

Dr. B.B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA
Choice Based Credit System

Course Outcome for Bachelor of Computer Applications

Course Code	Course Name: B.C.A.	Course Outcome
BCAC 131	Fundamentals of Information Technology	Students will be able to identify various devices and their working principles.
BCAC132	Problem Solving using C	To apply programming knowledge to create solutions to challenging problems, including specifying, designing, implementing and validating solution for new problems.
BCAC 133	Computer Organisation	At the end of this course students will learn various number systems, Boolean algebra concepts, various design concepts of computer system like logical gates m registers, counters.
BCAP 134	Office Automation Lab	<ul style="list-style-type: none"> • Syllabus educate the students abut Microsoft office Automation Tools • Syllabus imparts knowledge about Computer and its working principles • Allocated lab hours by the University is not enough to complete the syllabus
BCACE 136	Internet Basics and HTML	At the end of this course students will be able to understand features of internet and email, develop simple web pages using HTML and style sheets.
BCAC 181	Basic Mathematics	Students will understand the foundation of mathematics, perform computations in mathematics, develop problem solving skills required for computer applications.
BCAC 182	Object Oriented Programming using C++	On completion of course students will understand how to apply the major object oriented concepts to implement object oriented programs in C++.
BCAC 183	Data base Concepts and Oracle	The students will be able to describe data models and scheme as in DBMS and to understand the feature of DBMS and relational data base.
BCAP 184	C++ LAB	<ul style="list-style-type: none"> • Allocated lab hours by the University is not enough to complete the syllabus • This Subject educate the student about basics of Programming Skills • It is the foundation for the Object-Oriented Programming languages
BCACE 188 - E3	Artificial Intelligence	At the end of the course students will aware various searching techniques, constraints satisfaction problems and example problems.
BCAC 231	Operating Systems and Linux	At the end of the course students will able to analyse the structure of OS and basic architectural components involved in design. Analyse the various resource management techniques.
BCAC 232	Data Structure	To describe the usage of various data structure and to demonstrate the various methods of

		organising large amounts of data.
BCAC 233	Visual Basic.Net Programming	To develop skill in VB.Net framework, tools, programming and connectivity with data base.
BCACE 236 E1	Hardware and PC Maintenance	At the end of the course students will fully aware of assembling computer system and installing various operating systems and other software.
BCAC 281	Computer Graphics and Animations	Students are able to draw primitive graphical shapes and perform transformation techniques programmatically.
BCAC 282	Java Programming	Know the structure and model of the Java programming language and use the Java programming language for various programming technologies.
BCAC 283 E1	Data Mining	Students will learn various data mining concepts, association rules and clustering techniques.
BCAC 284 E2	Computer Oriented Numerical Analysis	Students will be able to solve a differential equation using an appropriate numerical method and apply numerical concepts in coding.
BCAC 285 E3	Business Mathematics and Statistics	This foundation will help students in understanding analytical procedures used in business analytics.
BCAOE 288 E1	Fundamentals of ICT	Students will be able to design, implement and evaluate a computer based system, process, component, program to meet desired needs.
BCAOE 289 E2	E - Commerce	Students will be fully aware of the principle and practice of electronic commerce.
BCAC 331	Software Engineering	Students will be successful professionals in the field with fundamental knowledge of software engineering.
BCAC 332	Computer and Communication Network	Students will be able to understand the architectural principles of computer networking and compare different approaches to organising networks.
BCAC 333	Distributed Computing	Students will be able to understand concepts behind distributed system. Develop test and debug RPC based client server programmes.
BCAC 334	Web Technology	Students will have sound knowledge of web application technologies, internet tools and design to be reusable the software components in a variety of different environment.
BCAC 335	Python Programming	Students will be skilled at creating, debugging and testing a software application using the python programming language.
BCAC 336 E1	Account and Financial Management	Apply skills in computerised accounting for maintaining accounting records, making management decisions and processing common business applications.
BCAC 337 E2	Android Application Development	Students will be able to use the knowledge of android architecture and the tools for developing android applications.

BCAC 338 E3	SCI Lab Programming	Students should be able to understand the need for implementation for the verification of mathematical functions
BCAC 381	E - Commerce	Students will be fully aware of the principle and practice of electronic commerce.
BCAC 382	Network Security and Management	Students will be Aware of various laws related to information security and physical points of vulnerability in a networks.
BCAC 383	Software Testing	Students will be able understand the importance of the software testing, different testing techniques and use of various test tools.
BCAC 384 E1	Programming for Analytics	Students will be able to analyse and interpret data using an ethically responsible approach.
BCAC 385 E2	Multivariate Data Analysis	Students will be able obtain process and transform data
BCAC 386 E3	Business Statistics with R	Students will be able to analyse and interpret data using an ethically responsible approach and will obtain process and transform data.
BCAC 387	Project Work	<ul style="list-style-type: none"> • Primary emphasis of the Project work is to understand and gain the knowledge of the principles of software engineering practices. • It gives opportunities to the students to take up project of software industry or any research organization or the real-life problems suggested by the institution. • Students are going to understand team work, Co-ordination of work and time constraint.

(For) *V. S. Gajjar*
(1/c)

Head Of the Department

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Dr. B.B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA
Credit Based System

Course Outcome for Bachelor of Computer Applications

Subject Code	Course Name: B.C.A.	Course Outcome
BCA 103	Fundamentals of Information Technology	<ul style="list-style-type: none"> • This syllabus is as per the need of BCA students. • It also impacts the knowledge about computers and their working principles. • It educates the students about Microsoft office tools.
BCA 104	Problem Solving using C	<ul style="list-style-type: none"> • This syllabus enables the students to develop the skills in solving problems, to obtain the knowledge about the structure of the programming language C and to develop the program writing and logical thinking skill. • It helps the students to apply programming knowledge to create solutions to challenging problems, including specifying, designing, implementing and validating solutions for new problems.
BCA 105	Computer Organisation	<ul style="list-style-type: none"> • The syllabus introduces the number system and Boolean algebra. • It also enables the student to understand the design component of a digital subsystem that required realising various components such as registers, counters, etc.
BCA 106	FIT Lab	<ul style="list-style-type: none"> • The ability to learn about the basics of excel, PowerPoint, access word document which are basic necessary of the computer information's and the basics of the computer subjects.
BCA 107	C Programming Lab	<ul style="list-style-type: none"> • This Subject educate the student about basics of Programming • It is the foundation for the Procedural Programming languages
BCA 203	Basics of Networking	<ul style="list-style-type: none"> • This syllabus gives the complete knowledge about networking. • Students will get the detailed knowledge about the principles and working of network topologies, working of network components and network operating system.
BCA 204	Object Oriented Programming using C++	<ul style="list-style-type: none"> • This course enables the advance of the C programming language, which consist of advance concept • The syllabus helps the students to understand the concept of object-oriented programming and create software application using OOP's concept.

BCA 205	Database Concepts and Oracle	<ul style="list-style-type: none"> • The syllabus provides the knowledge about RDMBS concepts, SQL concepts and PL/SQL programming. • It also provides the knowledge about database normalisation and to learn theory behind data models and query languages.
BCA 206	C++ Programming Lab	<ul style="list-style-type: none"> • This Subject educates the student about basics of Programming skills. • It is the foundation for the Object-Oriented Programming languages.
BCA 207	Oracle Lab	<ul style="list-style-type: none"> • This subject educates the student about Query language and procedural query language. • Syllabus enables the study of database management system.
BCA 301	Basic Mathematics	<ul style="list-style-type: none"> • This syllabus enables the students to develop problem solving skill which is required for computer applications and also gives the foundations of mathematics concepts and perform computations
BCA 302	Microprocessors	<ul style="list-style-type: none"> • This course provides the basic understanding of methods of how a microprocessor works its evolution and assembly level language. • This syllabus enables the students to acquire knowledge of programming and interfacing of Intel family of microprocessors. • It helps the students to understand the concepts such as addressing modes, different directives and instructions and its services.
BCA 303	Data Structures	<ul style="list-style-type: none"> • This syllabus demonstrates the implementation of algorithms and procedures related to data structures concepts. • It also provides the notations of algorithm complexity, applications of data structure and covers the working of advanced data structures. • Students learnt about the simplified presentations for important topics like recursion, sorting and searching methods, hashing.
BCA 304	Operating System	<ul style="list-style-type: none"> • Students will learn about UNIX and LINUX operating systems as well as LINUX commands.
BCA 305	Data Mining	<ul style="list-style-type: none"> • It helps the students to understand basic concepts and techniques of data mining, the methodology of data ware housing and data mining to derive business rule for decision support systems.

BCA 306	Microprocessor Lab	<ul style="list-style-type: none"> • The complete set of 8086 assembly level language programs enables the students to understand the different directive and instructions of 8086, interrupts and its services. • By the ALP students will have the comprehensive ability of problem solving and coding, compiling and debugging, execution and testing.
BCA 307	Data Structure & OS Lab	<ul style="list-style-type: none"> • The programs illustrate the operations on primitive and non-primitive data structures. • The students will get the better understanding of shell programming through the LINUX commands.
BCA 401	Computer Graphics and Multi Media	<ul style="list-style-type: none"> • To inculcate knowledge on Graphics & Multimedia concepts and to apply the creativity in real-time using algorithms and animation techniques. • This syllabus provides variety of mathematical methods which are used in Computer Graphics.
BCA 402	Visual Basic .NET Programming	<ul style="list-style-type: none"> • This syllabus enables the students to develop skill in VB.NET Framework, tools, programming and working with databases. • It also educates about Visual Basic .NET support packages and programming with graphical interface using OOP concepts.
BCA 403	Principles of TCP/IP	<ul style="list-style-type: none"> • This syllabus provides the knowledge about growth of internet. • It also gives the detailed picture about internetworking paradigm, architectural model and internet addressing. • Students will learn about various network protocol and Internet protocol version 6.
BCA 404	E-Commerce	<ul style="list-style-type: none"> • This syllabus is helpful to the students for more trending technologies like online shopping and online business process. • It also needed for day-to-day transaction of life. • It enables the students to know about doing business over inter connected network using web-based technologies
BCA 406	Computer Graphics Lab	<ul style="list-style-type: none"> • Using Computer Graphics algorithms and library functions the students will have the ability to design different objects.
BCA 407	VB.Net Lab	<ul style="list-style-type: none"> • Through the user-friendly VB IDE students can easily develop their own applications with the support of rich library. • It enables the students to develop skills in VB.NET framework tools, Programming and working with Database.

BCA 501	Software Engineering	<ul style="list-style-type: none"> It imparts to the students' knowledge and skills that are needed to successfully execute a project of a few person months by employing the proper practices and techniques.
BCA 502	Linux Environment	<ul style="list-style-type: none"> This course will prepare students to develop software in and for Linux environments. It includes basic operating system concepts, effective command line usage, shell programming, the C language, programming development tools, system programming, network programming (client server model and sockets), and GUI programming.
BCA 503	Web Development in .NET	<ul style="list-style-type: none"> This Course gives the students about theoretical knowledge of web application development and makes them aware on programming web application in different technology.
BCA 504	Java Programming	<ul style="list-style-type: none"> This syllabus enables the students to develop skill in Java Programming, and OOPS concepts.
BCA 505- E.2.1	Artificial Intelligence	<ul style="list-style-type: none"> The syllabus provides strong foundation of fundamental concepts in artificial intelligence. It enables the students to apply these techniques in applications which involve perceptions, reasoning and learning. This syllabus coupled with the classical AI Models should definitely motivate the students to generate novel ideas for AI based application scenarios.
BCA 505	Distributed Computing	<ul style="list-style-type: none"> It educates the students about recent advances in computers and telecommunication networking, particularly those based on TCP/IP and networking terminologies. The syllabus incorporates both conceptual topics and practical topics using programming samples. This enables the students to engage in net-centric computing.
BCA 507	Web Technology Lab	<ul style="list-style-type: none"> Students gain the knowledge about design of web pages and working with database on successful completion.
BCA 508	DC & Java Lab	<ul style="list-style-type: none"> The syllabus incorporates both conceptual topics and practical topics using programming samples. The student will able to design Java programs using the concepts of inheritance, interfaces, packages, multithreading, swings and applets. It examines significant portion of the Java API libraries and tools.

BCA 601	Project Work	<ul style="list-style-type: none"> • Primary emphasis of the Project work is to understand and gain the knowledge of the principles of software engineering practices. • It gives opportunities to the students to take up project of software industry or any research organization or the real-life problems suggested by the institution. • Students are going to understand team work, Co-ordination of work and time constraint.
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Dr. B. B. Hegde First Grade College, Kundapura

Department of Physics

Course outcome as per National Education Policy

Course Code	Course Name: Physics	Course Outcome
A1	Mechanics & Properties of Matter	<ul style="list-style-type: none">• will learn fixing units, tabulation of observations, analysis of data (graphical/analytical)• Will learn about accuracy of measurement and sources of errors, importance of significant figures.• will know how g can be determined experimentally and derive satisfaction• Will see the difference between simple and torsional pendulum and their use in the determination of various physical parameters.• Will come to know how various elastic moduli can be determined.• Will measure surface tension and viscosity and appreciate the methods adopted.• Will get hands on experience of different equipment.
A2	Electricity and Magnetism	<ul style="list-style-type: none">• Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges.• Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics.• Apply Gauss's law of electrostatics to solve a variety of problems.

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| | | <ul style="list-style-type: none"> • Describe the magnetic field produced by magnetic dipoles and electric currents. • Explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields. • Describe how magnetism is produced and list examples where its effects are observed. • Apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor. • Apply various network theorems such as Superposition, Thevenin, Norton, Maximum Power Transfer, etc. and their applications in electronics, • Reciprocity, electrical circuit analysis, and electrical machines. |
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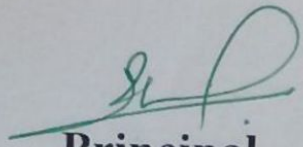
Dr. B.B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA
Choice Based Credit System

Course Outcome for Bachelor of Science

Course code	Course Name: Physics	Course outcome
BSCPHC 131	General Physics I	To provide the ideas about the geometrical symmetry. To know how to solve the problems relating to the concept involved. to provide the guidance about the central force.
BSCPHCE 133	Physics of Radiation and Environment	To study the functions of human eye to understand the concept of x-ray and doppler effect.
BSCPHC 181	General Physics II	To know about the fluid dynamics, elasticity and to provide ideas about viscosity.
BSCPHC 231	Optics	To provide a good foundation in optics. And acquiring knowledge on the behaviour of light.
BSCPHC 281	Electricity and X-Ray Crystallography	To gain the knowledge about the Network theorem. Have an understanding about the low pass, band pass filters.
BSCPHC 331	Modern Physics	Have an understanding of the optical properties of solids and the relation to their electronic properties.
BSCPHC 332	Condensed Matter Physics	Have an understanding of the properties of metals on the basis of free electron gas models. And have an understanding of essence of density functional theory and its underlying building blocks and also magnetic properties of condense matter
BSCPHC 381	Nuclear Physics	Study of the structure of nucleus know the formation of nucleus and their binding energy.
BSCPHC 382	Electronics	To motivate the students to apply the principles of electronic in their day to day life. And also to apply the development of the electronic instruments.


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Course Outcome for Bachelor of Science		
Course code	Course Name: Physics	Course outcome
BSCPHC 103	General Physics I	Inertial and non inertial frame of reference. Study of interaction of forces between solids in mechanical systems.
BSCPHC 152	General Physics II	Centre of mass and inertial tensor of mechanical systems. Application of the vector theorem of mechanics, Newton's Law of Motion and Conservation principles, introduction to analytical mechanics as a systematic tool for problem solving.
BSCPHC 203	Optical Physics	To provide a good foundation in optics. And acquiring knowledge on the behaviour of light.
BSCPHC 253	Electricity and X- Ray crystallography	To gain the knowledge about the Network theorem. Have an understanding about the low pass, band pass filters
BSCPHC 331	Modern Physics	Gain knowledge of basic Quantum Mechanics Principle and explain the concept, which cannot explained by Classical Mechanics.
BSCPHC 332	Condensed Matter Physics	Have an understanding of the properties of metals on the basis of free electron gas models. And have an understanding of essence of density functional theory and its underlying building blocks and also magnetic properties of condense matter
BSCPHC 381	Nuclear Physics	Study of the structure of nucleus know the formation of nucleus and their binding energy.
BSCPHC 253	Electronics	To motivate the students to apply the principles of electronic in their day to day life. And also to apply the development of the electronic instruments.


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Dr. B. B. Hegde First Grade College, Kundapura

Department of Chemistry

Course outcome as per National Education Policy

Course Code	Course Name:	Course Outcome
DSC-1	Chemistry Analytical and Organic Chemistry-I	<ul style="list-style-type: none">• The concepts of chemical analysis, accuracy, precision and statistical data treatment• Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.• The concept of volumetric and gravimetric analysis and deducing the conversion factor for determination• Handling of toxic chemicals, concentrated acids and organic solvents and practice safety procedures.• The concepts of Organic reactions and techniques of writing the movement of electrons, bond breaking, bond forming
DSC-2	Inorganic and Physical Chemistry-I	<ul style="list-style-type: none">• The Bohr's theory of atomic structure and how it was developed• Quantum numbers and their necessity in explaining the atomic structure• The concept of unit cell, symmetry elements, Nernst distribution law.

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Choice Based Credit System
Course Outcome for Bachelor of Science

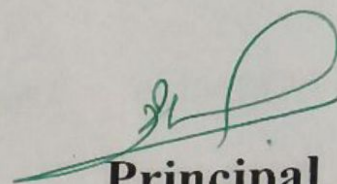
Course Code	Course Name: Chemistry	Course Outcome
BSCCHC131	Chemistry Paper I	To identify the organic compounds by chromatography, to do comparative study of structure and bonding between the molecules, to study the reaction of catalysis and mechanism, to acquaint the knowledge of aromaticity.
BSCCHC181	Chemistry Paper II	To learn thermodynamic equations, to compare properties of p block elements with their compounds, to understand the structure and bonding of noble gases, to gain the knowledge of manufacture of some materials, to learn synthesis of organic compounds with mechanism.
BSCCHCE 183	Elective	Acquiring the knowledge of synthesis of basic structure and functioning of computers, basic laboratory practices, role of serendipity in drug discovery. Preparation of laboratory reagents and maintenance of electrodes.
BSCCHC 231	Chemistry Paper III	To understand the concept of Carnot cycle, to do comparative study of d and f block elements, to study theories of acids and base, to learn reactivity of phenols, ethers, epoxides and carbonyl compounds.
BSCCHC 281	Chemistry Paper IV	To learn the concepts of VBT and CFT, to determine the surface area and area of cross section of molecules, thermodynamic derivations of relation between elevations of different state of solutions can be done, stereochemistry and factors affecting the reactions can be studied.
BSCCHC 331	Chemistry Paper V	Acquiring the knowledge of stability of the complexes, origin of magnetism, different types and working of electrodes, moment of inertia of diatomic molecules, types of isomerism, synthesis of vitamins.
BSCCHC 332	Chemistry Paper VI	To understand the concept of quantum theory, Schrodinger wave equation, L-S coupling, R-S coupling, Orgel diagram, biological role of metals, hydrogenation of alkenes, hetero atoms in organic chemistry.
BSCCHC 381	Chemistry Paper VII	Explore the knowledge of synthesis, structure and application of polymers, laws of photochemistry, classification and structure of amino acids, elucidation and synthesis of alkaloids.

BSCCHC 382	Chemistry Paper VIII	To acquire the knowledge of spectrophotometry, analysis of UV, NMR, mass spectroscopy, synthesis and mode of action of drugs can be studies. Application of pesticides, fungicides and herbicides are learnt.
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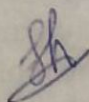
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Dr. B.B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA
Credit Based System

Course Outcome for Bachelor of Science

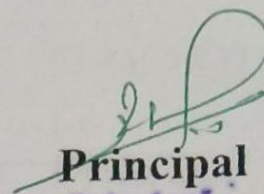
Subject Code	Course Name: Chemistry	Course Outcome
BSCCHC 103	Chemistry Paper I	To identify the organic compounds by chromatography, to do comparative study of structure and bonding between the molecules, to study the reaction of catalysis and mechanism, to acquaint the knowledge of aromaticity
BSCCHC 153	Chemistry Paper II	To learn thermodynamic equations, to compare properties of p block elements with their compounds, to understand the structure and bonding of noble gases, to gain the knowledge of manufacture of some materials, to learn synthesis of organic compounds with mechanism.
BSCCHC 203	Chemistry Paper III	To understand the concept of Carnot cycle, to do comparative study of d and f block elements, to study theories of acids and base, to learn reactivity of phenols, ethers, epoxides and carbonyl compounds.
BSCCHC 251	Chemistry Paper IV	To learn the concepts of VBT and CFT, to determine the surface area and area of cross section of molecules, thermodynamic derivations of relation between elevations of different state of solutions can be done, stereochemistry and factors affecting the reactions can be studied.
BSCCHC 301	Chemistry Paper V	Acquiring the knowledge of stability of the complexes, origin of magnetism, different types and working of electrodes, moment of inertia of diatomic molecules, types of isomerism, synthesis of vitamins
BSCCHC 302	Chemistry Paper VI	To understand the concept of quantum theory, Schrodinger wave equation, L-S coupling, R-S coupling, Orgel diagram, biological role of metals, hydrogenation of alkenes, hetero atoms in organic chemistry.
BSCCHC 351	Chemistry Paper VII	Explore the knowledge of synthesis, structure and application of polymers, laws of photochemistry, classification and structure of amino acids, elucidation and synthesis of alkaloids.

BSCCHC 352	Chemistry Paper VIII	To acquire the knowledge of spectrophotometry, analysis of UV , NMR, mass spectroscopy, synthesis and mode of action of drugs can be studied.
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Dr. B. B. Hegde First Grade College, Kundapura

Department of Mathematics

Course outcome as per National Education Policy

Course Code	Course Name: Mathematics	Course Outcome
MATDSC1.1	Number Theory-I, Algebra-I and Calculus - I	<ul style="list-style-type: none">● Learn to solve system of linear equations.● Solve the system of homogeneous and non homogeneous linear of m equations in variables by using concept of rank of matrix, finding eigen values and eigen vectors.● Sketch curves in Cartesian, polar and pedal equations.● Students will be familiar with the techniques of integration and differentiation of function with real variables.● Identify and apply the intermediate value theorems and L'Hospital rule.
MATDSC2.1	Number Theory-II, Algebra-II and Calculus - II	<ul style="list-style-type: none">● Learn Free and Open Source Software (FOSS) tools for computer programming● Solve problem on algebra and calculus theory studied in MATDSC 1.1 by using FOSS software's.● Acquire knowledge of applications of algebra and calculus through FOSS

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Department of Mathematics

Course outcome for Choice Based System(B.Sc)

Course Code	Course Name : Mathematics	Course Outcome
BSCMTC131	Calculus and Analytical geometry	Students will get the knowledge about curve sketching, solving differential equation
BSCMTC181	Number theory and Calculus	Students will learn how to convert binary to decimal and decimal to binary digits and Polar coordinates
BSCMTC231	Sequence, Series and Diferential equations	Students will learn different tests on converges and how to use operator D for differential equations
BSCMTC281	Algebra and Complex Analysis	Students will learn basic concepts of Group theory and problems related to Complex variable
BSCMTC331	Algebra and Laplace Transform	Students will learn Rings and Fields and also about transforms
BSCMTC332	Graph Theory	Students will learn basic definition of graphs and problems under graph matrices
BSCMTC381	Numerical Analysis	Students will learn problems under errors and finite difference
BSCMTC384	Partial differential equations	Students will learn problems on differential equations and higher order differential equations

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Department of Mathematics

Course outcome for Credit Based System(B.Sc. & BCA)

Course Code	Course Name : Mathematics	Course Outcome
MT101	Number theory and Calculus	Students will learn how to convert binary to decimal and decimal to binary digits and also they will learn how to sketch the graph
MT151	Calculus, Group theory and Differential equations	Students will study some concepts come under group theory like L'Hospital's rule, Polar and Cartesian equations and also learn how to solve differential equations
MT201	Number theory, Partial derivatives and Group theory	Students will learn some application of congruences and partial derivatives. And also they study about the proofs of named theorems like Lagrange's, Euler's
MT251	Multiple integrals, Complex variables, Sequence and Series	Students will learn how to evaluate multiple integrals and problems related to Complex variable
MT301	Differential equations and Ring theory	Students will learn how to use operator D for differential equations and proofs related to Ring theory.
MT302	Numerical Analysis	Students will learn how obtaining numerical solution to problems involving continuous variables
MT351	Partial differential equations, Fourier series and linear algebra	Students will learn how to solve Fourier series and linear algebra
MT352	Graph Theory	Students will study basic definitions and types of graphs. And also Matrix representation
BCA301	Basic Mathematics	Students will learn basic concepts of Mathematics
BCA405	Computer Oriented Numerical Analysis	Students will learn how obtaining numerical solution to problems involving continuous variables

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