

AEIE Elective Subjects

AEIE Elective Subjects			Academic year					
SEM	SUBJECT DOMAINS	No. of Students enrolled in & completed the course	2015-16	2016-17	2017-18	2018-19	2019-20	
ELECTIVES								
V	EI 503A	Optoelectronics & Fibre Optics	Elective	00	00	00	00	00
	EI 503B	Advanced Sensors	Elective	57	18	38	39	18
	EI 504A	Data Structures & Algorithms(CS)	Elective	00	00	00	00	00
	EI 504B	Data Base Management System(CS)	Elective	57	18	38	39	18
	EI 504C	Software Engineering(IT)	Elective	00	00	00	00	00
	EI 594A	Data Structures & Algorithms Lab(CS)	Elective	00	00	00	00	00
	EI 594B	DBMS Lab(CS)	Elective	57	18	38	39	18
	EI 594C	Software Engineering Lab(IT)	Elective	00	00	00	00	00
VI	EI 604A	Bio Medical Instrumentation	Elective	57	18	38	39	18
	EI 604B	Soft Computing	Elective	00	00	00	00	00
	EI 604C	Non Destructive Testing & Ultrasonic Instrumentation	Elective	00	00	00	00	00
	EI 605A	Digital Signal Processing(EC)	Elective	57	18	38	39	18
	EI 605B	Microwave Engineering(EC)	Elective	00	00	00	00	00
	EI 605C	Antenna Theory & Propagation(EC)	Elective	00	00	00	00	00
	EI 605D	Non Conventional Energy Sources	Elective	00	00	00	00	00
	EI 704A	Communication Theory	Elective	19	30	09	00	00
EI 704B	Microelectronics & VLSI Technology	Elective	18	27	09	36	41	
EI 704C	FPGA & Reconfigurable Computing	Elective	00	00	00	00	00	
EI 705A(CS)	Computer Networking	Elective	37	57	18	36	41	
EI 705B(IT)	Multimedia	Elective	00	00	00	00	00	
EI 705C(IT)	Internet Technology	Elective	00	00	00	00	00	
EI 794A	Communication Lab	Elective	19	30	09	00	00	

VII	EI 794B	Microelectronics & VLSI Technology Lab	Elective	18	27	09	36	41
	EI 794C	FPGA & Reconfigurable Computing Lab	Elective	00	00	00	00	00
	EI 795A(CS)	Computer Networking Lab	Elective	37	57	18	36	41
	EI795B(IT)	Multimedia Lab	Elective	00	00	00	00	00
	EI 795C(IT)	Internet Technology Lab	Elective	00	00	00	00	00
VIII	EI 801A	Power Electronics	Elective	37	27	08	36	41
	EI 801B	Industrial Drives	Elective	00	00	00	00	00
	EI 801C	Power Plant Instrumentation	Elective	00	30	10	00	00
	EI 802A(EC)	Mobile Communication	Elective	00	57	10	00	00
	EI 802B(EC)	Embedded Systems	Elective	00	00	00	00	00
	EI 802C(EC)/	Digital Image Processing	Elective	37	00	08	36	41
	EI 802D(CH)	Plant Automation	Elective	00	00	00	00	00
	EI 891A(EE)	Power Electronics Lab	Elective	37	27	08	36	41
	EI 891B(EE)	Industrial Drives Lab	Elective	00	00	00	00	00
EI 891C(EE)	Power Plant Instrumentation Lab	Elective	00	30	10	00	00	