

**SCHOOL OF COMPUTER AND SYSTEMS SCIENCES
JAWAHARLAL NEHRU UNIVERSITY
NEW DELHI-110067**

Courses Offered for the Monsoon Semester 2020

MCA (Semester III)				
S.No.	Course Code	Course Name	Credits	Course Incharge
1	CS-106	Computer Architecture (C)	4	Dr. Asutosh Srivastava
2	CS-109	Object Oriented Programming (C)	4	Dr. Ratneshwer
3	CS-110	Operating Systems (C)	4	Dr. Saurabh Kumar Sharma
4	CS-112	Computer Networks (C)	4	Dr. Sushil Kumar
5	CS-115	Design and Analysis of Algorithms (C)	4	Dr. Buddha Singh
6	CS-185	Object Oriented Programming Laboratory (C)	2	Dr. Ratneshwer
C – Core E - Elective		The student has to opt for all the 6 Core courses		

MCA (Semester V)				
S.No.	Course Code	Course Name	Credits	Course Incharge
1	CS-117	Parallel & Distributed Systems (C)	4	Dr. Zahid Raza
2	CS-148	Principles of Compiler Design (C)	4	Dr. Aditi Sharan
3	CS-129	Machine Learning (E)	4	Prof. R.K. Agrawal
4	CS-130	Internet and Web Technology (E)	4	Dr. Karan Singh
5	CS-133	Data Mining & Knowledge Discovery (E)	4	Prof. T.V. Vijay Kumar
6	CS-140	Digital Image Processing (E)	4	Dr. Ayesha Choudhary
7	CS-143	VLSI Design (E)	4	Dr. Poonam Agarwal
C – Core E - Elective		The student has to opt for 2 Core courses and atleast 3 Elective Courses (Out of 5 Elective Courses offered)		

MTech – Computer Science and Technology (Semester III)				
S.No.	Course Code	Course Name	Credits	Course Incharge
1	CS-765	Research Methodology (C)	3	Prof. D.K. Lobiyal
2	CS-774	Academic Ethics and Technical Writing (C)	3	Prof. Rajeev Kumar
3	CS-775	Research Reading and Seminar (C)	2	-
C – Core E - Elective		The student has to opt for all the 3 Core courses		

MTech – Statistical Computing (Semester III)				
S.No.	Course Code	Course Name	Credits	Course Incharge
1	CS-812	Seminar Course (C)	2	-
2	CS-814	Stochastic Modelling and Applications (E)	3	Dr. Krishnan Rajkumar
3	CS-817	Speech & Natural Language Processing (E)	3	Dr. Tirthankar Gayen
4	CS-829	Big Data Analytics (E)	3	Prof. Satish Chand
5	CS-840	Parallel & Distributed Systems (E)	3	Prof. D.P. Vidyarthi
C – Core E - Elective		The student has to opt for 1 Core course and atleast 2 Elective Courses (Out of 4 Elective Courses offered)		