

B. Sc. (Honors) Computer Science

I-Semester		III-Semester		V-Semester	
101	Programming Fundamentals	301	Algorithms	501	File Structure and Database systems
102	Discrete Structures	302	System Software's	502	Computer Networks
103	Calculus I	303	Algebra	503	Microprocessors
104	Digital Electronics	304	Statistics	504	Numerical Analysis and Scientific Computing
105	Language: Form and Function	305	Organizational Behaviour	505	Economics
106	Software lab based on Paper 101 and Software tools	306	Software Lab based on Paper 301 and 302	506	Microprocessor Lab based on Paper 503
				507	Practical: Software lab based on Papers 501 and 502
II-Semester		IV-Semester		VI-Semester	
201	201 Data Structures	401	Operating Systems	601	Theory of Computation
202	Computer Systems Architecture	402	Software Engineering	602	Networks Programming and Administration
203	Calculus II	403	Programming Paradigms	603	Computer Graphics
204	Probability	404	Differential Equations	604	Operational Research Techniques
205	Financial Management	405	English: Technical Communication	605	Elective (any one) i. Artificial intelligence ii. Multimedia Applications
206	Software Lab based on Paper 201	406	Software Lab based on 401,402 and 403	606	Software Lab
207	Hardware lab based on Digital Electronics			607	Project work-Report