

Program Objectives:

- BCA course strives to create outstanding computer professionals with ethical and human values to reshape the nation's destiny. This program aims to prepare young minds for the challenging opportunities in the IT industry, nourished and supported by experts in the fields.
- The BCA Course aims at inculcating essential skills as demanded by the global software industry through interactive learning process. This also includes team-building skills, audio- visual presentations and personality development programs.
- The program enhances analytical, managerial and communication skill besides inculcating the virtues of self-study. The Curriculum has been designed to cater to the ever changing demands of information technology along with necessary inputs from the Industry.
- The OBJECTIVE of the course is to develop skilled manpower in the various areas of software industry and Information Technology
- To enable students for pursuing respectable career through Self- Employment, Executive Employment, Entrepreneurship, Professional Career in the field of service sectors such as e-Banking, Marketing, Investment, Insurance hospitality and other avenues.
- To develop inter-twining competence in the field of Commerce and Management, Computing Skill and Computational tools.
- To develop abilities for data analysis and interpretation Using ICT.
- To develop the basic programming skills to enable students to build Utility programs.
- To develop the foundation for higher studies in the field of Computer Application.
- To provide specialization in Management with technical, professional and communications skills.
- To train future industry professionals.
- To impart comprehensive knowledge with equal emphasis on theory and practice.
- To keep the students up-to-speed on all the latest and cutting edge technologies.

Bachelor in Computer Application (BCA-01)

| Code | Course Name | Course Objective |
|--------|-------------------------------|--|
| BCA101 | Discrete Mathematics | To provide basic knowledge of discrete math's for logic development. |
| BCA102 | Computer Fundamental | <ul style="list-style-type: none">To make students well familiar with computer and internet fundamentals |
| BCA103 | Programming in 'c' Language | <ul style="list-style-type: none">Prepare students to acquire knowledge of programming using C. It is the precursor and inspiration for almost all of the most popular high-level languages available today. |
| BCA104 | PC software and Multimedia | <ul style="list-style-type: none">To practically train student in using computer and MS-Office. |
| BCA105 | Web technology And E-Commerce | <ul style="list-style-type: none">To practically train students in using computers and internet technologies. To provide practical knowledge of basic PHP object oriented programming concepts. make students well familiar with JavaScript and CSS. |
| BCA106 | Communication Skill | To train students in strongly using communication skills in business and life. |
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Bachelor in Computer Application (BCA-02)

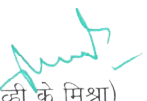
| Code | Course Name | Course Objective |
|--------|------------------------------------|---|
| BCA201 | Calculus and Differential Equation | To provide basic knowledge of discrete math's differential and integration. |
| BCA202 | Database Management System | To prepare students in using and managing databases. |
| BCA203 | Programming in 'c++' | <ul style="list-style-type: none">To train students in programming using object oriented concepts with C++ |
| BCA204 | Computer Network | To Provide student basic Network information and there types. |
| BCA205 | Operating System with Linux | <ul style="list-style-type: none">To make students understand the features of linux operating system.To make student learn the components of linuxTo learn basic linux commands and printing linux documents, |
| BCA206 | Foundation Course | <ul style="list-style-type: none">To Impart Basic Accounting Knowledge among students |
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Bachelor in Computer Application (BCA-03)

| Code | Course Name | Course Objective |
|--------|---|---|
| BCA301 | Part I- Calculus & Geometry Part II- Differential Equation & Fourier Series Part III- Computer System | To provide basic knowledge of discrete math's differential and integration and Fourier series and geometry formula for logic development. |

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| | Architect | |
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| BCA302 | Java | <ul style="list-style-type: none"> To prepare students to acquire knowledge of programming language using java. The student will be able to create application in java. |
| BCA303 | Operating System | <ul style="list-style-type: none"> To prepare student to make the computer system convenient to use in an efficient manner. To hide the details of the hardware resources from the users. To provide users a convenient interface to use the computer system..... To provide efficient and fair sharing of resources among users and programs. |
| BCA304 | Software Engineering | <ul style="list-style-type: none"> The basic objective of software engineering is to develop methods and procedures for software development that can scale up for large systems and that can be used consistently to produce high-quality software at low cost and with a small cycle of time. |
| BCA305 | MULTIMEDIA TOOLS AND APPLICATIONS | To prepare students to acquire the required skills to create animations and graphics, this can be helpful in building commercial websites. |
| BCA306 | A. Financial Management & Accountancy B. Foundation Course | <ul style="list-style-type: none"> To give practical knowledge of accounting to the student . to make the students competent in preparation of accounts for the business Entities. |
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