Donartmont	Core and Soft Skill Courses			
Department	Core and Soft Skill Courses			
Course No.	Course Title	Credits	Semester offered	Remarks
EE5110	Semiconductor Devices and Modeling	3	Odd	EE5181 changed to existing EE5110
EE5182	VLSI Technology	3	Odd	0 0
EE5183	Analog IC Design	3	Odd	
EE5193	CMOS Digital Design	3	Odd	Replacing EE5184: Intro to VLSI design
EE5172	Digital IC Design	2	Even	Course code changed from EE5186
EE5271	Digital IC Design Lab	1	Even	Course code changed from EE5187
EE5151	Analog IC Design Lab	1	Even	Course code changed from EE5188
LA5180	Communication Skills: Advanced		Odd	Course code changed from SSxxxx
EE5996	Industrial Lecture Series		Odd	Course code changed from SS5901
	Total Credits	18	-	Course cours ansariged from Course
	Total Ground			
Students m	ust complete 10 credits from department ele	ctives		Increased to 10 credits from 9 credits
				increased to 20 disease from 5 disease
List of elect	ive courses (more courses can be added)			
	Course Title	Credits		
EE5192	Integrated circuits for wireless communication	3		
EE6130	Computational Nanoelectronics	3		
EE6120	Nanoelectronics: Devices and Principles	3		
EE5520	Neuromorphic devices for AI/ML	3		
EE6440	Extreme Environment Physical Electronics	3		
EE5500	CMOS image sensor	2		
Thesis Cou	rses			
Course No.	Course Title		Semester offered	
EE5015	MTech RA Thesis Stage 1	2		Course code changed from EE6116
EE5025	MTech RA Thesis Stage 2	2		Course code changed from EE6126
EE5035	MTech RA Thesis Stage 3	4		Course code changed from EE6136
EE6045	MTech RA Thesis Stage 4	4		Course code changed from EE6146
EE6055	MTech RA Thesis Stage 5	4		Course code changed from EE6156
EE6065	MTech RA Thesis Stage 6	8		Course code changed from EE6166
	Total Credits	24		
Cummarı				
Summary:	Course Type	Credits		
	Department Core (Theory)	14		
	Department Core (Theory)	2		
		10		
	Department Electives Soft Skills	2		
	Thesis	24		
	111000			