

**SCHOOL OF COMPUTER AND SYSTEMS SCIENCES**  
**JAWAHARLAL NEHRU UNIVERSITY**  
**NEW DELHI-110067**  
**COURSES OFFERED-WINTER SEMESTER 2025**

**MCA: Semester II**

Course No.	Course Name	Course Incharge
CS-407	Database Management Systems (Core)	Dr. Vikas Mittal
CS-408	Computer Networks (Core)	Dr. Sushil Kumar
CS-409	Design and Analysis of Algorithms (Core)	Dr. Yogendra Meena
CS-410	Object Oriented Programming (Core)	Prof. V.B. Singh
CS-411	Artificial Intelligence (Core)	Prof. Satish Chand
CS-412	Operating Systems (Core)	Prof. Ratneshwar

**M.Tech(Computer Science and Technology): Semester II**

Course No.	Course Name	Course Incharge
CS-715	Data Mining and Knowledge Discovery (Elective)	Dr. Aditi Sharan
CS-731	Software Engineering (Elective)	Prof. T.V. Vijay Kumar
CS-756	Graph Theory (Elective)	Prof. D.P. Vidyarthi
CS-761	Network Security (Elective)	Dr. Karan Singh
CS-763	Pattern Classification (Elective)	Dr. Sachin B. Jadhav
CS-769	VLSI Design and Testing (Elective)	Dr. Asutosh Srivastava
CS-770	Wireless Sensor Networks (Elective)	Dr. Poonam Agrawal
CS-771	Grid and Cloud Computing (Elective)	Prof. Zahid Raza
CS-776	Data Structures (Elective)	Dr. Jasraj Meena

**M.Tech(Data Science): Semester II**

Course No.	Course Name	Course Incharge
CS-906	Data Visualization (Core)	Dr. T. Gayen
CS-914	Blockchain Technology (Elective)	Dr. Poonguzhali N
CS-915	Brain Theory & Neural Networks (Elective)	Dr. Saurabh Kumar Sharma
CS-919	Computer Vision (Elective)	Dr. Ayesha Choudhary
CS-920	Cyber Security (Elective)	Prof. Manju Khari
CS-926	Deep Learning (Elective)	Prof. R.K. Agrawal
CS-944	Social Network Analytics (Elective)	Dr. Buddha Singh
CS-945	Spatial Data Analysis and GIS (Elective)	Prof. Sonajharia Minz
CS-946	Speech & Natural Language Processing (Elective)	Prof. Piyush Pratap Singh

**Ph.D: Semester I**

Course No.	Course Name	Course Incharge
CS-791	Research Methodology (Core)	Prof. D.K.Lobiyal
CS-792	Research and Publication Ethics (Core)	Prof. Manju Khari



डीन / Dean  
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*(Signature)*  
 16/12/24