

B.E. Instrumentation & Control Engineering

Subject List

Semester	Subject Code	Subject Name	
Semester 1	ICE 101	Humanities	Humanities
	ICE 102	Mathematics 1	Humanities
	ICE 103	Physics 1	Humanities
	ICE 104	Chemistry	Humanities
	ICE 105	Manufacturing Processes	Applied
Semester 2	ICE 111	Principles of Electrical Engineering	Core
	ICE 112	Applied Mechanics	Applied
	ICE 113	Mathematics 2	Humanities
	ICE 114	Introduction to Programming	Core
	ICE 115	Physics of Materials	Humanities
Semester 3	ICE 201	Electronics 1	Core
	ICE 202	Circuits & Systems	Core
	ICE 203	Power Apparatus	Core
	ICE 204	Electrical Analogies & Measuring Techniques	Core
	ICE 205	Mathematics 3	Humanities
Semester 4	ICE 211	Electronics 2	Core
	ICE 212	Fluid Mechanics & Thermodynamics	Applied
	ICE 213	Electronic Instruments & Measuring Techniques	Core
	ICE 214	Computer Graphics	Applied
	ICE 215	Transducers & Components	Core
Semester 5	ICE 301	Analog & Digital Communication	Applied
	ICE 302	Industrial & Analytical Instruments	Core
	ICE 303	Digital Integrated Circuits 1	Core
	ICE 304	Linear Integrated Circuits 1	Core
	ICE 305	Industrial Organization & Managerial Economics	Applied
Semester 6	ICE 311	Microprocessor	Core
	ICE 312	Computer Aided Design	Applied
	ICE 313	Industrial Electronics	Core
	ICE 314	Control Systems 1	Core
	ICE 315	Telemetry & Data Transmission	Core