

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

**Course Allotment (Monsoon Semester 2021)**

<b>MCA (Semester-III)</b> (Students are required to take 2 Core (C) Courses and 4 Elective (E) Courses)			
<b>Course Number</b>	<b>Course</b>	<b>Credits</b>	<b>Course Incharge</b>
CS-413	Software Engineering (C)	4	Prof. V.B. Singh
CS-414	Theoretical Computer Science (C)	4	Dr. Krishnan Rajkumar
CS-422	Advanced Data Structures and Algorithms (E)	4	Dr. Buddha Singh
CS-430	Data Mining & Knowledge Discovery (E)	4	Prof. T.V. Vijay Kumar
CS-433	Machine Learning (E)	4	Dr. Sushil Kumar
CS-434	Microprocessors (E)	4	Dr. Asutosh Sivastava
CS-437	Natural Language Processing (E)	4	Dr. Piyush Pratap Singh
CS-443	Software Testing (E)	4	Dr. Tirthankar Gayen

<b>MCA (Semester-V)</b> (Students are required to take 2 Core (C) Courses and 3 Elective (E) Courses)			
<b>Course Number</b>	<b>Course</b>	<b>Credits</b>	<b>Course Incharge</b>
CS-117	Parallel and Distributed Systems (C)	4	Dr. Zahid Raza
CS-148	Principles of Compiler Design (C)	4	Dr. Aditi Sharan
CS-129	Machine Learning (E)	4	Prof. Rajeev Kumar
CS-130	Internet and Web Technology (E)	4	Dr. Karan Singh
CS-143	VLSI Design (E)	4	Dr. Poonam Agarwal
CS-145	Big Data Management (E)	4	Dr. Saurabh Kumar Sharma
CS-146	Computer Vision (E)	4	Dr. Ayesha Choudhary

<b>MTech (CS&amp;T) (Semester-III)</b> (Students are required to take all the 3 Core (C) Courses)			
<b>Course Number</b>	<b>Course</b>	<b>Credits</b>	<b>Course Incharge</b>
CS-765	Research Methodology (C)	3	Prof. D.K. Lobiyal
CS-774	Academic Ethics and Technical Writing (C)	3	Dr. Manju Khari
CS-775	Research Reading and Seminar (C)	2	<i>Seminar Committee</i>

<b>MTech (SC) (Semester-III)</b> (Students are required to take 1 Core (C) Course and 2 Elective (E) Courses)			
<b>Course Number</b>	<b>Course</b>	<b>Credits</b>	<b>Course Incharge</b>
CS-812	Seminar Course (C)	2	<i>Seminar Committee</i>
CS-817	Speech and Natural Language Processing (E)	3	Prof. Satish Chand
CS-818	Cloud Computing (E)	3	Prof. D.P. Vidyarthi
CS-819	Internet of Things (E)	3	Dr. Ratneshwer
CS-825	Data Mining & Pattern Recognition (E)	3	Prof. R.K. Agrawal

  
**(Dr. Manju Khari)**

  
**(Dr. Piyush Pratap Singh)**