

PROGRAM OUTCOMES

Students of all post graduate and undergraduate general degree programs at the time of graduation will be able to:

PO1: Critical Thinking: Make effective decisions (intellectual, organizational, and personal) with intellectual integrity to solve problems and/or achieve goals utilizing the knowledge and skills.

PO2: Effective Communication: Fully written and verbal communication connecting meaningful people, ideas, books, media and technology.

PO3: Social Interaction: Respect views of others, mediate disagreements and help reach conclusions in group setting.

PO4: Effective Citizenship: Demonstrate empathetic social concern around national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5: Ethics: Recognize different value systems including their own, understand the moral dimensions of their decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes

Program Specific Outcomes

Students enrolled for specific program at undergraduate degree at the time of graduation will be able to do or attain:

B.C.A

PSO1: Understand key concepts of Information Technology components: hardware, software, and data communication systems.

PSO2: Apply problem-solving skills and the knowledge of computer technology to solve real world problems.

PSO3: To understand computing principles and provide solutions to automation needs in industry, society and business.

PSO4: Ability to formulate, solve, and interpret problems by the use of mathematical and computational techniques.

Humanities Stream

B.A Political Science

PSO1: Understand the foundations of Indian government, including the structure of and relationships between the branches of government.

PSO2: Know how laws are made, policies are developed, programs implemented, and what influences and constraints are placed upon the process.

PSO3: Be able to describe and explain political theory and political systems around the world.

PSO4: Understand the fundamental concepts, issues, and theories central to comparative politics and international relations.

B.A Economics

PSO1: Understand the behaviour of Indian and World economy.

PSO2: Analyse macroeconomic policies including fiscal and monetary policies of India.

PSO3: Determine economic variables including inflation, unemployment, poverty, GDP, Balance of Payments using statistical methods.

PSO4: Understand the behaviour of financial and money markets and perform cost-benefit analysis for making investment decisions.

B.A Sociology

PSO1: Able to analyse critically major social practices, structures, and inequalities.

PSO2: Ability to discuss and differentiate major sociological theories, frameworks and traditions.

PSO3: Formulate, conduct and communicate social research.

PSO4: Able to connect sociological analysis to practical social action.

B.A History, Ancient History and Archaeology

PSO1: think critically and historically about the past, understand the breadth and diversity of human experience across time and space.

PSO2: develop a substantive knowledge of range and depth in their area(s) of interest whether regional and/or topical-thematic.

PSO3: understand how the practice of history can establish a valuable framework for considering ethical issues in the past and present.

B.A /B.Com/ BCA Kannada

PSO1: Attain greater understanding of the power of literary language and thought.

PSO2: Gain appreciation for the rich diversity of the literary traditions and the cultural contexts of literary production.

PSO3: Intellectually mature as readers, thinkers, researchers, and writers.

PSO4: Ability to engage in analysis and discussion, make sense of complex literary texts and write with acuity and critical self-awareness.

B.A/B.Com/ BCA English

PSO1: Attain greater understanding of the power of literary language and thought.

PSO2: Gain appreciation for the rich diversity of the literary traditions and the cultural contexts of literary production.

PSO3: Intellectually mature as readers, thinkers, researchers, and writers.

PSO4: Ability to engage in analysis and discussion, make sense of complex literary texts and write with acuity and critical self-awareness.

B.A/B.Com/ BCA Hindi

PSO1: Attain greater understanding of the power of literary language and thought.

PSO2: Gain appreciation for the rich diversity of the literary traditions and the cultural contexts of literary production.

PSO3: Intellectually mature as readers, thinkers, researchers, and writers.

PSO4: Ability to engage in analysis and discussion, make sense of complex literary texts and write with acuity and critical self-awareness.

Commerce stream

B.Com

PSO1: Have fundamental knowledge of Accountancy, Auditing, Taxation, Finance, and provide innovative solutions to problems in business.

PSO2: Acquire strong foundation level understanding of functioning of business organizations and various transactions in the fields of Accountancy, Auditing, Taxation and Finance.

PSO3: Be able to integrate latest technology and apply mathematical and statistical tools and techniques to collate and integrate systems of Accounts and Finance.

PSO4: Develop financial leadership qualities.

M.Com.

- This program could provide well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing companies, Logistics, distribution channel management, Application of Information technology in Business, Alternative investment management technique etc., to meet the well trained manpower requirements.
- The graduates will get hands on experience in various aspects acquiring skills for Marketing Manager, Sales Manager, Bank manager, Cost accountant, Academicians, Project management, Research Analysts, and Over all Administration abilities of the
- The students should possess the knowledge, skills and attitudes during the end of the M.com degree course. By virtue of the training and curriculum, they can become an Managers, Accountants , Cost Accountants, Bank Managers, Auditors, Company Secretaries, Teachers, Professors, Stock Agents, Government jobs etc.,

Course Outcome

B.Com

Course	Outcome
Financial Accounting I-II-III-IV-V-VI	To provide the basic knowledge about the accounting principles and procedures. To teach the basic concepts and to expose extensive knowledge in company accounts and partnership accounts.
Business Statistics and Mathematics I-II	Recognize the importance and value of mathematical and statistical thinking, training, and approach to problem solving, on a diverse variety of disciplines, be able to independently read mathematical and statistical literature of various types.
Principles of Management	On successful completion of this course, the students should have understood Principles & functions of Management, Process of decision making, Modern trends in management process.
Modern Banking	The purpose of this subject is to identify the traditional practices in the modern banking (MB) and examine the effects of these on employee response, customer reactions and customer loyalty, in the context of public sector banks and private sector banks in India. The study also investigates the effects on customers of employees' use of traditional banking practices in the MB
Marketing Management	Enable the student to understand the Principles of marketing

	Management, market segmentation product life cycle, pricing, branding etc
Human Resource Management I-II-III-IV	Contribute to the development, implementation and evaluation of employee recruitment, selection and retention plans and process.
Business Law	Demonstrate a basic understanding of a laws relating to contract information technology and intellectual property act and to apply basic knowledge acquired to business transactions in their career ahead.
Indian Corporate Law	To demonstrate a comprehensive and accurate knowledge of laws relating to formation, administration and operation of a company and understanding the company's act 2013 along with all its amendments.
Financial Management I-II	On completion of this subject, the students should have understood the functions of Finance, Cost of capital, capital budgeting, capital structure, working capital management.
Cost and Management Accounting I-II-III-IV	To make the students to understand – the basic concepts and elements of cost, cost techniques, cost control and cost reduction techniques indirect cost and to acquaint students with basics of management accounting.
Business Taxation(Direct and Indirect)	The objective is to familiarize the students with the legal provisions and procedural aspects of direct and indirect tax and this subject is to be taught with reference to the relevant amendments made to direct and indirect tax laws in India by the finance act.
OM&SP(Voc)	Outcome
Office Management and Communication	Get familiar with office assistant skills for complete office related tasks and encourage independent correspondence
Behavioural Management and Leadership	To gain knowledge about the behaviour of organization and people
Practicals	To improve presentation skills, communicative skills and language based skills. And they are able to operate Ms word, Ms excel, Ms power point, Page Maker, Tally and typing Tutor.
Human Resource Management	Contribute to the development, implementation and evaluation of employee recruitment, selection and retention plans and process. To understand the functions of HRM and enable the students to understand the recruitment process and to enrich the knowledge of students in training and development and the process of job analysis.
Project Work & Viva-	This gives practical exposure in the Project work, knowledge which enable the students to get practical knowledge various industrial sectors.

Innovative Banking	The study is to investigate the effects on customers of employees' use of traditional banking practices in the banking sector.
Office correspondence	To encourage independent correspondence and to be familiar with various types of business letters and draft resume, C.V.
Office systems and procedure	To familiarize with various office equipments and procedures
Motivation and group dynamics	To guide human behaviour, team behaviour and reaction and performance to reach the goal.
Entrepreneurship Development Programme I-II	To understand the concept of Entrepreneurship and knowledge of running a business. To make the students to prepare business plan.
Personal Tax Planning	Upto date knowledge about tax. And to familiarize the students with legal provisions and procedural aspects of income tax.

B.A Sociology

Principles of Sociology	To understand the basic concepts of sociology, the relation between sociology and other social sciences. To know the different branches and process of socialization and its importance.
Social institution and social change	To understand the basic social institutions and to study relevance of social institutions, the concept of social change and its dynamics, process and factors.
Indian Society: Rural and Urban	To provide sociological understanding of rural and urban society in India and to acquaint students with basic concepts in rural and urban studies. To analyze the rural and urban problems in India and to impart skill to reconstruct rural institutions, evaluate rural development. To understand the linkage between rural urban reality
Social problems in India	To understand the concepts in Sociology of social problems and to study the causes leading to social problems, to study the major problems in India. To understand the remedial measures to social pathology in India.
Method in Social Research	Understand the nature of social phenomena and the issues involved in social research. To study research methods as means of understanding social reality, exposure to the fundamentals of

	techniques and methods in social research. Students learn the methods of data collection analyse, report writing and acquaint with the quantitative and qualitative strategies of research
Indian Society: Welfare and Development	To understand basic concepts, to study the different welfare programmes, policies, process of social change and development through social welfare in India
Sociological Thought	To familiarize with social, political and intellectual contexts of the emergence of sociology, to gain an understanding of some of the classical contributions in sociology, theoretical foundations, develop critical thinking, analytical ability to interpret the social scenario.
Gender Dynamics	The students learn the concept of feminism, gender inequality, differences, justice and development of gender studies. The importance of the role of women in the family, education and economy.

B.A. Political Science

POLITICAL SCIENCE	OUTCOME
Induction to Political Science	<ul style="list-style-type: none"> *Analyzing the basic concepts of Political Science * Familiarize students with the divergent views on basic concepts. *Enable the students to develop a sensitive and broader vision of politics * Enhance the ability of student to relate themselves to the day to day political happening *Develop interest among students to understand regarding the study of political science
Comparative Government and politics	<ul style="list-style-type: none"> *enable the students to grasp the nature of

	<p>major political system on comparative basis</p> <p>*To introduce students to the operation of agencies of political system on a comparative basis</p>
Indian Political System	<p>*Acquaint the students with issues that influences the working of Indian Political System</p> <p>*Develop an ability among the student understand and assess the Indian Political system.</p> <p>*Help the students to an ability to reflect upon the political happenings around them.</p> <p>* Create awareness on the developments in Indian Politics.</p>
Political Thinkers and Ideologies	<p>*Help the student to delineate political theory from political thought.</p> <p>*militarize students with Western and Indian Political Thinkers.</p> <p>*Analyzing different contribution of western and Indian political Thinkers to political Science</p>
Public Administration	<p>*Enable the students to understand the major components of public administration.</p> <p>*Develop an ability to understand the operational pattern of public administration.</p> <p>* Compare and examine the changes introduced to make administration more accountable and responsible.</p> <p>*Develop a capacity among students to assess objectively the output of public institutions</p>
Theory and Practice of Managements	<p>*Make the students to understand the significance of management today.</p> <p>Introducing the students to basic of management and analyze its function.</p> <p>*Enable the students to develop management skills and techniques.</p> <p>*Helps the students to develop life skills to be independent.</p> <p>* Develop an ability to use the techniques to be a successful</p>

	leader.
Contemporary Issues in International relations	<p>*Analyzing the student's global trends and their implications on bilateral relations.</p> <p>* Make students understand the factors crucial for the conduct of international affairs.</p> <p>* develop an ability amongst students to reflect upon the major international issues.</p> <p>* Analyzing the student's global economic issues and development.</p> <p>Expose students to the major events that determined the nature of relationship between the nations.</p>
Indian constitution, Human Rights, Gender Equity, Environmental Studies.(B.A. ,B.Com,B.C.A)	<p>*Introducing the Indian constitution and role of the constituent assembly in making of Indian constitution.</p> <p>*Studying Fundamental rights, duties and Directive principles of state policy.</p> <p>*Awareness of human rights issues and concerns can enhance citizenship sensitivity and initiative.</p> <p>*The study of environment is intended to promote public awareness and citizenship initiatives with regard to our environment.</p>

Economics

Outcome of B.A and B.Com Courses

Subject	Outcome
Micro Economics	<ol style="list-style-type: none"> 1. Understood basic terms and concepts of Microeconomics 2. Understood different forms of market, cost and revenue
Macro Economics	<ol style="list-style-type: none"> 1. Understood various Macroeconomic Theories

	2. Knowledge of fluctuations in economic systems
Monetary Economics	<ol style="list-style-type: none"> 1. Learnt origin, evolution, functions and value of money 2. Knowledge on working of the banking sector 3. Understood the role of International Financial Institutions in Global Economy
International Economics & Public Finance	<ol style="list-style-type: none"> 1. Learnt important Theories of International Trade 2. Understood role of commercial policies in Trade 3. Knowledge of Forex Market Operations 4. Awareness on BoP
Economic Thought	<ol style="list-style-type: none"> 1. Perception of contributions of eminent thinkers who enriched the discipline 2. Learnt the comparative analysis of the theories of economics
Development Economics	<ol style="list-style-type: none"> 1. Understood the theories and strategies of economic development 2. Learnt decisive elements of economic development
Indian Economics	<ol style="list-style-type: none"> 1. Awareness on basic problems of Indian Economy 2. Knowledge of changing trends and their impact on Indian Economy
Environmental Economics	<ol style="list-style-type: none"> 1. Understood the fundamental concepts of environmental economics 2. Analysed Governments' policies pertaining to environmental issues

Subject	Outcome
Business Economics	<ol style="list-style-type: none"> 1. Understood basic terms and concepts of Business Economics 2. Analysed how economic agents make decisions and choices by using

	theoretical knowledge and practical approach
Money and Public Finance	<ol style="list-style-type: none"> 1. Learnt basic concepts of money and functioning of money 2. Awareness on Public Finance operations
International Trade & Finance - I	<ol style="list-style-type: none"> 1. Knowledge on theories of international trade 2. Understood role of commercial policies in Trade 3. Learnt on BoP Accounting system
International Trade & Finance - II	<ol style="list-style-type: none"> 1. Perception of terms and concepts pertaining to International Trade 2. Got an idea of Forex market mechanism 3. Knowledge of international banking system

Department of English/BA/B.Com/BCA

Part I- Grammar for Communication	Students gain knowledge of English grammar including parts of speech, sentence analysis, subject-verb agreement, punctuation, pronoun usage, sentence types, capitalization and transformation of sentences.
Part II- Grammar	The students gain knowledge in communicative skills, understand the methods of communication, learn to write essays, job application, advertisement, learn to write dialogues, improve their learning, speaking, reading and writing skills.

Department of English Literature

Later Romantic Period	<p>This course introduces you to the literature and culture of the Later Romantic period (1790-1830)</p> <p>Students can analyze a variety of genres, including novels, poetry, life writing and political writing.</p> <p>They are familiar with both central and more obscure texts from the Later Romantic period, and with an overview of some aspects of Later</p>
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	<p>Romantic-period literature and culture,</p> <p>They can interpret texts in relation to their historical and cultural contexts.</p>
Victorian Period	<p>This course introduces you to the literature and culture of the Victorian period.</p> <p>It helps the students to analyze the co-relation between science and religion.</p> <p>They can analyze literary works from a variety of genres.</p> <p>They know how to make use of relevant historical and cultural context when interpreting texts.</p>
Seventeenth Century	<p>This course teaches the students the relationship between literature and philosophy. They are exposed about Puritanism and politics.</p>
Shakespeare (Elizabethan Age)	<p>The students gain an insight into the age of Shakespeare.They understand the themes and techniques of Shakespearean plays and sonnets.They can analyze Shakespeare’s works critically.</p>
Twentieth Century literature	<p>The students understand the relationship between literary texts and social structures.</p> <p>They know key texts in English since the end of the twentieth century.</p> <p>They know how to read both formal and thematic aspects of texts in relationship to larger cultural and historical movements.</p>
American Literature	<p>To get better comprehension of literary, cultural, biographical, societal and historical</p>

	background of the greatest writings in American Literature.
Indian Writing in English	To learn the literary, societal, cultural, biographical and historical background of the greatest writings penned by Indian authors.

Department of Kannada

B.A/B.Com/B.C.A

Kannada	Obtaining more information about one's culture and tradition and encouraging creative writing. Developing communicative skill in Kannada and this subject background helps the students to write competitive examinations and securing employment .
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Department of Hindi

B.A/B.Com/B.C.A

Hindi	By learning Hindi, students can work anywhere in India, since it's our national language. In many other countries also Hindi is used as an official language. By learning poetry and grammar, they can become creative writers, poets or authors. Having good command over Hindi, one can present himself in better way.
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Department of Sanskrit

B.A/B.Com/B.C.A

Sanskrit	By learning Sanskrit one can develop the culture and traditions of India. Aiming at enriching human excellence, increasing the level of comprehension and exercising communal harmony.
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M.Com

Title of the Course	Subject Outcome
MANAGEMENT THEORY AND PRACTICE	Understand the conceptual & strategic Framework of Management.
BUSINESS ECONOMICS	Understand various business economics tools for solving business problems in the changing business environment.
BUSINESS STATISTICS	Acquire knowledge on quantitative analysis and to use statistical techniques for analysis of business data.
MANAGEMENT SCIENCE	Understand the Management Science techniques used for managerial decision making.
ADVANCED FINANCIAL ACCOUNTING	Understand and apply financial accounting tools and techniques for managerial decision making. Develop insights into financial analysis of business organizations.
PERSONALITY DEVELOPMENT	Enhance the personal and professional effectiveness by exposing them to the art and science of self-awareness and development.
ENTREPRENEURSHIP DEVELOPMENT	Provide an introduction to entrepreneurship and its development process, environment and current scenario. Aware of the importance of entrepreneurship opportunities available and challenges faced in the society.
STRATEGIC MARKETING MANAGEMENT	Inculcate Advance concept and issues of strategic marketing and enable them to be able to analyze the market environment and develop international marketing strategies for a business firm.
BUSINESS RESEARCH METHODS	Provides the knowledge and skill related to conduct of research related to business and familiarize with the technicalities of executing a research assignment.
INTERNATIONAL BUSINESS	To get global perspective on issues related to FDI, forex market and globalization.
ADVANCED COST ACCOUNTING	Provide in-depth knowledge of advanced approaches of Cost Accounting and enable them to apply costing methods and techniques so as to assist management in taking

	appropriate decisions
PERSONAL SAVINGS AND INVESTMENT MANAGEMENT	Provide the knowledge of various avenues of savings and investment for investors.
BUSINESS ETHICS AND CORPORATE SOCIAL RESPONSIBILITY	Acquire knowledge of ethical issues, social responsibility and corporate governance practices in corporate.
E-Commerce	Provide insights on E-Commerce Business and Understand the role of E-Commerce and M-Commerce business environment.
Advanced IFRS and Practice	Gain the recent developments in International Accounting Standards and various financial reporting practices at the global level.
CAPITAL MARKET OPERATIONS	Various concepts of Investment Management and to facilitate the various issues of capital market in India.
Retail Management	Provide an overview of the retail industry, concepts and processes and an opportunity to understand the areas of accountability for a Retail Industry.
Risk and Insurance Management	Understand the nature of various insurance policies and its dimensions and Importance of corporate risks and individual risks and mitigation strategies.
INTERNATIONAL FINANCIAL MANAGEMENT	To perceive information on various risks an enterprise is exposed to on account of international transactions
FINANCIAL DERIVATIVE MARKETS	Provide the knowledge of hedging investments.
PORTFOLIO MANAGEMENT	an insight of constructing and managing portfolio

**Course Outcome- History
Specific**

Course Name	Outcomes
BASHTC-101 India in the early Historical Period up to A.D.300	<p>Students will be able to:</p> <ol style="list-style-type: none"> 1. Know the evolution various “cultures,” of prehistoric and proto historic period. 2. Understand the growth and development of ancient, political, and religious institutions. 3. understand the impact of geography in shaping the ancient Indian history and culture
BASHTC-151 India in the Early Medieval Period (A.D. 300-1300)	<p>Students will able to :</p> <ol style="list-style-type: none"> 1. Understand the emergence of dynasties and their course of decline in the early medieval period. 2. know the different forms of art and architecture of medieval period.
BASHTC-201 Medieval India (A.D. 1206-1556)	<p>Students will be able to:</p> <ol style="list-style-type: none"> 1. understand the influence on Indian culture due to the infiltration of new thoughts, institutions and ideas in the medieval period 2. know the development of Indo- Islamic culture in India.
BASHTC-251 Early Modern India (A.D. 1605-1856)	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Understand the need of religious harmony in the multi- religious and multi-cultural state. 2. Know the advent of Europeans on India and its impact on Indian Culture and economy.
BASHTC-301 Colonial India (A.D. 1856-1885)	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. To understand the various forms of colonial domination on India. 2. Understand the genesis of Nationalism due to the colonial rule.
BASHTC-303 History of Europe (A.D. 1789-1990)	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Know the European culture, Society, Polity and Geography. 2. Understand the nature of revolutions and the growth of democratic ideas. 3. Know the cause, course and effects of world wars and the process of attainment of universal peace.
BASHTC-351 Making of the Indian Nation (A.D. 1885-1947)	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Know the course of Indian freedom

	<p>struggle. Understand the sacrifices of leaders and people and process of making India as a nation.</p> <p>2. Understand the values and ethics of Indian freedom struggle.</p>
BASHTC-355 History of Karnataka (A.D. 1565-1956)	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Understand the cultural heritage of Karnataka. 2. The growth of regional cultures, traditions, customs and belief patterns. 3. Understand the model state concept. 4. Know the growth of nationalism and the process of attainment of freedom.
<p>ANCIENT HISTORY AND ARCHAEOLOGY</p> <p>Course Outcome-Specific</p>	
BASARC-101 History and Culture of India- up to 700 A.D.	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Know the evolution various “cultures,” of prehistoric and proto historic period. 2. Understand the growth and development of ancient, political, and religious institutions. 3. understand the impact of geography in shaping the ancient Indian history and culture
BASARC-151 History and Culture of India 700-1545 A.D.	<p>Student will able to :</p> <ol style="list-style-type: none"> 1. Understand the emergence of dynasties and their course of decline in the early medieval period. 2. Know the different forms of art and architecture of medieval period. 3. Understand the influence on Indian culture due to the infiltration of new thoughts, institutions and ideas in the medieval period 4. Know the development of Indo- Islamic culture in India.

<p>BASARC-201 History and Culture of India, 1556-1858</p>	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Understand the need of religious harmony in the multi- religious and multi-cultural state. 2. Know the advent of Europeans on India and its impact on Indian Culture and Economy. 3. Understand the various forms of colonial domination on India.
<p>BASARC-251 Ancient History and Culture of India 1858- 1947 A.D.</p>	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Understand the genesis of Nationalism due to the colonial rule. 2. Know the course of Indian freedom struggle and will understand the sacrifices of leaders and people and process of making India as a nation. 3. Understand the values and ethics of Indian freedom struggle.
<p>BASARC-301 Archaeology: Theory, Methods and Practice</p>	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Understand the different scientific methods followed in the archaeological exploration and excavation. 2. Know the multi-disciplinary approaches of archaeology. 3. Understand the analysis of chronological methods and will come to know about the different techniques of absolute and relative dating methods
<p>BASARC-302 Archaeology in India</p>	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Understand the historical development of human culture and thereby able to appreciate the diversity in prehistoric, historic and modern cultures. 2. Know the importance of heritage and will understand the preservation and conservation techniques of cultural and historical heritage. 3. Understand the importance of museums and its role in the Public archaeology.
<p>BASARC-351 Indian Epigraphy</p>	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Know the origin and evolution of writing system in India 2. Understand the forms and structures of ancient Indian scripts and course of the

	<p>evolution of modern Indian scripts.</p> <p>3. Know the format and contents of prominent ancient Indian inscriptions.</p> <p>4. understand the techniques of estampage of inscriptions.</p>
BASARC-352 Indian Numismatics	<p>Student will able to:</p> <p>1. Understand the origin and antiquities of coins in India.</p> <p>2. Know the ancient Indian coin minting techniques</p> <p>3. Understand the features and contents of ancient Indian coins.</p>

I BCA	
Course Name	Outcomes
FIT	<p>Students will be able to:</p> <p>Describe motherboard, hard disk, internal storages and external storages</p>
Computer Organization and Architecture	<p>Students will able to :</p> <ol style="list-style-type: none"> 1. Describe basic organization of computer and the architecture of 8086 microprocessor. 2. Implement assembly language program for given task for 8086 microprocessor. 3. Demonstrate control unit operations and conceptualize instruction level parallelism. 4. Demonstrate and perform computer arithmetic operations on integer and real numbers. 5. Categorize memory organization and explain the function of each element of a memory hierarchy. 6. Identify and compare different methods for computer I/O

	mechanisms
Programming in C	<p>Students will be able to:</p> <p>describe about a program and how can be he create the program by using different methods involved in c programming</p>
<p>Database Management Systems</p>	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Explain the features of database management systems and Relational database. 2. Design conceptual models of a database using ER modeling for real life applications and also construct queries in Relational Algebra. 3. Create and populate a RDBMS for a real life application, with constraints and keys, using SQL. 4. Retrieve any type of information from a data base by formulating complex queries in SQL. 5. Analyze the existing design of a database schema and apply concepts of normalization to design an optimal database. 6. Build indexing mechanisms for efficient retrieval of information from a database.
<p>Computer Networks</p>	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Describe the functions of each layer in OSI and TCP/IP model. 2. Explain the functions of Application layer and Presentation layer paradigms and Protocols. 3. Describe the Session layer design issues and Transport layer services. 4. Classify the routing protocols and analyze how to assign the IP

	<p>addresses for the given network.</p> <ol style="list-style-type: none"> 5. Describe the functions of data link layer and explain the protocols. 6. Explain the types of transmission media with real time applications
OOP	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Understand the principles of object oriented programming 2. Be able to design object oriented programming solutions

II BCA	
Course Name	Outcomes
Basic mathematics	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Apply the Number Theory to different applications using theorem. 2. Apply probability and understand PDF. 3. Understand sampling theory and correlation. 4. Apply the graphs and trees concepts to different applications. 5. Understand group's theory. 6. Understand the Lattice theory.
Data Structures	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Students will be able to choose appropriate advanced data structure for given problem. 2. Students will be able to calculate complexity. 3. Students will be able to select appropriate design techniques to solve real world problems. 4. Students will able to apply the dynamic programming technique to solve the problems. 5. Students will be able to apply the greedy programming technique to solve the

	<p>problems.</p> <p>6. Students will be able to select a proper pattern matching algorithm for given problem.</p>
<p>Data Mining</p>	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Demonstrate an understanding of the importance of data mining and the principles of business intelligence 2. Organize and Prepare the data needed for data mining using pre preprocessing techniques 3. Perform exploratory analysis of the data to be used for mining. 4. Implement the appropriate data mining methods like classification, clustering or Frequent Pattern mining on large data sets. 5. Define and apply metrics to measure the performance of various data mining algorithms. 6. Apply BI to solve practical problems : Analyze the problem domain, use the data collected in enterprise apply the appropriate data mining technique, interpret and visualize the results and provide decision support.
<p>Operating Systems</p>	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Describe the important computer system resources and the role of operating system in their management policies and algorithms. 2. Understand the process management policies and scheduling of processes by CPU 3. Evaluate the requirement for process synchronization and coordination handled by operating system 4. Describe and analyze the memory management and its allocation policies. 5. Identify use and evaluate the storage management policies with respect to

	<p>different storage management\ technologies.</p> <p>6. Identify the need to create the special purpose operating system.</p>
Computer Graphics	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. To list the basic concepts used in computer graphics. 2. To implement various algorithms to scan, convert the basic geometrical primitives, transformations, Area filling, clipping. 3. To describe the importance of viewing and projections. 4. To define the fundamentals of animation, virtual reality and its related technologies. 5. To understand a typical graphics pipeline 6. To design an application with the principles of virtual reality
E-Commerce	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Define and differentiate various types of Ecommerce. 2. Describe Hardware and Software Technologies for Ecommerce. 3. Explain payment systems for E - commerce. 4. Describe the process of Selling and Marketing on web. 5. Define and Describe E-business and its Models. 6. Discuss various E-business Strategies.
Principles of TCP/IP	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Understand TCP/IP's origins, history and internal networking model 2. Explain the process by which TCP/IP standards and other document called Request for Comments(RFC), are created, debated and formalized 3. Understand TCP/IP protocols, sockets, ports, and data encapsulated 4. Understand IP addressing, anatomy and

	<p>structures, and IP classes A-E</p> <ol style="list-style-type: none"> 5. Explain the capabilities, message types, and request / reply architectures for basic TCP/IP services, including FTP, Telnet, SMTP and HTTP 6. Understand the limitations of IPv4 and how the creation of IPv6 can overcome them 7. Discuss new and enhanced IPv6 features such as auto configuration, security, quality of service and Mobile IP 8. Understand the impediments involved in transitioning to IPv4 to IPv6
<p>Visual Basic .NET Programming</p>	<p>Student will able to :</p> <ol style="list-style-type: none"> 1. Analyze program requirements 2. Design/develop programs with GUI interfaces 3. Code programs and develop interface using Visual Basic .Net 4. Perform tests, resolve defects and revise existing code
<p>CONA</p>	<p>Student will able to understand :</p> <ol style="list-style-type: none"> 1. To Understand Accuracy and precision with examples. 2. To locating roots of the equations using Graphical method, Bisection method and false Position method. 3. Understand one point iterative method to find True roots. 4. To Know the Open method like Newton Rapson's Method, Multiple Roots and Secant method. 5. To find unknowns using Gauss Elimination method, Gauss Jordan method and Gauss

	<p>Seidel method.</p> <p>6. Understand the concept of regression method like Linear Regression, Polynomial Regression and Multiple Regression method to fit curve into straight line.</p> <p>7. To find inverse matrix using LU Decomposition method</p> <p>8. To Learn Spline types like Linear, quadratic and cubical Spline.</p>
<p>Microprocessor</p>	<p>Students will be able to understand:</p> <ol style="list-style-type: none"> 1. Apply the fundamentals of assembly level programming of microprocessors. 2. Build a program on a microprocessor using arithmetic & logical instruction set of 8086. 3. Develop the assembly level programming using 8086 loop instruction set. 4. Write programs based on string and procedure for 8086 microprocessor. 5. Analyze abstract problems and apply a combination of hardware and software to address the problem 6. Make use of standard test and measurement equipment to evaluate digital interfaces.

III BCA

Course Name	Outcomes
Web development in .NET	Student will able to understand : <ol style="list-style-type: none">1. Analyze a web page and identify its elements and attributes.2. Create web pages using XHTML and Cascading Styles sheets.3. Build dynamic web pages using JavaScript (client side programming).4. Write non-trivial programs using C#.5. Build interactive web applications using ASP.NET and C#.6. Build web applications using PHP.7. Construct and manipulate web databases using ADO.NET.8. Create XML documents.9. Create XML Schema.10. Build and consume web services.

<p>Distributed Computing</p>	<p>Student will able to understand:</p> <ol style="list-style-type: none"> 1. understand, appreciate and apply parallel and distributed algorithms in problem solving; 2. learn advanced techniques and the application in practical systems; 3. evaluate the impact and performance of network topology on parallel / distributed algorithm formulation; and 4. gain hands-on experience with those programming techniques
<p>Java Programming</p>	<p>Student will able to understand:</p> <ol style="list-style-type: none"> 1. knowledge of the structure and model of the Java programming language, (knowledge) 2. use the Java programming language for various programming technologies (understanding) 3. develop software in the Java programming language, (application) 4. evaluate user requirements for software functionality required to decide whether the Java programming language can meet user requirements (analysis) 5. propose the use of certain technologies by implementing them in the Java programming language to solve the given problem (synthesis) 6. choose an engineering approach to solving problems, starting from the acquired knowledge of programming and knowledge of operating systems. (evaluation)
<p>Linux Operating System:</p>	<p>Student will able to:</p> <ol style="list-style-type: none"> 1. Mastery of the basic UNIX process structure and the UNIX file system. 2. Understand all the UNIX utilities, and implement shell scripting. 3. Mastery of simple UNIX filters

	<ol style="list-style-type: none"> 4. Familiarity of UNIX pipes and redirection, UNIX environment, traps, signals, filter parameters, filter options, UNIX contentions, and Regular Expressions. 5. Mastery of at least one Shell scripting language. 6. Understand the concepts of process, threads, and file structure. 7. Familiarity with Interprocess Communication using pipes, shared memory, semaphores and messages. 8. Design various client server applications using TCP or UDP protocols.
<p style="text-align: center;">Artificial Intelligence</p>	<p>Students will able to:</p> <ol style="list-style-type: none"> 1. Demonstrate knowledge of the building blocks of AI as presented in terms of intelligent agents. 2. Analyze and formalize the problem as a state space, graph, design heuristics and select amongst different search or game based techniques to solve them. 3. Develop intelligent algorithms for constraint satisfaction problems and also design intelligent systems for Game Playing 4. Attain the capability to represent various real life problem domains using logic based techniques and use this to perform inference or planning. 5. Formulate and solve problems with uncertain information using Bayesian approaches. 6. Apply concept Natural Language processing to problems leading to understanding of cognitive computing.

**Software
Engineering**

Students will able to:

1. Define various software application domains and remember different process model used in software development.
2. Explain needs for software specifications also they can classify different types of software requirements and their gathering techniques.
3. Convert the requirements model into the design model and demonstrate use of software and user interface design principles.
4. Distinguish among SCM and SQA and can classify different testing strategies and tactics and compare them.
5. Justify role of SDLC in Software Project Development and they can evaluate importance of Software Engineering in PLC.
6. Generate project schedule and can construct, design and develop network diagram for different type of Projects. They can also organize different activities of project as per Risk impact factor.