

B.TECH (CSE, ECE, EEE & EI)

Semester - I									
Type	Code	Course Title	WCH			Credits			
THEORY									
BS	18BS1T01	Engineering Mathematics-I	3	0	0	3	0	0	
BS	18BS1T05/18BS1T06	Engg. Chemistry/Engg. Physics	3	0	0	3	0	0	
ES	18ES1T01/18ES1T02	Basic Electronics Engg/Basic Electrical Engg.	2	0	0	2	0	0	
ES	18ES1T03	Computer Programming	3	0	0	3	0	0	
HS	18HS1T01	Communicative & Technical English	3	0	0	3	0	0	
MC	18NC1T01/18NC1T02	Constitution of India/Environmental Sc. & Engg.	2	0	0	0	0	0	
PRACTICAL									
BS	18BS1L05/18BS1L02	Engg. Chemistry/Engg. Physics Lab	0	0	2	0	0	1	
ES	18ES1L04/18ES1L05	Manufacturing Practices/Engineering Graphics	0	0	2	0	0	1	
ES	18ES1L01/18ES1L02	Basic Electronics Engg/Basic Electrical Engg. Lab	0	0	2	0	0	1	
ES	18ES1L03	Computer Programming Lab	0	0	4	0	0	2	
HS	18HS1L01	Communicative & Technical English Lab	0	0	2	0	0	1	
SUB-TOTAL			16	0	12	14	0	6	
TOTAL			28			20			
Semester - II									
Type	Course Code	Course Title	WCH			Credits			
			L-T-P			L-T-P			
THEORY									
BS	18BS1T02	Engineering Mathematics-II	3	0	0	3	0	0	
BS	18BS1T05/18BS1T06	Engg. Chemistry/Engg. Physics	3	0	0	3	0	0	
ES	18ES1T01/18ES1T02	Basic Electronics Engg/Basic Electrical Engg.	2	0	0	2	0	0	
ES	18ES1T05	Data Structures & Algorithms	3	0	0	3	0	0	
MC	18NC1T01/18NC1T02	Constitution of India/Environmental Sc. & Engg.	2	0	0	0	0	0	
PRACTICAL									
BS	18BS1L05/18BS1L02	Engg. Chemistry/Engg. Physics Lab	0	0	2	0	0	1	
ES	18ES1L04/18ES1L05	Manufacturing Practices/Engineering Graphics	0	0	2	0	0	1	
ES	18ES1L01/18ES1L02	Basic Electronics Engg/Basic Electrical Engg. Lab	0	0	2	0	0	1	
ES	18ES1L06	Data Structures & Algorithms Lab	0	0	4	0	0	2	
SUB-TOTAL			13	0	10	11	0	5	
TOTAL			23			16			

MASTER IN COMPUTER APPLICATION

Semester - I										
Type	Course Code	Course Title	WCH			Credits				
			L	T	P					
THEORY										
BS	18MC1T01	Discrete Mathematics	3	1	0	3	1	0		
HS	18MC1T02	Engineering Economics	3	0	0	3	0	0		
ES	18MC1T03	Digital Electronics	3	0	0	3	0	0		
PC	18MC1T04	Problem Solving & Programming Using C	3	0	0	3	0	0		
PC	18MC1T05	Computer Organization & Architecture	3	0	0	3	0	0		
MC	18MC1T06	Professional Ethics & Values	2	0	0	0	0	0		
PRACTICAL										
PC	18MC1L01	C Programming Lab	0	0	6	0	0	3		
PC	18MC1L02	Computer Organization & Architecture Lab	0	0	2	0	0	1		
ES	18MC1L03	Digital Electronics Lab	0	0	2	0	0	1		
			SUB-TOTAL			17	1	10	15	1 5
			TOTAL			28		21		
Semester - II										
Type	Course Code	Course Title	WCH			Credits				
			L	T	P					
THEORY										
HS	18MC1T07	Financial Accounting	3	0	0	3	0	0		
BS	18MC1T08	Numerical Methods	3	0	0	3	0	0		
PC	18MC1T09	Data Structures Using C	3	0	0	3	0	0		
PC	18MC1T10	Graphics & Visual Computing	3	0	0	3	0	0		
PC	18MC1T11	OOP using C++	3	0	0	3	0	0		
PC	18MC1T12	Management Information Systems & Business Intelligence	3	0	0	3	0	0		
PRACTICAL										
PC	18MC1L04	Data Structures Using C Lab	0	0	4	0	0	2		
PC	18MC1L05	Graphics & Visual Computing Lab	0	0	2	0	0	1		
PC	18MC1L06	OOP using C++ Lab	0	0	2	0	0	1		
MC	18MC7L07	Yoga	0	0	2	0	0	0		
			SUB-TOTAL			18	0	10	18	0 4
			TOTAL			28		22		

M.TECH. IN COMPUTER SCIENCE & ENGINEERING

Semester - I										
Type	Course Code	Course Title	WCH L-T-P			Credits				
THEORY										
PC	18MS1T01	Mathematical Foundations for CS	3	0	0	3	0	0		
PC	18MS1T02	Adv. Data Structures & Algorithms	3	0	0	3	0	0		
PE	18MS2T03	Professional Elective-I	3	0	0	3	0	0		
PE	18MS2T04	Professional Elective-II	3	0	0	3	0	0		
CC	18MS1T05	Research Methodology & IPR	2	0	0	2	0	0		
AC	18MS8T06	Stress Management by Yoga	2	0	0	0	0	0		
PRACTICAL										
PC	18MS1L01	Adv. Data Structures and Algo. Lab	0	0	4	0	0	2		
PE	18MS2L02	Professional Elective Lab	0	0	4	0	0	2		
			SUB-TOTAL			16	0	8	14	0
			TOTAL			24		18		
Semester - II										
Type	Course Code	Course Title	WCH L-T-P			Credits				
THEORY										
PC	18MS1T07	Advanced Algorithms	3	0	0	3	0	0		
PC	18MS1T08	Soft Computing	3	0	0	3	0	0		
PE	18MS2T09	Professional Elective-III	3	0	0	3	0	0		
PE	18MS2T10	Professional Elective-IV	3	0	0	3	0	0		
AC	18MS8T11	English for Research Paper Writing	2	0	0	0	0	0		
PRACTICAL										
PC	18MS1L03	Adv. Algo & Soft Computing Lab	0	0	4	0	0	2		
PE	18MS2L04	Professional Elective Lab	0	0	4	0	0	2		
PJ	18MS6L05	Mini Project & Seminar	0	0	4	0	0	2		
			SUB-TOTAL			14	0	12	12	0
			TOTAL			26		18		

M.TECH. IN ELECTRONICS & COMMUNICATIONS ENGINEERING

Semester - I										
Type	Course Code	Course Title	WCH L-T-P			Credits				
THEORY										
PC	18ML1T01	Mathematical Foundations for Communication Engineering	3	0	0	3	0	0		
PC	18ML1T02	Wireless and Mobile Communication	3	0	0	3	0	0		
PE	18ML2T03	Professional Elective-I	3	0	0	3	0	0		
PE	18ML2T04	Professional Elective-II	3	0	0	3	0	0		
CC	18MS1T05	Research Methodology & IPR	2	0	0	2	0	0		
AC	18MS8T06	Stress Management by Yoga	2	0	0	0	0	0		
PRACTICAL										
PC	18ML1L01	Advanced Communication Lab	0	0	4	0	0	2		
PE	18ML2L02	IOT & Embedded systems design Lab	0	0	4	0	0	2		
			SUB-TOTAL			16	0	8	14	0
			TOTAL			24		18		
Semester - II										
Type	Course Code	Course Title	WCH L-T-P			Credits				
THEORY										
PC	18ML1T07	Analog and digital CMOS VLSI Design	3	0	0	3	0	0		
PC	18ML1T08	Advanced Digital Signal Processing	3	0	0	3	0	0		
PE	18ML2T09	Professional Elective-III	3	0	0	3	0	0		
PE	18ML2T10	Professional Elective-IV	3	0	0	3	0	0		
AC	18MS8T11	English for Research Paper Writing	2	0	0	0	0	0		
PRACTICAL										
PC	18ML1L03	VLSI and Digital system design lab	0	0	4	0	0	2		
PE	18ML2L04	Advanced Signal Processing Lab	0	0	4	0	0	2		
PJ	18ML6L05	Mini Project & Seminar	0	0	4	0	0	2		
			SUB-TOTAL			14	0	12	12	0
			TOTAL			26		18		