CCE - B. Tech. (Hons.) – M. Tech. Dual Degree

Total credit = 220

Semester I

PHY 101	Physics I	4	
MTH 102	Mathematics I	4	
ECE 103	Electronics I	5	
CSE 104	Computer Programming	5	
ENG 105	English	5	23

Semester II

PHY 107	Physics II	4	
MTH108	Mathematics II	4	
ECE 109	Electronics II	5	
CSE 110	IT Workshop	3	
PHY 111	Environment and Ecology	3	
PHY112	Physics Lab	2	21

Semester III

MTH213	Mathematics-III	4	
ECE214	Digital Circuits and Systems	4	
CSE 215	Data Structures	4	
CSE 217	Data Structures Lab	2	
CSE 216	Computer Organisation and Architecture	4	
CSE 218	Computer Organization and Architecture Lab	2	
ECE215	ECE – I Lab (Digital Circuits and systems)	2	22

Semester IV

CSE 219	Discrete Mathematical Structures	4	
ECE219	Signals, Systems and Control	4	
ECE220	Principles of Communication	4	
MTH221	Probability Theory and Stochastic Processes	4	
	HSS Elective-I	4	
ECE223	ECE – II Lab	2	22
	(Analog Communication and Signal Processing)		

Semester V

ECE325	Digital Communication	4	
ECE326	Digital Signal Processing	4	
	HSS Elective-II	4	
	Science Elective – I	4	
	Program Elective - I	4	
ECE328	ECE – III Lab	2	22
	(Digital Communication and Digital Signal Processing)		

Semester VI

CSE332	Computer Networks	4	
CSE 333	Computer Networks Lab	2	
	Program Elective-II	4	
	Program Elective-III	4	
	Open Elective-I	4	
	HSS Elective-III	4	22

Semester VII

Program Elective-IV	4	
HSS Elective-IV	4	
Science Elective-II	4	
Open Elective-II	4	
Open Elective-III	4	
MTech Project-I	4	24

Semester VIII

Program Elective-V	4	
Open Elective-IV	4	
Open Elective-V	4	
PG Program Elective-I	4	
HSS Elective-V	4	
MTech Project-II	4	24

Semester IX

PG Program Elective-II	4	
PG Program Elective-III	4	
MTech Project-III	12	20

Semester X

PG Program Elective-IV	4	
MTech Project -IV	16	20