

3 Year MTech(Micro) Curriculum - Aug		
Semester 1		
Course Code	Title	Credits
EE5107	Semiconductor Physical Electronics	2
EE5127	Analog IC Design	2
EE5128	Analog IC Design Lab	1
EE5147	Digital IC Design	2
EE5148	Digital IC Design Lab	1
EE5157	CMOS Processing and Wafer Technology	1
Total Course Credits in Semester		9
Semester 2		
EE5158	Advanced Digital IC Design	2
EE5149	VLSI Technology	2
EE5129	Advanced Analog IC Design	1
EE5159	Microfabrication and Device Simulation laboratory	2
EEXXXX	Thesis Stage 1	3
Total Course Credits in Semester		7
Semester 3		
EE5136	IC characterisation laboratory	2
EE5117	Microelectronic Device Physics	1
EE5137	Mixed Signal Circuit Design	1
EEXXXX	Electives	1
EEXXXX	Thesis Stage 2	4
Total Course Credits in Semester		5
Semester 4		
EE5138	Chips to system Design Laboratory	2
EE5168	Embedded Systems: Hardware Languages	1
EEXXXX	Thesis Stage 3	4
Total Course Credits in Semester		3
Semester 5		
EEXXXX	Electives	3
EEXXXX	Thesis Stage 4	4
Total Course Credits in Semester		3
Semester 6		
EEXXXX	Thesis Stage 5	9
Total Course Credits		27
Total Thesis Credits		24
Total Mtech Credits		51