

2.6.1

COPO Geography



Khadki Education Society's
Tikaram Jagannath
 Arts, Commerce & Science College



Department of Geography

PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Programme Outcomes :B.A (Geography)	
Programme Outcomes (PO)	
PO1:	Define and develop the interdisciplinary approach through the study of Geography
PO2:	Enhance employability and entrepreneurs skills among the students.
PO3:	Demonstrate and appreciate the importance of diverse cultural, economic, regional, and resources perspective.
PO4:	Realization the importance of relation between Geography and various branches of Humanities, mental moral sciences.
PO5:	Demonstrate and understand the important concept and theories in the field of Geography.
Programme Specific outcomes (PSC)	
PO6:	Demonstrate knowledge of physical and cultural features of the earth's surface.
PO7:	Define basic disciplines of Geography and its subbranches.
PO8:	Discuss the basic concepts and terminologies used in Geography like interior of the earth, plate tectonic, sea floor spreading, population growth, disasters, composition and structure of atmosphere, hydrosphere, etc.
PO9:	Distinguish between minerals and rocks, weather and climate, interior of the earth, basic industries, farming etc.
PO10:	Describe the causes and effects of local, national and international problems like global warming, acid rain, ozone depletion, soil degradation, deforestation etc.



COURSE OUTCOMES (CO): Class: FYBA (Geography)

Class	Subject Code	Subject Name	Semester
FYBA	11201	Physical Geography	I

Course outcomes:

- CO1** : Students recognize the basic concepts in Physical geography.
- CO2** : Students are realized the utility and application of Physical geography in different regions and environment
- CO3** : Acquaint with Earth system (Lithosphere, Atmosphere, Biosphere and Hydrosphere).
- CO4** : Students recognize the principles and applications of Hydrology and Oceanography to address water resource and environment related problems.

Class	Subject Code	Course Name	Semester
FYBA	12201	Human Geography	II

Course outcomes:

- CO1** : Students recognize the basic and latest concepts in Human Geography
- CO2** : Students are demonstrating applications of Human Geography in different regions of environment.
- CO3** : Acquaint with Settlement pattern and rural and urban settlement
- CO4** : Students are made aware about the Agriculture types and pattern..

COURSE OUTCOMES (CO): Class: SYBA (Geography)

Class	Subject Code	Course Name	Semester
SYBA	23205	Environmental Geography- I	III

Course outcomes:

- CO1** : Students are awareness about dynamic environment among the student.
- CO2** : Acquaint the students with fundamental concepts of environment geography for development in different areas.
- CO3** : The students should be able to integrate various factors of economic development and dynamic aspect of economic geography.
- CO4** : Students make aware about the problems of environment, their utilization and conservation in the view of sustainable development.

Class	Subject Code	Course Name	Semester
SYBA	23202	Population Geography-I	III

Course outcomes:

- CO1** : The history of population changes
- CO2** : The different concepts in population geography.
- CO3** : The types and nature of population data



Class	Subject Code	Course Name	Semester
SYBA	23203	Scale and Map Projection	III

Course outcomes:

- CO1** : Learn the basic concepts in practical geography.
CO2 : Able to develop and use of survey and mapping skills.
CO3 : Aware of the new techniques, accuracy and map making skills.

Class	Subject Code	Course Name	Semester
SYBA	24205	Environmental Geography- II	IV

Course outcomes:

- CO1** : Awareness about dynamic environment among the students.
CO2 : Acquaint students with the fundamental concepts of Environmental Geography.
CO3 : Acquaint students about the past, presents and future utility and potentials of natural resources
CO4 : Make aware students about the problems of environment, its utilization and conservation in the view of sustainable development

Class	Subject Code	Course Name	Semester
SYBA	24202	Population Geography-II	IV

Course outcomes:

- CO1** : The population policies in India and China.
CO2 : The health indicators in India
CO3 : The concept of urbanization in population geography
CO4 : The different population theories

Class	Subject Code	Course Name	Semester
SYBA	24203	Cartographic Techniques, Surveying and Excursion / Village / Project Report	IV

Course outcomes:

- CO1** : Learn the basic concepts in practical geography
CO2 : Able to develop and use of map scale and projections.
CO3 : Aware of the new techniques, accuracy and map making skills.

COURSE OUTCOMES (CO): Class: TYBA (Geography)

Class	Subject Code	Course Name	Semester
TYBA	35204	Geography of Disaster Management-I	V

Course outcomes:

- CO1** : Describe concepts of Disaster and its relations with Geography.
CO2 : Explain terminology and concepts of Disaster Management.
CO3 : Implement concepts of hazards in different areas and its Management.



CO4 : Explain standard operating procedure on government for disaster management

Class	Subject Code	Course Name	Semester
TYBA	35201	Geography of India-I	V

Course outcomes:

- CO1** : Students are aware about the importance of geography of our Nation.
- CO2** : Students aware of the magnitude of problems and Prospects at National level.
- CO3** : The aware of the magnitude of problems and Prospects at National level.
- CO4** : Understand the current trends in regional studied
- CO5** ; Realize about diversity of our nation i.e. Religious, Languages, Tribes etc.
- CO6** ; Acquaint the knowledge about different types of resources and their utility

Class	Subject Code	Course Name	Semester
TYBA	35203	Techniques of Spatial Analysis	V

Course outcomes:

- CO1** : Students are gate knowledge about Interpretation and analysis of survey of India's Toposheet/ map
- CO2** : Students are ready to identify different methods of Relief Representation
- CO3** : Students are ready to apply Remote Sensing Techniques in Geography

Class	Subject Code	Course Name	Semester
TYBA	35206	Research Methodology - I	V

Course outcomes:

- CO1** : Development in the understanding of the basic concept of research
- CO2** : Development in the understanding of the basic framework of sampling and data collection
- CO3** : Development in the understanding of various sampling methods and techniques

Class	Subject Code	Course Name	Semester
TYBA	36204	Geography of Disaster Management-II	VI

Course outcomes:

- CO1** : Students understand the concepts of anthropogenic disaster, its types, causes and management.
- CO2** : Improvement in the knowledge about the important global level disasters i.e, acid rain, ozone depletion and global warming.
- CO3** : Demonstrate Disaster Management at local level.
- CO4** : Students aware about protection from disaster and will be able to do disaster management.

Class	Subject Code	Course Name	Semester
TYBA	36201	Geography of India-II	VI

Course outcomes:

- CO1** : Make the aware of the magnitude of problems and Prospects at National level.



- CO2** : Identify the inter relationship among the subject and the society..
CO3 : Understand the current trends in regional studied
CO4 : Realize about diversity of our nation i.e. Religious, Languages, Tribes etc.
CO5 ; Acquaint the knowledge about different types of resources and their utility

Class	Subject Code	Course Name	Semester
TYBA	36203	Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report	VI

Course outcomes:

- CO1** : Acquaint the awareness about the open source software and techniques of visualization
CO2 : Improvement in the awareness about basic of Statistical data and the skill of data representation
CO3 : Students Acquaint the knowledge for Calculate Central Tendency, Variance and Standard Deviation, Correlation and Regression, and Testing of Hypothesis
CO4 : Capacity developed in the students to conduct Survey of socio-economic conditions of a village/ field investigation and report writing.

Class	Subject Code	Course Name	Semester
TYBA	36206	Research Methodology - II	VI

Course outcomes:

- CO1** : Acquaint the understanding of the basic concept of research
CO2 : Acquaint the understanding of the basic framework of sampling and data collection
CO3 : Students understand the various sampling methods and techniques
CO4 : Students aware about various sources of information about data collection.
CO5 : Capacity developed in the student to conducting survey on various issues and developed the Report writing skill also .



2.6.1

COPO

computer
Science

BCS
MCS



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PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Program outcomes Bachelor of Computer Science (B.Sc.CS):

After completion of B.Sc. programme, the students will be able:

1. Learn the basic computing skills.
2. Develop the problem-solving abilities using a computer.
3. Build the necessary skill set and analytical abilities for developing computer based solutions for real life problems.
4. Acquire the necessary knowledge - base for Research in computer science.
5. Explore the opportunities in the area of Software development and testing, Game developing, application developing, technical architectural skills, web application developing, etc.
6. Contribute for growth and development of nation through research in IT

Program Special outcomes

After completion of B.Sc. programme, the students will be able:

1. Acquire knowledge with facts and figures related to various subjects in pure sciences.
2. Learn the basic concepts, scientific phenomena and their relevance in the day to day life.
3. Contribute for growth and development of nation through scientific research.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

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PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

1. B. Sc. Computer Science

F.Y.B.Sc.

Semester I

CS-111: Problem Solving using Computer and 'C' Programming

After completion of the course students will be able to

- CO 1: List the computer languages.
- CO 2: Learn the algorithm, flowchart and pseudo code.
- CO 3: Write programs using control structures and arrays in 'C'.
- CO 4: Learn & apply the concepts of data type, loop, function, array
- CO 5: Execute a program.

CS-112: Database Management Systems

After completion of the course students will be able to

- CO 1: Define databases.
- CO 2: Learn the types of databases.
- CO 3: Design E-R Model
- CO 4: Learn relational models.
- CO 5: Learn data model.
- CO 6: Implement relational model using psql

CS-113: Practical course on CS 231 and CS 232

After completion of the course students will be able to

- CO 1: Implement the program using C language
- CO 2: Learn the psql query
- CO 3: Design program using C program

MTC-111: Matrix Algebra

After completion of the course students will be able to

- CO 1: Define the term's
- CO 2: Explain the term's
- CO 3: Discuss the linear transformation, null space, column space, rank
- CO 4: Solve the systems of linear equations
- CO 5: Solve the problems

MTC-112: Discrete Mathematics

After completion of the course students will be able to

- CO 1: Learn propositional logic
- CO 2: Construct truth table



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PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 3: Show that logical equivalence
- CO 4: Define types of relations
- CO 5: Draw the diagrams
- CO 6: State algorithms
- CO 7: Solving recurrence relations

MTC-113: Mathematics Practical

After completion of the course students will be able to

- CO 1: Learn all definition and basic concepts.
- CO 2: Solve examples on transformations.
- CO 3: Solve examples by using algorithms.

ELC-111: Semiconductor Devices and Basic Electronic Systems

After completion of the course students will be able to

- CO 1: Learn the basic semiconductor devices
- CO 2: Learn to draw the symbol and circuit
- CO 3: Explain the concept of analog electronics
- CO 4: Solve the example
- CO 5: Describe the types of BJT, MOSFET
- CO 6: Learn the concept of analog to digital Converters and vice versa

ELC-112: Principles of Digital Electronics

After completion of the course students will be able to

- CO 1: Learn the different number system
- CO 2: Inter conversion from one number into another number system
- CO 3: Define different laws of Boolean algebra
- CO 4: Simplify the Boolean expression
- CO 5: Explain the concept
- CO 6: Describe the concept
- CO 7: Design the basic circuit

ELC-113: Electronics Practical

After completion of the course students will be able to

- CO 1: Build and Test the circuit
- CO 2: Calculate the result and analyze the result
- CO 3: Plot the graphs
- CO 4: Learn the working using digital components

CSST 111: Descriptive Statistics I

After completion of the course students will be able to

- CO 1: Learn the importance, Scope and limitation of statistics.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 2: Define different type of Data, median and mode.
- CO 1: Explain the concept
- CO 2: Solve the Examples
- CO 3: Analyse statistical data graphically
- CO 4: Distinguish between row and central moment
- CO 5: Write a note

CSST112: Mathematical Statistics

After completion of the course students will be able to

- CO 1: Define sample space and its types
- CO 2: State and Prove the theorem
- CO 3: Explain the concept
- CO 4: Solve the problem
- CO 5: Find the distribution function
- CO 6: Learn the numerical problem related to real life problem using statistics

CSST113: Statistics Practical I

After completion of the course students will be able to

- CO 1: Compute various measures of central tendency, dispersion, skewness, etc.
- CO 2: Explain the concept.
- CO 3: Evaluate the binomial and Poisson distributions.
- CO 4: Compute the measures of attribute.
- CO 5: Learn the statistical softwares.

Semester -II

CS-121: Advanced 'C' Programming

After completion of the course students will be able to

- CO 1: Define macros in 'C'
- CO 2: Write programs using Pointer, Structure and Union in 'C'.
- CO 3: Learn & apply the concepts of file handling using C programming
- CO 4: Execute a program.

CS-122: Relational Database Management System

After completion of the course students will be able to

- CO 1: Define terms
- CO 2: Describe the fundamental elements of Model Entity-Relationship diagrams
- CO 3: Formulate Queries using SQL and Relational Formal Query Languages
- CO 4: Apply different normal forms to design the Database
- CO 5: Summarize concurrency control protocols and recovery algorithms
- CO 6: Identify suitable Indices and Hashing mechanisms for effective storage and retrieval of Data





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

CS-123: Practical course on CS231 and CS232

After completion of the course students will be able to

- CO 1: Implement the program using C language
- CO 2: Learn the psql query
- CO 3: Design program using C program

MTC-121: Linear Algebra

After completion of the course students will be able to

- CO 1: Define the term vector space and Subspace
- CO 2: Explain the term eigenvalue and eigenvector, diagonalization
- CO 3: State and Prove theorem
- CO 4: Solve the Problems

MTC-122: Graph Theory

After completion of the course students will be able to

- CO 1: Define the terms
- CO 2: Learn types of Graphs
- CO 3: Basic terminologies and properties of graphs
- CO 4: Matrix representation
- CO 5: Solving problems

MTC-123: Mathematics Practical

- CO 1: Learn all definition and basic concepts.
- CO 2: Solve examples on vector space.
- CO 3: Solve examples by Matrix representation
- CO 4: Draw the Graph.

ELC-121: Instrumentation System

After completion of the course students will be able to

- CO 1: Learn the basic of sensor and transducer and its types
- CO 2: Learn different specification of sensor
- CO 3: Learn the different types of smart sensors
- CO 4: Explain the opamp as signal conditioning
- CO 5: Solve the problem
- CO 6: Learn the application of OP-amp

ELC-122: Basics of Computer Organization

After completion of the course students will be able to

- CO 1: Learn the basic sequential circuit
- CO 2: Explain the sequential circuit using truth table





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 3: Learn the basic computer organization concept
- CO 4: Learn the basic of memory organization and its concept.
- CO 5: Learn the types of memory and problems

ELC-123: Electronics Practical

After completion of the course students will be able to

- CO 1: Build and Test the circuit
- CO 2: Calculate the result and analyze the result
- CO 3: Plot the graphs
- CO 4: Learn the working using digital components

CSST 121: Method of applied Statistics

After completion of the course students will be able to

- CO 1: Define the term's
- CO 2: Explain Some Concepts
- CO 3: Distinguish Between
- CO 4: Learn the various Concepts
- CO 5: Solve the Problems
- CO 6: Numerical Problems Related to real life Situation

CSST 122: Continuous Probability distribution and testing of Hypothesis

After completion of the course students will be able to

- CO 1: Define the concept
- CO 2: Give real life situation in continuous probability distribution
- CO 3: State and prove distribution
- CO 4: Discuss the properties
- CO 5: Solve the problem
- CO 6: Explain the use of computer in simulation
- CO 7: Learn the numerical problem related to real life problem using statistics

CSST 123: Statistics Practical

After completion of the course students will be able to

- CO 1: Learn the relationship between two variables using scatter plot.
- CO 2: Compute.
- CO 3: Evaluate the normal distributions.
- CO 4: Apply inferential method
- CO 5: Create model sample.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

S.Y.B.Sc.

Semester-I

CS-231: Data Structures and Algorithm-I

After completion of the course students will be able to

- CO 1:** Learn to organize the data structures in solving various problems.
- CO 2:** Learn to differentiate the usage of various structures in problem solution.
- CO 3:** Implementing algorithms to solve problems using appropriate data structures.
- CO 4:** Apply algorithm for solving problems.
- CO 5:** Describe the basic concepts about stack, queues, list tree and graphs
- CO 6:** Analyze the concepts of dynamic memory management, data types, algorithms.

CS-232: Software Engineering

After completion of the course students will be able to

- CO 1:** Learn the basic software engineering methods and practices
- CO 2:** Learn to compare and chose a process model for a software project.
- CO 3:** Identify requirements analyze and prepare models.
- CO 4:** Learn the software process models such as the waterfall and spiral models.
- CO 5:** Describe software engineering layered technology and Process frame work
- CO 6:** Prepare the SRS, Design document, Project plan of a given software system.

CS-233: Practical Course on CS-232 and CS-233

After completion of the course students will be able to

- CO 1:** Implement the Tree using C language
- CO 2:** Implement the stack using C language
- CO 3:** Implement the queues using C language
- CO 4:** Implement sorting algorithm using C language

MTC-231: Groups and Coding Theory

After completion of the course students will be able to

- CO 1:** Recall the concept of group theory.
- CO 2:** Classify types of groups.
- CO 3:** Describe the properties of groups.
- CO 4:** Solve the examples.
- CO 5:** Learn the coding and decoding

MTC-232: Numerical Techniques

After completion of the course students will be able to

- CO 1:** Define The Basic Concept Of Operators
- CO 2:** Find the Difference of Polynomials





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

CO 3: Derive the Formulae

CO 4: Solve the Problem's

MTC-233: Python programming language-I

After completion of the course students will be able to

- CO 1: Learn the basic principle of python
- CO 2: analyze the string list and tuple
- CO 3: construct the various matrices in python programming
- CO 4: Write the program using python and execute.

ELC-231: Microcontroller Architecture & Programming

After completion of the course students will be able to

- CO 1: Learn the concept of microcontroller like memory, Registers
- CO 2: To write programs for 8051 microcontrollers
- CO 3: Learn how to interface I/O peripherals to 8051 microcontrollers
- CO 4: Learn timer and counter in 8051
- CO 5: Write the program for 8051 and execute ELC-

232: Digital Communication and Networking After completion of

the course students will be able to

- CO 1: Define and explain terminologies of data communication
- CO 2: Learn the impact and limitations of various digital modulation techniques
- CO 3: Learn the need of spread spectrum schemes.
- CO 4: Identify functions of data link layer and network layer.
- CO 5: Explains Concepts in the computer network
- CO 6: Describe the concept of modulation and its types

ELC-233: Practical Course

After completion of the course students will be able to

- CO 1: Design and build his/her own microcontroller based projects.
- CO 2: Acquire skills of Embedded C programming
- CO 3: Know multiplexing and modulation techniques.
- CO 4: Build and test own network and do settings.

Semester-II

CS-241: Data Structures and Algorithm-II

After completion of the course students will be able to

- CO 1: Define the concept of Data structure
- CO 2: Solve the problem involving graph, tree and heaps





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 3: Analyze the concept of array and linked list in data structure
- CO 4: Describe the hash function and concepts of hash function
- CO 5: Analyze different algorithm in data structure.
- CO 6: Explain the concepts of collision & its resolution method

CS-242: Computer Networks-I

After completion of the course students will be able to

- CO 1: Learn the OSI and TCP/IP Reference Models.
- CO 2: Learn the working of various protocols.
- CO 3: Analyze the requirements for a given organizational structure and select the most appropriate networking architecture and technologies

CS-243: Practical Course on CS-241 and CS-242

After completion of the course students will be able to

- CO 1: Implement the Link list using C language
- CO 2: Implement the tree using C language
- CO 3: Implement the graph using C language

ELC-241: Embedded System Design

After completion of the course students will be able to

- CO 1: Learn the difference between general computing and the embedded systems.
- CO 2: Know the fundamentals of embedded systems.
- CO 3: Learn the use of Single board Computer for an embedded system application.
- CO 4: Learn the programming environment to develop embedded systems.
- CO 5: Develop familiarity with tools used to develop in an embedded environment.

ELC242: Wireless Communication and Internet of Things

After completion of the course students will be able to

- CO 1: Know working of wireless technologies.
- CO 2: Learn 3G and 4G Cellular Network Technologies for Data Connections.
- CO 3: Learn working principles of short range communication application
- CO 4: Get introduced to upcoming technology of Internet of Things
- CO 5: Explore themselves and develop new IoT based applications

ELC-243: Practical Course

After completion of the course students will be able to

- CO 1: Design and develop own smart applications using Raspberry-Pi
- CO 2: Write Python program for simple applications
- CO 3: Build own IoT based system





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

MTC-241: Computational Geometry

After completion of the course students will be able to

- CO 1:** Define the terms
- CO 2:** Learn the transformation
- CO 3:** Explain the basic concept of projection, plane and space curve
- CO 4:** Solve the problems

MTC-242: Operational Research

After completion of the course students will be able to

- CO 1:** Define the terms
- CO 2:** State merits and demerits
- CO 3:** Write the algorithm
- CO 4:** Formulation of the given problems
- CO 5:** Solution by graphical method
- CO 6:** Learn the Numerical Problem

MTC-243: Python Programming Language-II

After completion of the course students will be able to

- CO 1:** Use the basic library : numpy and matplotlib
- CO 2:** Plot the 2D and 3D function graphs
- CO 3:** Apply the various transformation

T.Y.B.Sc.

CS-351: Operating system-I

After completion of the course students will be able to

- CO 1:** Define the terms.
- CO 2:** Learn & Implement Process Scheduling Algorithm.
- CO 3:** Learn Process and Thread Synchronization.
- CO 4:** Learn & implement Page Replacement Algorithm.
- CO 5:** Solve the Example.

CS-352: Computer Networks-II

After completion of the course students will be able to

- CO 1:** Define the terms.
- CO 2:** Learn different protocols of Application layer.
- CO 3:** Learn Data flow from one device to another device using network.
- CO 4:** Develop Learning of technical aspect of Multimedia Systems





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 5: Identify security goals, problems & Solutions.
CO 6: Learn and apply cryptographic techniques for data security

CS-353: Web Technologies – I

After completion of the course students will be able to

- CO 1: Learn skills about to create web pages. CO 2: Create web pages using html & CSS . CO 3: Learn about basic knowledge of PHP . CO 4: Design web pages using PHP and html. CO 5: Learn core PHP Knowledge.

CS-354: Foundation of Data Science

After completion of the course students will be able to

- CO 1: Learn relevant programming ability
CO 2: Learn data scientist Tools
CO 3: Detect and diagnose common data issues.
CO 4: Demonstrate proficiency with statistical analysis of data.
CO 5: Prepare results using data visualization techniques.

CS-355: Object Oriented Programming using Java-I

After completion of the course students will be able to

- CO 1: Define Terms
CO 2: Learn the concept of classes, object, packages
CO 3: Develop GUI based application
CO 4: Learn object oriented concept.
CO 5: Build Application using AWT and SWING
CO 6: Use features of language.

CS-356: Theoretical Computer Science

After completion of the course students will be able to

- CO 1: Define Terms.
CO 2: Learn the Regular Language
CO 3: Learn Context Free Language
CO 4: Learn Context Sensitive Language and Unrestricted Language.
CO 5: Learn the use of automata during language design.
CO 6: Relate various automata and Languages

CS-3510: Python Programming

After completion of the course students will be able to

- CO 1: Define Terms.
CO 2: Develop logic for problem solving.
CO 3: Learn Basic Principles of python.
CO 4: Determine the methods to create and develop Python.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 5: Learn data, operations, conditions, loops, functions etc.
CO 6: Develop a small application project.

CS-3511: Blockchain Technology

After completion of the course students will be able to

- CO 1: Define the terms.
CO 2: Learn the fundamentals of Blockchain Technology.
CO 3: Learn Blockchain programming
CO 4: Basic knowledge of Smart Contracts and how they function
CO 5: Explain Algorithms and Puzzle of BCT.

CS-357: Practical Course based on CS - 351

After completion of the course students will be able to

- CO 1: Implement Process Scheduling algorithm using C programming
CO 2: Implement Page Replacement algorithm using C Programming
CO 3: Implement Operation on Process.
CO 4: Create operating System shell.

CS-358: Practical Course based on CS - 353 and CS - 354

After completion of the course students will be able to

- CO 1: Develop dynamic and interactive Web Page
CO 2: Prepare data for use with a variety of statistical methods.
CO 3: Perform exploratory data analysis.
CO 4: Create CSS Application.

CS-359: Practical Course based on CS - 355

After completion of the course students will be able to

- CO 1: Implement use of Java tools.
CO 2: Implement array of objects and exception handling.
CO 3: Implement file handling.
CO 4: Create GUI program using AWT.
CO 5: Apply inheritance and interface.

CS-361: Operating Systems-II

After completion of the course students will be able to

- CO 1: Define the terms and Principles
CO 2: Learn deadlocks and File System
CO 3: Learn Scheduling storage or disk for processes
CO 4: Describe Distributed Operating System and its architecture.
CO 5: List the Mobile Operating System
CO 6: Solve the Example.

CS-362: Software Testing





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

After completion of the course students will be able to

- CO 1:** Define the terms.
- CO 2:** Learn various software testing methods and strategies.
- CO 3:** Learn variety of software metrics and defects.
- CO 4:** Design and Apply test cases, test plans and review reports.
- CO 5:** Learn the latest testing methods used in the software industries

CS-363: Web Technologies - II

On completion of the course, students will be able to

- CO 1:** Create XML documents Schemas
- CO 2:** Build interactive web applications using AJAX.
- CO 3:** Build dynamic web pages using javascript.
- CO 4:** Learn to write well-formed valid XML document.
- CO 5:** Write Server side application called JSP.

CS-364: Data Analytics

On completion of the course, students will be able to

- CO 1:** Define the terms.
- CO 2:** Apply appropriate models of analysis, assess the quality of input..
- CO 3:** Analyse data, choose relevant models and algorithms for respective applications
- CO 4:** Learn different data mining techniques.
- CO 5:** Apply modelling and data analysis techniques.

CS-365: Object Oriented Programming using Java – II

On completion of the course, student will be able to

- CO 1:** Define the terms.
- CO 2:** Learn Database Connectivity (JDBC).
- CO 3:** Learn and create dynamic web pages, using Servlets and JSP.
- CO 4:** Work with basics of framework to develop secure web applications
- CO 5:** Learn the Spring Framework.

CS-366: Compiler Construction

On completion of the course, students will be able to

- CO 1:** Define the terms.
- CO 2:** Learn the process of scanning and parsing.
- CO 3:** Learn the conversion code.
- CO 4:** Learn tools like LEX and YACC.
- CO 5:** Implement algorithms.

CS-3610: Software Testing Tools

On completion of the course, students will be able to

- CO 1:** Define the terms.





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO 2: Learn various software testing methods and strategies.
CO 3: Learn variety of software metrics and identify and manage defects.
CO 4: Design test cases and test plans and review reports.
CO 5: Learn the latest testing tools used in the software industries

CS-3611: Project

On completion of the course, students will be able to

- CO 1: Create project Documentation. CO 2: Able to select Project topics. CO 3: Create project Design
CO 4: Able to choose Computer programming language for project.
CO 5: Implement Project using Computer Programming language.
CO 6: Design a Project.

CS-367: Practical course based on CS 361

On completion of the course, students will be able to

- CO 1: Implement Banker's Algorithm using C Programming.
CO 2: Implement File System Operation using C Programming
CO 3: Implement Disk Space Management using C Programming.
CO 4: Implement Mobile OS Programming.

CS-368: Practical Course based on CS - 363 and CS - 364

On completion of the course, students will be able to

- CO 1: Learn different technologies used at client Side Scripting Language.
CO 2: Build dynamic website..
CO 3: Able to design and handling the errors in dynamic website.

CS-369: Practical Course based on CS - 365

On completion of the course, students will be able to

- CO 1: To Learn database Programming using Java
CO 2: Create dynamic web pages using Servlets and JSP.
CO 3: Work with basics of framework to develop secure web applications.
CO 4: Learn the collection classes.
CO 5: Create a client server programme using socket.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

2. M.Sc. Computer Science

M.Sc. I (Computer Science)

Semester I

CSUT111: Paradigm of Programming Language

On completion of the course, students will be able to

- CO 1: Think about programming languages analytically.
- CO 2: Separate syntax from semantics.
- CO 3: Compare programming language design.
- CO 4: Learn new language more quickly.
- CO 5: Learn small program in different languages.

CSUT112: Design and Analysis of Algorithm

On completion of the course, students will be able to

- CO 1: Define the terms.
- CO 2: Learn necessary analysis of algorithms
- CO 3: Learn different design strategies
- CO 4: Learn the use of data structures in improving algorithm performance
- CO 5: Learn classical problems.
- CO 6: Design the algorithms for solving the Problem

CSUT113: Database Technologies

On completion of the course, students will be able to

- CO 1: Define the terms.
- CO 2: Learn the concept of NoSQL technology
- CO 3: List an insight into the different types of NoSQL databases
- CO 4: Able to choosing what database technologies to used based on application.

CSDT114C: Web Services

On completion of the course, students will be able to

- CO 1: Define the Terms.
- CO 2: Explain the Architectures.
- CO 3: Learn the details of web services technologies.
- CO 4: Learn how to implement and deploy web service client and server
- CO 5: Explain interoperability between different frameworks
- CO 6: Learn the concept of the Restful system.

CSDP114C: Web Services Practical

On completion of the course, students will be able to

- CO 1: Able to create own web service.
- CO 2: Apply various concepts of web services in programming.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

CO 3: Create Web Services using SOAP.

CSUP115: Practical on PPL and Database Technologies

On completion of the course, students will be able to

- CO 1:** Learn the scala language.
- CO 2:** Learn framework of mongoDB.
- CO 3:** Solve mongoDB assignments.
- CO 4:** Apply scala programming for real life task.

Semester II

CSUT121: Advanced Operating System

On completion of the course, students will be able to

- CO 1:** Define the terms.
- CO 2:** Learn the concept Kernel.
- CO 3:** Describe the various types of System calls.
- CO 4:** Explain the concepts of process.
- CO 5:** Learn the concept Memory Management
- CO 6:** Illustrate the signal Concepts.

CSUT122: Mobile Technologies

On completion of the course, students will be able to

- CO 1:** Define the terms
- CO 2:** Learn the wireless communication systems.
- CO 3:** Explain various aspects of mobile and ad-hoc networks.
- CO 4:** Learn the issues relating to Wireless applications
- CO 5:** Learn the Mobile security

CSUT123: Software Project Management

On completion of the course, students will be able to

- CO 1:** Define the terms.
- CO 2:** Learn the Software Metrics and Project Management
- CO 3:** Examine Requirements Elicitation, Project Management.
- CO 4:** Learn to select and apply project management techniques.
- CO 5:** Design and execution of system test cases.

CSUT124A: Project

On completion of the course, students will be able to

- CO 1:** Create project Documentation.
- CO 2:** Select Project topics.
- CO 3:** Create project Design
- CO 4:** Choose Computer programming language for project.
- CO 5:** Implement Project using Computer Programming language.





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

CO 6: Create Project.

CSDP124A: Project Related Assignments

On completion of the course, students will be able to

- CO 1:** Learn the problem.
- CO 2:** Generate solution on Problem.
- CO 3:** Solve Assignments
- CO 4:** Implement Project using Computer Programming language.
- CO 5:** Create Project.

CSUP125: Practical on Advanced OS & Mobile Technologies

On completion of the course, students will be able to

- CO 1:** Design program for concept of process.
- CO 2:** Use system calls in programming.
- CO 3:** Use various commands used in Linux
- CO 4:** Perform various operations on file.

M.Sc.-II (Computer Science)

CSUT231: Software Architecture and Design Patterns

On completion of the course, students will be able to

- CO 1:** Define the terms.
- CO 2:** Make solution for real-world problems.
- CO 3:** Predict outcomes using Machine Learning algorithms.
- CO 4:** Use specific frameworks as per applications need.
- CO 5:** Design java applications using design pattern techniques.

CSUT232: Machine Learning

On completion of the course, students will be able to

- CO 1:** Define the Terms.
- CO 2:** Describe characteristics of machine learning .
- CO 3:** Predict outcomes using Machine Learning algorithms
- CO 4:** Evaluate Machine Learning models efficiency using suitable metrics.
- CO 5:** Design applications using machine learning techniques.
- CO 6:** Design Machine Learning Algorithms

CSUT233: Web Framework

On completion of the course, students will be able to

- CO 7:** Define the terms.
- CO 8:** Use as a part of full stack development.
- CO 9:** Develop web applications in Python.
- CO 10:** Learn asynchronous programming.
- CO 11:** Build and deploy a robust Django Web App.
- CO 12:** Integrate with Restful web services.

CSUP235: Practical on Software Architecture and Design Pattern and Machine Learning to learn how to Develop



SM

PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Software Projects.

On completion of the course, students will be able to

- CO 1: Define the terms.
- CO 2: Perform Machine Learning Algorithm using python.
- CO 3: Design Solution using Java Programming.
- CO 4: Design Attractive Web pages.

CSDT234C: Project

On completion of the course, students will be able to

- CO 1: Learn the details of Project Work.
- CO 2: Learn how to Develop Software Projects.
- CO 3: Explore interoperability between different frameworks.

CSDP234C: Project Related Assignments

On completion of the course, students will be able to

- CO 1: Learn the problem.
- CO 2: Generate solution on Problem.
- CO 3: Solve Assignments
- CO 4: Complete Project using Computer Programming language.
- CO 5: Create Project.

CSUIT241: Industrial Training / Institutional Project

On completion of the course, students will be able to

- CO 1: Learn the details of Project Work.
- CO 2: Design the industrial live Project.
- CO 3: Apply the skill of programming in project.
- CO 4: Work on different stage of Project.
- CO 5: Explore interoperability between different frameworks





Khadki Education Society's
Tikaram Jagannath
Arts, Commerce & Science College



PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)



सावित्रीबाई फुले पुणे विद्यापीठ पुणे

मराठी विषयाचा पुनर्रचित अभ्यासक्रम जून 2020 पासून

द्वितीय वर्ष कला एस वाय बी ए

मराठी नियमित अभ्यासक्रम

सत्र पहिले

विषयाचे नाव:-

" भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार : कादंबरी.

अभ्यासक्रमाची उद्दिष्टे

- १) कादंबरी या साहित्य प्रकाराचे स्वरूप घटक प्रकार आणि वाटचाल समजून घेणे.
- २) नेमलेल्या कादंबरीचे आकलन आस्वाद आणि विश्लेषण करणे.
- ३) भाषिक कौशल्य विकास करणे.

दुसरे सत्र

विषयाचे नाव:-

" भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार : ललित गद्य"

[सीसी वन डी तीन]

अभ्यासक्रमाची उद्दिष्टे

- १) ललित गद्य या साहित्य प्रकाराचे स्वरूप, घटक, प्रकार आणि वाटचाल समजून घेणे.
- २) नेमलेल्या अभ्यास पुस्तकातील ललित गद्याचे आकलन, आस्वाद आणि विश्लेषण करणे.
- ३) भाषिक कौशल्य विकास करणे.

द्वितीय वर्ष कला एस वाय बी ए

पहिले सत्र

विषयाचे नाव:-

" आधुनिक मराठी साहित्य : प्रकाशवाटा "

[डीएसई वन ए तीन]

अभ्यासक्रमाची उद्दिष्टे:-

- १) आत्मचरित्र या साहित्य प्रकाराचे स्वरूप, संकल्पना समजावून घेणे.
- २) आत्मचरित्र या साहित्य प्रकाराच्या प्रेरणा आणि वाटचाल यांची ओळख करून घेणे.
- ३) ललित गद्यातील अन्य साहित्य प्रकारांच्या तुलनेत आत्मचरित्राचे वेगळेपण समजावून घेणे.



SK

४) नेमलेल्या या आत्मचरित्राचे आकलन, आस्वाद आणि विश्लेषण करणे.

दुसरे सत्र

विषयाचे नाव:-

'मध्ययुगीन मराठी साहित्य : निवडक मध्ययुगीन गद्य, पद्य.

[डी एस इ टू ए तीन]

अभ्यासक्रमाची उद्दिष्टे

१) मध्ययुगीन गद्य, पद्य साहित्य प्रकारांची ओळख करून घेणे.

२) नेमलेल्या अभ्यास पुस्तकातील मध्ययुगीन गद्य, पद्याचे आकलन आस्वाद आणि विश्लेषण करणे.

द्वितीय वर्ष कला एस वाय बी ए

पहिले सत्र

विषयाचे नाव:-

साहित्य विचार

[डी एस इ वन बी ३]

अभ्यासक्रमाची उद्दिष्टे

१) भारतीय आणि पाश्चात्य साहित्य विचारांच्या आधारे साहित्याची संकल्पना आणि प्रयोजन विचार समजावून घेणे.

२) साहित्याची निर्मिती प्रक्रिया समजावून घेणे.

३) साहित्याची भाषा आणि शैली विषयक विचार समजावून घेणे.

द्वितीय सत्र

विषयाचे नाव:-

साहित्य समीक्षा

[डी एस ई टू बी तीन]

अभ्यासक्रमाची उद्दिष्टे

१) साहित्य समीक्षेची संकल्पना स्वरूप यांचा परिचय करून घेणे.

२) साहित्य आणि समीक्षा यांचे परस्पर संबंध समजावून घेणे व अभ्यासणे.



Am

३) साहित्य प्रकारानुसार समीक्षेचे स्वरूप समजावून घेणे व अभ्यासणे.

४) ग्रंथ परिचय, परीक्षण व समीक्षण यातील फरक समजावून घेणे.

द्वितीय वर्ष कला

एस वाय बी ए कौशल्याधिष्ठित अभ्यासक्रम

पहिले सत्र

विषयाचे नाव:-

" प्रकाशन व्यवहार आणि संपादन "

[SEC 2 A]

अभ्यासक्रमाची उद्दिष्टे

१) प्रकाशन व्यवहार आणि संपादन यासाठी आवश्यक कौशल्ये मिळविणे.

२) प्रकाशन व्यवहार आणि संपादन यासाठी आवश्यक प्रशिक्षण घेणे.

३) प्रकाशन व्यवहार आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची कौशल्ये मिळविणे.

४) प्रकाशन संस्था, जाहिरात संस्था, छापखाने, वृत्तपत्रे' कार्यालय, वितरण संस्था' ग्रंथ विक्री, दुकाने, फ्लेक्स' निर्मिती केंद्र, वार्ताहर, यांना भेटी देऊन प्रशिक्षण घेणे.

दुसरे सत्र

विषयाचे नाव:-

" उपयोजित लेखन कौशल्य "

[SEC2B2]

अभ्यासक्रमाची उद्दिष्टे

१) जाहिरात, मुलाखत लेखन आणि संपादन यासाठी आवश्यक कौशल्ये मिळविणे.

२) जाहिरात मुलाखत लेखन आणि संपादन यासाठी आवश्यक प्रशिक्षण घेणे.

३) जाहिरात'मुलाखत लेखन आणि संपादन यासाठी प्रात्यक्षिकासह उपयोजनाची कौशल्ये मिळविणे.



SH

सावित्रीबाई फुले पुणे विद्यापीठ पुणे

द्वितीय वर्ष कला

एस वाय बी ए

"आधुनिक भारतीय भाषा"

[मॉडर्न इंडियन लॅंग्वेजेस]

अनिवार्य अभ्यासक्रम

पहिले सत्र

विषयाचे नाव:-

" मराठी भाषिक संज्ञापन कौशल्य"

[एम आय एल टू टू]

अभ्यासक्रमाची उद्दिष्टे

- १) प्रगत भाषिक कौशल्यांची क्षमता विकसित करणे.
- २) प्रसार माध्यमांतील संज्ञापनातील स्वरूप आणि स्थान स्पष्ट करणे.
- ३) व्यक्तिमत्व विकास आणि भाषा यांच्यातील सहसंबंध स्पष्ट करणे.
- ४) लोकशाहीतील जीवन व्यवहार आणि प्रसार माध्यमे यांचे परस्पर संबंध स्पष्ट करणे.
- ५) प्रसारमाध्यमांसाठी लेखन क्षमता विकसित करणे.

दुसरे सत्र

विषयाचे नाव

" नव माध्यमे आणि समाज माध्यमांसाठी मराठी"

[एम आय एल टू टू]

अभ्यासक्रमाची उद्दिष्टे

- १) संज्ञापनातील नव माध्यमे आणि समाज माध्यमांचे स्वरूप आणि स्थान स्पष्ट करणे.
- २) भाषा जीवन व्यवहार आणि नव माध्यमे समाज माध्यमांचे परस्पर संबंध स्पष्ट करणे.
- ३) नव माध्यमे आणि समाज माध्यमांसाठी लेखन क्षमता विकसित करणे.
- ४) नव माध्यमे आणि समाज माध्यमां विषयक साक्षरता निर्माण करणे.
- ५) नव माध्यमे आणि समाज माध्यमांचा वापर आणि परिणाम याबद्दल चर्चा करणे.



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सावित्रीबाई फुले पुणे विद्यापीठ पुणे मराठी विषयाचा पुनर्रचित अभ्यासक्रम जून 2021 पासून
तृतीय वर्ष कला [टी वाय बी ए नियमित अभ्यासक्रम]

पहिले सत्र

विषयाचे नाव:-

" भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार:प्रवास वर्णन "

[सी सी वन इ तीन]

अभ्यासक्रमाची उद्दिष्टे

- १) मुद्रित माध्यमांसाठी लेखन कौशल्य आत्मसात करणे.
- २) प्रवास वर्णन या साहित्य प्रकाराचे स्वरूप, प्रेरणा, प्रयोजने, वैशिष्ट्ये आणि वाटचाल समजून घेणे.
- ३) नेमलेल्या प्रवासवर्णनाचे आकलन, आस्वाद आणि विश्लेषण करणे.

दुसरे सत्र

विषयाचे नाव :-

" भाषिक कौशल्य विकास आणि आधुनिक मराठी साहित्यप्रकार:कविता

[सीसी वन एफ ३]

अभ्यासक्रमाची उद्दिष्टे

- १) मराठी साहित्य भाषिक कौशल्य विकास आणि शासन व्यवहार यांची माहिती घेणे.
- २) कविता या साहित्य प्रकाराचे स्वरूप, वाटचाल, प्रेरणा, प्रवृत्ती आणि वैशिष्ट्ये समजून घेणे.
- ३) नेमलेल्या अभ्यास पुस्तकातील निवडक कवितांचे आकलन, आस्वाद आणि विश्लेषण करणे.
- ४) कविता या साहित्य प्रकारातील विविध आविष्कार व भाषा रूपांचे अभ्यास पुस्तकातील कवितांच्या आधारे ओळख करून घेणे.

तृतीय वर्ष कला टी वाय बी ए

नियमित अभ्यासक्रम



पहिले सत्र

विषयाचे नाव:-

" मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास प्रारंभ ते इसवीसन 1600 "

[बीजेसी वन सी तीन + एक]

अभ्यासक्रमाची उद्दिष्टे

- १) वाङ्मय इतिहास संकल्पना, स्वरूप, प्रेरणा, प्रवृत्ती समजून घेणे.
- २) मध्ययुगीन कालखंडाची सामाजिक, सांस्कृतिक पार्श्वभूमी समजून घेणे.
- ३) मराठी भाषा साहित्याची कालखंडा अनुरूप इतिहास समजून घेणे.

दुसरे सत्र

विषयाचे नाव:-

" मध्ययुगीन मराठी वाङ्मयाचा स्थूल इतिहास इसवी सन 1600 ते इसवी सन 1817 "

[डीएसई वन डी तीन + एक]

अभ्यासक्रमाची उद्दिष्टे

- १) वाङ्मय इतिहास संकल्पना, स्वरूप, प्रेरणा, प्रवृत्ती समजून घेणे.
- २) मध्ययुगीन कालखंडाची सामाजिक, सांस्कृतिक पार्श्वभूमी समजून घेणे.

३) मराठी भाषा साहित्याची कालखंड इतिहास समजून घेणे.

तृतीय वर्ष कला

टी वाय बी ए

(नियमित अभ्यासक्रम)

पहिले सत्र

विषयाचे नाव:-

" वर्णनात्मक भाषाविज्ञान भाग : एक "

[डीएसई टू सी तीन + एक]

अभ्यासक्रमाची उद्दिष्टे

- १) भाषा स्वरूप, वैशिष्ट्ये व कार्य समजावून घेणे.
- २) भाषा अभ्यासाची आवश्यकता स्पष्ट करणे .



5/11

- ३) भाषा अभ्यासाच्या शाखा आणि विविध पद्धतींचा थोडक्यात परिचय करून घेणे.
- ४) वांगिन्द्रियांची रचना, कार्य आणि स्वन निर्मितीची प्रक्रिया समजावून घेणे.
- ५) स्वनविज्ञान, स्वनिम विचार आणि मराठीची स्वनिममस्वनिम समजावून घेणे.

दुसरे सत्र

विषयाचे नाव:-

" वर्णनात्मक भाषाविज्ञान भाग:दोन "

[चार डीएसई टू डी तीन + एक]

अभ्यासक्रमाची उद्दिष्टे

- १) रूपविण्यास आणि मराठीची रूपव्यवस्था समजावून घेणे.
- २) वाक्यविन्यास आणि वाक्य व्यवस्थेचा मराठी भाषेच्या संदर्भात परिचय करून घेणे.
- ३) अर्थविन्यास या संकल्पनेचा भाषा वैज्ञानिक अंगाने परिचय करून देणे.

तृतीय वर्ष कला

टी वाय बी ए

[नियमित अभ्यासक्रम]

पहिले सत्र

विषयाचे नाव:-

" कार्यक्रम संयोजनातील भाषिक कौशल्य : भाग एक "

[एस इ सी टू सी टू]

अभ्यासक्रमाची उद्दिष्टे

- १) कार्यक्रमाचे स्वरूप आणि प्रकार समजून घेणे.
- २) कार्यक्रम संयोजनातील भाषिक कौशल्य प्राप्त करणे.

दुसरे सत्र

विषयाचे नाव:-



8/11/21

" कार्यक्रम संयोजनातील भाषिक कौशल्य भाग : दोन "

[एसएससी टू डी टू]

अभ्यासक्रमाची उद्दिष्टे

- १) कार्यक्रम संयोजनातील लेखन कौशल्य संपादन करणे.
- २) कार्यक्रम संयोजनातील भाषिक कौशल्य प्राप्त करणे.
- ३) आभासी कार्यक्रमांचे भाषिक कौशल्य संयोजन करणे.



5/10/21



PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

PROGRAMME: BACHELORS OF COMMERCE

Programme Outcomes

PO1 – Develops conceptual understanding the fundamentals of Financial Management, financial Accounting, Business economics, Communication skill through various languages, Cost and Works accounting, Banking and finance, Entrepreneurial skills, Marketing, Principles of management, Business laws, Advanced Accounting and taxation aspects, Economics and mathematical skills etc. required to cater the requirement of the emerging Business world.

PO2 - Enables learners to get theoretical and practical exposure in the commerce sector which includes Accounts, Commerce, Marketing, Management, Economics, Environment etc.

PO3 - Imparts the various skills like accounting skills, managerial skills, communication skills and to make overall personality development of the students, through practical approach and exposure and make them competent enough to face the global challenges in the contemporary business scenario.

PO4 - Enhances the capability of decision making at personal and professional levels.

PO5 – Makes students industry ready and develop various managerial and accounting skills for better professional opportunities.

PO6 - Develops among the students the qualities of an entrepreneur and make them equipped to formulate modern business strategies.

PO7 - Strengthens their capacities in varied areas of commerce and industry aiming towards holistic development of learners.

PO8 - Thus, after completing their graduation learners develop a thorough understanding of the fundamentals in Commerce and Finance.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Program Specific Outcomes - B. Com

PSO1 – The students can get the knowledge, skills and attitudes during the end of the B.com degree course.

PSO2 - The vast syllabi cover various fields of commerce and accountancy, which helps students grasp practical and theoretical knowledge.

PSO3 - Learner's venture into Managerial positions, Accounting areas, Banking Sectors, Auditing, Company Secretary ship, Teaching, Professor, Stock Agents, Government Employment etc.

PSO4 - Enables learners to prove themselves in different Professional examinations like CA, CS, CAT, GRE, CMA, MPSC, UPSC etc.

PSO5 - Learners further move towards research in the field of Commerce.

PSO6 - Enables students to demonstrate Progressive learning of various tax issues and tax forms related to individuals and businesspersons and setting up their own business start-ups.

PSO7 – Students will gain thorough systematic and subject skills within various disciplines of finance, auditing and taxation, accounting, management, communication, computer.

PSO8 – Students can also get the practical skills to work as accountant, audit assistant, tax consultant, and computer operator. As well as other financial supporting services.

PSO9 - Students will learn relevant Advanced accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

Program Specific Outcomes: Business Administration - I

Develop an understanding of basic knowledge about various forms of business organizations.

Acquaint the students about business environment and its implications thereon.

Develop an understanding about the recent trends in business.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Program Specific Outcomes: Banking and Finance - I

Develop the knowledge about Indian Banking System.

Create the awareness about the role of banking in economic development.

Acquaint the knowledge about working of Central Banking in India.

Develop an understanding about the functioning of private and public sector banking in India.

Program Specific Outcomes: Cost and Works Accounting - I

Develop an understanding about the basic concepts of cost.

Develop an understanding about the elements of cost.

Enable students to prepare a cost sheet.

Facilitate the learners to understand, develop and apply the techniques of inventory control.

Program Specific Outcomes: Business Statistics

Develop an understanding about the concepts, techniques & applications of Statistical Methods.

Facilitate the skills of solving real life problems using Statistical Methods.

Develop an understanding about the art of applying statistical techniques to solve some real-life problems.

Enhance knowledge of Statistical Computations.

Program Specific Outcomes: Business Entrepreneurship

Develop an understanding about the concepts in Business Entrepreneurship and its aspects.

Enable student awareness about the entrepreneur and entrepreneurship.

Inculcate the understanding of the new age of entrepreneur and to know in details of entrepreneurship.

Enhance the creativity and innovation required in the entrepreneurship.

Develop the types of ethics and society responsibilities are followed in the conventional and corporate sector in the new edge followed by the rules and regulations.

Familiarize the students with practical survey or through project work will be able to understand the concepts in the subject thoroughly.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Create entrepreneurial encouragement through the study of successful entrepreneurs.

Program Specific Outcomes: Marketing Management

Introduce the concept of Marketing Management.

Develop an understanding about the basic knowledge of Marketing Management to be a successful modern marketer.

Inculcate the knowledge of various aspects of marketing management through practical approach.

Interpret the issues in marketing and their solutions by using relevant theories of marketing management.

Program Specific Outcomes: Business Administration

Acquaint the student with knowledge about various Concepts , Objectives of the Human Resource Function , to identify the difference between Human Resource Management and Human Resource Development.

Update the students on the emerging trends in the area of Human Resource Management

Develop an understanding among the students the process of Recruitment and Selection, understanding the various means and methods associated with the Recruitment and Selection function.

Educate the students on the importance of Training and Development and its impact on Career Planning and Development.

Acquaint the students on the concept of Performance Appraisal and the process for effective Performance appraisal and imbibe the values of Ethical Performance appraisal among the student.

Program Specific Outcomes: Banking and Finance

Develop an understanding about the functions and working of RBI.

Acquire knowledge on the monetary policy and credit control.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Enhance the learners understanding on the customer relationship management practiced in banking institutions.

Develop an understanding about the new trends in banking in India and the world.

Program Specific Outcomes: Cost and Works Accounting

Apply knowledge & skills in the field of cost and works accounting.

Acquaint with the procedural aspect and Recent changes in the field of cost and works accounting.

Develop communication and decision-making skills among students through self-learning.

Program Specific Outcomes: Business Statistics

Develop an understanding about the concepts of Game Theory.

Develop an understanding about the concepts of Statistical Decision Theory.

Develop an understanding about the concepts of Replacement and Sequencing Problems.

Develop an understanding about the concepts of Statistical Quality Control.

Program Specific Outcomes: Business Entrepreneurship

Acquaint students with knowledge and skills required for organizing and carrying out entrepreneurial activities.

Develop the ability of analyzing and understanding business situations.

Acquaint the interdependent, fast-changing and diverse world of entrepreneurship and innovation.

Familiarize students with various concepts and processes involved in entrepreneurship and business formation and development.

Provide students with the knowledge, skills and motivation to encourage entrepreneurial approach in a variety of settings.

Acquaint the application of group dynamics to counselling, personal growth and other psychologically oriented groups.

Course Outcome (COs) - Semester I





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Core: Compulsory

Course Name: Compulsory English – I

Course Code: 111

Students established relevant and practically helpful pieces of prose and poetry and they understood the beauty and communicative power of English and its practical application.

Students acknowledged the variety of topics that dominates the contemporary socio-economic and cultural life.

Students developed oral and written communication skills and enhanced their employability.

Acquaint overall linguistic competence and communicative skills.

Course Name: Financial Accounting – I

Course Code: 112

Imparted knowledge of basic accounting concepts.

Appraise awareness about application of the concepts in business world.

Enhancement of skills regarding Computerised Accounting.

Augmented knowledge regarding finalization of accounts of various establishments.

Course Name: Business Economics – I (Micro)

Course Code: 113

Augmented knowledge of Business Economics.

Enriched micro economic concepts.

Developed analysing ability of students regarding charts and graphs.

Students established clarity in basic theories, concepts of micro economics and their application.

Course Name: Business Mathematics and Statistics – I

Course Code: 114(A)

Introduced the basic concepts in Finance and Business Mathematics and Statistics.

Familiarized the students with applications of Statistics and Mathematics in Business

Acquaint students with some basic concepts in Statistics.

Augmented some elementary statistical methods for analysis of data.

Students enabled to analyse the data by using some elementary statistical methods.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Core: Elective

Course Name: Banking and Finance - I

Course Code: 115(B)

Familiarized students with the knowledge of fundamentals of Banking.
Created awareness about various banking concepts.
Conceptualized banking operations.

Course Name: Essentials of E-Commerce

Course Code: 116(A)

Acquaint the learner with knowledge on the basics of E-commerce.
Developed the knowledge on various types of E-commerce business.
Developed practical knowledge on effective design of Website and Domain Registration.
Developed knowledge on various modes of online transaction for crating convenience in day-to-day financial transactions and promoting cashless economy.
Augmented the learner to the concept of Electronic Data Inter exchange and its significance.

Course Name: Marketing & Salesmanship - I

Course Code: 116(C)

Introduced the basic concepts in Marketing.
Enhanced the insight of the basic knowledge of Market Segmentation and Marketing Mix.
Imparted knowledge on Product and Price Mix.
Established link between commerce, business and marketing.
Developed the understanding of the segmentation of markets and Marketing Mix.
Enabled students to apply this knowledge in practicality by enhancing their skills in the field of Marketing.

Course Name: Business Environment and Entrepreneurship - I





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Examine how different factors and trends in the external environment are likely to impact upon a proposed business venture.

Conduct a business analysis of the local and national environment.

Give students an idea about the factors causing pollution in the environment

Course Name: Foundation Course in Commerce – I

Give students in-depth knowledge about the Business Organization.

Introduce students about various new forms of business organization.

Give overview of various industrial policies supporting businesses in India

Course Name: Organizational Skill Development - I

Conceptual Clarity on various aspects of modern office.

Develop analytical and technical skills to contribute towards planning office location and layout.

Develop understanding in various techniques for scientific management.

Course Name: Additional English/ Marathi / Hindi

Course Code: 117

CO1 - Improved their language skills by introducing them with new vocabulary and expressions.

CO2 - Developed the students as better human beings by bringing them close to enriching experiences shared through the prose and poetry pieces.

CO3 - Increased their employability by enhancing their communicative power. CO4 -

छात्रांको आधुनिक तंत्रज्ञान कलाकर्मताक अभिनिर्देशनयुक्त सेपरचयफिक्का

CO5 - छात्रांको आधुनिक तंत्रज्ञान कलाकर्मताक अभिनिर्देशनयुक्त सेपरचयफिक्का

CO6 - छात्रांको काव्यक गद्य-पद्य-संस्कृतकाव्य-शैलीक सेपरचयफिक्का

CO7 - विविध क्षेत्रातील भाषा व्यवहाराचे हवप व गरज म्खयट गटचया, पॉवर पॉइंट

माध्यमातून उपयोजनकेले





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Outcome (COs) - Semester II

Core: Compulsory

Course Name: Compulsory English – II

Course Code: 121

Students established relevant and practically helpful pieces of prose and poetry and they understood the beauty and communicative power of English and also its practical application.

Students acknowledged the variety of topics that dominates the contemporary socio-economic and cultural life.

Students developed oral and written communication skills and enhanced their employability.

Acquaint overall linguistic competence and communicative skills.

Course Name: Financial Accounting – II

Course Code: 122

Acquainted the knowledge of various software used in accounting.

Established the knowledge about final accounts of charitable trusts.

Imparted knowledge about valuation of intangible assets.

Developed the knowledge about accounting for leases.

Course Name: Business Economics – II (Micro)

Course Code: 123

Inculcated the basic concepts of micro economics.

Developed the knowledge about the tools and theories of economics for solving the problem of decision making by consumers and producers.

Developed the knowledge about the problem of scarcity and choices.



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PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Imparted the knowledge of business economics.

Clarified micro economic concepts.

Students analysed and interpreted charts and graphs.

Developed an understanding about the basic theories, concepts of micro economics and their application.

Course Name: Business Mathematics and Statistics – II

Course Code: 124(A)

Developed an understanding about the basic concepts in Finance and Business Mathematics and Statistics.

Familiarized the students with applications of Statistics and Mathematics in Business.

Acquainted students with some basic concepts in Statistics.

Developed an understanding about some elementary statistical methods for analysis of data.

Students are able to analyse the data by using some elementary statistical methods.

Core: Elective

Course Name: Organization Skill Development - II

Course Code: 125(a)

Enriched the students' qualities of a good manager and develop the necessary skill sets.

Developed the technical skills of the students to keep up with the technological advancements and digitalization.

Developed the communication skills of students and introducing them to the latest tools in communication.

Acquainted the students with writing, presentation, interpersonal skills for effective formal corporate reporting.

Educated the students on the recent trends in communication technology and tools of office automation.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Banking and Finance - II

Course Code: 125(b)

Acquainted the working capability of students in banking sector.

The students are aware of Banking Business and practices.

Enlightened the students regarding the new concepts introduced in the banking system.

Course Name: Essentials of E-Commerce -II

Course Code: 126(a)

Acquainted learners with electronic data interchange and its standards.

Developed knowledge about e-commerce process and payment solution.

Developed practical knowledge about security of e- commerce transactions.

The students developed the understanding of traditional v/s electronic retailing.

Course Name: Marketing & Salesmanship – Fundamental of Marketing - IICourse

Code: 126(c)

Acquainted learners with electronic data interchange and its standards.

Developed the knowledge about e-commerce process and payment solution.

Developed the practical knowledge about security of e- commerce transactions.

To help students understand traditional v/s electronic retailing.

Course Name: Business Environment and Entrepreneurship - II

Understand the difference between entrepreneurial and non-entrepreneurial personality, habits of entrepreneurs.

Provide knowledge and significance of entrepreneurship

Gain knowledge of various institutions promoting Entrepreneurship.

Course Name: Foundation Course in Commerce – II



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PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- Understand concepts related with Entrepreneurship.
- Motivate students to develop Entrepreneurship Skills
- Understand E- Commerce and its future prospects
- Develop conceptual understanding on Digital Retailing

Course Name: Additional English/ Marathi / Hindi

Course Code: 127

- CO1 - Improved their language skills by introducing them with new vocabulary and expressions.
- CO2 - Developed the students as better human beings by bringing them close to enriching experiences shared through the prose and poetry pieces.
- CO3 - Increased their employability by enhancing their communicative power.
- CO4 -

छात्रांको आधुनिक तंत्रिका कलाकामांमध्ये परिचय देणे.

CO5 - छात्रांको आधुनिक तंत्रिका कलाकामांमध्ये परिचय देणे.

CO6 - छात्रांको काव्य, गद्य, पद्य, खण्डकाव्य, शैली, सेपरनचतर्फे परिचय देणे.

CO7 - विविध क्षेत्रातील भाषा व्यवहाराचे वैयक्तिक गरज मध्ये गटचर्चा, पॉवर पॉइंट या माध्यमातून उपयोजन केले.

CO8 - व्यवहार क्षेत्रातील मराठी भाषेचे स्थान लेखनाच्या माध्यमातून वाढवले, खात्रीलपणे मध्ये वापराचा असासकरता आला.

CO9 - विविध क्षेत्रातील मराठी भाषेच्या कौशल्य... भाषावापरात विकसित झाले.

CO10 - विविध लेखन प्रकारांचा असासव मध्ये लेखनाची कौशल्य लेखनाच्या माध्यमातून विकसित केले.



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Khadki Education Society's
Tikaram Jagannath
Arts, Commerce & Science College



**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

CO11 - विवधे षातीलकतृ ववान अयRतीं षयाकायाची ववचारांची ओळखकठनदलक.



OML



PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

CO12 - विद्यया ऽ यथा मयि येनैतक ऽ यवसायिकववैचारकमयांची जोपासना करता आलक.

Course Outcome (COs) - Semester III

Core: Compulsory

Course Name: Business Communication – I

Course Code: 231

Developed the concept, process and importance of communication.

Acquired and developed good communication skills requisite for business correspondence.

Inculcated awareness regarding new trends in Business Communication.

Familiarized the students with the knowledge of various media of communication.

Developed Business Communication skills through the application and exercises.

Course Name: Corporate Accounting – I

Course Code: 232

Acquainted the student with knowledge about various Concepts, Objectives and applicability of some important accounting standards associated with to corporate accounting.

Developed understanding among the students on the difference between commencement and incorporation of a company and the accounting treatment for transactions during the two phases.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Upgraded the students with knowledge for preparation of final accounts of a company as per Schedule III of the Companies Act 2013.

Empowered the students with skills to interpret the financial statements in simple and summarized manner for effective decision-making process.

Course Name: Business Economics – I (Macro)

Course Code: 233

Familiarized the students to the basic theories and concepts of Macro Economics and their application.

Developed the understanding about the relationship amongst broad aggregates.

Imparted knowledge of Business Economics.

Developed an understanding about macroeconomic concepts.

Acknowledged the various concepts of National Income.

Course Name: Business Management – I

Course Code: 234

Developed basic knowledge and understanding about various concepts of Business Management.

The students developed cognizance of the importance of management principles.

Developed an understanding about various functions of management.

Inculcated knowledge about tools and techniques to be used in the performance of the managerial job.

Course Name: Elements of Company Law – I

Course Code: 235

Developed general awareness of Elements of Company Law among the students.

Acquainted the Companies Act 2013 and its provisions.

Established a comprehensive understanding about the existing law on formation of new company in India.

Enabled awareness among the students about legal environment relating to the company law.





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Acquainted the students on e-commerce, E governance and e-filling mechanism relating to Companies.
Enhanced capacity of learners to seek the career opportunity in corporate sector.

Course Name: A Course in Environmental Awareness

- Created awareness about environment and its problems.
- Acquired skills to identify environment problems and capacity building to address them.
- Acquired knowledge about environment, its components & their protection.
- Acquired set of values, feeling of concern towards environment & its protection.
- Evaluated the measures taken for environment protection in terms of its sustainability
- Encourage environmentally conscious ,inclusive decision making in various walks of life & business.
- Fosters the awareness about interdependence of ecology, economy, and sociology there by leading to achieve Sustainable Development Goals.
- Provided a guiding light for environmental responsible behaviour & actions which will help them to building environmentally compatible society & world at large.
- Participated and contribute in environment protection.

Core: Elective

Course Name: Business Administration - I

Course Code: 236(A)

- Developed an understanding of basic knowledge about various forms of business organizations.
- Acquainted the students about business environment and its implications thereon.
- Enriched about the recent trends in business.

Course Name: Banking and Finance - I

Course Code: 236(B)

- Developed the knowledge about Indian Banking System.
- Created the awareness about the role of banking in economic development.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Acquainted the knowledge about working of Central Banking in India.

Developed an understanding about the functioning of private and public sector banking in India.

Course Name: Cost and Works Accounting - I

Course Code: 236(E)

Developed an understanding about the basic concepts of cost.

Developed an understanding about the elements of cost.

Enabled students to prepare a cost sheet.

Facilitated the learners to understand, develop and apply the techniques of inventory control.

Course Name: Business Statistics

Course Code: 236(F)

Developed an understanding about the concepts, techniques & applications of Statistical Methods.

Facilitated the skills of solving real life problems using Statistical Methods.

Students understood the art of applying statistical techniques to solve some real-life problems.

Gained knowledge of Statistical Computations.

Course Name: Business Entrepreneurship - I

Course Code: 236(G)

Developed an understanding about the concepts in Business Entrepreneurship and its aspects.

Enabled student awareness about the entrepreneur and entrepreneurship.

Inculcated the understanding of the new age of entrepreneur and to know in details of entrepreneurship.

Enriched the creativity and innovation required in the entrepreneurship.

Developed the types of ethics and society responsibilities are followed in the conventional and corporate sector in the new edge followed by the rules and regulations.

Familiarized the students with practical survey or through project work will be able to understand the concepts in the subject thoroughly.

Created entrepreneurial encouragement through the study of successful entrepreneurs.

Course Name: Marketing Management - I

Course Code: 236(H)





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Introduced the concept of Marketing Management.

Developed an understanding about the basic knowledge of Marketing Management to be a successful modern marketer.

Inculcated the knowledge of various aspects of marketing management through practical approach.

Interpreted the issues in marketing and their solutions by using relevant theories of marketing management.

Course Outcome (COs) - Semester IV

Core: Compulsory

Course Name: Business Communication – II

Course Code: 241

Developed an understanding about the concept, process and importance of communication.

Acquired and developed good communication skills requisite for business correspondence.

Acquainted awareness regarding new trends in business communication.

Inculcated the knowledge of various media of communication.

Developed Business Communication skills through the application and exercises.

Course Name: Corporate Accounting – II

Course Code: 242

Acquainted the student with knowledge of corporate policies of investment for expansion and growth through purchase of stake in or absorption of smaller units.

Gained the knowledge among the student about consolidation of financial statement with the process of holding.

Upgraded the students with knowledge of the process of liquidation of a company.

Introduced the students with the recent trends in the field of accountancy.





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Name: Business Economics – II (Macro)

Course Code: 243

Familiarized the students to the basic theories and concepts of Macro Economics and their application.
Developed an understanding about the theories of money.
Developed the knowledge of the phases of trade cycle and policy measures to elongate the trade cycle.
Gained knowledge about various concepts related to public finance.
Acquainted the credit creation of banks and money measures of RBI.

Course Name: Business Management – II

Course Code: 244

Enriched the basic knowledge and understanding about various concepts of Business Management.
The students developed cognizance of the importance of management principles.
Developed an understanding about various functions of management.
Developed an understanding about tools and techniques to be used in the performance of the managerial job.

Course Name: Elements of Company Law – II

Course Code: 245

Developed general awareness among the students about management of company
Developed a comprehensive understanding about Key managerial Personnel of company and their role in Company administration.
Acquainted the students about E Governance and E Filing under the Companies Act, 2013.
Equipped the students about the various meetings of Companies and their importance.
Inculcated capability of becoming good human resource of the corporate sector.

Course Name: A Course in Environmental Awareness





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- Created awareness about environment and its problems.
- Acquired skills to identify environment problems and capacity building to address them.
- Acquired knowledge about environment, its components & their protection.
- Acquired set of values, feeling of concern towards environment & its protection.
- Evaluated the measures taken for environment protection in terms of its sustainability
- Encourage environmentally conscious ,inclusive decision making in various walks of life & business.
- Fosters the awareness about interdependence of ecology, economy, and sociology there by leading to achieve Sustainable Development Goals.
- Provided a guiding light for environmental responsible behaviour & actions which will help them to building environmentally compatible society & world at large.
- Participated and contribute in environment protection.

Core: Elective

Course Name: Business Administration - II

Course Code: 246(A)

- Developed an understanding about basic knowledge about various forms of business organizations.
- Acquainted the students about business environment and its implications thereon.
- Inculcated awareness about the recent trends in business.

Course Name: Banking and Finance - II

Course Code: 246(B)

- Gained the knowledge of Cooperative Banking in India.
- Analysed the functioning of Development Banking.
- Created the awareness about Banking Sector Reforms.
- Developed an understanding about the role of various committees on Banking Sector Reforms.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Cost and Works Accounting - II

Course Code: 246(E)

Created awareness about the documents that are used in stores and how to calculate the issuing price of material.

Gained knowledge to students on classification and codification.

Equipped students with knowledge regarding the ascertainment of labour cost.

Acquainted the concept of payroll.

Enriched the understanding about the concepts of labour turnover and merit rating.

Developed an understanding about the recent trends in cost accounting.

Course Name: Business Statistics

Course Code: 246(F)

Developed an understanding about the concepts, techniques & applications of Statistical Methods.

Facilitated the skills of solving real life problems using Statistical Methods.

Students understood the art of applying statistical techniques to solve some real-life problems.

Gained knowledge of Statistical Computations.

Course Name: Business Entrepreneurship - II

Course Code: 246(G)

Created awareness among the students about the entrepreneurial career as an option.

Exposed the students to the applicability of technical skills and challenges in the field of self-employment.

Encouraged the learners by studying the success story and develop problem solving skills.

Course Name: Marketing Management - II

Course Code: 246(H)

Created awareness and impart knowledge about the basics of Marketing Management, which is the foundation of Marketing subject.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Enriched the students in recent trends in marketing management.

Developed an understanding about the concept of Green Marketing.

Enabled students to apply this knowledge in practical by enhancing their skills in the field of Marketing.

Course Outcome (COs) - Semester V

Core: Compulsory

Course Name: Business Regulatory Framework – V

Course Code: 351

Developed an understanding of conceptual knowledge about the framework of business Law in India.

Enriched the students about the legal aspect of business.

Created awareness among the students about legal environment relating to the Contract Law, Partnership Act, The Sale of Goods Act in India.

Developed an understanding about the emerging issues relating to e-commerce, e-transaction issues and E Contracts.

Directed career opportunity in corporate sector relating to business law in India.

Acquainted students with the basic concepts, terms & provisions of Mercantile and Business Laws.

Course Name: Advanced Accounting – V

Course Code: 352

Acquainted the student with knowledge about various concepts, objectives, and applicability of some important accounting standards.

Developed the knowledge among the students about reorganization of business regarding restructuring the capital.

Upgraded the students with knowledge for preparation of final accounts of a Banking Companies with the provisions of Banking Regulation Act 1949.

Empowered the students with skills to prepare the investment account in simple and summarized manner.

Instilled the knowledge about accounting procedures, methods and techniques.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Imparted students' knowledge of various Advanced Accounting Concepts.

Course Name: Auditing & Taxation – I

Course Code: 354

Acquainted themselves about the Definition, Nature, Objectives and Advantages of Auditing, Types of Audit, Errors and Fraud, Audit Program, Notebook, Working Paper, Internal Control, Check.

Gained knowledge about concept of Checking, Vouching, Verification and Valuation, Types of Audit Report and Auditing Assurance Standard.

Developed an understanding about the provision related Qualification, Disqualification, Appointment, Removal, Rights, Duties and Liability of Company Auditor and Provisions regarding Tax Audit as per Income Tax Act 1961 (Section 44 AA to 44AE).

Enhanced their knowledge on the various new concepts in computerized system and Forensic Audit.

Core: Elective

Course Name: Indian and Global Economic Development – I

Course Code: 353(B1)

Developed an understanding about present Economic Scenario of Indian Economy as well as World Economy.

Developed an understanding about the various aspects of development in Agricultural, Industrial and service sector in India.

Critically evaluated the role of India in international economy.

Students evaluated the working of international financial organization and institutions.

Course Name: International Economics – I

Course Code: 353(B2)





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Developed an understanding about present Economic Scenario of Indian Economy as well as World Economy.

Inculcated the working of foreign trade market and foreign exchange market.

Comprehended trade policies and concepts related to trade policies.

Acquainted the subject knowledge in their future academic and professional ventures.

Course Name: Business Administration – II

Course Code: 355 (A)

Acquaint the student with knowledge about various Concepts , Objectives of the Human Resource Function , to identify the difference between Human Resource Management and Human Resource Development.

Update the students on the emerging trends in the area of Human Resource Management
Developed an understanding among the students the process of Recruitment and Selection, understanding the various means and methods associated with the Recruitment and Selection function.

Educated the students on the importance of Training and Development and its impact on Career Planning and Development.

Acquaint the students on the concept of Performance Appraisal ,d the process for effective Performance appraisal and imbibe the values of Ethical Performance appraisal among the student.

Course Name: Banking and Finance – II

Course Code: 355(B)

Developed an understanding about the functions and working of RBI.

Acquired knowledge on the monetary policy and credit control.

Enriched their understanding on the customer relationship management practiced in banking institutions.

Developed an understanding about the new trends in banking in India and the world.

Course Name: Cost and Works Accounting - II

Course Code: 355(E)





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- Applied knowledge & skills in the field of cost and works accounting.
- Acquainted with the procedural aspect and Recent changes in the field of cost and worksaccounting.
- Developed communication and decision-making skills among students through self-learning.

Course Name: Marketing Management – III

Course Code: 355(H)

- Developed an understanding about the concept, need & importance of Advertising and thechallenges of the modern world of Advertising.
- Created awareness and encourage to study the role of information technology and ethics inAdvertising.
- Motivated & encouraged the students for innovative ideas, rational thoughts, competencies& creative thinking.

Course Name: Business Statistics - II

Course Code: 355(F)

- Developed an understanding about the concepts of Game Theory.
- Developed an understanding about the concepts of Statistical Decision Theory.
- Developed an understanding about the concepts of Replacement and Sequencing Problems.
- Developed an understanding about the concepts of Statistical Quality Control.

Course Name: Business Entrepreneurship - II

Course Code: 355(G)

- Acquaint students with knowledge and skills required for organizing and carrying out entrepreneurial activities.
- Developed the ability of analyzing and understanding business situations.
- Studied the interdependent, fast-changing and diverse world of entrepreneurship and innovation.
- Familiarized students with various concepts and processes involved in entrepreneurship andbusiness formation and development.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Provide students with the knowledge, skills and motivation to encourage entrepreneurial approach in a variety of settings.

Acquaint the application of group dynamics to counselling, personal growth and other psychologically oriented groups.

Course Outcome (COs) - Semester VI

Core: Compulsory

Course Name: Business Regulatory Framework – II

Course Code: 361

Course Name: Auditing & Taxation – II

Course Code: 364

Core: Elective

Course Name: Indian and Global Economic Development – I

Course Code: 363(B1)

Course Name: International Economics – I

Course Code: 363(B2)

Course Name: Business Administration – II

Course Code: 365 (A)





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Banking and Finance - III

Course Code: 365(B)

- Developed an understanding about the structure of agricultural finance in India.
- Developed an understanding about the various schemes of agricultural finance.
- Enhanced knowledge about the legal aspects of land revenue records.
- Developed an understanding about the loan sanctioning and disbursement procedure of Agricultural projects.

Course Name: Cost and Works Accounting - III

Course Code: 365(E)

- Increased the learner's knowledge & skills in the field of cost and works accounting
- Acquainted with the procedural aspect and Recent changes in the field of cost and works accounting.
- Developed communication and decision-making skills among students through self-learning.

Course Name: Business Statistics - III

Course Code: 365(F)

- Gained a thorough understanding of applied principles of statistics.
- Developed statistical concepts clearly and professionally in oral form.
- Demonstrated the ability to perform complex data management and analysis.

Course Name: Marketing Management – III

Course Code: 365(H)

Course Name: Business Entrepreneurship - III

Course Code: 365(G)





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

M.Com. Programme Department Of Commerce Programme

Outcomes (Pos)

- PO1: Equip and train Post Graduate students to accept the challenges of business world by providing opportunities for study and analysis of advanced commercial and business methods and processes.
- PO2: Develop independent logical thinking and facilitate personality development.
- PO3: Equip the students for seeking suitable careers in management, Finance, Taxation, Commercial Laws, Accountancy, entrepreneurship, etc.
- PO4: Develop Research aptitude among students.
- PO5: Impart skills regarding methods of data collection and their interpretations.
- PO6: Develop communication and analytical skills among students.



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PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Programme Specific Outcomes (PSOs)

PSO1: The course prepares the students to serve the needs of academics, teaching and research. It provides a rigorous base for teaching and learning thus creating a strong personality of students.

PSO2: Appropriate teaching pedagogies are practiced and adopted to ensure learning for students in an appropriate and enhanced way.

PSO3: The course attempts to inculcated responsibility, honesty, kindness, compassion amongst the students, so that an overall personality of students is developed.

PSO4: Its ultimate aim is to create a groomed person filled with right knowledge and attitude to help create a good environment conducive for growth and future prospects.

Program Specific Outcomes: Cost Audit

PSO 1: Provide adequate knowledge to the students on Cost Audit Practices.

PSO 2: Acquaint students to understand the role and responsibilities of Cost Auditor PSO 3

Familiarise the students how Cost Audit Report is prepared.

Program Specific Outcomes: Recent Advances in Cost Auditing and Cost Systems

PSO1: Aware students with the recent trends in Cost Accounting and Cost Systems. PSO 2

Aware students with the recent trends in Cost Accounting and Cost Systems. PSO 3

Familiarise students with GST and Productive Audit.

PSO 4 Acquaint students with recent trends in Cost Accounting.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Program Specific Outcomes: Cost and Work Accounting

PSO 1: Prepare learners to understand the basic techniques in Cost Accounting.

PSO 2 Understand the learner, application of Cost Accounting techniques in cost control and decision making.

PSO 3 Enable the learners to prepare various types of Budgets.

PSO 4 Learn the basic concept of Uniform Costing and Inter-firm comparison

PSO 5 Enhance the knowledge of students about MIS and Supply Chain Management

PSO 6 Learn the basic concepts of Standard Costing and its practical application.

PSO 7 Understand the concept of Farm Costing and its practical use.

PSO 8 Understand the Cost Accounting Record Rules and their legal application.

PSO 9 Provide training as regards concepts, procedures and legal Provisions of cost audit.

Program Specific Outcomes: Advanced Accounting

Prepare the students to understand the theoretical foundation of Accounting & Accounting Standards.

Enhance the learners ability to solve problems relating to Corporate Accounting.

Program Specific Outcomes: Income Tax

Enhance knowledge of the provisions of Income - tax including Rules pertaining there to, relating to the topics.

Learn the basic ability to calculate taxable Income of 'Individual', 'Hindu Undivided Family' and 'Company' assesses.

Program Specific Outcomes: Information System and E-Commerce Practices





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Provide training to the students to accept the challenges of emerging Business Worldwith advanced information Systems and emerging E-Commerce by practices.

Prepare and analyse the advanced Commercial and business methods and processesin E-Commerce transactions.

Inculcate independent logical thinking and facilitate personality development with the help ofnew information systems.

Familiarize the students for seeking suitable emerging careers in management, entrepreneurshipand E-Commerce activities.

Aware the students about various methods of Data collection and their interpretations.

Develop among students Communication, Study and Analytical and interpretation skills.

Program Specific Outcomes: Intellectual Property Laws: Patents, Trade Marks & Biodiversity

Equip the students to deal with the challenges of Contemporary Business World with recent knowledge.

Develop an independent logical thinking and problem-solving skills.

Sensitise the students regarding suitable careers in management and regulation of IPRs.

Acquaint the students with the methods of Data collection and their interpretations.

Develop among students Analytical and interpretation skills.

Program Specific Outcomes: Advanced Cost Accounting

Prepare learners to understand the Scope of Cost Accounting in any business activity.

Learn the Cost Accounting treatment in relation to Material Cost Accounting, employee cost and overheads.

Develop the learners to establish the interface between Cost Accounting Standards and thevarious elements of Cost.

Enable students to learn application of different methods of costing in Manufacturing and Service industries.

Program Specific Outcomes: Costing Techniques and Responsibility Accounting





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Enhance the abilities of learners to develop the concept of Cost and Management Accounting and its significance in the business

Enable the learners to understand, develop and apply the techniques of costing in the decisionmaking in the corporate world.

Equip the students with knowledge and skill to design and implement cost control through costing Techniques.

Program Specific Outcomes: Production & Operation Management

Understand and develop deep insight of Production & Operation Management.

Understand & identify business problems involving operational function, planning and control, design development and quality management.

Demonstrate awareness and importance of application, operation and supply chain management.

Develop skills necessary to effectively analyse and synthesize the many inter relationship inherent in complex socio-economic productive systems.

Increase the knowledge and perspective to gain from emerging trends in production and operation management.

Program Specific Outcomes: Financial Management

Acquaint the student with knowledge of various Financial Management terminologies (Investment, Credit Planning, Working Capital Management)

Understand the concepts relating to Financing & Financial Statement Analysis

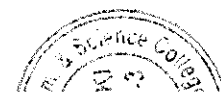
Utilize the information gathered to reach an optimum conclusion by a process of reasoning.

Enable the students to use their learning to evaluate, make decisions and provide recommendations

Program Specific Outcomes: Legal Framework of Banking

Acquaint the students with legal framework in which the Indian banking is working today.

Make the students aware about the latest developments in the field of banking law.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Enable the students to understand modern banking practices.

Enable the students to establish a link between the legal provisions and the practical aspects of banking.

Program Specific Outcomes: Central Banking

Acquaint the students with RBI's various functions.

Make the students aware about the latest developments in the field of Para banking and NBFCs in India.

Enable the students to understand the role of central banking especially in India.

Enable the students to acquire sound knowledge of working and techniques of central bank.

Program Specific Outcomes: Specialized Areas in Accounting

Understand the application of advanced specialized accounting practices in the field of modern business and profession

Prepare the knowledge on corporate restructuring which are essentially mean to attain greater market share, acquire additional brand and create newsynergies

Develop proficiency in new skills expected for future accountants in this changing business environment

Acquaint with the amalgamation and reconstruction procedures of companies

Program Specific Outcomes: Business Tax Assessment and Planning

Provide understanding of Direct Taxes including rules pertaining there to and their application to different business situations.

Understand principles underlying the Goods and Service tax

Understand basic concepts of Goods Service Tax and Customs Duty.

Program Specific Outcomes: E-Security and Cyber Laws

Equip and train Post Graduate students to accept the challenges of Business World by





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

providing opportunities for study and analysis of advanced Commercial and business methods and processes.

Develop independent logical thinking and facilitate personality development.

Equip the students to opt for suitable careers in management and entrepreneurship.

Acquaint the students with methods of Data collection and their interpretations.

Develop among students Communication, Study and Analytical skills.

Program Specific Outcomes: Law Regulating to Copyright and Designs

Equip the students with the Concepts of Copyrights, Geographical indications, Plant Varieties and Designs.

Acquaint Students with legal provisions relating to these IPRs.

Sensitise the students to opt for suitable careers in management and regulation of these IPRs.

Make the students acquainted with the regulatory regime in the field of Copyrights, Geographical indications, Plant Varieties and Designs.

Study relevant judicial decisions relating to these IPRs.

Program Specific Outcomes: Application of Cost Accounting

Explain the concept of integral and non-integral cost accounting.

Study Product Life Cycle costing and Value Chain Analysis

Understand the mechanism of Activity Based Cost Management.

Understand the utility of Cost Accounting data during transfer of product/services from one enterprise to the other either at national or at global level.

Program Specific Outcomes: Cost Control and Cost Systems

1. Equip the students with knowledge and skill to design and implement cost control, cost reduction programme and different cost systems.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Program Specific Outcomes: Business Ethics & Professional Values

- Enhance the student's general awareness on the ethical dilemmas at work place
- Understand the differing perceptions of interest in business related solutions
- Present the concept of Corporate Social Responsibility and explore its relevance to ethical obligations and ethical ideals present in the relationship between employers and employees
- Investigate whether ethics set any boundaries on competition, marketing, sales and advertising
- Enable students to validate or correct, personal ideas about various ethical perspectives
- Enable students to develop their own considered judgment about issues in Business Ethics
- Foster more careful, disciplined thinking in trying to resolve issues in business ethics
- Prepare students to play a constructive role in improving the sustainable development with which they may become involved

Program Specific Outcomes: Elements of Knowledge Management

- Develop Analytical and Research oriented skills among the students.
- Understand value application and relevance of Knowledge management in today's corporate world.
- Promote research and innovation ideas based on Knowledge Management.
- Enhance knowledge level and practice of linking theoretical background with applied Social Science.

Program Specific Outcomes: Banking Law and Practices

- Enable students to acquire sound Knowledge of banking laws and practices in India.
- Make the students aware about the latest developments in the field of banking law.
- Enable the students to understand modern banking practices.
- Enable the students to establish a link between the legal provisions and the practical aspects of banking.

Program Specific Outcomes: Monetary Policy





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Create awareness regarding the objectives and importance of monetary policy.

Make the students aware about the latest developments in the field of monetary policy committee in India.

Enable the students to understand the role of RBI in financial inclusion.

Acquaint students with the recent policy changes announced by RBI.

Program Specific Outcomes: Specialized Auditing

Understand the concept, need, importance, utility of Auditing in special field.

Develop the skills of students to face the modern world of Auditing.

Create awareness among the students to face the modern world of Auditing.

Program Specific Outcomes: Laws Relating to International Business

Equip the students with the knowledge of Contemporary Business World across the globe.

Acquaint the students with basic principles of International Trade, Business and Dispute resolution mechanism.

Make students aware about International Business Environment and about transnational corporations.

Study the impact of international business environment on foreign market operations and India's response to these developments.

Develop independent problem-solving skills and sensitize the students regarding suitable careers in international business.

Program Specific Outcomes: World Trade Organization – Norms & Practices





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

1. Understand purpose and scope of GATT & WTO and to study their legal framework and disputes settlement mechanism with basic insight into substantive law of these institutions.

Program Specific Outcomes: Management Audit

Acquaint the students with the knowledge of the techniques and methods of planning and execution of Management Audit.

Familiarise the students with the knowledge of corporate image.

Provide knowledge to students on operational audit.

Program Specific Outcomes: Human Resource Management

Understand the basic concepts of Human Resource Management and changing role of HRM in business.

Impart adequate knowledge and analytical skills in the field of HRM, HRP and development, Recruitment and Selection Process.

Understand the concepts of Training and Development, Performance Appraisal and Merit Rating.

Expose the students to the concept, significance and uses of the concepts like Retirement/

Retrenchment Strategies and Recent Trends in HRM

Understand the concept of Competency mapping

Understand the E-HR and recent trends in Human Resource management.

Program Specific Outcomes: Organizational Behaviour

Make the students understand various concepts of organization behavior

Provide in depth knowledge about process of formation of group behavior in an organization setup

Prepare the learners to understand the motivational process and emotional intelligence.

Understand the concept of stress and conflict and effects of work culture





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Program Specific Outcomes: Foreign Exchange

Provide an understanding of various aspects of foreign exchange market.

Acquaint the students with financing of foreign trade.

Provide an understanding about exchange rate mechanism and factors affecting exchange rates.

Make students aware of recent development in foreign exchange market.

Program Specific Outcomes: International Finance

Offer exposure of international banking.

Provide understanding of International Financial market.

Acquaint the students with International monetary system.

Provide an understanding of operations of international Financial Institutions.

The spin-off benefits to the participants should be to develop in them a right attitude, inject enthusiasm and hone their interactive ability as they address the issues and challenges of operating in the international market.

Program Specific Outcomes: Recent Advances in Accounting, Taxation & Auditing.

Enable the students to be abreast with the latest advances in the field of accounting.

Acquaint students with the latest trends of accounting adopted by large and small entities worldwide.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Program Specific Outcomes: Recent Advances in Commercial Laws and Practices

2. Understand purpose, scope and legal framework of law relating Competition, Securitization, debt recovery and Special economic zones and disputes settlement mechanism provided under relevant substantive laws regulating such bodies or authorities.

Program Specific Outcomes: Recent Advances in Business Administration

Familiarize the students with the recent advancements in business administration

Develop an understanding about tools and their application in the business.

Understand the basic concepts of Change Management and their approaches. 4. To impart adequate knowledge and analytical of cross-cultural Management.

Impart the basic concept and strategies of customer centric Management.

Expose the students to the concept, Innovation Management

Program Specific Outcomes: Recent Advances in Banking and Finance

Enable student understand new developments in banking industry.

Keep the students abreast with the innovative practices introduced by RBI in day-to-day banking in India.

Enable the students to understand the various modern services offered by banks.

Give exposure of financial services offered by various agencies and financial adviser to





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

- Make aware about recent development in banking.
- Expose them to technological changes brought in Indian banks.
- Learn and acquire the knowledge of latest development in Indian money market.
- Acquire skills about recent development in Indian capital market.

Course Outcome (COs): Semester – I

Course Name: Management Accounting

Course Code: 101

Enhance the abilities of learners to develop the concept of management accounting and its significance in the business.

Enhance the abilities of learners to analyse the financial statements.

Enable the learners to understand, develop and apply the techniques of management accounting in the financial decision making in the business corporate.

Develop competence with their usage in managerial decision-making and control.

Course Name: Strategic Management

Course Code - 102

Familiarized the students to the emerging changes in the modern business environment

Develop the analytical, technical and managerial skills of students in the various areas of Business Administration

Empower to students with necessary skill to become effective future managers and leaders

Develop technical skills among the students for designing and developing effective

Functional strategies for growth and sustainability of business.

Course Name: Advanced Accounting

Course Code: 103

Developed the understanding of theoretical foundation of Accounting & Accounting Standards.

Gain ability to solve problems relating to Corporate Accounting.





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Name: Income Tax

Course Code: 104

Gain knowledge of the provisions of Income - tax including Rules pertaining there to, relating to the following topics.

Develop ability to calculate taxable Income of 'Individual', 'Hindu Undivided Family' and 'Company' assesses.

Course Name: Information System and E-Commerce Practices Course

Code: 105

Equipped and trained the students to accept the challenges of emerging Business World with advanced information Systems and emerging E-Commerce by practices.

Analysed the advanced Commercial and business methods and processes in E-Commerce transactions.

Develop independent logical thinking and facilitate personality development with the help of new information systems.

Equipped the students for seeking suitable emerging careers in management, entrepreneurship and E-Commerce activities.

Acquainted with the methods of Data collection and their interpretations.

Develop among students Communication, Study and Analytical and interpretation skills.

Course Name: Intellectual Property Laws: Patents, Trade Marks & Biodiversity Course

Code: 106

Equipped the students to deal with the challenges of Contemporary Business World with recent knowledge.

Develop independent logical thinking and problem-solving skills.

Sensitised the students regarding suitable careers in management and regulation of IPRs.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Acquaint the students with the methods of Data collection and their interpretations.

Develop among students Analytical and interpretation skills.

Course Name: Advanced Cost Accounting

Course Code:

107

Prepared the learners to understand the Scope of Cost Accounting in any business activity.

Acquired knowledge of the Cost Accounting treatment in relation to Material Cost Accounting, employee cost and overheads.

Develop the learners to establish the interface between Cost Accounting Standards and the various elements of Cost.

Enable students to learn application of different methods of costing in Manufacturing and Service industries.

Course Name: Costing Techniques and Responsibility Accounting

Course Code: 108

Enhance the abilities of learners to develop the concept of Cost and Management Accounting and its significance in the business

Enable the learners to understand, develop and apply the techniques of costing in the decision making in the corporate world.

Equipped the students with knowledge and skill to design and implement Cost Control through Costing Techniques.

Course Name: Production & Operation Management

Course Code: 113

Developed deep insight of Production & Operation Management.

Identified business problems involving operational function, planning and control, design development and quality management.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Demonstrate awareness and importance of application, operation and supply chain management.

Developed skills necessary to effectively analyse and synthesize the many interrelationship inherent in complex socio-economicproductive systems.

Gained the knowledge and perspective to gain from emerging trends in production and operation management.

Course Name: Financial Management

Course Code: 114

Acquaint the student with knowledge of various Financial Management terminologies (Investment, Credit Planning, Working Capital Management)

Understood the concepts relating to Financing & Financial Statement Analysis

Utilized the information gathered to reach an optimum conclusion by a process of reasoning.

Enable the students to use their learning to evaluate, make decisions and providerecommendations.

Course Name: Legal Framework of Building

Course Code: 115

Acquaint the students with legal framework in which the Indian banking is working today.

Made the students aware about the latest developments in the field of banking law.

Enable the students to understand modern banking practices.

Enable the students to establish a link between the legal provisions and the practical aspects of banking.

Course Name: Central Banking

Course Code: 116

Acquaint the students with RBI's various functions.

Familiarized the students about the latest developments in the field of Para banking and NBFCsin India.

Enable the students to understand the role of central banking especially in India.

Enable the students to acquire sound knowledge of working and techniques of central bank.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Outcome (COs): Semester – II

Course Name: Financial Analysis & Control

Course Code: 201

Enable the students to acquire knowledge of financial analysis and control tools.
Created appropriate application and uses of financial analysis and control.

Course Name: Industrial Economics

Course Code: 202

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Developed an understanding about concepts of industrial economics
Familiarized the students know theories of industrial economics
Imparted students' knowledge about sources of industrial finance and Indian industrial growth

Course Name: Specialized Areas in Accounting

Course Code: 203

Developed an understanding about the application of advanced specialized accounting practices in the field of modern business and profession
Gained the knowledge on corporate restructuring which are essentially mean to attaining greater market share, acquire additional brand and create new synergies
Developed proficiency in new skills expected for future accountants in this changing business environment.
Acquaint with the amalgamation and reconstruction procedures of companies



Course Name: Business Tax Assessment and Planning

Course Code: 204

Provided understanding of Direct Taxes including rules pertaining there to and their application



PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

to different business situations.

Familiarized with the principles underlying the Goods and Service tax

Understood basic concepts of Goods Service Tax and Customs Duty.

Course Name: E-Security and Cyber Laws

Course Code: 205

Equipped and trained Post Graduate students to accept the challenges of Business World by providing opportunities for study and analysis of advanced Commercial and business methods and processes.

Developed independent logical thinking and facilitate personality development.

Equipped the students to opt for suitable careers in management and entrepreneurship.

Acquaint the students with methods of Data collection and their interpretations

Developed among students Communication, Study and Analytical skills.

Course Name: Law Regulating to Copyright and Designs

Course Code:

206

Equipped the students with the Concepts of Copyrights, Geographical indications, Plant Varieties and Designs.

Acquaint Students with legal provisions relating to these IPRs.

Sensitized the students to opt for suitable careers in management and regulation of these IPRs.

Acquainted with the regulatory regime in the field of Copyrights, Geographical indications, Plant Varieties and Designs.

Studied relevant judicial decisions relating to these IPRs.

Course Name: Application of Cost Accounting

Course Code: 207

Explained the concept of integral and non-integral cost accounting.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Developed an understanding about the Product Life Cycle costing and Value Chain Analysis

Empowered about the mechanism of Activity Based Cost Management.

Understood the utility of Cost Accounting data during transfer of product/services from one enterprise to the other either at national or at global level.

Course Name: Cost Control and Cost Systems

Course Code: 208

Equipped the students with knowledge and skill to design and implement cost control, cost reduction programme and different cost systems.

Course Name: Business Ethics & Professional Values

Course Code: 213

Raised the student's general awareness on the ethical dilemmas at work place

Understood the differing perceptions of interest in business related solutions

Presented the concept of Corporate Social Responsibility and explore its relevance to ethical obligations and ethical ideals present in the relationship between employers and employees

Investigated whether ethics set any boundaries on competition, marketing, sales and advertising

Enable students to validate or correct, personal ideas about various ethical perspectives

Enable students to develop their own considered judgment about issues in Business Ethics

Promoted more careful, disciplined thinking in trying to resolve issues in business ethics

Prepared students to play a constructive role in improving the sustainable development with which they may become involved.

Course Name: Elements of Knowledge Management

Course Code: 214

Developed Analytical and Research oriented skills among the students.

Familiarized with the value application and relevance of Knowledge management in today's corporate world.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Promoted research and innovation ideas based on Knowledge Management.

Enhanced the knowledge level and practice of linking theoretical background with applied Social Science.

Course Name: Banking Law and Practices

Course Code:

215

Enable students to acquire sound Knowledge of banking laws and practices in India.

Created awareness about the latest developments in the field of banking law.

Enable the students to understand modern banking practices.

Enable the students to establish a link between the legal provisions and the practical aspects of banking.

Course Name: Monetary Policy

Course Code: 216

Created awareness regarding the objectives and importance of monetary policy.

Created awareness about the latest developments in the field of monetary policy committee in India.

Enable the students to understand the role of RBI in financial inclusion.

Acquaint students with the recent policy changes announced by RBI.

Course Outcome (COs): Semester – III

Course Name: Business Finance

Course Code: 301

Acquainted the students with corporate finance required for Indian Industries.

Created awareness about the latest developments in the field of corporate finance.

Enabled the students to understand the traditional theories of capitalization and dividend distribution practices.

Provided detailed exposure of working capital management practice of finance to students Skillsto be developed.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- Created awareness about role of corporate finance and time value of money.
- Provided exposure to financial planning of firms and steps involved in it.
- Learned and acquired knowledge of long term and short-term sources of finance available in India.
- Acquired skills about how to go for working capital management of firm.

Course Name: Research Methodology for Business

Course Code: 302

- Acquainted the students with the areas of Business Research Activities
- To enhance capabilities of students to conduct the research in the field of business and social sciences
- Enabled students in developing the most appropriate methodology for their research studies
- Familiarized with the art of using different research methods and techniques

Course Name: Advanced Auditing

Course Code: 303

- Enabled the students to acquire knowledge of Auditing.
- Created appropriate application and uses of Auditing.

Course Name: Specialized Auditing

Course Code:

- 304**
- Developed an understanding about the concept, need, importance, utility of Auditing in special field.
 - Developed the skills of students to face the modern world of Auditing.
 - Created awareness among the students to face the modern world of Auditing.

Course Name: Laws Relating to International Business

Course Code: 305

- Equipped the students with the knowledge of Contemporary Business World across the globe.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Acquainted the students with basic principles of International Trade, Business and Disputeresolution mechanism.

Created awareness about International Business Environment and about transnational corporations.

Impact of international business environment on foreign market operations and India's responseto these developments.

Developed independent problem-solving skills and sensitize the students regarding suitablecareers in international business.

Course Name: World Trade Organization – Norms & PracticesCourse

Code: 306

Understood purpose and scope of GATT & WTO and to study their legal framework anddisputes settlement mechanism withbasic insight into substantive law of these institutions.

Course Name: Cost Audit

Course Code: 307

Provided the adequate knowledge to the students on Cost Audit Practices.

Acquainted students to understand the role and responsibilities of Cost Auditor

Familiarised the students how Cost Audit Report is prepared.

Course Name: Management Audit

Course Code: 308

Acquainted the students with the knowledge of the techniques and methods of planning and execution of Management Audit.

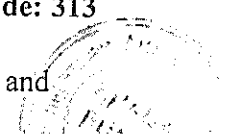
Familiarised the students with the knowledge of corporate image.

Provided the knowledge to students on operational audit.

Course Name: Human Resource Management

Course Code: 313

Developed an understanding about the basic concepts of Human Resource Management and





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

changing role of HRM in business.

Imparted adequate knowledge and analytical skills in the field of HRM, HRP and development, Recruitment and Selection Process.

Understood the concepts of Training and Development, Performance Appraisal and Merit Rating.

Exposed the students to the concept, significance and uses of the concepts like Retirement/Retrenchment Strategies and Recent Trends in HRM

Developed an understanding about the concept of Competency mapping

Understood the E-HR and recent trends in Human Resource management.

Course Name: Organizational Behaviour

Course Code: 314

Developed an understanding about the students understand various concepts of organizationbehavior

Provided in depth knowledge about process of formation of group behavior in an organization setup

Empowered the motivational process and emotional intelligence.

Understood the concept of stress and conflict and effects of work culture

Course Name: Foreign Exchange

Course Code: 315

Provide an understanding of various aspects of foreign exchange market.

Acquainted the students with financing of foreign trade.

Developed an understanding about the exchange rate mechanism and factors affecting exchangerates.

Created awareness of recent development in foreign exchange market.

Course Name: International Finance

Course Code: 316

Offered exposure of international banking.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Provided understanding of International Financial market.

Acquainted the students with International monetary system.

Developed an understanding about the operations of international Financial Institutions.

Course Outcome (COs): Semester – IV

Course Name: Capital Market and Financial Services

Course Code: 401

Acquainted the students with working of capital market.

Created awareness about the latest developments in the field of capital market in India.

Enabled the students to understand various transactions in stock exchanges and agencies involved in it.

Provided exposure of financial services offered by various agencies and financial adviser to students.

Created awareness about working of capital market in India.

Exposed them to various instruments of capital market.

Acquired the knowledge of financial services offered by agencies.

Acquired skills about recent development in regulatory body SEBI

Course Name: Industrial Economic Environment

Course Code:

402

Provided knowledge about basic issues in Industrial Economic Environment to students.

Created awareness about Industrial pattern and growth in India and Industrial policies of India since independence.

Studied progress and current problems of major industries in India.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Name: Recent Advances in Accounting, Taxation & Auditing. Course

Code: 403

- Enable the students to be abreast with the latest advances in the field of accounting.
- Acquainted students with the latest trends of accounting adopted by large and small entities worldwide.
- Enable students to realize the need for up gradation of technology-based accounting skills.

Course Name: Recent Advances in Commercial Laws and Practices Course Code: 405

- Understood purpose, scope and legal framework of law relating Competition, Securitization, debt recovery and Special economic zones and disputes settlement mechanism provided under relevant substantive laws regulating such bodies or authorities.

Course Name: Recent Advances in Cost Auditing and Cost System Course Code: 407

- Created awareness among the students about the recent trends in Cost Accounting and Cost Systems.
- Acquainted students with Standards and applications Of Cost Accounting
- Familiarised students with GST and Productive Audit.
- Acquainted students with recent trends in Cost Accounting.

Course Name: Recent Advances in Business Administration

Course Code: 413

- Familiarized the students with the recent advancements in business administration
- Developed an understanding about tools and their application in the business.
- Understood the basic concepts of Change Management and their approaches. 4.To impartadequate knowledge and analytical of cross-cultural Management.
- Imparted the basic concept and strategies of customer centric Management.
- Exposed the students to the concept, Innovation Management





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Recent Advances in Banking and Finance

Course Code:

415

Enable students; understand new developments in banking industry.

Kept the students abreast with the innovative practices introduced by RBI in day-to-day banking in India.

Enable the students understood the various modern services offered by banks.

Provided exposure of financial services offered by various agencies and financial adviser to students.

Created awareness about recent development in banking.

Exposed them to technological changes brought in Indian banks.

Learned and acquired the knowledge of latest development in Indian money market.

Acquired skills about recent development in Indian capital market.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Programme: BBA Program Outcomes (POs):

To develop precise understanding about business environment and organizations.

To develop leadership aptitude among the students in order to work independently and inorganized groups.

To inculcate among the students the qualities of a dynamic manager, capable of taking various decisions and communicating effectively to different groups of people.

To understand and gain knowledge of various financial institutions and agencies.

PSO FOR FINANCIAL MANAGEMENT SPECIALIZATION:

The PSO for Finance specialization is to understand practices that are currently followed in businesses.

It is designed to prepare students for interpretation and analysis of financial statements effectively.

Inculcate among the students the financial capabilities and qualities of a dynamic manager who is capable of taking various financial decisions.



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PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

COURSE OUTCOME (COS) - SEMESTER I

Core: Compulsory

COURSE NAME: PRINCIPLES OF MANAGEMENT

Course Code: 101

CO1	To develop managerial effectiveness through managerial thinking Knowledge of effective
CO2	Learning about the management philosophy over the period of time
CO3	How to plan and organize an activity and motivate the group
CO4	Developed the basic concept regarding Organisation Business Administration
CO5	Inculcated various management principles
CO6	Inculcated various management principles
CO7	Empowered managerial skills among the students

Course Name: Business Communication Skills

Course Code: 102

CO1	Ability to understand implication of effective communication
CO2	To develop an appropriate understanding role and utility of written communication in life
CO3	To develop proficiency for different purposes for different organizations
CO4	To communicate interact effectively by using different forms of social media
CO5	Developed the understanding of the role of communication in personal and businessworld
CO6	Understood system and communication and their utility
CO7	Acquainted proficiency in how to write business letters and other communicationsrequired in business





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Business Accounting

Course Code: 103

CO1	Developed the right understanding regarding role and importance of monetary and financial transactions in business
CO2	Ability to distinguish between different tractions and its nature
CO3	Ability to prepare and interpret bank reconciliation statement
CO4	Appling software basic financial statement and converting row financial data into well written financial data
CO5	Cultivated the right approach towards classifications of different transactions and their implications
CO6	Acknowledged proficiency preparation of basic financial as to how to write basisaccounting statement - Trading and P&L





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Name: Business Economics – Micro

Course Code: 104

CO1	To understand different facets of economics and importance of prudent thinking
CO2	To understand variation in demand and supply. How it affects the different economic situations and various factors of production
CO3	To understand how the revenue is calculated for different situations and factors determined revenue.
CO4	To understand how pricing determination is affected by different market players and forces and its impact on market and society

Course Name: Business Mathematics

Course Code: 105

CO1	To understand how to apply the concept of interest and methods of calculation of interest
CO2	To develop Mathematical competence for various interest related transactions and other activities
CO3	Ability to develop the skills for data interpretation and inferences.
CO4	Ability to apply the various concepts in business situations
CO5	Empowered the appropriate understanding as how to use mathematic like computation interest, profit etc
CO6	Cultivated the right understanding regaining numerical aptitude to develop logical approach towards analytical approach data

Course Name: Business Demography

Course Code: 106

CO1	Developed the understanding regarding concept of demography in modern economic setup
CO2	Studied how population and structure changes affecting quality of life and business
CO3	Developed the clarity of concept regarding social economic process and urbanization and its impact on society
CO4	Ability to understand the components of demography. Factors governing of a particular economics and government. Socio economic changes as a outcome of demographic changes
CO5	Ability to examine how demographic changes - influences different aspects of policy formulation and social development





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Outcome (COs) - Semester II

Core: Compulsory

Course Name: Business Organization and System

Course Code: 201

CO1	Understand how a business functions, Understanding the idea of business as an economic entity, To understand modern commerce performs new business initiatives.
CO2	Knowledge of selection and appropriateness of a form of business organization ,
CO3	Learning functioning of different types of Sole proprietorship,
CO4	To learn How a partnership firm is formed, partnership deed, admission and retirement of a partner, Documentation process of LLP and private limited company and process of registration, Documentation process of joint stock company and process of registration

Course Name: Principles of Marketing

Course Code: 202

CO1	Developed the understanding regarding marketing environment in the country
CO2	Developed the conceptual understanding as to develop basic marketing concept
CO3	Acquired the Knowledge regarding services, rural marketing and new trends in marketing





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Name: Principles of Finance

Course Code: 203

CO1	Cultivated right approach towards money, finance, and their role in business
CO2	Developed basic skills as to concept of capital structure and concept of capital structure
CO3	Enabled the students to acquire knowledge of financial analysis and control tools
CO4	Developed right understanding regarding various sources of finance
CO5	Developed ability to calculate undercapitalized and over capitalized situation of business
CO6	Developed the right understanding regarding various sources of finance and their role and utility in business
CO7	Acquired the Knowledge of basic skills as to concept of capital structure and concept of capital structure

Course Name: Basics of Cost Accounting

Course Code: 204

CO1	Able to learn concept of cost expenditure in business
CO2	Ability to distinguish between different transactions and its nature
CO3	Developed skills for computation of total cost for a particular product
CO4	Developed understanding how overheads influence the cost structure of cost
CO5	Acquired the rational understanding regarding concept of cost expenditure in business.

Course Name: Business Statistics

Course Code: 205

CO1	To understand how to apply the concept of interest and methods of calculation of interest
CO2	To develop Mathematical competence for various interest related transactions and other activities
CO3	Ability to develop the skills for data interpretation and inferences.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Fundamentals of Computers

Course Code: 206

CO1	Proficiency in applying computers in business activities like data processing Tabulation ,data analysis And presentation of data
CO2	Developed the rational approach as to how computers can be used in data processanalysis in business
CO3	. Proficiency in handling of different applications, preparation of power point Presentation.
CO4	Acquired the Knowledge of concept of information and their role in modern businesses
CO4	Developed the understanding regarding cautions to be taken security, safety and securitywhile using net based service

COURSE OUTCOME (COS) - SEMESTER III

Core: Compulsory





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Principles of Human Resource Management

Course Code: 301

Introduced the basic concepts of Human Resource Management.

Cultivated the right approach towards Human Resource and their role in business.

Created awareness about the various trends in HRM among the students.

Course Name: Supply Chain Management

Course Code: 302

Enabled the students to have a comprehensive understanding of Supply Chain Management.

Understood the key concepts and issues of Logistics and Inventory Management.

Acquired the Knowledge on Warehousing and its role in Space Management.

Course Name: Global Competencies & Personality Development

Course Code: 303

Builded self-confidence, enhanced self-esteem, and improve overall personality of the students.

Enhanced global and cultural competencies of the students.

Groomed the students for appropriate behaviour in social and professional circles.

Course Name: Fundamentals of Rural Development

Course Code: 304

Acquired the Knowledge of the development issues related to rural society.

Understood the employment opportunities for rural youth.

Created interest among the rural youth to participate in rural development programmes and schemes for sustainable development.

Discouraged seasonal and permanent migration to urban areas.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Outcome (COs) - Semester IV

Core: Compulsory

Course Name: Entrepreneurship and Small Business Management

Course Code: 401

Understood the concept and process of Entrepreneurship.

Acquired Entrepreneurial spirit and resourcefulness.

Got acquainted with the concept of Small Business Management.

Understood the role and contribution of Entrepreneurs and Small Businesses in the growth and development of individual and the nation.

Course Name: Productions and Operations Management

Course Code: 402

Understood the key concepts of Production and Operation Management.

Understood the various manufacturing methods and role in managing business.

Created awareness about the various safety measures and ergonomics in industries.

Course Name: Decision Making and Risk Management

Course Code: 403

Learned the key topics in decision-making and risk management so that they can improve decision-making and reduce risk in their management activities and organizations.

Founded the best alternative in a decision with multiple objectives and uncertainty.

Described the process of making a decision.

Analyzed an organization's decision-making system.

Developed a risk management process.

Course Name: International Business Management

Course Code: 404

Acquainted the students with emerging trends and issues in International Business.

Acquired understanding on the impact of International Business Environment on foreign market operations.

Analyzed International trade models.

Analyzed the International Investment and its risks associated.

Understood the financial aspects in world economies, their need and functionality





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Course Outcome (COs) - Semester V

Core: Compulsory

Course Name: Research Methodology

Course Code: 501

Developed an understanding of the right approach of Research Methodology and its role in Business.

Developed an understanding of the basic framework of the identification of various sources of information for data collection.

Developed an understanding of various Designs, Tools and Techniques of Research Study.

Enabled the students in conducting Research work and write Research Paper and Research Project Report.

Course Name: Database Administration and Data Mining

Course Code: 502

Understood the Database Management System

Understood the Data Mining Concepts

Understood the current trends in Data Management

Course Name: Business Ethics

Course Code: 503

Provided a comprehensive understanding of the concepts of Business Ethics

Developed theoretical tools to understand current ethical issues and their impacts on business.

Analyzed the role of Ethics in business, Government and Society.

Analyzed the Ethical scenario concerning to Environment and consumer protection.

Course Name: Management of Corporate Social Responsibility

Course Code: 504

Understood the concept and process of CSR

Understood the industrial contribution for CSR Policy





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Understood the context of CSR of present-day Management
Understood the contribution of CSR for the development of Society

Course Outcome (COs) - Semester VI

Core: Compulsory

Course Name: Essentials of E - Commerce

Course Code: 601

Understood the importance, role, and activities of E-Commerce.
Understood various E-Money and E-Payment systems used in E-Commerce.
Understood the concept of E-Marketing and its tools in E-Commerce.
Understood the concept of Cyber Space and Cyber Security in E-Commerce.

Course Name: Management Information System

Course Code: 602

Described the basic concept of Information Technology and Management Information System.
Described the role of information technology and information systems in business.
Contrasted and compared how MIS support business processes.
Introduced the fundamental knowledge of Structured System Analysis and Design

Course Name: Business Project Management

Course Code: 603

Developed a significant understanding of Project Management.
Developed a concept-based approach towards Management of Business Projects.
Developed the relationship between the significance of Businesses Projects & their Management.

Course Name: Management of Innovations & Sustainability

Course Code: 604





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Understood the concepts of Innovation and Sustainability in a practical sense.

For better knowledge of the significance of organisational sustainable development and the economic implications of sustainable development.

Learned about the most common errors made when handling sustainable growth.

Understood the concept of Sustainability Innovation. Understand socio-political aspects of sustainable development – social responsibility aspect.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Programme: BBA (CA) Program Outcomes (POs):

This program produces computer skill oriented human resource to meet the industry requirements. After completion of BBA (CA) students can acquire practical skills in various areas like software testing, programming, web application development and android application development. Student also learns and explores concepts of E-Commerce and Digital Marketing. This program also helps to bring the spirit of entrepreneurship among students.

Program Specific Outcomes (PSOs):

Students acquire knowledge in various computer technologies.



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PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Students can enter software industry, Banks, Companies from Finance sector after completion of the program.

Students can join master's degree programs like MBA, MCA or can appear for Professional exams like MPSC, UPSC so on.

Student develops communication skills in personal and business world.

Student acquires knowledge and practical skills to work as programmer, tester and software engineer.

Course Outcome (COs) - Semester I

Core: Compulsory

Course Name: Business Communication Skills

Course Code: 101

To understand is the role of communication in personal and business world

To understand system and communication and their utility

To develop proficiency in how to write business letters and other communications in required

Course Name: Principles of Management

Course Code: 102

To understand basic concept regarding org. Business Administration

To examining how various management principles

To develop managerial skills among the students

Course Name: C-Programming

Course Code: 103

To understand basic concepts of programming using C.

To understand various control structures supported in C.



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**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

To develop programming skills among the students

Course Name: Database Management System

Course Code: 104

To understand basic concepts of Database Management.

To understand various concepts of RDBMS.

To develop skills for managing Databases using SQL

Course Name: Statistics

Course Code: 105

To understand role and importance of statistics in various business situations

To develop skills related with basic statistical technique

Develop right understanding regarding regression, correlation and data interpretation

Course Name: Computer Laboratory Based on 103 &104

Course Code: 106

To understand the basic principles and working of C language and Oracle RDBMS

To apply the skills of C language to develop programs for solving problems.

To apply RDBMS principles to solve different case studies.

Course Name: Add-On (PPA)

Course Code: 107

To develop Analytical and Logical thinking.

To develop Problem solving capabilities

Course Outcome (COs) - Semester II

Core: Compulsory





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Organization Behaviour & Human Resource Management Course

Code: 201

To understand basic concept of HRM & OB

To make aware students about traditional & modern methods of procurement & development in organization.

To know the major trends in HRM & OB

Course Name: Financial Accounting

Course Code: 202

To develop right understanding regarding role and importance of monetary and financial transactions in business

To cultivate right approach towards classifications of different transactions and their implications

To develop proficiency preparation of basic financial as to how to write basis accounting statement - Trading and P&L

Course Name: Business Mathematics

Course Code: 203

To understand role and importance of Mathematics in various business situations and while developing software.

To develop skills related with basic mathematical technique

Course Name: Relational Database

Course Code: 204

Enables students to understand relational database concepts and transaction management concepts in database system.

Enables student to write PL/SQL programs that use: procedure, function, package, cursor and trigger





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Course Name: Web Technology HTML-JS-CSS

Course Code: 205

- To know & understand concepts of internet programming.
- To understand how to develop web based applications using JavaScript.

Course Name: Computer Laboratory Based on 204 & 205

Course Code: 206

- To understand the basic principles and concept of Data Structures.
- To apply C Programming language skills to develop various programs using DataStructure Concepts.
- To understand and apply PL/SQL concepts for problem solving.
- To apply RDBMS principles to solve different case studies practically

Course Name: Add-On (Advance C)

Course Code: 207

- To understand different methods of organising large amounts of data
- To efficiently implement different data structure
- To efficiently implement solution for different problems
- To get more knowledge on C programming language

COURSE OUTCOME (COS) - SEMESTER III

Core: Compulsory

RDBMS (Relational Database Management System)





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Enables students to understand relational database concepts and transaction management concepts in database system.

Enables student to write PL/SQL programs that use: procedure, function, package, cursor and trigger.

Data Structure Using C

To understand different methods of organising large amounts of data

To efficiently implement different data structure

To efficiently implement solution for different problems
To get more knowledge on C programming language

Introduction to Operating System

To know system programming

To know services provided by operating system

To know the Scheduling concepts

Business Mathematics

To understand the basic calculations as profit, loss, interest, ratio, percentage

To know more about matrices

To learn different LPP and TP

Software Engineering

Objective: This course enables students to understand system concepts and its application in Software development.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Computer Laboratory

To understand the basic principles and concept of Data Structures.

To apply C Programming language skills to develop various programs using DataStructure Concepts.

To understand and apply PL/SQL concepts for problem solving.

To apply RDBMS principles to solve different case studies practically

COURSE OUTCOME (COS) - SEMESTER IV

Core: Compulsory

Object Oriented Programming Using C++

Acquire an understanding of basic object-oriented concepts and the issues involved in effective class design.

Enables student to write C++ programs that use: object-oriented concepts such as information hiding, constructors, destructors, inheritance.

Programming in Visual Basic Course

To learn properties and events, methods of controls and how to handle events of different controls.

To understand the use of active controls and how to design VB application

To learn connectivity between VB and databases.

Computer Networking

To know about computer network.

To understand different topologies used in networking

To learn different types of network.

To understanding the use of connecting device used in network.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Enterprise Resource Planning and Management.

To know what is ERP.

To learn different ERP technologies.

Human Resource Management

To acquaint the students with the Human Resource Management its different functions in an organization and the Human Resource Processes that are concerned with planning, motivating and developing suitable employees for the benefit of the organization.

Computer Laboratory

To understand the basic principles and concept of C++ through programs.

To apply C++ Programming language skills to solve various problems.

To understand and apply VB concepts for developing various small applications

Course Outcome (COs) - Semester V

Core: Compulsory

Java Programming

To introduce the object oriented programming concepts.

To introduce the implementation of packages and interfaces

To introduce the concepts of exception handling and multithreading.

To introduce the design of Graphical User Interface using applets and swing controls.

Web Technologies

To know & understand concepts of internet programming.

To know & understand concepts of Java Script

To understand how to develop web based applications using PHP.





**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Dot Net Programming

To know & understand concepts of dot net framework.

To know & understand concepts of visual programming with object oriented programming and event driven programming.

To know & understand concepts of application development with database.

Object Oriented Software Engineering

To understand the fundamentals of object modeling

To understand and differentiate Unified Process from other approaches.

To design with static UML diagrams.

To design with the UML dynamic and implementation diagrams.

To improve the software design with design patterns.

Software Project:

To apply software engineering skills acquired for designing a software project.

To apply programming skills acquired (C++, VB) to develop small software project.

Computer Laboratory

To understand the basic principles and concept of Java through programs.

To apply Java Programming language skills to solve various problems.

To understand and apply VB.Net concepts for developing various small applications.

To understand the basic principles WebTechnologies, concept of Web Page and WebSite.

To apply the skills of HTML, CSS and JavaScript to develop web based applications.

Course Outcome (COs) - Semester VI

Core: Compulsory

Advanced Web Technologies

To know & understand concepts of object oriented programming in PHP





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

To know & understand concepts of XML and AJAX in PHP

To know & understand concepts of web services

Advanced Java

To know the concept of Java Programming.

To understand how to use programming in day to day applications.

To develop programming logic.

Recent Trend in IT

To introduce upcoming trends in Information technology.

To know the concept Data ware house and data mining.

To know the concept Network Security.

To study Eco friendly software development.

Software Testing

To know the concept of software testing.

To know the concept of software testing tools.

To understand how to test bugs in software.

Software Project

To apply software engineering skills acquired for designing a software project.

To apply programming skills acquired (Java,, VB.NET) to develop small softwareproject.

Computer Laboratory

To understand the basic principles and concept of Adv. Java through programs.

To apply Adv. Java Programming language skills to solve various problems.

To understand the Adv. principles Web Technologies, concept for Web Programming.

To apply the skills of PHP to develop web based applications





PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)	
PO1:	Define and develop the interdisciplinary approach through the study of Geography
PO2:	Enhance employability and entrepreneurs skills among the students.
PO3:	Demonstrate and appreciate the importance of diverse cultural, economic, regional, and resources perspective.
PO4:	Realization the importance of relation between Geography and various branches of Humanities, mental moral sciences.
PO5:	Demonstrate and understand the important concept and theories in the field of Geography.
Programme Specific outcomes (PSC)	
PO6:	Demonstrate knowledge of physical and cultural features of the earth's surface.
PO7:	Define basic disciplines of Geography and its subbranches.
PO8:	Discuss the basic concepts and terminologies used in Geography like interior of the earth, plate tectonic, sea floor spreading, population growth, disasters, composition and structure of atmosphere, hydrosphere, etc.
PO9:	Distinguish between minerals and rocks, weather and climate, interior of the earth, basic industries, farming etc.
PO10:	Describe the causes and effects of local, national and international problems like global warming, acid rain, ozone depletion, soil degradation, deforestation etc.





PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

COURSE OUTCOMES (CO): Class: FYBA (Geography)

Class	Subject Code	Subject Name	Semester
FYBA	11201	Physical Geography	I

Course outcomes:

- CO1** : Students recognize the basic concepts in Physical geography.
- CO2** : Students are realized the utility and application of Physical geography in different regions and environment
- CO3** : Acquaint with Earth system (Lithosphere, Atmosphere, Biosphere and Hydrosphere).
- CO4** : Students recognize the principles and applications of Hydrology and Oceanography to address water resource and environment related problems.

Class	Subject Code	Course Name	Semester
FYBA	12201	Human Geography	II

Course outcomes:

- CO1** : Students recognize the basic and latest concepts in Human Geography
- CO2** : Students are demonstrating applications of Human Geography in different regions of environment.
- CO3** : Acquaint with Settlement pattern and rural and urban settlement
- CO4** : Students are made aware about the Agriculture types and pattern..

COURSE OUTCOMES (CO): Class: SYBA (Geography)

Class	Subject Code	Course Name	Semester
SYBA	23205	Environmental Geography- I	III

Course outcomes:

- CO1** : Students are awareness about dynamic environment among the student.
- CO2** : Acquaint the students with fundamental concepts of environment geography for development in different areas.
- CO3** : The students should be able to integrate various factors of economic development and dynamic aspect of economic geography.
- CO4** : Students make aware about the problems of environment, their utilization and conservation in the view of sustainable development.

Class	Subject Code	Course Name	Semester
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SYBA	23202	Population Geography I	III
PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)			

Course outcomes:

- C01** : The history of population changes
- C02** : The different concepts in population geography.
- C03** : The types and nature of population data



PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

Class	Subject Code	Course Name	Semester
SYBA	23203	Scale and Map Projection	III

Course outcomes:

- CO1** : Learn the basic concepts in practical geography.
- CO2** : Able to develop and use of survey and mapping skills.
- CO3** : Aware of the new techniques, accuracy and map making skills.

Class	Subject Code	Course Name	Semester
SYBA	24205	Environmental Geography- II	IV

Course outcomes:

- CO1** : Awareness about dynamic environment among the students.
- CO2** : Acquaint students with the fundamental concepts of Environmental Geography.
- CO3** : Acquaint students about the past, presents and future utility and potentials of natural resources
- CO4** : Make aware students about the problems of environment, its utilization and conservation in the view of sustainable development

Class	Subject Code	Course Name	Semester
SYBA	24202	Population Geography-II	IV

Course outcomes:

- CO1** : The population policies in India and China.
- CO2** : The health indicators in India
- CO3** : The concept of urbanization in population geography
- CO4** : The different population theories

Class	Subject Code	Course Name	Semester
SYBA	24203	Cartographic Techniques, Surveying and Excursion / Village / Project Report	IV

Course outcomes:

- CO1** : Learn the basic concepts in practical geography
- CO2** : Able to develop and use of map scale and projections.
- CO3** : Aware of the new techniques, accuracy and map making skills.

COURSE OUTCOMES (CO): Class: TYBA (Geography)



**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

Class	Subject Code	Course Name	Semester
TYBA	35204	Geography of Disaster Management-I	V

Course outcomes:

- CO1** : Describe concepts of Disaster and its relations with Geography.
- CO2** : Explain terminology and concepts of Disaster Management.
- CO3** : Implement concepts of hazards in different areas and its Management.



PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

C04 : Explain standard operating procedure on government for disaster management

Class	Subject Code	Course Name	Semester
TYBA	35201	Geography of India-I	V

Course outcomes:

- C01** : Students are aware about the importance of geography of our Nation.
- C02** : Students aware of the magnitude of problems and Prospects at National level.
- C03** : The aware of the magnitude of problems and Prospects at National level.
- C04** : Understand the current trends in regional studied
- C05** ; Realize about diversity of our nation i.e. Religious, Languages, Tribes etc.
- C06** ; Acquaint the knowledge about different types of resources and their utility

Class	Subject Code	Course Name	Semester
TYBA	35203	Techniques of Spatial Analysis	V

Course outcomes:

- C01** : Students are gate knowledge about Interpretion and analysis of survey of India's Toposheet/ map
- C02** : Students are ready to identify different methods of Relief Representation
- C03** : Students are ready to apply Remote Sensing Techniques in Geography

Class	Subject Code	Course Name	Semester
TYBA	35206	Research Methodology - I	V

Course outcomes:

- C01** : Development in the understanding of the basic concept of research
- C02** : Development in the understanding of the basic framework of sampling and data collection
- C03** : Development in the understanding of various sampling methods and techniques

Class	Subject Code	Course Name	Semester
TYBA	36204	Geography of Disaster Management-II	VI

Course outcomes:

- C01** : Students understand the concepts of anthropogenic disaster, its types, causes and management.
- C02** : Improvement in the knowledge about the important global level disasters i.e, acid rain, ozone depletion and global warming.
- C03** : Demonstrate Disaster Management at local level.
- C04** : Students aware about protection from disaster and will be able to do disaster



PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

management.

Class	Subject Code	Course Name	Semester
TYBA	36201	Geography of India-II	VI

Course outcomes:

CO1 : Make the aware of the magnitude of problems and Prospects at National level.





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

- CO2** : Identify the inter relationship among the subject and the society..
CO3 : Understand the current trends in regional studied
CO4 : Realize about diversity of our nation i.e. Religious, Languages, Tribes etc.
CO5 ; Acquaint the knowledge about different types of resources and their utility

Class	Subject Code	Course Name	Semester
TYBA	36203	Techniques of Spatial Analysis, Surveying and Excursion /Village/ Project Report	VI

Course outcomes:

- CO1** : Acquaint the awareness about the open source software and techniques of visualization
CO2 : Improvement in the awareness about basic of Statistical data and the skill of data representation
CO3 : Students Acquaint the knowledge for Calculate Central Tendency, Variance and Standard Deviation, Correlation and Regression, and Testing of Hypothesis
CO4 : Capacity developed in the students to conduct Survey of socio-economic conditionsof a village/ field investigation and report writing.

Class	Subject Code	Course Name	Semester
TYBA	36206	Research Methodology - II	VI

Course outcomes:

- CO1** : Acquaint the understanding of the basic concept of research
CO2 : Acquaint the understanding of the basic framework of sampling and data collection
CO3 : Students understand the various sampling methods and techniques
CO4 : Students aware about various sources of information about data collection.
CO5 : Capacity developed in the student to conducting survey on various issues and developed the Report writing skill also .





PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) & COURSE OUTCOMES (CO)

*Department of
 History (General
 Level Course)*

COURSE OUTCOMES (CO)

COURSE OUTCOMES (CO): Class: FYBA (History)

Class	Subject Code	Subject Name	Semester
FYBA	11171	Early India: From Prehistory to the Age of the Mauryas	I

Course outcomes:

- CO1** : Student will develop the ability to analyze sources for Prehistoric India
- CO2** : Student will learn significance of prehistoric settlements and their relevance in contemporary India.
- CO3** : It will enhance their perception of Ancient India and India in context of ancient culture and religion.
- CO4** : Appreciate the skills of leadership and the administrative system of the rise of dynasties/kingdoms and their fall in Ancient India

Class	Subject Code	Course Name	Semester
FYBA	12171	Early India: Post Mauryan Age to the Rashtrakutas	II

Course outcomes:

- CO1** : Understood the historical process of rise, development and decline of great dynasties in ancient India.
- CO2** : Understood the historical process of transformation from ancient to medieval period.
- CO3** : Inclining the interest to understand the power politics of North India of pre-invasion of Mughal dynasties.
- CO4** : Appreciate the socio-economic and cultural transformation through the study of





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

ancient India



**PROGRAMME OUTCOMES (PO), PRORAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

COURSE OUTCOMES (CO): Class: SYBA (History)

Class	Subject Code	Course Name	Semester
SYBA	23174	History of the Marathas: (1630-1707)	III

Course outcomes:

- CO1** : Achieved developing state of the ability to analyze sources for Maratha History.
CO2 : Process of learning begins to interpreted significance of regional history and political foundation of the region.
CO3 : It will enhance their perception of 17th century Maharashtra and India in context of Maratha history.
CO4 : Appreciate the skills of leadership and the administrative system of the Marathas.

Class	Subject Code	Course Name	Semester
SYBA	24174	History of the Marathas: (1707-1818)	III

Course outcomes:

- CO1** : Enable to analyze the Marathas policy of expansionism and its consequences.
CO2 : Understand the role played by the Marathas in the 18th century India.
CO3 : Acquainted with the art of diplomacy in the Deccan region.
CO4 : It will help to enrich the knowledge of the administrative skills and profundity of diplomacy.

COURSE OUTCOMES (CO): Class: TYBA (History)

Class	Subject Code	Course Name	Semester
TYBA	35174	Indian National Movement (1885-1947)	V

Course outcomes:

- CO1** : Enabling to develop an overall understanding of Modern India.
CO2 : Increase the spirit of healthy Nationalism, Democratic Values and Secularism among the Students.
CO3 : Understand various aspects of the Indian Independence Movement and the creation of Modern India.

Class	Subject Code	Course Name	Semester
TYBA	36174	India after Independence- (1947-1991)	VI

Course outcomes:

- CO1** : Enabled to develop an overall understanding of the Contemporary India.
CO2 : Increase the spirit of healthy Nationalism, Democratic Values and Secularism



**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**

- among the students.
- C03** : Understand various aspects of India's domestic and foreign policies that shaped Post-Independence India.





**PROGRAMME OUTCOMES (PO), PROGRAMME SPECIFIC OUTCOMES (PSO) &
COURSE OUTCOMES (CO)**





Khadki Education Society's
Tikaram Jagannath
 Arts, Commerce & Science College



Department of History (General Level Course)

COURSE OUTCOMES (CO)

COURSE OUTCOMES (CO): Class: FYBA (History)

Class	Subject Code	Subject Name	Semester
FYBA	11171	Early India: From Prehistory to the Age of the Mauryas	I

Course outcomes:

- CO1** : Student will develop the ability to analyze sources for Prehistoric India
- CO2** : Student will learn significance of prehistoric settlements and their relevance in contemporary India.
- CO3** : It will enhance their perception of Ancient India and India in context of ancient culture and religion.
- CO4** : Appreciate the skills of leadership and the administrative system of the rise of dynasties/kingdoms and their fall in Ancient India

Class	Subject Code	Course Name	Semester
FYBA	12171	Early India: Post Mauryan Age to the Rashtrakutas	II

Course outcomes:

- CO1** : Understood the historical process of rise, development and decline of great dynasties in ancient India.
- CO2** : Understood the historical process of transformation from ancient to medieval period.
- CO3** : Inclining the interest to understand the power politics of North India of pre-invasion of Mughal dynasties.
- CO4** : Appreciate the socio-economic and cultural transformation through the study of ancient India

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- CO1** : Enabled to develop an overall understanding of the Contemporary India.
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CO3 : Understand various aspects of India's domestic and foreign policies that shaped Post-Independence India.



