

**SCHOOL OF COMPUTER AND SYSTEMS SCIENCES
JAWAHARLAL NEHRU UNIVERSITY
COURSES OFFERED - WINTER SEMESTER 2024**

MCA: Semester II	
Course No.	Course Name
CS - 407	Database Management Systems (Core)
CS - 408	Computer Networks (Core)
CS - 409	Design and Analysis of Algorithms (Core)
CS - 410	Object Oriented Programming (Core)
CS - 411	Artificial Intelligence (Core)
CS - 412	Operating Systems (Core)
M.Tech.(Computer Science and Technology): Semester II	
Course No.	Course Name
CS - 715	Data Mining and Knowledge Discovery (Elective)
CS - 731	Software Engineering (Elective)
CS - 738	Service Oriented Architecture (Elective)
CS - 752	Computer Vision (Elective)
CS - 756	Graph Theory (Elective)
CS - 760	Natural Language Processing (Elective)
CS - 762	Parallel and Distributed Systems (Elective)
CS - 764	Performance Modelling of Computer Communication Networks (Elective)
CS - 769	VLSI Design and Testing (Elective)
M.Tech.(Data Science): Semester II	
Course No.	Course Name
CS - 906	Data Visualization (Core)
CS - 914	Blockchain Technology (Elective)
CS - 916	Cloud Computing (Elective)
CS - 915	Brain Theory & Neural Networks (Elective)
CS - 920	Cyber Security (Elective)
CS - 926	Deep Learning (Elective)
CS - 931	Information Theory (Elective)
CS - 932	Internet of Things (Elective)
CS - 944	Social Network Analytics (Elective)
CS - 949	Web Mining (Elective)
Ph.D.: Semester I	
Course No.	Course Name
CS - 791	Research Methodology (Core)
CS - 792	Research and Publication Ethics (Core)
CS - 793	Research Review
CS - 794	Research Seminar
	Elective I

*M.Tech students are required to choose courses belonging to only their stream.

*Ph.D. students can choose Elective I from the courses offered to M.Tech. students.


3/1/24
(Dean, SC&SS)