College of Engineering

Department of Electrical and Electronics Engineering

Master in Electrical and Electronics Engineering

Course No.	Course Title	CH
EEG570	DIGITAL SIGNAL PROCESSING	3
EEG580	LINEAR SYSTEMS THEORY	3
MATHS501	ADVANCED ENGINEERING MATHEMATICS	3
EEG599	THESIS	9
Power and Energy conversion Systems (Elective) 18 CH		
EEG510	ADVANCED POWER SYSTEM ANALYSIS	3
EEG511	POWER SYSTEMS DYNAMICS	3
EEG512	POWER SYSTEMS OPERATION AND CONTROL	3
EEG513	ADVANCED POWER SYSTEM RELIABILITY	3
EEG514	DIGITAL POWER SYSTEM PROTECTION	3
EEG530	ADVANCED POWER ELECTRONICS	3
EEG531	POWER ELECTRONICS APPLICATIONS IN POWER SYSTEMS	3
EEG540	DYNAMIC ANALYSIS OF ELECTRICAL MACHINES	3
EEG542	ELECTROMAGNETIC DESIGN OF ELECTRICAL MACHINES	3
EEG543	ADVANCED CONTROL OF ELECTRIC DRIVES	3

Electronics and Communication Systems (Elective) 18 CH		
EEG560	ANALOG AND DIGITAL ELECTRONIC CIRCUITS	3
EEG564	DESIGN OF VLSI SYSTEMS	3
EEG565	MICRO AND NANO-ELECTRONICS DEVICES AND CIRCUITS	3
EEG566	ADVANCED RF CIRCUITS	3
EEG567	TRANSDUCER CIRCUITS	3
EEG574	DIGITAL COMMUNICATIONS	3
EEG575	SATELLITE COMMUNICATIONS	3
EEG576	MICROWAVE ENGINEERING	3
EEG577	WIRELESS COMMUNICATIONS	3
Digital and Control Systems (Elective) 18 CH		
EEG552	ADVANCED DIGITAL SYSTEM DESIGN	3
EEG553	COMPUTER INTERFACING	3
EEG554	COMPUTER VISION	3
EEG555	COMPUTER NETWORKS	3
EEG556	ADVANCED COMPUTER ARCHITECTURE	3
EEG581	INTELLIGENT CONTROL	3
EEG582	ROBUST MULTIVARIABLE CONTROL DESIGN	3
EEG583	BIOMEDICAL SYSTEMS AND APPLICATIONS	3
Total Credits		**36**