School of Computer and Systems Sciences
Jawaharlal Nehru University
New Delhi-110067

Course Allotment (Monsoon Semester 2021)- Semester I students

MCA (Semester I) (Students are required to take 6 Core (C) Courses)			
Course Number	**Course Name**	**Credits**	**Name of the Faculty Member**
CS-401	Programming in C (C)	2	Dr. Piyush Pratap Singh
CS-402	Computer Fundamentals (C)	2	Dr. Manju Khari
CS-403	Data Structures (C)	4	Dr. Tirthankar Gayen
CS-404	Discrete Mathematics (C)	4	Prof. Satish Chand
CS-405	Computer Architecture (C)	4	Dr. Asutosh Srivastava
CS-406	Numerical Methods (C)	4	Dr. Ayesha Choudhary

MTech (CS&T) (Semester I) (Students are required to take 1 Core (C) Course and 4 Elective (E) Courses)			
Course Number	**Course Name**	**Credits**	**Name of the Faculty Member**
CS-703	Data Communication and Computer Networks (E)	3	Dr. Sushil Kumar
CS-714	Machine Learning (E)	3	Prof. Rajeev Kumar
CS-729	Advanced Software Engineering (E)	3	Prof. V.B. Singh
CS-756	Graph Theory (E)	3	Prof. D.P. Vidyarthi
CS-760	Natural Language Processing (E)	3	Dr. Aditi Sharan
CS-761	Network Security (E)	3	Dr. Karan Singh
CS-771	Grid and Cloud Computing (E)	3	Dr. Zahid Raza
CS-773	Design and Analysis of Algorithms (C)	3	Dr. Buddha Singh

MTech (DS) (Semester I) (Students are required to take 5 Core (C) Courses)			
Course Number	**Course Name**	**Credits**	**Name of the Faculty Member**
CS-901	Artificial Intelligence and Machine Learning (C)	3	Prof. T.V. Vijay Kumar
CS-902	Big Data Management (C)	3	Dr. Saurabh Kumar Sharma
CS-903	Data Structure and Algorithms(C)	3	Dr. Ratneshwer
CS-904	Mathematical Foundation for Data Science (C)	3	Dr. Krishnan Rajkumar
CS-905	Optimization Techniques for Data Science (C)	3	Prof. R.K. Agrawal

PhD (Semester I) (Students are required to take 4 Core (C) Courses)			
Course Number	**Course Name**	**Credits**	**Name of the Faculty Member**
CS-791	Research Methodology (C)	3	Prof. D.K. Lobiyal
CS-792	Research and Publication Ethics (C)	2	Dr. Manju Khari Dr. Piyush Pratap Singh
CS-793	Research Review (C)	2	RAC of the Student
CS-794	Research Seminar (C)	2	Seminar Evaluation Committee

06/12/2021

(Dr. Manju Khari)