Program: M.Sc (Mathematics)

S.Code	Name of Subject	Credit
	1st Semester	
CUON1527	Fluid Dynamics	3+1+0
CUON1530	Advanced differential equations	2+1+1
CUON1538	Advanced Algebra	3+0+1
CUON1537	Differential Geometry	3+0+1
CUON1535	Advanced complex analysis	3+0+1
	2nd Semester	
CUON1526	Numerical Methods for CFD	2+1+1
CUON1532	Optimization techniques	3+1+0
CUON1534	Applied Number Theory	3+1+0
CUON1531	Graph Theory	3+1+0
CUON1533	Advanced Statistical Methods	2+1+1
	SKILL-1	
	3rd Semester	
CUON2378	Research Methodology & IPR	2+0+2
CUON1536	Topology	3+0+1
CUON1018	Data Analysis and Visualization using Python	0+1+3
CUON1525	Heat and Mass Transfer	2+1+1
	DOMAIN PAPER-1	3-0-1
	DOMAIN PAPER-2	3-0-1
	SKILL-2	
	4th Semester	
CUON1019	Machine Learning using Python	1+2+1
CUON2380	GRID GENERATION AND CFD SIMULATION USING SIMULIA	0+2+2
	DOMAIN PAPER-3	3-0-1
	DOMAIN PAPER-4	3-0-1
	DOMAIN PAPER-5	3-0-1
	SKILL-3	

	NET DOMAIN	
CONT2480	Functional Analysis	3-0-1
CONT2481	Integral Equation	3-0-1
CONT2482	Advanced Calculus	3-0-1
CONT2483	Operation Research	3-0-1
CONT2484	Descriptive statistics & Data analysis	3-0-1