ESHAN COLLEGE OF ENGINEERING, FARAH, MATHURA

Target Level PO, PSOs of all Courses of B.Tech Electrical Engineering

Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
KOE038	Electronics Engineering	2.6	2.4	2.6	3									2	
KAS302	Maths IV	2.8	1.4	2.2	1									2	
KAS301	Technical Communication										3		1		
KVE301	Universal Human Values						3	1	3				2	2	
KEE301	Electromagnetic Field Theory	3	2.2	2	2									2	1
KEE302	Electrical Measurements & Instrumentation	2.4	2.2	2	2.4	2								2	1
KEE303	Basic Signals & Systems	2.8	2.4	2.2	2.4	2								2	1
KEE351	Analog Electronics Lab		2.2	3	3	3				2				2	2
KEE352	Electrical Measurements and Instrumentation Lab		3	3	3	3				2				2	2
KEE353	Electrical Workshop		3	3	3	3				2				3	2
KEE354	Mini Project or Internship Assessment		3	3	3					2		3	1	3	2
KNC301	Computer System Security					2	2		2				1	3	2
KNC302	Python Programming					3							2	3	2
KOE034	Sensor and Instrumentation	1.6	3	3	3	3								3	2
KOE035	Basics Data Structure and Algorithms	2.6	2.4	2.4	2.4	3								3	2
KOE036	Introduction to Soft Computing	2	3	2.2	2.4	3								3	2
KOE037	Analog Electronics Circuits	2.4	2.4	2.6	2.4	3								3	2
KAS402	Maths IV	3	1	3	1										
KVE401	Universal Human Values						2	1	3				2		
KAS401	Technical Communication					3					3		1		
KEE401	Digital Electronics	2.6	2.6	2.4	2.6	3								3	2

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KEE402	Electrical Machines-I	1	3	3	3	3								3	2
KEE403	Networks Analysis & Synthesis	1	3	3	3	3								3	2
KEE451	Circuit and Simulation Lab		2.8	2.6	2.4	3				2			1	3	2
KEE452	Electrical Machines - I Lab		3	3	3	3				2			1	3	2
KEE453	Digital Electronics Lab		2	2.6	2.4	3				2			1	3	2
KNC402	Python Programming		1.6	1.8	2.6	3									
KNC401	Computer System Security					3			1						
KOE044	Sensor and Instrumentation	1	3	3	3	3								3	2
KOE045	Basics Data Structure and Algorithms	2	3	3	3	3								3	2
KOE046	Introduction to Soft Computing	1	3	3	3	3								3	2
KOE047	Analog Electronics Circuits	1	3	3	3	3								3	2
KOE048	Electronics Engineering	3	3	3	3	3								3	2
KEE501	Power System – I	3	3	3	3	2								3	2
KEE502	Control System	3	3	3	3	3								3	2
KEE503	Electrical Machines-II	1	3	2.6	3	3								3	2
KEE051	Robotics	3	3	3	3	3								3	2
KEE052	Sensors and Transducers	3	3	3	3	3								3	2
KEE053	Industrial Automation & Control	1	3	3	3	3								3	2
KEE054	Electrical Standards and Engineering Practices	3	3	3	3								2	3	2
KEE055	Optimization Techniques	3	3	3	3								2	3	2
KEE056	Neural Networks & Fuzzy Systems	3	3	3	3	3								3	2
KEE057	Digital Signal Processing	3	3	3	3	3								3	2
KEE058	Analog & Digital Communication	3	3	3	3	3								3	2
KEE551	Power System-I Lab		3	3	3	3							1	3	2
KEE552	Control System Lab		3	3	3	3							1	3	2
KEE553	Electrical Machines-II Lab		3	3	3	3							1	3	2
KEE554	Mini Project or Internship Assessment		3	3	3							3	2		
KNC501	Constitution of India, Law and Engineering						2	1	2				2		
KNC502	Indian Tradition, Culture and Society						2	1	2				2		

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KEE601	Power System-II	2.4	2	2.6	2									3	2
KEE602	Microprocessor and Microcontroller	1	2.6	2.2	2.6									3	2
KEE603	Power Electronics	1	2.2	2	2.6									3	2
KEE061	Special Electrical Machines	2	2.5	2.5	2.25									3	2
KEE062	Electrical Machine Design	3	2.5	3	2.75	3								3	2
KEE063	Digital Control System	3	2.8	3	2.8	2.8								3	2
KEE064	Electrical and Hybrid Vehicles	3	2.75	2.75	3									2.75	2
KEE651	Power System-II Lab		2.8	2.6	2.8	2.8				2				2.6	2
KEE652	Microprocessor and Microcontroller Lab		3	2.8	2.6	2.8				2				3	2
KEE653	Power Electronics Lab		3	3	3	2.67				2.00				2.67	2
KNC601	Constitution of India, Law and Engineering						2	1	2				2		
KNC602	Indian Tradition, Cultural and Society						2	1	2				2		
KOE060	Idea to Business Model									2		2	2		
KOE061	Real Time Systems	2.8	2.8	2.6	2.8	3								2.8	2
KOE062	Embedded System	2.6	2.6	2.8	2.8									2.8	2
KOE063	Introduction to MEMS	2.8	2.8	2.8	2.8	2.8								2.8	2
KOE064	Object Oriented Programming	2.4	2.8	2.8	2.8	3								3	2
KOE065	Computer based Numerical Techniques	2.6	3	2.6	2.6	2.6								2.6	2
KOE066	GIS & Remote Sensing	2.8	3	2.6	3									2.8	2
KOE067	Basics of Data Base Management System	2.4	2.6	2.8	2.6							2		2.8	2
KOE068	Software Project Management	2.4	2.6	2.6	2.8	3	2			1		3	1	3	2
KOE069	Understanding the Human Being Comprehensively – Human Aspirations and Its Fulfillment						2	1	3	1.5			1		
KHU701	Rural Development						2	2	1				1		
KHU702	Project Management & Entrepreneurship						1	1		2		3	2	2.8	2
KEE070	Advanced Micro processors & Micro Controllers	2.6	2.6	2.6	2.8									2.8	2
KEE071	Energy Conservation and Auditing	2.6	2.6	2.8	2.6		2	2						2.8	2
KEE072	HVDC & AC Transmission	2.8	2.6	2.6	2.6									2.8	2
KEE073	High Voltage Engineering	3	3	3	2.8									2.8	2
KEE074	Power Quality and Facts	3	2.6	2.8	2.6									2.6	2

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KEE075	Electric Drives	3	3	2.6	2.6									3	2
KEE076	Power System Dynamics and Control	2.6	2.8	2.6	2.4									2.4	2
KEE077	Power System Protection	2.8	2.8	2.8	2.6									2.8	2
KEE078	Deregulated Power System	2.6	3	3	3									3	2
KEE079	Utilization of Electrical Energy & Electric Traction	2.8	2.8	2.8	2.6									2.6	2
KEE751	Industrial Automation & PLC Lab		3	2.8	2.8	2.8								3	2
KEE752	Mini Project or Internship Assessment		2.6	2.6	3	2.8				2		3	1	2.8	2
KEE753	Project-I		2.6	2.8	3	2.8				2		3		2.8	2
KOE071	Filter Design	2	2.5	3	3									2.75	2
KOE072	Bioeconomics	1.8	3	3	3									2.8	2
KOE073	Machine Learning	2.2	3	2.6	2.6									2.8	2
KOE077	Design Thinking		3	3	3									2.6	2
KHU801	Rural Development						2	1	2				2	2.8	2
KHU802	Project Management & Entrepreneurship		2.8	3	2.6					2		3	2	2.8	2
KOE080	Fundamentals Of Drone Technology	3	2.75	3	2.75	3								3	2
KOE085	Quality Management		3	3	2.8							1	1	3	2
KEE851	Project II		2.6	2.8	2.8	2.8				2		3	2	3	2

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