

CSE Department Timetable, January-May 2023 Semester

**Btech 2nd sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS101	Introduction to Computing Part 1	3-0-0-6	CSE	Pinaki Mitra, S. V. Rao							
CS101	Introduction to Computing Part 2	3-0-0-6	CSE	Hemangee Kapoor, Amit Awekar							
CS110	Computing Lab	0-0-3-3	CSE	V. Vijaya Saradhi, J. K. Deka							

**BTech 4th sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS205	Formal Languages, Automata Theory and Computation	3-0-0-6	CSE	Diganta Goswami		A	A		5G4		
CS207	Design and Analysis of Algorithms	3-0-0-6	CSE	R. Inkulu		B	B		5G4		
CS223	Computer Architecture and Organization	3-0-0-6	CSE	Sakanta Bhattacharjee and John Jose	Yes	C	C		5G4		
CS224	Hardware Lab	0-1-4-5	CSE	Aryabarta Sahu			AL2	E1		5001	
CS245	Database Management Systems	3-0-0-6	CSE	Purandar Bhaduri	Yes	D	D		5G4		
CS246	Database Management Systems Lab	0-0-4-4	CSE	V. Vijaya Saradhi, J. K. Deka	Yes		AL1				
CS206M	Data Structures and Algorithms	3-0-0-6	CSE	G. Sajith		F	F		5001		
HS1XX	HSS Elective 1, Level 1	3-0-0-6									
SA3XX	Students' Activity Course 3	0-0-2-0									

**BTech 6th sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS345	Software Engineering	2-0-0-4	CSE	Samit Bhattacharjee		E1	E1		5G4		
CS346	Software Engineering Lab	0-0-3-3	CSE	Samit Bhattacharjee			ML1				
CS348	Implementation of Programming Languages Lab	0-2-3-7	CSE	Sukumar Nandi			ML2	G (Wed), F1(Fri)		5G4	
CS361	Machine Learning	3-0-0-6	CSE	Arijit Sur		D1	D1		5G4		
CS350M	Computer Systems	3-0-0-6	CSE	John Jose and T. Venkatesh		G1	G1		5G4		
CSXXX	Department Elective 2										
CSXXX	Department Elective 3										
CSXXX	Department Elective 4										

**BTech 8th sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
OExxx	Open Elective	3-0-0-6				F1/F	F1/F				
OExxx	Open Elective	3-0-0-6				F1/F	F1/F				
CSxxx	Departmental Elective 9	3-0-0-6	CSE								
CSxxx	Departmental Elective 10	3-0-0-6	CSE								
CSxxx	Departmental Elective 11	3-0-0-6	CSE								
CS499	B. Tech. Project - I	0-0-12-12									
HS2xx	HSS Elective 2, Level 2	3-0-0-6	HSS			G1	G1				

**MTech CSE 2nd sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS558	Computer Systems Lab	0-1-4-6	CSE	Moumita Patra, T. Venkatesh			ML5	A1		5G4	
CSxxx	Elective 3										
CSxxx	Elective 4										
CSxxx	Elective 5										

**MTech CSE 4th sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS699	Project - I	0-0-24-24	CSE								

**MTech Data Science 2nd sem**

Course code	Course title	Course structure	Offered by	Instructors	Joint course	Exam slot	Class/ Lab	Tutorial slot	Class room	Tutorial room	Notes
CS595	Data Visualization Lab	0-0-3-3	CSE	Ashish Anand			ML5				
EE595H	Stochastic Models	3-0-0-3	EEE			E		Monday, 9am to 10:30 am	1101		
EE596H	Optimization techniques	3-0-0-3	EEE			F		Thursday, 9am to 10:30 am	1101		
EE526	Machine Learning	3-0-0-6	EEE			G		Monday and Thursday, 5pm to 6:30 pm	1101		
XX ddd	Elective 2										
XX ddd	Elective 3										
EE527	Machine Learning Lab	0-0-3-3	EEE				ML2				
MAS88	R Programming Lab	0-0-3-3	MA				ML3				

**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 only
CS331	Programming Languages Lab	0-1-3-5	CSE	P. K. Das and S. B. Nair			ML3	B1		5G4			Yes
CS321	Smart System Lab	0-1-3-5	CSE	P. K. Das and S. B. Nair			ML4	D1		5G4			Yes
CS549	Computer and Network security	3-0-0-6	CSE	Minas Khattua		A1	A1			5001			
CS528	High Performance Computing	3-0-0-6	CSE	Aryabarta Sahu		B1	B1			5G4			
CS577	C-based VLSI Design	3-0-0-6	CSE	Chandan Karfa		F	F			5G4	Yes		
CS509	Computational Number theory and Cryptography	3-0-0-6	CSE	Benny George		F	F			5002	Yes		
CS570	Fundamentals of Information Retrieval	3-0-2-8	CSE	S. Ranbir Singh		C1	C1			5001		Yes	
CS564	Computational Complexity	3-0-0-6	CSE	Deepanjan Kesh		D1	D1			5001			
CS503	Randomized Algorithms	3-0-0-6	CSE	Sushanta Karmakar		A	A			5001			

	07.55-08.30 (Tutorial)	09.00-09.55	10.00-10.55	11.00-11.55	12.00-12.55	01.00-01.55	02.00-02.55	03.00-03.55	04.00-04.55	05.00-05.55	
Monday	C,C1	A	B	D	F	LUNCH BREAK	A1	B1	D1	F1	
			ML1					AL1			
Tuesday	E,E1	A	C	D	F			A1	C1	D1	F1
			ML2						AL2		
Wednesday	B,B1	A	C	E	G			A1	C1	E1	G1
			ML3						AL3		
Thursday	D,D1	B	C	E	G			B1	C1	E1	G1
			ML4						AL4		
Friday	A,A1	B	D	F	G			B1	D1	F1	G1
			ML5						AL5		