

Revised Syllabus of B.Sc. (H) Computer Science

Core- Computer Science (6 Credits, 4 Hrs (Th) + 4 Hrs (P))

SEC- Skill Enhancement Core (4 Credits, 2 Hrs (Th) + 4 Hrs (P))

DSE- Discipline Specific Elective (6 Credits, 4 Hrs (Th) + 4 Hrs (P))

					Project Work DSE4 (BHCS18D)
				Digital Image Processing (DSE2A) (BHCS16A)	Unix Network Programming (DSE4C) (BHCS18C)
				Microprocessors (DSE2B) (BHCS16B)	Deep Learning (DSE4B) (BHCS18B)
			Data Analysis using Spreadsheet (SEC-2C) (BHCS20C)	Data Analysis and Visualization (DSE-2C) BHCS16C	Machine Learning (DSE4A) (BHCS18A)
		Java Programming (SEC-1B) (BHCS19B)	Introduction to R Programming (SEC-2B) (BHCS20B)	Combinatorial Optimization (DSE1C) (BHCS15C)	Advanced Algorithms (DSE3C) (BHCS17C)
		Web Design and development SEC-1A (BHCS19A)	Android Programming (SEC-2A) (BHCS20A)	System Programming (DSE1B) (BHCS15B)	Data Mining (DSE3B) (BHCS17B)
		Probability & Statistics for Computer Science (Core) (BHCS07)	Database Management Systems (Core) (BHCS10)	Artificial Intelligence (DSE1A) (BHCS15A)	Computer Graphics (DSE-3A) BHCS17A
Computer System Architecture (Core) (BHCS02)	Programming using C++ (Core) (BHCS04)	Operating system (Core) (BHCS06)	Computer Networks (Core) (BHCS09)	Theory of Computation (Core) (BHCS12)	Information Security (Core) (BHCS14)
Programming Fundamentals using Python (Core) (BHCS01)	Discrete Structures (Core) (BHCS03)	Data Structures (Core) (BHCS05)	Design and Analysis of Algorithms (Core) (BHCS08)	Software Engineering (Core) (BHCS11)	Internet Technologies (Core) (BHCS13)
Semester-1	Semester-2	Semester-3	Semester-4	Semester-5	Semester-6

