

B.C.A. (BACHELOR OF COMPUTER APPLICATIONS)

(Lateral Entry Direct – 2 Years)

Eligibility

A pass in the Higher Secondary Examination (+2) conducted by the Government of Tamil Nadu or any other examination as equivalent thereto.

B.C.A. (Direct Admission for the second year)

B.C.A. First Year Completed or Second Year Discontinued Candidates.

B.C.A. Lateral Entry:

A pass in 10 Std. conducted by State Board of Higher Secondary Education and Candidates who have passed 3 year Diploma in Polytechnics.

Course Duration:

2 Years – (Non-Semester System)

COURSE : B.C.A. (Bachelor of Computer Applications)			
MEDIUM : English			
COURSE CODE : 5015			
COURSE CODE (Direct Admission for the second year) : 5016			
COURSE CODE (Lateral Entry) : 5017			
Year	S.NO	PAPER NAME	EXAMINATION CODE
I	1	Mathematics	UBCA01
	2	Programming in C	UBCA02
	3	Digital Principles and Applications	UBCA03
	4	PC Software for Windows	UBCA04
	5	Systems Software	UBCA05
	6	COBOL Programming	UBCA06
	7	Programming Lab-I- C Lab	UBCAL1
	8	Programming Lab-2COBOL &PC Software Lab	UBCAL2

II	1	Discrete Mathematics	UBCA07
	2	Object Oriented Programming with C++	UBCA08
	3	Computer Graphics	UBCA09
	4	Operating Systems	UBCA10
	5	Computer Organisation	UBCA11
	6	Computer Algorithms and Data Structure	UBCA12
	7	Practical Lab-3-C++Lab	UBCAL3
	8	Practical Lab-4-Graphics Lab	UBCAL4
	9	Part IV – General Knowledge	UKGL01
III	1	Software Engineering	UBCA13
	2	Client Server Computing with Oracle	UBCA14
	3	Computer Networks	UBCA15
	4	Multimedia Technology and Applications	UBCA16
	5	Java Programming	UBCA17
	6	Operations Research	UBCA18
	7	Programming Lab-5 Visual Basic, Oracle Lab	UBCAL5
	8	Programming Lab-6 Java	UBCAL6
	9	Part V – Environmental Studies	UENS01

Note:

Theory classes and practical training will be continued in recognized Computer Centre in various places. Students will be informed individually of the detailed schedule. Attendance is compulsory.

Part IV – General Knowledge [UGKL01]

This is a compulsory paper common for all U.G. Courses. Students have to write Examination on this paper at the end of the Second Year

Part V – Environmental Studies [UENS01]

This is a compulsory paper common for all U.G. Courses. Students have to write Examination on this paper at the end of the Third Year.

Scheme of Examination

Duration: 3 Hrs. Maximum: - 100 Marks Passing Min.: - 35 Marks