

Program + Sem.	Course Code	Course Title	Course Credits	Instructors	Exam Slots	Lecture/Lab Slots	Tutorial Slots
B.Tech. 4th Sem	CS205	Formal Languages, Automata Theory, and Computation	3-0-0-6	Prof. Purandar Bhaduri	A	A	
	CS207	Design and Analysis of Algorithms	3-0-0-6	Dr. Sushanta Karmakar	B	B	
	CS223	Computer Architecture and Organisation	3-0-0-6	Prof. Jatindra Kumar Deka Dr. John Jose	D	D	
	CS224	Hardware Lab	0-1-4-6	Prof. Hemangee K. Kapoor		AL2	E1
	CS245	Database Management Systems	3-0-0-6	Dr. V. Vijaya Saradhi Dr. Rashmi Dutta Baruah	C	C	
	CS246	Database Management Systems Lab	0-0-4-4	Dr. V. Vijaya Saradhi Dr. Rashmi Dutta Baruah		AL1	
B.Tech. 4th Sem. Minor	CS206M	Data Structures and Algorithms	3-0-0-6	Dr. Benny George K.	F	F	
B.Tech. 6th Sem.	CS345	Software Engineering	2-0-0-4	Dr. Samit Bhattacharya	E1	E1	
	CS346	Software Engineering Lab	0-0-3-3	Dr. Samit Bhattacharya		ML1	
	CS348	Implementation of Programming Languages Lab	0-2-3-7	Prof. Pinaki Mitra		ML2	C1, E1

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	CS361	Machine Learning	3-0-0-6	Dr. Arijit Sur	A1	A1	
	CS331	Programming Languages Lab	0-1-3-5	Dr. Aryabartta Sahu		ML3	B1
B.Tech. 6th Sem. Minor	CS350M	Computer Systems	3-0-0-6	Dr. T. Venkatesh	G1	G1	
B.Tech. 8th Sem.	CS499	Project II	0-0-8-8				
M.Tech. 2nd Sem.	CS558	Computer Systems Lab	0-1-4-6	Dr. Moumita Patra Dr. Manas Khatua		ML5	A1
M.Tech. 4th Sem.	CS699	Project-II	0-0-24-24				

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M.Tech. + Ph.D. (Dual Degree) 2nd Sem.	CS205	Formal Languages, Automata Theory, and Computation	3-0-0-6	Prof. Purandar Bhaduri	A	A	
	CS207	Design and Analysis of Algorithms	3-0-0-6	Dr. Sushanta Karmakar	B	B	
	CS350M	Computer Systems	3-0-0-6	Dr. T. Venkatesh	G1	G1	
	CS348	Implementation of Programming Languages Lab	0-2-3-7	Prof. Pinaki Mitra		ML2	C1, E1
M.Tech. 2nd Sem. (Data Science)	CS595	Data Visualisation Lab	0-0-3-3	Dr. Ashish Anand		ML3	
Electives	CS501	Parallel Algorithms	3-0-0-6	Prof. G. Sajith	A	A	
	CS502	Computational Geometry	3-0-0-6	Prof. S.V. Rao	C1	C1	
	CS508	Optimization Methods	3-0-0-6	Dr. Sukanta Bhattacharjee	C	C	
	CS544	Topic in Networks	3-0-0-6	Dr. Moumita Patra Dr. Manas Khatua	B1	B1	
	CS549	Computer and Network Security	3-0-0-6	Prof. Sukumar Nandi	B	B	

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	CS577	C Based VLSI Design	3-0-0-6	Dr. Chandan Karfa	F	F	
	CS529	Topics and Tools in Social Media Data Mining	2-0-2-6	Dr. Sanasam Ranbir Singh	D1	D1, ML4	
	CS568	Data Mining	3-0-0-6	Dr. Amit Awekar	F1	F1	