

JAWAHARLAL NEHRU UNIVERSITY

School of Computational and Integrative Sciences

M.Sc.

4th Semester Courses

1.	Elective 1	3 Credits
2.	Elective 2	3 Credits
3.	IT431 Research Project	9 Credits

Elective Courses

			CREDITS
IT604	Molecular Modeling and Simulation	3	
IT605	Genomic Data Analytics	3	
IT606	Social Networks and Epidemiology	3	
IT607	Personalized Medicine, Health and Clinical Trials	3	
IT-717	Algorithms in Bioinformatics	4	
IT431	Research Project	9	Compulsory

IT771	Information Theory and Molecular Biology	3	
IT773	Biomolecular Simulation Theory and the Modeling for Systems	3	
IT776	Digraph and Petri Nets: Theory and the Modeling for Systems	3	
IT777	Electromagnetics: Applications in Biology	3	
IT762	Chemoinformatics in Drug Discovery	3	
IT779	Advanced Applied and Computational Complex Analysis	3	