

Course offering for the MCA (old) Programme

I - SEMESTER			II - SEMESTER		
Course	Course Title	Credits	Course	Course Title	Credits
CS-02	Introduction to Software	6	CS-01	Computer Fundamentals	6
CS-04	Data Structures through 'C' and 'PASCAL'	6	CS-03	File Structure and Programming in COBOL	4
CS-05	Elements of Systems Analysis and Design	6	CS-06	Database Management Systems	4
III - SEMESTER			IV - SEMESTER		
CS-08	Numerical and Statistical Computing	6	CS-07	Discrete Mathematics	6
CS-09	Data Communications and Networks	6	CS-10	Software Engineering	6
CS-51	Operations Research	4	CS-54	Accounting and Finance on Computers	4
V - SEMESTER			VI - SEMESTER		
CS-12	Computer Architecture	4	CS-13	Operating Systems	4
CS-16	Object Oriented Systems	4	CS-14	Intelligent Systems	4
			CS-15	Relational Database Management Systems	4
CS-17	Project	8	CS-17	Project	4

Course offering for the BCA (old) Programme

Year	Course Code	Course Title	Credits	Course Code	Course Title	Credits
I	CS-610	Foundation Course in English for Computing	4	CS-612	PC Software Application Skills	4
	FHS-01	Foundation Course in Humanities and Social Sciences	8	CS-60	Foundation Course in Mathematics in Computing	8
	CS-611	Computer Fundamentals and PC Software	4	CS-62	'C' Programming & Data Structure	4
II	FST	Foundation Course in Science and Technology	8	CS-06	Introduction to DBMS	4
	CS-63	Introduction to System Software	4	CS-64	Introduction to Computer Organisation	4
	CS-05	Elements of System Analysis and Design	4	CS-65	Window Programming	2
				CS-66	Multimedia	2
				CS-67	RDBMS Lab	4
III	CS-68	Computer Networks	4	CS-72	C++ and Object Oriented Programming	4
	CS-69	TCP/IP Programming	4	CS-73	Theory of Computer Science	4
	CS-70	Introduction to Software Engineering	4	CS-74	Introduction to Internet Programming (Java, ActiveX)	2
	CS-71	Computer Oriented Numerical Techniques	4	CS-75	Intranet Administration	2
				CS-76	Project	4