

Core/ Elective	Course Code	Course Name	Instructor	Credits	Accronym
Core	CSE202	Fundamentals of Database Management Systems	Vikram Goyal	4	DBMS
Core	CSE231	Operating Systems	Piyus Kedia	4	OS
Core	CSE222	Analysis and Design of Algorithms	Debaraka Sengupta	4	ADA
ToC/Math Elective	MTH310	Graph Theory	Samaresh Chatterji(V)	4	GT
ToC/Math Elective	MTH204	Maths IV	Sarthok Sircar	4	M-IV
ToC/Math Elective	MTH311	Combinotorics and its Applications	Samrith Ram	4	CIA
ToC/Math Elective	CSE322	Theory of Computation	Debajyoti Bera	4	ToC
ToC/Math Elective	MTH300	Introduction to Mathematical Logic	Sankha Basu	4	IML
Sci/Bio Elective	ECE240	Principles of Communication Systems	Anand Srivastava	4	PCS
Sci/Bio Elective	BIO213	Introdcution to Quantitative Biology	Sriram K	4	IQB

Note: Students are required to take all core courses and one TOC/Maths Elective and one Sci/Bio Elective or two TOC/Maths Elective