

SCHOOL OF COMPUTER AND SYSTEMS SCIENCES
JAWAHARLAL NEHRU UNIVERSITY
NEW DELHI-110067
COURSE OFFERED-MONSOON SEMESTER 2025

MCA: Semester-I

Course No.	Course Name		Course Incharge
CS-401	Programming in C	Compulsory	Dr. Poonam Agarwal
CS-402	Computer Fundamentals	Compulsory	Dr. Poonam Agarwal
CS-403	Data Structures	Compulsory	Dr. Tirthankar Gayen
CS-404	Discrete Mathematics	Compulsory	Prof. Sonajharia Minz
CS-405	Computer Architecture	Compulsory	Dr. Asutosh Srivastava
CS-406	Numerical Methods	Compulsory	Dr. Ayesha Choudhary

MCA: Semester-III

CS-413	Software Engineering	Compulsory	Prof. Ratneshwer
CS-414	Theoretical Computer Science	Compulsory	Dr. Jasraj Meena
CS 425	Block Chain Technology	Elective	Dr. Poonguzhali N.
CS 426	Cloud Computing and IoT	Elective	Prof. Zahid Raza
CS 429	Cyber Security	Elective	Dr. Karan Singh
CS 433	Machine Learning	Elective	Dr. Aditi Sharan
CS 446	Wireless Networks	Elective	Dr. Buddha Singh

M.Tech(Computer Science and Technology): Semester-I

CS-773	Design and Analysis of Algorithms	Compulsory	Prof. D.P. Vidyarthi
CS 703	Data Communication and Computer Networks	Elective	Prof. D.K. Lobiyal
CS706	Database Management System	Elective	Dr. Vikas Mittal
CS 714	Machine Learning	Elective	Prof. R.K. Agrawal
CS 760	Natural Language Processing	Elective	Prof. Piyush Pratap Singh
CS 761	Network Security	Elective	Dr. Sushil Kumar
CS 771	Grid and Cloud Computing	Elective	Prof. Satish Chand

M.Tech(Data Science): Semester-I

CS-901	Artificial Intelligence and Machine Learning	Compulsory	Prof. T.V. Vijay kumar
CS-902	Big Data Management	Compulsory	Dr. Saurabh Kumar Sharma
CS-903	Data Structures and Algorithms	Compulsory	Dr. Yogendra Meena
CS-904	Mathematical Foundation for Data Science	Compulsory	Dr. Sachin B. Jadhav
CS-905	Optimization Techniques for Data Science	Compulsory	Prof. Manju Khari

M.Tech(Computer Science and Technology): Semester-III

CS 783	Research Reading and Laboratory	Compulsory	Supervisor
CS 784	Seminar	Compulsory	Seminar Committee

M.Tech(Data Science): Semester-III

CS 907	Research Reading and Laboratory	Compulsory	Supervisor
CS 908	Seminar	Compulsory	Seminar Committee

Ph.D: Semester-I

CS-791	Research Methodology	Compulsory	Prof. V.B. Singh
CS-792	Research and Publication Ethics	Compulsory	Dr. Sachin B. Jadhav / Dr. Poonguzhali N. / Dr. Jasraj Meena
CS-793	Research Review	Compulsory	RAC Committee
CS-794	Research Seminar	Compulsory	Seminar Committee
	M.Tech.(CST/DS) Pool of Electives	Elective	



डीन / Dean
 कंप्यूटर और पद्धति विज्ञान संस्थान
 School of Computer and Systems
 Sciences
 जवाहरलाल नेहरू विश्वविद्यालय
 Jawaharlal Nehru University
 नई दिल्ली / New Delhi-110067

(Signature)
 12/6/25
 (Dean, SC&SS)