

List of Electives in E3&E4					
Course Code	Name of the Course	L	T&PS	P	Credits
E3 SEM1					
ELECTIVE 1					
EC3501	Digital Image Processing	2	2	0	4
EC3502	TV Engineering	2	2	0	4
EC3503	Telecommunication Switching and Networks	2	2	0	4
ELECTIVE 2					
EC3504	An Introduction to Electronics Systems Packaging	2	2	0	4
EC3505	Micro Electronics and Mechanical Systems	2	2	0	4
EC3506	Electrical & Eletronic Measuring Instruments	2	2	0	4
ELECTIVE 3					
EC3507	Digital signal Processors and architectures	2	2	0	4
EC3508	Satellite communiction systems	2	2	0	4
EC3509	Biomedical Instrumentation	2	2	0	4
E3 SEM2					
ELECTIVE 1					
EC3601	Microwave and RF Integrated Circuits	2	2	0	4
EC3602	Radar Communion	2	2	0	4
EC3603	Mobile communications	2	2	0	4
ELECTIVE 2					
EC3604	VLSI Design Verification and testing	2	2	0	4
EC3605	VLSI Design for DSP	2	2	0	4
EC3606	Low power VLSI circuits and Systems	2	2	0	4
ELECTIVE 3					
EC3607	Pattern recognition and Machine intelligence	2	2	0	4
EC3608	Multimedia Technology	2	2	0	4
EC3609	Embedded systems	2	2	0	4
E4 SEM1					
ELECTIVE 1					
EC4501	Optical Communications	2	2	0	4
EC4502	Digital VLSI Design	2	2	0	4
EC4503	Digital IC Design	2	2	0	4
EC4504	Artificial Neural networks	2	2	0	4
ELECTIVE 2					
EC4505	Adaptive signal Processing	2	2	0	4
EC4506	Biomedical signal processing	2	2	0	4
EC4507	Speech Processing	2	2	0	4
E4 SEM2					
ELECTIVE 1					
EC4601	Antenna engineering	2	2	0	4
EC4602	Random Processes and Time series analysis	2	2	0	4
EC4603	Statistical signal processing	2	2	0	4
ELECTIVE 2					

EC4604	Spread Spectrum Communications	2	2	0	4
EC4605	Information Theory and Coding	2	2	0	4
EC4606	Computer Networks	2	2	0	4