

Suggestive Study Path for Master Electrical Machines and Drives (FT)

	First Semester	Second Semester	Third Semester	Fourth Semester
Professional Core (PC) Total=52	EE51001: Advanced Control Systems(3+1+0)= 4 EE51002: Advanced Power Electronics(3+1+0)= 4 EE52001: Electrical Machine Modeling and Analysis (3+1+0)=4 EE52002: Power Electronics Lab (0+0+1)=1 EE52003: Seminar- I (0+0+1)=1 Total= 14	EE52004: Digital Signal Processing (3+1+0)=4 EE52005: Power Quality (3+1+0)=4 EE52006: Control of Electrical Drives(3+1+0)=4 EE52007: Electrical Drives Lab (0+0+1)=1 EE52008: Seminar-II (0+0+1)=1 Total= 14	EE62001: Dissertation-I (0+0+10)=10 Total= 10	EE62002: Dissertation-II (0+0+14)=14 Total= 14
Professional Electives (PE) Total=16	Elective-I=3+1+0=4 Total= 04	Elective-II (3+1+0)=4 Elective-III (3+1+0)=4 Elective-IV (3+1+0)=4 Total= 12		
Open Electives (OE) Total=04			Open Elective (3+1+0)=4 Total= 04	
Compulsory Foundation (CF) Total=04	Research Methodology (3+1+0)=4 Total= 04			
Total Credits=76	22	26	14	14

*List of Electives

Electives I, II, III and IV				
Group A	Group B	Group C	Group D	Group E
EE52009 Power System Reliability	EE52011 Industrial Automation & Control	EE52015 Special Machines	EE52019 Electric Traction	EE52020 Microcontroller and Its Application
EE52010 Reliability And Conditioning Monitoring	EE52012 Digital Control System	EE52016 Electrical Machine Design	EE51021 Illumination Engineering	EE52021 Engineering Materials
EE51014 Smart Grid Technology	EE52013 Optimal Control Systems	EE52017 Electrical Drives Application	EE51022 Wind Energy Systems	EE52022 Embedded Systems
	EE52014 Biomedical Instrumentation	EE52018 Electric Vehicle	EE51023 Solar Energy Systems	(CS XXXXX) Internet Of Things

