

Bachelor in Computer Application (BCA)

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) (AY 2017-2018) -

| Code | Course Name | Course Objectives |
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| 101 | Foundation Course for Managers | <ul style="list-style-type: none"> To study the fundamental Accounting concepts, terms, jargons and learn the process of recording of financial transactions in the books of Accounts. To develop the foundation for higher studies in the field of accounting.] |
| 102 | Computer Fundament and Networking | <ul style="list-style-type: none"> To make students well familiar with computer and networking fundamentals. |
| 103 | Essential of Web Design I | <ul style="list-style-type: none"> To make students well familiar Internet and Web designing |
| 104 | Programming In C | <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. |
| 105 | Practical on Computer & Internet | <ul style="list-style-type: none"> To practically train students in using computer and internet. |
| 106 | Practical on Web Design-I | <ul style="list-style-type: none"> To make students well familiar with internet and HTML Script |
| 107 | Practical on C Programming | <ul style="list-style-type: none"> To practically train students in C programming language. |
| 201 | Financial Accounting | <ul style="list-style-type: none"> To give the practical knowledge of accounting to the students. To make the students competent in preparation of Accounts for the Business Entities.] |
| 202 | Professional Communication | <ul style="list-style-type: none"> To impart the basic communication skills among students. |
| 203 | Essential of Web Design II | <ul style="list-style-type: none"> To make students well familiar with JavaScript and CSS |
| 204 | Programming In C++ | <ul style="list-style-type: none"> To train students in programming using object oriented concepts with C++. |
| 205 | Practical on Professional Communication | <ul style="list-style-type: none"> To impart basic communication skills among students |
| 206 | Practical on Web Design-II | <ul style="list-style-type: none"> To make students well familiar with css and JavaScript |
| 207 | Practical on C++ Programming | <ul style="list-style-type: none"> To practically train students in programming in object oriented way using C++. |

Bachelor in Computer Application (BCA) (AY 2014-17)

| Code | Course Name | Course Objectives |
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| BCA 11 | Foundation Course for Managers | <ul style="list-style-type: none"> To Impart Basic Accounting Knowledge among students. |
| BCA 12 | Professional Communication I | <ul style="list-style-type: none"> To impart basic communication skills among students |
| BCA 13 | Fundamentals of Computer & Internet | <ul style="list-style-type: none"> To make students well familiar with computer and internet fundamentals |
| BCA 14 | Programming in C++ Part I | <ul style="list-style-type: none"> To Train students with basic concepts of programming using C++. |
| BCA 15 | Practical on Internet & | <ul style="list-style-type: none"> To practically train students in using computers and |

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| | HTML | internet technologies. |
| BCA 16 | Practical on Professional Communication I | <ul style="list-style-type: none"> To practically train students in using various modes of communication |
| BCA 17 | Practical on C++ Part I | <ul style="list-style-type: none"> To practically train students in developing programming and logical skills using C++ programming language. |
| BCA 21 | Financial Accounting & Costing | <ul style="list-style-type: none"> To Understand Accounting Standards. To Understand The Formation Of Public Limited Company Having Share Capital. To develop various types of Financial Statements. To Understand the Cost Estimation and Costing Process |
| BCA 22 | Professional Communication II | <ul style="list-style-type: none"> To train students in strongly using communication skills in business and life. |
| BCA 23 | Database Management | <ul style="list-style-type: none"> To prepare students in using and managing databases. |
| BCA 24 | Programming in C++ Part II | <ul style="list-style-type: none"> To train students in programming using object oriented concepts with C++. |
| BCA 25 | Practical on MS-Access & Oracle | <ul style="list-style-type: none"> To practically train students in using databases with MS-Access and Oracle. |
| BCA 26 | Practical on Professional Communication II | <ul style="list-style-type: none"> To practically train students in confidently using communication skills in business and life. |
| BCA 27 | Practical on C++ Part II | <ul style="list-style-type: none"> To practically train students in programming in object oriented way using C++. |

| Code | Course Name | Course Objectives |
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| BCA 31 | Mathematics and Statistics for Managers | <ul style="list-style-type: none"> To impart the required knowledge of Mathematics and statistics for managerial activities among students. |
| BCA 32 | Computer Animation Using Flash | <ul style="list-style-type: none"> To make students well familiar with skill of creating computer Animation |
| BCA 33 | Career Management & Counseling | <ul style="list-style-type: none"> To educate students regarding various career avenues. |
| BCA 34 | Java Programming | <ul style="list-style-type: none"> To impart the knowledge of object oriented programming using java among student. |
| BCA 35 | Practical on Computer Animation | <ul style="list-style-type: none"> To practically train students in creating animations using flash. |
| BCA 36 | Practical on Java | <ul style="list-style-type: none"> To practically train students in computer programming using java. |
| BCA 37 | Practical on Tally ERP | <ul style="list-style-type: none"> To practically train students in Accounting using Tally. |
| BCA 41 | C# .Net | <ul style="list-style-type: none"> To impart the knowledge of object oriented programming using C# among student. |
| BCA 42 | Stock And Commodity Market | <ul style="list-style-type: none"> To impart the knowledge of capital market and global economy among student. |
| BCA 43 | Data Structure | <ul style="list-style-type: none"> To impart the knowledge of data structure among student |
| BCA 44 | Cyber Crime and Security | <ul style="list-style-type: none"> To impart the knowledge of Cybercrime and cyber |

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| | | security among student. |
| BCA 45 | Practical on Transaction related to Stock And Commodity | <ul style="list-style-type: none"> • To make the students aware online transaction related to stocks. |
| BCA 46 | Practical on Data Structure using C++ | <ul style="list-style-type: none"> • To practically train students in Data structure using C++. |
| BCA 47 | Practical on C# .Net | <ul style="list-style-type: none"> • To practically train students in programming in C#.NET |

| Code | Course Name | Course Objectives |
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| BCA 51 | Entrepreneurship Development | <ul style="list-style-type: none"> • To understand the concept of entrepreneurship. • To know the qualities of entrepreneur. • To describe the types of entrepreneur. • To identify the new business opportunities. • To know the Entrepreneurship Development Programme. • To acquaint with Role of Entrepreneur and Inducement measures. • To under entrepreneurship development theories and factors affecting. |
| BCA 52 | Soft Skills Development | <ul style="list-style-type: none"> • To impart the soft skills in students. |
| BCA 53 | Linux Operating System | <ul style="list-style-type: none"> • To make students understand the features of Linux operating system • To make students learn the components of Linux • To learn basic Linux commands and printing Linux documents. |
| BCA 54 | Internet Programming with ASP.NET | <ul style="list-style-type: none"> • To impart the knowledge of web development in students in by using ASP.NET |
| BCA 55 | Practical on Soft Skills Development | <ul style="list-style-type: none"> • To train students to use the soft skills efficiently |
| BCA 56 | Practical on ASP.net & Linux O.S. | <ul style="list-style-type: none"> • To practically train students in developing web pages using ASP.NET and to familiar them with Linux Operating System. |
| BCA 57 | Field Work | <ul style="list-style-type: none"> • To understand the social issues in the society by carrying out a real life social project using research methodology. |
| BCA 61 | Introduction to ERP and SAP | <ul style="list-style-type: none"> • Provide hands-on experience for students by embedding SAP software and resources to enhance their learning of ERP and CRM concepts, an integral part of global business. • Build relevant ERP, CRM and SAP skills for students to create competitive hiring advantage. • To Aware the students about Current scenario for ERP in market and The current version of ERP |

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| BCA 62 | System Analysis And Design | <ul style="list-style-type: none"> • The course has been designed to provide a solid foundation of systems principles and an understanding of how business functions, while heighten students may understand the issues and responsibility of analysts. |
| BCA 63 | Server Side Scripting using | <ul style="list-style-type: none"> • To provide the knowledge of basic PHP object oriented |
| | PHP | <ul style="list-style-type: none"> programming concepts • To provide knowledge of PHP scripting • To provide knowledge of database connectivity with |
| BCA 64 | Introduction to Information System Audit | <ul style="list-style-type: none"> • To impart the knowledge and importance of Information System and Audit among students for Quality Management. |
| BCA 65 | Practical on PHP | <ul style="list-style-type: none"> • To provide practical knowledge of basic PHP object oriented programming concepts |
| BCA 66 | Practical on CASE Tool with MS VISIO | <ul style="list-style-type: none"> • To practically train students in Computer Aided Software Engineering Tools. |
| BCA 67 | Project | <ul style="list-style-type: none"> • To prepare students to use applications of the theory and practical learned during the course. . |

Program Objectives:

- The main objective of this course is to develop future managers for offices and/or software developers, support professionals, who would meet, the dynamic needs of the industry in a competitive and challenging environment.
- The program aims at providing expertise to students in different Office support system and software development area.

The broad objectives of the Program are:

- To equip the students with requisite knowledge, skills and right attitude necessary to provide effective software development skills in a global environment.
- To prepare students for respectable career in the Software Design, Development & Testing. Also in Software Support, e-commerce, e-business, e-banking, eservices, e-governance etc. Or in business management domain where management is augmented by information communication technology.
- To develop inter-twining competence in the field of Commerce and Management, Computing Skill and Computational Tools.
- To prepare students for respectable career in the Software Design, Development & Testing. Also in Software Support, e-commerce, e-business, e-banking, e-services, e-governance etc. Or in business management domain where management is augmented by information communication technology.
- To develop inter-twining competence in the field of Commerce and Management, Computing Skill and Computational Tools.

To develop students as Cyber Security experts, Information System Auditors.

Master in Management Studies (Computer Management) (AY 2017-2018) -

| Code | Course Name | Course Objectives |
|-------------|---|---|
| 1.1 | Principles of Management | <ul style="list-style-type: none">• To acquaint the students with the basic Business Management concept & process. |
| 1.2 | Financial Accounting | <ul style="list-style-type: none">• To prepare students about important financial accounting concepts and understand usage of• Tally ERP software. |
| 1.3 | Web Designing and Web Authoring Tools | <ul style="list-style-type: none">• To prepare students in web designing using various web tools. |
| 1.4 | ICT fundamentals & Office Automation | <ul style="list-style-type: none">• To prepare students in understanding ICT basics and to make aware of Office automation using MS- Office. |
| 1.5 | Programming in C | <ul style="list-style-type: none">• To Train students with basic concepts of programming using C. |
| 1.6 | Lab I-Practical on Tally ERP & Web Designing | <ul style="list-style-type: none">• To understand account terms in Tally.• To handle account transaction using tally.• To understand HTML Language. |
| 1.7 | Lab II-Practical on Office Automation & C Programming | <ul style="list-style-type: none">• To prepare students in understanding ICT basics and to make aware of Office automation using MS- Office.• To Train students with basic concepts of programming using C. |
| 2.1 | Communication Skills | <ul style="list-style-type: none">• To study the personality development of individuals in the micro perspective.• To provide employability skills• To know the process of Interview Techniques& Group discussion.• To understand the needs and benefits of written communication. |
| 2.2 | Management Information System | To develop the knowledge about process of MIS and its application to the business for decision making process. |
| 2.3 | System Analysis and Design | The course has been designed to provide a foundation of systems principles and an understanding of System development. |
| 2.4 | RDBMS | <ul style="list-style-type: none">• To prepare students in using and managing databases. |
| 2.5 | Object Oriented Programming using C++ | <ul style="list-style-type: none">• To train students in programming using object oriented concepts with C++. |
| 2.6 | Lab ID-Practical on RDBMS | <ul style="list-style-type: none">• To prepare students in using and managing databases. |
| 2.7 | Lab IV-Practical on C++ | <ul style="list-style-type: none">• To train students in programming using object oriented concepts with C++. |