

Course Number	Course Name	Offered To	Semester	Credit Structure	Exam Slot	Class Slot	Room No	Instructor 1	Instructor 2
DA1201H, DA1202H, DA1203H, DA1204H	Fundamentals of Data Science	B.Tech. (MC,EP,CST,EN)	2	3-0-0-3	D1	D	Post-Mid Sem, DA1201H--5304, DA1202H--5303, Pre-Mid Sem, DA1203H--5305, DA1204H--5304	Ratnajit Bhattacharjee	
DA1205L	Python Programming	B.Tech. (DS&AI)	2	0-0-3-3	NA	AL2	Lab	Dipankar Mondal	
DA1206	Algorithms and Data Structures	B.Tech. (DS&AI)	2	2-0-2-6	D1	AL5	5303+Lab	Gourav Trivedi	
	Statistical Foundation of Data Science (Minor)	B.Tech. (DS&AI)	2	3-0-0-6	G1	G	5205	Dipankar Mondal	
DA 243	Introduction to Optimization	B.Tech. (DS&AI)	4	3-0-0-6	A	A	5205	Amulya Kumar Mahto	
DA 221	Introduction to Artificial Intelligence	B.Tech. (DS&AI)	4	2-0-2-6	C	C+AL1	5205+Lab	Teena Sharma	
DA 213	Python Programming Lab	B.Tech. (DS&AI)	4	0-0-3-3	NA	AL3	Lab	Teena Sharma	
DA 214	Database Management Systems	B.Tech. (DS&AI)	4	3-0-0-6	D	D	5205	Debanga Raj Neog	
DA 215	Database Management Systems Lab	B.Tech. (DS&AI)	4	0-0-3-3	NA	AL4	Lab	Debanga Raj Neog	
DA 244	Applied Probability & Random Processes	B.Tech. (DS&AI)	4	3-0-0-6	E	E	5205	Rhythm Grover	
DA 221M	Artificial Intelligence	B.Tech. (Minor)	4	3-0-0-6	F	F	5206	Shyamanta M Hazarika	
DA 323	Multi-modal Data Processing & Learning - II	B.Tech. (DS&AI)	6	3-0-0-6	A1	A1	5205	Neeraj Kumar Sharma	Prashant W. Patil
DA 324	Data Mining	B.Tech. (DS&AI)	6	3-0-0-6	B1	B1	5205	Ayon Borthakur	
DA 325	Deep Learning	B.Tech. (DS&AI)	6	3-0-0-6	C1	C1	5205	Prashant W. Patil	
DA 352	Privacy and Information Security	B.Tech. (DS&AI)	6	3-0-0-6	D1	D1	5205	Srinivasan Krishnaswamy	
DA 312	Advanced Machine Learning Laboratory	B.Tech. (DS&AI)	6	0-0-3-3	NA	ML3	Lab	Suresh Sundaram	
DA 353	Internet of Things	B.Tech. (DS&AI)	6	2-0-2-6	E1	E1+ML4	5205+Lab	Arghyadip Roy	Ayon Borthakur
DA 332	Data Visualization	B.Tech. (DS&AI)	6	1-0-3-5	F1	F1+ML5	5205+Lab	Chiranjib Sur	
DA 322M	Deep Learning	B.Tech. (Minor)	6	3-0-0-6	G1	G1	5206	Prashant W. Patil	
DA 674	Advanced Topics in Reinforcement Learning (Department Elective)	B.Tech. (DS&AI)	8	3-0-0-6	A	A	5206	Arghyadip Roy	
DA 627	Building Multimodal GenAI (Department Elective)	B.Tech. (DS&AI)	8	3-0-0-6	D	D	5206	Chiranjib Sur	
DA 526	Image Processing with Machine Learning (Department Elective)	B.Tech. (DS&AI)	8	3-0-0-6	C	B	5206	Teena Sharma	
DA 499	BTP Project II	B.Tech. (DS&AI)	8	0-0-12-12	NA	NA		MS, SUPC	
DA 623	Computing with Signals (Open Elective)	B.Tech. (All branches)	8	3-0-0-6	F	F	5205	Neeraj Kumar Sharma	
DA 531	Data Visualization Lab	M.Tech. (DS)	2	0-0-3-3	NA	ML1	Lab	Rhythm Grover	