COURSE	TITLE	CREDITS
CO111	CoCurricular I	0-0-2-1
CO111	CoCurricular I	0-0-2-1
CO211	CoCurricular III	0-0-2-1
CS374	Computational and Numerical Methods	3-0-3-4.5
CT204	Signals and Systems	3-0-2-4
CT303	Digital Communication	3-0-2-4
ED111	Engineering Mathematics I	3-1-0-4
ED112	Engineering Physics	3-1-0-4
ED211	Engineering Mathematics III	3-1-0-4
ED212	Solid State Devices	3-0-2-4
ED213	Signal Processing and Control Systems	3-0-2-4
ED214	Electronic Design Lab	1-1-4-4
EL111	Basic Electronic Circuits	3-0-2-4
HM216	Science, Technology, and Society	3-0-0-3
IC101	Introduction to ICT	1-0-2-2
IT112	Introduction to Programming	3-0-0-3
IT113	Introduction to Programming Lab	0-0-2-1
IT216	Design and Analysis of Algorithms	3-0-2-4
IT227	Computer Systems Programming	3-0-2-4
IT304	Computer Networks	3-0-2-4
IT314	Software Engineering	3-0-2-4
MC111	Mathematical, Algorithmic, and Computational Thinking	3-1-0-4
MC112	Computer Organization and Programming	3-0-0-3
MC113	Computer Organization and Programming Lab	0-0-4-2
MC116	Digital Logic Design	1-0-2-2
MC123	Discrete Mathematics	3-1-0-4
MC211	Functions of Several Variables and PDEs	3-1-0-4
MC212	Database Management Systems	3-0-2-4
MC213	Design and Analysis of Algorithms	3-1-0-4
MC214	Operating Systems (along with IE411)	3-0-2-4
MC216	Probability and Random Processes	3-1-0-4
MC311	Mathematical Optimization	3-1-0-4
MC312	Modelling and Simulation	3-0-2-4
MC313	Algebraic Structures	3-1-0-4
MC314	Principles of Economics	3-0-0-3
PC110	Language and Literature	3-0-0-3
PC222	Exploration Project	0-0-2-1
PC503	Programming Lab	1-0-4-3
PC512	Communication Skills and Technical Writing	2-0-0-2
SC107	Calculus	3-1-0-4
SC223	Linear Algebra	3-1-0-4
Specialization Core		
CT546	Introduction to Wireless Communication	3-0-2-4
DS	New Core course	3-0-2-4
EL526	VLSI System Design	3-0-2-4

IT580	Advanced Algorithm	3-0-2-4
IT582	Foundations of Machine Learning	3-0-2-4
IT603	Introduction to Programming	3-0-2-4
IT605	Data Structures and Algorithms (with Python)	3-0-2-4
IT607	Introduction to Database Management (DBMS)	3-0-2-4
IT615	Database Management Systems	3-0-2-4
IT623	Data Structures	3-0-2-4
IT641	Deep Learning	3-0-2-4
IT642	Interactive Data Visualization	3-0-2-4
IT643	Software Design and Testing	3-0-2-4
IT644	Web Services and SOA	3-0-2-4
IT645	Web and Mobile Development	3-0-2-4
MA611	Fundamentals of Python Programming and SQL	3-0-2-4
MA612	Fundamentals of Analytics / Statistical Methods	3-0-2-4
MA613	Earth Orbit Systems	3-0-2-4
MA614	Preparatory Mathematics	2-0-0-2
MA615	Fundamentals of Agricultural Science	2-0-0-2
MA631	Crops & Soil Analytics	3-0-2-4
MA632	Risk Analysis and Modelling	3-0-2-4
MA633	Weather and Water Analytic	3-0-2-4
MA634	Agriculture Market Analytics	3-0-2-4
PC613	Communication Skills	3-0-0-3
PC721	Approaches to Culture and Communication	3-0-0-3
PC722	Fundamentals of Design-I	3-0-4-5
PC733	Web Design: Applications, Inter-Connectibility	3-0-2-4
PC740	Research Proposal Seminar: Rationale, Process, Outcome	1-0-4-3
PC741	Animation	3-0-2-4
PC743	Thematic Seminar/Workshop OR RR (Reading/Research) course if no thematic Seminar/Workshop is offered	3-0-0-3
PC745	Research Application: Constructing Narratives	3-0-2-4
PC746	Information Design	3-0-4-5
PC748	Design History	1-0-2-2
PC749	Image Text Sound	3-0-4-5
PC844	MTech (ICT) Major Project 1	0-0-12-6
PC845	MTech (EC) Major Project 1	0-0-12-6
SC612	Discrete Mathematics	3-1-0-4
SC613	Mathematical Foundation for Data Science	3-1-0-4
SC614	Statistical Methods (Lab:python)	3-0-2-4