diagnosis	TH	ELECTIVE	5	No	No	Yes	No	No			50	100	4	A
7 Sem.	EIL476	Distributed Control System	TH	ELECTIVE	6	No	No	No	No	Yes			50	100	4	A

APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
7 Sem.	EIL477	Optical Instrumentation	TH	ELECTIVE	6	No	No	No	No	Yes			50	100	4	A
7 Sem.	EIL478	Digital Image Processing	TH	ELECTIVE	6	No	No	No	No	Yes			50	100	4	A
7 Sem.	EIP407	Real Time Control Lab	PR	CORE	7	No	Yes	No	No	No			50	25	1	A
7 Sem.	EID411	Project Part-1	PR	CORE	8	No	Yes	No	No	No			50	25	4	A
7 Sem.	EIT302	Industrial training (60 days)	PR	CORE	9	No	No	No	No	No			50	25	3	A
7 Sem.	SAA100	SODECA (Anandam)	PR	CORE	10	No	No	No	No	No			100	0	0.5	A
7 Sem.	EIL496	Control System Design	TH	CORE	11	No	No	No	No	No	Control & Instrumentation		50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
7 Sem.	EIP496	Control System Design Lab	PR	CORE	12	No	No	No	No	No	Control & Instrumentation		50	25	1	A
7 Sem.	EID413	Minor project	PR	CORE	13	No	No	No	No	No	Control & Instrumentation		50	25	4	A
7 Sem.	EIL491	Process Control System	TH	CORE	14	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
7 Sem.	EIP491	Process Control Lab	PR	CORE	15	No	No	No	No	No		Electronics Instrumentation and Control (For Circuit Branches)	50	25	1	A
7 Sem.	EID414	Minor Project	PR	CORE	16	No	No	No	No	No		Electronics & Communication Engineering (For Circuit Branches)	50	25	4	A
7 Sem.	EIL495	Industrial Instrumentation	TH	CORE	17	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
7 Sem.	EIP495	Electronics Instrumentation Lab	PR	CORE	18	No	No	No	No	No		Electronics Instrumentation and Control (For Non-Circuit Branches)	50	25	1	A
7 Sem.	EID415	Minor Project	PR	CORE	19	No	No	No	No	No		Electronics & Communication Engineering (For Non-Circuit Branches)	50	25	4	A
8 Sem.	HUL204	Innovation & Entrepreneurship	TH	CORE	1	Yes	No	No	No	No			50	100	3	A
8 Sem.	EIL481	MEMS & Nano Technology	TH	ELECTIVE	2	No	No	Yes	No	No			50	100	3	A
8 Sem.	EIL482	Artificial Intelligence And Expert Systems	TH	ELECTIVE	2	No	No	Yes	No	No			50	100	3	A

SCHEME : ELECTRONICS INSTRUMENTATION & CONTROL (I to VIII SEM) APPLICABLE FOR STUDENTS ADMITTED IN 2020-21 AND ONWARDS																
Year/Sem	Course Code	Subject Name	Type	CORE/ELECTIVE	Group	IC	DC	DE	Non-Graded	OC	Dep.Spec.	Minor.Spec.	Max Marks Internal	Max Marks External	Credit /Unit	Programme-Option
8 Sem.	EIL483	Software Design Tools For Sensing And Control	TH	ELECTIVE	2	No	No	Yes	No	No			50	100	3	A
8 Sem.	EID412	Project Part-2	PR	CORE	3	No	Yes	No	No	No			50	25	6	A
8 Sem.	SAA100	SODECA (Anandam)	PR	CORE	4	No	No	No	No	No			100	0	0.5	A
8 Sem.	HUL205	EQUIVALENT MOOC OF Innovation & Entrepreneurship	TH	CORE	5	Yes	No	No	No	No			50	100	3	B
8 Sem.	SAA100	SODECA (Anandam)	PR	CORE	6	No	No	No	No	No			100	0	0.5	B
8 Sem.	EID413	INTERNSHIP	PR	CORE	7	No	Yes	No	No	No			50	25	10	B