

**Department of Electrical Engineering
Tezpur University**

Ph.D. Programme in Department of Electrical Engineering, 2020

COURSE STRUCTURE

(Prior to submission of plan of Research minimum 16 credits to be completed)

Code	Course name	L	T	P	CR	CH
EE 700	Seminar	0	0	1	1	2
Offered by ECE/ CSE /ME/EE*	Doctoral Research Methodology	4	0	0	4	4
EE 7**	Elective-I				4	
EE 7**/#	Elective-II/ Open Elective-I				4	
EE 7**/#	Elective-III/ Open Elective-II				4/3	
EE799	Research and Publication Ethics				2	
	Mandatory Credit				16	
EE 710	Ph. D. Research work and Thesis					

* Yet to be prepared

#Open Elective :At least Post graduate level open elective course as per the recommendation of the Doctoral committee

Core courses

Code	Course name	L	T	P	CR	CH
EE 700	Seminar	0	0	1	1	2
EE 702	Nonlinear Dynamics and Chaos	2	1	1	4	5
EE 703	Fractional Order Control System	2	1	1	4	5
EE 704	Transducer and Sensor Technology	2	1	1	4	5
EE 705	Embedded System and IOT	2	1	1	4	5
EE 708	Advanced Electrical drives	3	1	0	4	4
EE 709	Control techniques in Power Electronics	3	1	1	5	6
EE799	Research and Publication Ethics	2	0	0	2	2

Open Elective courses

Code	Course name	L	T	P	CR	CH
EL 703	Biomedical Signal Processing	3	0	0	3	3
BE 708	Neuro-Fuzzy Systems	3	0	0	3	3
BE 705	Advanced Bioelectronics Devices	3	0	0	3	3
EL 710	Analog and Digital Circuits	4	0	0	4	4
EL 714	Signals and Circuits	3	0	0	3	3
FT 710	Engineering Properties of Food and Biomaterials	2	1	1	4	5
CO503	Fuzzy Logic and Neural Networks	3	0	0	3	3


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