

National Institute of Technology Silchar
Academic Section

Revised Course Structure for the B.Tech. (Third Semester) Program to be Adopted wef 2018-19 entry Batch

Civil Engineering					
Code	Course Name	L	T	P	C
CE 201	Mechanics of Materials	3	1	0	4
MA 201	Mathematics III	3	1	0	4
CE 202	Civil Engineering Material, Testing and Evaluation	3	0	0	3
CE 203	Introduction to Geo Sciences	3	0	0	3
CE 204	Surveying & Geomatics	3	1	0	4
CE 205	Fluid Mechanics	3	0	0	3
CE 211	Surveying & Geomatics Lab.	0	0	3	2
CE 212	Civil Engineering Materials, Testing and Evaluation Lab.	0	0	3	2
CE 213	Civil Engineering Drawing Lab.	0	0	3	2
Total Credits					27

Mechanical Engineering					
Code	Course Name	L	T	P	C
ME 201	Basic Thermodynamics	3	1	0	4
MA 201	Mathematics III	3	1	0	4
ME 202	Theory of Machines	3	1	0	4
ME 203	Fluid Mechanics - I	3	1	0	4
ME 204	Manufacturing Process	3	0	0	3
ME 205	Material Science	3	0	0	3
ME 211	Machine Drawing Lab	0	0	3	2
ME 212	Manufacturing Lab	0	0	3	2
ME 213	Thermo-Fluid Lab - I	0	0	3	2
Total Credits					28

Electrical Engineering					
Code	Course Name	L	T	P	C
EE 201	Signals and Systems	3	1	0	4
MA 201	Mathematics III	3	1	0	4
EE 202	Analog Electronics	3	1	0	4
EE 203	Energy Science and Technology	3	0	0	3
EE 204	Measuring Instruments and Measurement	3	1	0	4
EE 205	Electromagnetic Field Theory	3	1	0	4
EE 211	Programming and Simulation Lab	0	0	3	2
EE 212	Measurement Lab	0	0	3	2
EE 213	Analog Electronics Lab	0	0	3	2
Total Credits					29

Electronics & Communication Engineering					
Code	Course Name	L	T	P	C
EC 201	Electronic Devices	3	0	0	3
MA 201	Mathematics III	3	1	0	4
EC 202	Network Analysis & Synthesis	3	1	0	4
CS 201	Data Structure	3	1	0	4
EC 203	Analog Electronic Circuits	3	1	0	4
EC 204	Signals and Systems	3	1	0	4
EC 211	Circuit Theory Lab	0	0	3	2
EC 212	Analog Electronic Circuits Lab	0	0	3	2
CS 211	Data Structure Lab	0	0	3	2
Total Credits					29

Computer Science & Engineering					
Code	Course Name	L	T	P	C
CS 201	Data Structure	3	1	0	4
MA 201	Mathematics III	3	1	0	4
CS 202	Discrete Structures	3	1	0	4
EC 281	Electronic Circuits and Switching	3	1	0	4
CS 203	Microprocessor	3	1	0	4
CS 211	Data Structure Lab	0	0	3	2
CS 212	Microprocessor Lab	0	0	3	2
EC 286	Electronic Circuits and Switching Lab	0	0	3	2
Total Credits					26

Electronics & Instrumentation Engineering					
Code	Course Name	L	T	P	C
EI 201	Electrical & Electronic Measurements	3	1	0	4
MA 201	Mathematics III	3	1	0	4
EI 202	Analog Electronics	3	1	0	4
EI 203	Circuits & Networks	3	1	0	4
CS 201	Data Structure	3	1	0	4
EI 211	Measurement Lab	0	0	3	2
EI 212	Analog Electronics Lab	0	0	3	2
EI 213	Circuits & Networks Lab	0	0	3	2
CS 211	Data Structure Lab	0	0	3	2
Total Credits					28