

CSE Department Timetable, July-November 2022 Semester

BTech 3rd sem

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
MA222	Elementary Number Theory and Algebra	3-0-0-6	MA		Yes	F	F		L4		
MA225	Probability Theory and Random Processes	3-1-0-8	MA		Yes	C	C		L4		
CS 201	Discrete Mathematics	3-0-0-6	CSE	Benny George		A	A		L3 (upto mid sem)		
CS 201									5001 (post mid sem)		
CS 203	Algorithms and Data Structures	3-0-0-6	CSE	Deepanjan Kesh		D	D		L3 (upto mid sem)		
CS 203									5001 (post mid sem)		
CS 204	Algorithms and Data Structures Laboratory	0-1-3-5	CSE	Benny George			AL1	D (Thursday)		5001	
CS 221	Digital Design	3-0-0-6	CSE	Chandan Karfa Hemangee Kapoor	Yes	B	B		L4		
CS 242	System Software Lab	0-1-3-5	CSE	Pinaki Mitra			AL2	A (Friday)		5001	
HS200	Sustainable Development Goals	2-0-0-0	HSS				F1/G1				
CS 205M	Theoretical Foundation of Computer Science	3-0-0-6	CSE	Diganta Goswami		G		E on Thursday and G on other days.		5001	

BTech 5th sem

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
MA 321	Optimization	3-0-0-6	MA		Yes	D1	D1		L4		
CS 341	Computer Networks	3-0-0-6	CSE	Sukumar Nandi	Yes	B1	B1		L4		
CS 342	Computer Networks Laboratory	0-0-4-4	CSE	Manas Khatua	Yes		ML1				
CS 343	Operating Systems	3-0-0-6	CSE	John Jose T. Venkatesh	Yes	C1	C1		L4		
CS 344	Operating Systems Laboratory	0-0-4-4	CSE	John Jose T. Venkatesh	Yes		ML2				
CSxxx	Departmental Elective - I	3-0-0-6	CSE								
HS1xx	HSS Elective	3-0-0-6	HSS			G1	G1				
CS 322M	Digital Logic and Computer Architecture	3-0-0-6	CSE	J. K. Deka		F1	F1			5001	

BTech 7th sem

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
OE4xx	Open Elective	3-0-0-6				F1/F	F1/F				
OExxx / CSxxx	Open Elective / Departmental Elective Courses - V	3-0-0-6				F1/F	F1/F				
CSxxx	Departmental Elective - VI	3-0-0-6	CSE								
CSxxx	Departmental Elective - VII	3-0-0-6	CSE								
CSxxx	Departmental Elective - VIII	3-0-0-6	CSE								
CS498	B. Tech. Project - I	0-0-12-12									
HS2xx	HSS Elective	3-0-0-6	HSS			G	G				
CS 441M	Software Engineering	3-0-0-6	CSE	V. Vijaya Saradhi		G1	G1			5001	

MTech CSE 1st sem

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS 512	Design and Analysis of Algorithms	3-0-0-6	CSE	Sushanta Karmakar		A	A		2102		
CS 513	Data Structures Lab	0-2-2-6	CSE	Sukanta Bhattacharjee			ML5	B		5001	
CS 514	Mathematics for Computer Science	3-0-0-6	CSE	G. Sajith		C	C		5001		
CSxxx	Elective - 1	3-0-0-6	CSE								
CSxxx	Elective - 2	3-0-0-6	CSE								

MTech CSE 3rd sem

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS698	Project - I	0-0-24-24	CSE								

MTech Data Science 1st sem

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
MA 579H	Scientific Computing	3-0-0-3	MA			G	G		2102		
MA 580H	Matrix Computations	3-0-0-3	MA			G	G		2102		
MA 581	Numerical Computations Lab	0-0-3-3	MA				AL3				
MA 589	Statistical Foundations for Data Science	3-0-0-6	MA			B	B		2102		
CS 591H	Data Structures and Algorithms	3-0-0-3	CSE	S. V. Rao		C	C		2102		
CS 592H	Databases	3-0-0-3	CSE	S. Ranbir Singh		C	C		2102		
CS 593	Data Structures and Databases Lab	0-0-3-3	CSE	S. V. Rao + S. Ranbir Singh			ML2				
CS 594	Python Programming Lab	0-0-3-3	CSE	S. V. Rao + S. Ranbir Singh			ML1				
XX ddd	Elective - I	3-0-0-6									

Electives

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Type of Elective			
											Open	Data Science	Third year	
CS 502	Computational Geometry	3-0-0-6	CSE	R. Inkulu		B	B		5203					Yes
CS 566	Speech Processing	3-0-0-6	CSE	P. K. Das		D	D		5203				Yes	Yes
CS 578	Internet of Things	3-0-0-6	CSE	Manas Khatua		A1	A1		5203					Yes
CS 590	Deep Learning	3-0-0-6	CSE	Arijit Sur		F	F			L1		Yes		Yes
CS 666	Mobile Robotics	2-0-2-6	CSE	S. B. Nair		E	E		5203					
CS323	Introduction to NLP	2-0-2-6	CSE	Ashish Anand		E1	E1		5001					Yes
CS563	Neural Networks for NLP	2-0-2-6	CSE	Amit Awekar		C1	C1		5203					
CS536	Advanced Compiler	3-0-0-6	CSE	Aryabartta Sahu		D1	D1		5203					Yes
CS560	Virtual and Augmented Reality Systems	2-0-2-6	CSE	Samit Bhattacharjee		E1	E1		5203					Yes