

Scheme	Semester	Branch	Subject Code	Subject Name	Equivalent Course Under 2022 scheme	
					Sub Code	Subject Name
2021	3	EI	21EI32	Analog Electronic Circuits	BEI302	Analog Electronic Circuits
2021	3	EI	21EI33	Digital Design and HDL	BEI303	Digital Design and HDL
2021	3	EI	21EI34	Measurement and Transducers	BEI304	Measurement and Transducers
2021	3	EI	21EIL35	Measurement and Transducers Lab	BEIL305	Measurement and Transducers Lab
2021	3	EI	21SCR36	Social Connect and Responsibility	BSCK307	Social Connect and Responsibility
2021	3	EI	21EI381	Static & Dynamic characteristics and error analysis in Instrumentation systems	BEI358A	Static & Dynamic Characteristics and Error Analysis in Instrumentation Systems
2021	3	EI	21EI382	Network Analysis	BEI358B	Network Analysis
2021	3	EI	21EI383	Digital Design Lab using Pspice / multiSIM	BEI358C	Digital Design Lab using Pspice / MultiSIM
2021	3	EI	21EI384	AEC Lab using Pspice/ multiSIM	BEI358D	AEC Lab Using Pspice /Multisim / Comsol
2021	3	EI	21MATDIP31	Additional Mathematics - I		No Subject Equivalent in 2022 Scheme
Scheme	Semester	Branch	Subject Code	Subject Name		
2021	4	EI	21MAT41	Complex Analysis,Probability and Statistical Methods		No Subject Equivalent in 2022 Scheme
2021	4	EI	21EI42	Embedded Controllers	BEI402	Embedded Controllers
2021	4	EI	21EI43	Java Programming	BBM403	Java Programming
2021	4	EI	21EI44	Signal Conditioning and Data Acquisition Circuits	BEI401	Signal Conditioning and Data Acquisition Circuits
2021	4	EI	21BE45	Biology for Engineers	BBOK407	Biology For Engineers
2021	4	EI	21EIL46	Signal Conditioning and Data Acquisition Circuits Lab	BEIL404	Signal Conditioning and Data Acquisition Circuits Lab
2021	4	EI	21EI481	Programming in MATLAB	BEI456A	Programming in MATLAB / SCILAB
2021	4	EI	21EI482	Virtual Instrumentation Using Lab View	BEI456B	Virtual Instrumentation using LabView
2021	4	EI	21EI483	Signal Conditioning Lab Using Pspice/MultiSIM		No Subject Equivalent in 2022 Scheme
2021	4	EI	21UH49	Universal Human Values	BUHK408	Universal Human Values Course
2021	4	EI	21INT49	Inter/Intra Institutional Internship		No Subject Equivalent in 2022 Scheme
2021	4	EI	21MATDIP41	Additional Mathematics - II		No Subject Equivalent in 2022 Scheme
Scheme	Semester	Branch	Subject Code	Subject Name		
2021	5	EI	21EI51	Process Instrumentation	BEI502	Process Instrumentation
2021	5	EI	21EI52	Fundamentals of Signals and DSP	BEI503	Digital Signal Processing
2021	5	EI	21EI53	ARM Processor	BEI601	ARM Processors
2021	5	EI	21EI54	Control Systems	BEI403	Control Systems
2021	5	EI	21EIL55	ARM Processor Lab		Lab Programs matches with IPCC subject - BEI601
2021	5	EI	21RMI56	Research Methodology & Intellectual Property Rights	BRMK557	Research Methodology and IPR
2021	5	EI	21CIV57	Environmental Studies	BESK508	Environmental Studies
2021	5	EI	21EI581	Arduino and Raspberry Pi Lab	BEI456D	Arduino UNO Programming
2021	5	EI	21EI582	Internet of Things		No Subject Equivalent in 2022 Scheme
2021	5	EI	21EI583	Octave/Scilab for Signal Analysis Lab		No Subject Equivalent in 2022 Scheme
2021	5	EI	21EI584	OpenPLC / Ladder Diagram Programming Lab		No Subject Equivalent in 2022 Scheme
Scheme	Semester	Branch	Subject Code	Subject Name		
2021	6	EI	21EI61	Technological Innovation Management & Entrepreneurship	BEI501	Technological Innovation Management & Entrepreneurship
2021	6	EI	21EI62	Process Control Systems	BEI602	Process Control Systems

2021	6	EI	21EI63	PLC, DCS and SCADA in Process Automation	BEI701	PLC, DCS and SCADA in process automation
2021	6	EI	21EI641	Scientific and Analytical Instrumentation	BEI654C	Scientific and Analytical Instrumentation
2021	6	EI	21EI642	Analog and Digital Communication Systems		<b>No Subject Equivalent in 2022 Scheme</b>
2021	6	EI	21EI643	VLSI Design	BEI702	VLSI Design
2021	6	EI	21EI644	Computer Communication Networks	BEI515D	Computer Communication Networks
2021	6	EI	21EI645	Robotics and Automation	BEI613A	Robotics and Automation
2021	6	EI	21EI651	Measurements,Instrumentation and Transducers	BEI654A	Measurement Instrumentation and Transducers
2021	6	EI	21EI652	Analytical Instrumentation	BEI654C	Scientific and Analytical Instrumentation
2021	6	EI	21EI653	Optical Instrumentation	BEI654B	Optical Instrumentation
2021	6	EI	21EI654	Avionics and Aircraft Instrumentation	BEI755C	Avionics and Aircraft Instrumentation
2021	6	EI	21EIL66	Process Control and Virtual Instrumentation Lab	BEIL606	Process Control and Virtual Instrumentation Lab
2021	6	EI	21EIMP67	Mini Project	BEE586	Mini Project
2021	6	EI	21INT68	Societal Internship		<b>No Subject Equivalent in 2022 Scheme</b>