

Bachelor of Computer Applications:

Programme Code(BCA)

Objectives:

- To impart computer education and enhance knowledge about computer subjects.
- To develop better skills leading to self development and employability in computer application.
- To upgrade the professional skills and knowledge to enable them to work as teachers, programmers, analysts etc.
- To make the students eligible for admission in higher courses like M.Sc. (CS), MCA, M.Sc. (IT) etc.

Eligibility: Senior Secondary (10+2) passed or equivalent in any discipline from any recognized Board

Duration: Minimum 3 years; Maximum 6 years

Credit: 96

Fee*: BCA, I Year Rs. 12,000/-, BCA, II Year Rs. 12,000/-, BCA, III Year Rs. 12,000/-

*Prospectus fee Rs. 500/-, Examination Fee Rs. 500/-, Back Exam fee (if any) Rs 500/- will be payable extra

Programme Structure:

Bachelor of Computer Applications (BCA) - I Year

S. No.	Paper Code	Paper Title	Credit
1	BCA – 101	Introduction to Information Technology	4
2	BCA – 102	PC Software	4
3	BCA – 103	Problem Solving through 'C' Programming	4
4	BCA – 104	Basic Electronics	4
5	BCA – 105	Basic Mathematics	4
6	BCA – 106	Computer Organization	4
Practical Papers			
7	BCA – 107	PC Software Lab.	4
8	BCA – 108	'C' Programming Lab.	4

Bachelor of Computer Applications (BCA) - II Year

S. No.	Paper Code	Paper Title	Credit
1	BCA – 201	Computer Communication & Networks	4
2	BCA – 202	Database Management System	4
3	BCA – 203	Fundamentals of Operating Systems	4
4	BCA – 204	Data Structures using 'C'	4

5	BCA – 205	Systems Analysis and Design	4
6	BCA – 206	Business Communications	4
Practical Papers			
7	BCA – 207	Database Management Lab.	4
8	BCA – 208	Data Structures Lab.	4

Bachelor of Computer Applications (BCA) - III Year

S. No.	Paper Code	Paper Title	Credit
1	BCA – 301	Object Oriented Programming using C++	4
2	BCA – 302	Visual Application Development Using VB.Net	4
3	BCA – 303	Linux Environment	4
4	BCA – 304	Management Information System	4
5	BCA – 307	Project	8
Practical Papers			
6	BCA – 305	Linux	4
7	BCA – 306	Visual Programming & Web Designing Lab.	4

Evaluation & Examinations:

Internal Assignment: The internal assignment shall be of 30 marks. Two assignments will be given in each course. The internal assignment shall be submitted to the concerned IGC for onward submission to the University. Marks Obtained in assignments shall be shown separately in the Mark sheet. In Project Report Writing (BCA-307) there will be no Internal Assignment.

Term-End-Examination: There shall be a term-end-examination at the end of the minimum duration of the study i.e. one year. It carries a weightage of 70% marks. Term-End-Examination will be held in the months of June and December every year. There will be separate practical papers beside theory papers. The Practical component shall be of 100 marks further divided in 60 marks of Lab Work and 40 marks of Viva-voce. The students are at liberty to appear in any of the examinations conducted by the university during the year subject to the completion of the minimum time frame prescribed for the programme pursued. Examination forms are to be filled with Admission Form. For appearing in the examination of due papers a student has to submit examination form along with the requisite examination fee before the due date. If a student does not appear in any Term-End-Examination, he/she may appear in them in the subsequent Term-End-Examinations subject to a maximum of the credit ceiling prescribed by the University for an Examination. This facility will be available to a student to secure the minimum pass grade during the maximum duration prescribed for the programme.

The pass marks in Internal Assignments and Term-End-Examination is only 30% for any one of the components. The pass marks in Practical Examination shall be 50%. To clear a course as well as a programme as a whole a student is required to secure 35% marks in Theory Papers and 50% marks in Practical Papers.

Division shall be awarded to the successful candidates only after the final year as follows:

I – Division	60% and above
II – Division	48% and less than 60%
III – Division	35% and less than 48%