

## Department of Electronics and communication Engineering

### PhD courses

#### Core Courses

CODE	COURSE NAME	L	T	P	CR	CH
RP799:	Research and Publication Ethics	2	0	0	2	2
CS 704	Doctoral Research Methodology.	4	0	0	4	4


The above courses RP799 is centrally offered for entire SoE

The Course CS704 is offered by Computer science department.

#### Elective Courses

CODE	COURSE NAME	L	T	P	CR	CH
EL 703	Biomedical Signal Processing	3	0	0	3	3
EL 704	Bioinspired Systems and Engineering	3	0	0	3	3
BE 705	Advanced Bioelectronics Devices	3	0	0	3	3
BE 706	Neuroengineering	3	0	0	3	3
BE 707	Biomedical Image Processing	3	0	0	3	3
BE 708	Neuro-Fuzzy Systems	3	0	0	3	3
BE 709	Artificial Vision	3	0	0	3	3
EL 710	Analog and Digital Circuits	4	0	0	4	4
EL 713	Advanced Data Communication	4	0	0	4	4
EL 701	BIOMEMS and Nanotechnology:	3	0	0	3	3
EL 702	Intelligent Sensor Systems	3	0	0	3	3
EL 711	Microwave Devices, Circuits and Measurements	4	0	0	4	4
EL 712	Electromagnetic Theory and Antennas	4	0	0	4	4
EL 714	Signals and Circuits	3	0	0	3	3
EL 715	Sparse Representations in Signal and Image Processing	3	0	1	4	5
EL 716	Linear Algebra and Convex Optimization	3	0	0	3	3
EL 717	Digital Image Processing	3	0	1	4	5
EL 718	Machine Vision	3	0	1	4	5
EL719	Fundamentals of Hybrid and Electric Vehicles	4	0	0	4	4

  
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