

Indian Institute of Information Technology Manipur

B Tech Course Structure

Semester I (common for CSE and ECE)						
Number	Course Name	L	T	P	C	
MA101	Mathematics I	3	1	0	8	
CS101	Computer Programming	3	1	0	8	
CS110	Computer Programming Lab	0	0	3	3	
EC101	Digital Design	3	1	0	8	
EC110	Digital Design Lab	0	0	3	3	
EC102	Electrical Circuit Analysis	3	1	0	8	
CS102	IT Workshop I	2	0	3	7	
HS101	English (Pass / Not Pass)	2	0	0	4	
	Total	16	4	9	49	
	Contact Hours / Week	29				

Semester II (common for CSE and ECE)						
Number	Course Name	L	T	P	C	
MA102	Mathematics II	3	1	0	8	
CS103	Data Structures	3	1	0	8	
CS111	Data Structures Lab	0	0	3	3	
CS104	Computer Organization	3	1	0	8	
EC103	Basic Electronic Circuits	3	1	0	8	
EC111	Basic Electronics Lab	0	0	3	3	
HS	HSS Course	3	0	0	6	
	Total	15	4	6	44	
	Contact Hours / Week	25				

Semester III (ECE)						
Number	Course Name	L	T	P	C	
MA203	Mathematics III	3	0	0	6	
EC201	Analog Circuits	3	1	0	8	
EC202	Analog Circuits Lab	0	0	3	3	
EC241	Signals and Systems	3	0	0	6	
EC242	Signals and Systems Lab	0	0	3	3	
CS231	Operating Systems	3	0	0	6	
CS232	Operating Systems lab	0	0	4	4	
SC201	Physics I	3	0	0	6	
HS	HSS Course	3	0	0	6	
	Total	18	1	10	48	
	Contact Hours / Week	29				

Semester IV (ECE)					
Number	Course Name	L	T	P	C
MA204	Mathematics IV	3	0	0	6
EC251	Principles of Communication	3	1	0	8
EC252	Communications Lab	0	0	3	3
EC243	Digital Signal Processing	3	0	0	6
EC244	Digital Signal Processing Lab	0	0	3	3
EC260	Semiconductor Devices	3	0	0	6
SC202	Chemistry	3	0	0	6
HS	HSS Course	3	0	0	6
	Total	18	1	6	44
	Contact Hours / Week	25			