COURSE ALLOTMENT

(For the Students to the MCA, MTech and Phd Programmes of the School in the Academic Year 2020-21)

MCA - Semester-I			
Course	**Credits**	**Type**	**Name of the Faculty Member**
Programming in C	2	Core	Dr. Saurabh Kumar Sharma
Computer Fundamentals	2	Core	Dr. Poonam Agarwal
Data Structures	4	Core	Dr. Ratneshwer
Discrete Mathematics	4	Core	Prof. Satish Chand
Computer Architecture	4	Core	Dr. Asutosh Srivastava
Numerical Methods	4	Core	Dr. Ayesha Choudhary

MTech (Statistical Computing) – Semester I			
Course Name	**Credits**	**Type**	**Name of the Faculty Member**
Data Structure & Algorithms	3	Core	Dr. Aditi Sharan
Optimization Techniques	3	Core	Guest Faculty
Probability& Stochastic Processes	3	Core	Dr. Krishnan Rajkumar
Big Data Systems	3	Core	Dr. Saurabh Kumar Sharma
Data Communication & Computer Networks	3	Core	Dr. Sushil Kumar
Statistical Computing Lab	3	Core	Dr. Krishnan Rajkumar

MTech (Computer Science and Technology), MPhil – Semester I			
Course Name	**Credits**	**Type**	**Name of the Faculty Member**
Design and Analysis of Algorithms	3	Core	Prof. Rajeev Kumar
Network Security	3	Elective	Dr. Karan Singh
Machine Learning	3	Elective	Prof. R.K. Agrawal
Grid and Cloud Computing	3	Elective	Dr. Zahid Raza
Graph Theory	3	Elective	D.P. Vidyarthi
Large Scale Graph Algorithms and Applications	3	Elective	Dr. Buddha Singh
Database Management Systems	3	Elective	Prof. T.V. Vijay Kumar
VLSI Technology	3	Elective	Dr. Poonam Agarwal

PhD – Semester I			
Course Name	**Credits**	**Type**	**Name of the Faculty Member**
Research Methodology	3	Core	Prof. D.K. Lobiyal
Academic Ethics and Technical Writing	3	Core	Dr. Tirthankar Gayen

(Dr. Poonam Agarwal)   (Dr. Sushil Kumar)   (Dr. Zahid Raza)