

M.Tech(Electronics Design And Technology)Syllabus

This is AICTE approved four semesters (2 years) course. Every student has to register for the core subjects and electives as given below at the start of the Course

Semester I (Autumn)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	M101	Industrial Design of Electronic Equipment	3	0	2	4
2.	M102	Microcomputer System Design	3	0	2	4
3.	M103	Analog & Digital Systems	3	0	2	4
4.		Elective - 1	3	0	2	4
5.		Elective - 2	3	0	2	4
6.		Elective - 3	3	0	2	4
Total			18	0	12	24
ELECTIVES						
M104		Power Electronics				
M105		Instrumentation & Process Control				
M106		Software Engineering I				
M107		Optoelectronics and Optical Fibre Communication Devices				

Semester II (Spring)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
THEORY						
1.	M201	Project Feasibility Seminar	2	0	0	2
2.	M202	Advanced Microcomputer System Design	3	0	2	4
3.	M203	Physical Design of Electronic Equipment	3	0	2	4
4.		Elective - 4	3	0	2	4
5.		Elective - 5	3	0	2	4
6.		Elective - 6	3	0	2	4
Total			17	0	10	22
ELECTIVES						
M204	Agri Instrumentation & Control					
M205	Advanced Power Electronics					
M206	Software Engineering-II					
M207	Optoelectronics and Optical Fibre Communication System					

Semester III (Autumn)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
PROJECT WORK						
1.		PROJECT WORK and SEMINAR	0	0	32	16
TOTAL : 16 CREDITS						

Semester IV (Spring)

SL No.	COURSE CODE	COURSE TITLE	L	T	P	C
PROJECT WORK						
1.		PROJECT WORK and SEMINAR	0	0	36	18
TOTAL : 18 CREDITS						