



# MILAGRES COLLEGE

Kallianpur – 576 114, Udupi District, Karnataka

Web: [www.milagrescollegekallianpur.edu.in](http://www.milagrescollegekallianpur.edu.in)

Email: [milagrescollege@gmail.com](mailto:milagrescollege@gmail.com)

Phone: 0820-2580235

87626 90235

Office of the Principal

## COURSE OUTCOME

### Bachelor of Arts (B.A)

#### HISTORY

The following are the learning outcomes that we would like to see each History student graduate with:

- History is not mere study of past deeds of kings and emperors. It now emphasizes on the economy and culture of the people in the past.
- The course that we teach four undergraduate students that it gives the students a more complete sense of the past histories.
- They would be able to know their glorious past and would be able to form a logical connection between the present and the past.
- Students will understand the institutional landscape of public history, including a familiarity with the governance structures and funding support for non-profits and the federal sector.
- The History Department Faculty has identified the specific objectives of its undergraduate curriculum.
- We are continuously and actively assessing Students shall be able to demonstrate thinking skills by analyzing, synthesizing, and evaluating historical information from multiple sources.
- Students will develop the ability to distinguish between fact and fiction while understanding that there is no one historical truth.
- Students will develop an informed familiarity with multiple cultures.
- Students will employ a full range of techniques and methods used to gain historical knowledge.
- Students will demonstrate their understanding of cause and effect along with their knowledge of the general chronology of human experience.
- Acquire knowledge of particular historical contexts Analyze historical sources Understand how historians interpret the past Develop an historian's skills, including reading, writing, speaking, and critical inquiry Students are introduced to geographic, regional, or national histories that emphasize broad processes, themes, and developments.

#### ECONOMICS

##### I B.A : SEMESTER-I Code No. BASECC 131: MICRO ECONOMIC ANALYSIS

Students will understand fundamental concepts of Microeconomics.

- Students will be able to analyze consumer behavior and consumer decisions
- Students will understand product and factor price determination in the market.
- Ability to identify alternative solutions to problems.

- Students learn to apply economic theories and concepts to real life situations.
- Students understand the economic behaviour of individuals, firms and markets, demand analysis, production theory and behaviour of costs
- Students will be able to understand the production and cost structure under different stages of production.
- To understand the pricing and output decisions under various market structure.

### **I B.A : SEMSTER-II Code: BASECC. 181: MACRO ECONOMIC ANALYSIS**

- Students will understand the overall structure of the economy in theoretical and contemporary perspectives.
- Ability to analyze the functional relationships between aggregates
- Provides theoretical foundation of some advanced issues and policies.
- Ability to apply the Principle of Macroeconomics in explaining the behaviour of Macroeconomic variables.
- Analyze the reasons for economic fluctuations in an economy.

### **II B. A : SEMESTER-III Code No. BASECC. 231: MONETARY ECONOMICS**

- Understand how the price level or value of money is determined.
- Ability to analyze the tool of Index number in measuring Price level
- Generate theoretical and applied understanding of monetary economics.
- Describe the process of credit creation of a commercial bank,
- Understand the balance sheet of a commercial bank.
- Ability to understand the functioning of Commercial banks and of central bank in a nation.
- Understands role the of monetary policy of a central Bank in maintaining economic stability.

### **II B.A :IV- SEMESTER Code No. BASECC. 281 INTERNATIONAL ECONOMICS**

- Provide theoretical and practical background to the students on the subject of international trade.
- Understand the reason for international trade and gains from it.
- Ability to analyze the policy measures by the government to restrict international trade.
- Understand about different aspect of Governmental activities and their rationality.
- Learn about the fundamental concepts of public economics, public expenditure, public revenue, and public debt with special reference of Indian economy
- Learn about the tax structure, policy and regulations.

### **III B.A :SEMESTER-V Code No.: BASECC 331: ECONOMIC THOUGHT**

- Helps to understand the historical developments in economic thoughts propounded by different schools.
- Able to make critical comparison of the contributions of the main schools of economics; the classical, the neo-classical ,the marginal etc
- Understand specific contributions of economists of different school.
- Learn the similarities and differences among different economy schools.
- Knowledge about the contributions of Indian economists to economics

### **III BA: SEMESTER- V (CBCS) Code No. BASECC 332 (A): DEVELOPMENT ECONOMICS**

- Understand the basic difference between Economic development and economic growth.

## **UNDERGRADUATE (UG)**

- Become creative, competent sensible and responsible citizens.
- Acquire the required analytical and Critical knowledge to face the real life situations.
- Acquire communicative, technical, soft skills and a matured personality for employability.
- Develop sensitivity towards the environmental and social issues of the contemporary world.
- Develop independent thinking capacity and decision making ability while facing challenges in the society.
- Ability to crack state, national and other competitive exams and hold various positions in centre, state and private concern.

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**Principal**  
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Milagres College, Kallianpur-576-914  
Coastal District, Karnataka

- Analyse the problems faced by UDCs in achieving economic development.
- Understand the role of capital, state, technology and entrepreneurs in economic development.
- Provides fundamental foundation of basic growth and development issues, approaches and models.
- The students enable to know theories of growth and development.
- The paper attempts to discuss the structure and change in variables. It helps understand the overall static and dynamic perspectives of the economy in a purely theoretical perspective.

### **III B.A: SEMESTER – V Code No. BASECC 333 (B) : STATISTICAL ECONOMICS (OPTIONAL)**

- Students will familiarize with basic statistical techniques.
- Ability to use various statistical techniques in calculating economic variables.
- Demonstrate the ability to collect, process, and interpret data, including statistical inference.
- be able to use critical thinking skills within the discipline of economics about economic matters.
- quantitative Reasoning Skills, Problem-Solving Skills, Specialized Knowledge and application of Skills
- Students will familiarize with basic statistical techniques.

### **III B.A, SEMESTER –VI INDIAN ECONOMICS Code No: BASECC 381 (Compulsory Paper)**

- Understand the nature, characteristics and Problems of Indian Economy.
- Understand various issues related to Indian Economy.
- provide basic knowledge on national income accountings, various issues involved in agricultural, industrial, financial, trade sectors, public institutions and finally human resources development.
- understand the changing trends in the Indian economy
- Understand various issues related to population in India

### **III B.A SEMESTER –VI: Code No. BASECC 384 (C): MATHEMATICAL ECONOMICS (Optional)**

- Acquire elementary knowledge of mathematical techniques in Economics
- Develop mathematical approach in analysis of economic problems.
- Learn about those mathematical techniques which are directly useful in economic analysis.
- Able to apply mathematical techniques are in economics.

### **IIIB.A: VI SEMESTER Environmental Economics(optional)**

- Understanding of the discipline of environmental economics
- Understand and evaluate the global scale of environmental problems.
- Understand ones roles, responsibilities in protecting environment.
- To manage solid wastes and methods of recycling
- Understand the linkage between Natural Environment and Human Economy and environmental Degradation and Economic Development.
- To become familiar with contemporary Environmental Problems.



## **OPTIONAL ENGLISH**

- Optional English is a study of literature.
- Literature deals with life's story, experience, or imagination of the writer. Reading literature develops the readers' critical and creative thinking skills.
- Under Optional English, students' study the major authors, works, genres, eras and literary movements of western and world traditions.
- It will help the students to develop a unique voice.
- They can express their views clearly in speaking and writing and become an articulate interpreter and contributor to the culture.
- Studying Optional English broadens their knowledge.
- They can develop their writing skills.
- They can gain ability to read, analyze, and interpret the complex text too.
- Students read various kinds of literary works and gather information on various cultures.
- It leads the students to understand them in a realistic way.

## **KANNADA**

- The importance of learning Kannada language is very high.
- To begin with, it is the official language of Karnataka state.
- Most of the students speak Kannada as their mother tongue.
- Accordingly, the students can acquire the knowledge through Kannada in a better way through reading in Kannada.
- We also teach the Old, Medieval and Modern Kannada versions to them in accordance with the syllabus of Mangalore University.
- As a result, the students are motivated to study Kannada language with due respect and all the seriousness.
- Kannada language also helps the students to understand the other languages in a better way.

## **ENGLISH**

### **General and communicative English**

English language is the most commonly spoken language in the world. It is the language of International businesses. English language plays an important role in everyone's life as it is spoken all around the globe. Mangalore University has prescribed various text books for BA, B.Com, BBA, BCA and B.Sc. Apart from the text books students need to learn Grammar and Communicative English.

Following are the course outcomes:

- Students will improve their reading and writing skills.
- Students will improve their speaking ability in English in terms of fluency and comprehensibility.
- Students will enlarge their vocabulary.

- Students can strengthen their ability to write academic papers, essays and present papers in seminar or workshops.
- Through fluent English students can face interviews without any difficulties.
- Fluency in English develops students' confidence level.

## HINDI

- The students, at the end of the course, develop an ability to read, write and communicate in Hindi with confidence.
- Students will gain knowledge about Hindi Literature and Hindi poets and writers. Students will develop the skill of writing personal, business and official letters.
- They learn Translation and its importance. Students will understand the meaning, concept, importance and various forms of Functional Hindi.
- They learn and develop the skill of preparing banners, invitations, pamphlets and advertisements.
- Students gain confidence for further studies or in professional spheres where Hindi is an indispensable tool of communication.

## Bachelor of Commerce (B.Com)

### Business Statistics and Mathematics:

- The course Business Statistics and Mathematics will introduce students to basic statistical methods with a focus on the application of these methods to the business world.
- The students will obtain the ability to interpret statistical analysis tools commonly used in the work place.
- They will also obtain the ability to solve financial problems involving simple and compound interest present and future value of money , trade discount and cash discount.

### Financial Accounting

- The paper on Accountancy prepares the students for a profession in the field of accounting.
- Knowledge of sophisticated financial accounting topics such as business combinations, governmental accounting, partnership accounting and other advanced financial accounting topics (e.g., accounting for: leases, deferred income taxes, pensions, investments, long-term liabilities and earnings per share).
- Knowledge of International Accounting Principles and the impact of global issues.
- Ability to evaluate financial results through examination of relevant data (i.e., income statement, balance sheet, cash flow statement and budgets).
- Ability to prepare a federal individual tax return.
- Ability to use current technology (e.g., spreadsheet programs, general ledger software, enterprise resource planning and reporting languages).
- Knowledge of auditing principles and techniques.
- Financial Accounting course outcome:
- Knowledge of the role of the accounting profession in society, experience in community service and participation in the accounting society.
- Ability to work as a team member recognizing benefits of collaborative behaviors in the accomplishment of group tasks.
- Ability to understand ethical dilemmas that occur in accounting.
- Effective communication skills including the ability to conceptualize complex issues into a coherent written statement and the ability to make effective formal and informal oral presentations.

### **Cost & Management Accounting:**

- The paper Cost & Management accounting will enable the students to identify, use and interpret the results of costing methods and techniques appropriate to different activities and decisions, formulate and use standards and budgets for planning and control purposes.

### **Business Taxation:**

- The papers on direct (income tax) and indirect taxation (GST and customs duty) prepare them for a career in the field of taxation.

### **Human Resource Management:**

- Contribute to the development, implementation, and evaluation of employee recruitment, selection, and retention plans and processes.
- Administer and contribute to the design and evaluation of the performance management program.

### **Business Economics**

- Provide students an insight to advanced concepts of business economics.
- Help students understand various business economics tools for solving business problems in the changing business environment.
- Enable students to integrate micro and macro economic analysis into business decision/ or decision making power.
- Business economics is the application of economic principles and methods to business decision making.
- Business economists play an important role in the firms.

### **Financial Management:**

- The course builds on the concepts and skills taught in Finance Theory II.
- Financial Management focuses on capital markets and corporate finance with course topics like risk and return, firm valuation and financing policy.
- Learning materials include class notes, readings, assignments and past exams.

### **Business Law:**

- The paper on Business Law, prepares the students to understand the legal environment of business and apply basic legal knowledge to business transactions.

### **Auditing:**

- Use auditing concepts and variables (e.g., client acceptance, risk assessment, materiality, understanding and testing of internal controls, analytical procedures, substantive audit testing, documentation of evidence, and completing an audit engagement) to make audit planning, testing, and evaluation decisions.



# BACHELOR OF SCIENCE (B Sc.)

## PHYSICS

- Students will demonstrate an understanding of different areas and its applications in basic physics like General mechanics I and II, thermal physics, properties of matter, relativity, astrophysics, waves and oscillations, optics, electricity and X ray crystallography, nuclear physics, atomic physics, condensed matter physics and electronics.
- Students will get ability to identify and apply appropriate physical principles and the methodologies to solve problems related to physics both academically and in real life.
- Students will understand the difference between theory and application through experiments carried out in physics laboratories.
- Students will handle optical, electronic and electrical instruments with equipment's like magnets, heat lamps, beakers, laser, lenses, tuning forks, microscopes, voltmeter, potentiometer, spectrosopes etc. to take measurements and compare the measured values with theoretical one to draw valid conclusions.
- Students will design electronic circuits to measure inputs and outputs of the experiment and analyze results.
- On the basis of different areas of interest in physics, students go for different fields such as research and development, teaching and government and public service.

## CHEMISTRY

- The students will understand the existence of matter in the universe as solids, liquids, and gases which are composed of molecules, atoms and sub atomic particles.
- Students will learn to estimate inorganic salt mixtures and organic compounds both qualitatively and quantitatively using the classical methods of analysis in practical classes.
- Students will grasp the mechanisms of different types of reactions both organic and inorganic and will try to predict the products of unknown reactions. Students will learn to understand of safe handling of chemicals, hazards of chemicals, environmental issues and day today life issues facing our society in health and medicine.
- Students will be able to plan orderly as they practice through scientific experiments, analyze the results or outcome and finally accurately record experiments.
- Students will learn to solve problems through critical thinking, reasoning and analysis and communicate the results to society through scientific work in oral, written or through other means of communication. Students will be able to explain why chemistry is an integral activity for addressing social, economic, and environmental problems.
- Students will explore to new areas of research in both chemistry and allied fields of science and technology (Medicine, Biology, Biochemistry, Polymer Science, Petroleum Industry, agriculture etc.)

## MATHEMATICS:

1. To improve the perspective of students on mathematics as per modern requirement
2. To develop a spirit of inquiry and scientific temper in the student
3. To initiate students to enjoy mathematics, pose and solve meaningful problems, to use abstraction to perceive relationships and structure and to understand the basic structure of mathematics
4. To make learning process student-friendly.
5. To foster experimental, problem-oriented and discovery learning of mathematics
6. To orient students towards relating mathematics applications
7. Exploit techno-savvy nature in the student to overcome math-phobia.
8. To improve retention of mathematical concepts in the student.
9. To provide scope for greater involvement of both the mind and the hand.



10. To help the student build interest and confidence in learning the subject.

## **BACHELOR OF COMPUTER APPLICATIONS (BCA)**

### **C Programming:**

- This course teaches the basics of programming.
- The course is the core programming language, and the students, by learning this course, can use it to develop some further applications.

### **Computer Organization and Architecture:**

- This course gives the internal architecture of the computer.
- The storage and transfer of data, its configurations is studied.
- The students learn about various flip-flops and gates used in the architecture of the computer.

### **Fundamentals of IT:**

- This is a course that gives the details of the various hardware.
- The hardware, storage and other internals within the computer are taught.
- The different input and output devices used by the computer will be known by the students.
- This gives them an idea of the system configuration and other hardware.

### **C++ Programming:**

- This course teaches object oriented programming.
- This is the successor of the C language. Students learn to create classes and objects, and use them in programming.
- They also get the knowledge of code reuse using the concepts of functions, classes and inheritance.

### **Database Management Systems:**

- The subject teaches the ways the data can be stored and used.
- The students learn the concept of storage of data in the tables, in a structured format.
- The course helps the students to use the backend with the applications.

### **Basics of Networking:**

- The different transmission media used for transmitting the data, in Local Area Networks, and Wide Area Networks are taught, along with the different types of networks.
- The hardware components used in the networks, as well as different data transmission rates are learnt.

### **Data Structures:**

- Data within the computer is stored in various ways like – linked lists, arrays, indexes, etc. This subject teaches the students on these concepts.

## **Microprocessors:**

- Before natural language was introduced in programming, the programs were written using commands, and microprocessor programming gives the knowledge of using the Assembly Level Programming.
- This was used in design of Microprocessor chips, and thus, students can get into a company that produces microprocessor chips.

## **Operating System:**

- It explains about how the system handles each process internally.
- It tells about how to load and save files and also gives a clear idea about memory management inside the system.
- This covers the working procedure of different operating systems like MS Windows, Linux etc.

## **Data Mining:**

- Students can have detailed information about how the data is stored in the system.

## **VB. Net:**

- This is an event-driven programming language and can be used to build offline applications.
- This is based on GUI concept and can be used to build simple as well as complex programs.

## **Computer Graphics:**

- This is used to generate images based on programming language like C and C++.
- It helps in developing static and dynamic images.

## **TCP/IP:**

- This subject is oriented on how data and information is passed in between the system in a network environment.
- Detailed idea about internet protocols and layers of operating system can be acquired.

## **E-Commerce:**

- The subject gives an idea of how trading is done online, and what are the different aspects required and used for the same.

## **ASP.Net:**

- An extended version of programming language based on .net framework.
- Active Server Pages can be created and online programs can be developed easily by using VB or C# languages.

## **Java Programming:**

- Full-fledged Object Oriented Programming language that allows in developing programs either online or offline.
- Easy to understand and modify.

### **Distributed Computing:**

- It focuses on remote method invocation and networking concepts.
- It also emphasize on data handling through Java.
- A clear idea about handling files in remote systems can be acquired.

### **Software Engineering:**

- It deals with different methods of developing software and testing software.
- It provides an elaborated view of how to handle software problems and maintenance of software.

### **Linux Environment:**

- The subject gives a glimpse of Unix as well as Linux operating systems.
- The working, architecture, as well as the commands used in the operating systems will be known by the students, helping them to work in Unix based environments.

### **LAMP Technology:**

- The subject gives information about Linux, Apache, MySQL and PHP.
- These in combination gives good opportunity for students to grab jobs in industries.

### **Project:**

- Using all the concepts studied during the entire programme of 3 years of BCA, the students develop applications – online as well as offline.
- The students can also develop mobile applications. This prepares them for the industry, to develop projects.



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## PROGRAMME SPECIFIC OUTCOMES

### BACHELOR OF ARTS (B .A)

- Acquire knowledge in the field of Social sciences like History, Economics, Sociology and literature which make them sensitive and sensible to social and economic issues.
- Ability in speaking, reading, writing and the structure of the English language and grammar.
- Students will be able to appreciate the literary and cultural diversity.
- Gain awareness about the of the social, economical, historical, geographical, ideological and philosophical tradition and thinking.
- Understand the issues related to environment and sustainable development.
- The emphasis on human values under B.A programme makes the students humane and responsible persons in the society
- It equips them to think critically about the issues of contemporary relevance and find solutions to them.
- Analyze and cope up with contemporary issues of the world
- Understand human behavior and act socially responsible and develop empathetic social concern and contribute towards nation rebuilding exercise.
- Can pursue post graduate programme of their choice based on the subjects they opted for in their U.G.
- Enable them to appear for various competitive examinations like KPSC, UPSC and other exams and build their career.

### BACHELOR OF COMMERCE (B.COM)

- The B.Com. graduates can pursue Post Graduate Studies like M.Com., MBA, MCA, ICWA, ISCI, etc.
- After their Post Graduation, they may do M.Phil or Ph.D. and take teaching as their career in higher education institutions like Degree colleges and Universities.
- Other Career Options: Chartered Accountancy, Banking Services, Insurance Sectors, Marketing, Company Secretary ship, Stock Exchange Services, Tax Consultancy, Management & Planning, Entrepreneurship, Law etc.
- They also eligible to study Certificate Courses of any discipline.
- They may appear for any competitive exams conducted by Union Public Service Commission (UPSC), Karnataka Public Service Commission (KPSC), Indian Railway Board, etc for entering into the government services.
- The paper on Accountancy prepares the students for a profession in the field of accounting. The papers on direct (income tax) and indirect taxation (GST and customs duty) prepare them for a career in the field of taxation.

## **BACHELOR OF SCIENCE (B.Sc)**

- Helps students to develop skills to pursue flexible career paths amidst future technological changes and succeed in their livelihood and profession.
- The practical exercises done in the laboratories impart the students the knowledge about various aspects
- Students can pursue Higher education (M.Sc.) in Physics, Chemistry , Mathematics and B.Ed.
- Can appear for various Competitive Exams conducted by KPSC and UPSC
- Equip themselves for facing a competitive exams related to Science
- Can find career opportunities in industries, hospitals, MNCs etc
- Provides the students a comprehensive understanding about the fundamentals of Physics, Chemistry and Mathematics covering all the principles and perspectives.
- Demonstrate analytical skills and solve industrial problems.
- Think critically and offer Logical Solutions.
- Acquire scientific temper leading to critical thinking and research motivation
- Attain the required skills to interpret the phenomena occurring in nature and surroundings and hence apply them to enhance our life style

## **BACHELOR OF COMPUTER APPLICATIONS (BCA)**

- The BCA course helps the students know technology, and build applications required by the IT industries.
- It gives the students knowledge of Hardware, Networks, Online Trading, and aspects like Virtual Reality, Artificial Intelligence and Software engineering will be known.
- The students will thus be able to get hold of the best jobs in the MNC's, offices and more.
- Will be able to identify the logic and develop software to solve real problems in workplace.
- Develop and design programmes for web applications and mobile applications.
- Equip with necessary knowledge to cater to the requisites of the Companies and makes employable.
- Can pursue higher studies in the fields of their interest or can choose to be an entrepreneur.