

Al-Ameen Arts Science & Commerce College

2.6.1 Learning Outcomes

DEPARTMENT OF HISTORY

Program Outcome

- To study various sources in the reconstruction of History.
- To understand the political, social, economic, and religious conditions of India through the ages.
- To learn the birth of heterodox religions their teachings and impact upon the society.
- To evaluate the rise and fall of empires/dynasties.
- To understand the cultural contributions of various rulers to the nation.
- To assess the advent of Europeans and the British Raj in India.
- To learn about the freedom struggle in India.
- To study the enlightenment age in Europe (Renaissance, Reformation, Geographical discoveries, and Industrial revolution)
- To analyze various international events such as French and Russian revolution, Italian and German Unification, First and Second World War.
- To study international organizations such League of Nations, UNO, and various specialized agencies.
- To study different political parties, their ideologies, and their governance.

Course Outcome

- Students will develop skills to evaluate the sources, methods and interpretation behind historical narratives.
- Students will be able to demonstrate broad knowledge of historical events and periods and their significance.
- It will help students to know their place of origin, relationship with others environment, economic crises, society and good/ bad administrators.
- It will enable them to know the truth about the past, therefore would bust several myths.
- Students will recognize and appreciate the diversity of human experiences and how they have evolved over time.
- It enables to examine various situations critically.
- The students will develop a sense of nationalism and imbibe the feeling of brotherhood.
- The students will learn to be secular and appreciate diversity.
- The students will learn to appreciate and acknowledge the cultural contributions of various dynasties.
- Through the study of history, the student will understand the contemporary economic and political problems of nations.
- The students would be well acquainted with past and derive solutions to future problems.
- Prepare them to appear for competitive examinations.

DEPARTMENT OF ECONOMICS

Program Outcome

- Knowledge of various economic concepts, economic theories and understand the application of Economics in the real world.
- The study of economics equips students with valuable knowledge to make everyday life decisions
- It enables people to understand people, businesses, markets, and governments, and therefore better respond to the threats and opportunities that emerge when things change.
- A better understanding of different economic systems in the world
- It enables the students to analyse and understand public economics with attention on regional and national matters.

Course Outcome

- Students will understand the concepts like demand and supply which interact in various market structures to determine the price and quantity of a good produced.
- To help the students to acquire knowledge of some of the important principles and theories of microeconomic
- It enables the students to understand concepts like Demand forecasting, cost analysis, production.
- Students get an insight of the operations of a business cycle.
- Understand how utility, preferences, and income influence demand.
- Apply with ease economic reasoning to individual and firm behavior.
- Use national income accounts to describe and analyze the macroeconomic issues in quantitative Terms.
- Understand the different views on the supply of money and demand for money In macroeconomics.
- To help students understand modern money market & capital market.
- To enable students to learn the various concepts in monetary and financial systems.
- Understand the characteristics of good tax, public expenditure and public debt.
- Students learn about the importance of Public Economics in the economic development.
- focus on understanding the key issues relating to the government spending, taxing debt and budget.
- Understand the tenets of generation of State Revenue, Taxes, Expenditure and Budget
- It enables the students to understand the concepts, principles & dynamics of corporate economy and Human Resources Management.
- Students will learn the place of agriculture in rural economy, its composition and diversification
- Understand the State policies on agriculture in terms of finance, warehousing, marketing and agriculture price policy
- To enable the student to have an overview of the Contemporary Indian Economy.
- To enable the students to understand the issues in agriculture, industry and services
- To familiarize the students about the vital aspects of Human Resources Management.

- Understanding the vital aspects of HRP.

DEPARTMENT OF SOCIOLOGY

Objectives:

- To develop a Sociological Imagination
- To inculcate critical thinking in assessing the social world
- To de- familiarize the familiar and challenge the obvious

Course Outcome:

- Think theoretically and examine the empirical data
- Skillfully participate in research groups and market research firms.
- Transfer skills as a teacher and facilitator of community
- Be a social entrepreneur, Rehabilitation counsellor, Family counsellor, Survey researcher, Human resource specialist, policy analyst, survey designer.
- Comprehend the uniqueness of Sociological imagination in the study of real social world
- Develop different perspectives to interpret the social reality.
- To make sense of the changes taking place in the social world.
- Sensitizes the students to the conflicting norms of seclusion and living by one's religious beliefs.
- Appreciate the contemporaneity of classical Sociological thought.
- Understand the myth and realities of village India constructed by western scholars
- Appreciate the role of traditional social institutions and how they have responded to forces of change.
- Make an informed analysis of various development programmes and challenges encountered.
- Analyze the nature and direction of change in Indian society, basically from traditional to modernity of social institutions
- Understand the indicators of change
- Able to appreciate how our social world is constructed
- Able to communicate effectively in written and oral formats
- Understand the role of socialization as a constructor of gender roles and status.
- Appreciate the role of defining oneself identity in terms of gender
- Identify the gender bias and discrimination present in everyday social structure
- Take informed decisions about addressing gender justice issues
- Recognize the necessity for focus on changing social values to realize the full potential of growth.

DEPARTMENT OF POLITICAL SCIENCE

Objectives

- To understand the importance of concepts in political science
- To familiarize the students with the basic ideas, thoughts and theories in political science.
- Educate students about political processes theories, and governments,
- To help them to understand and make distinction among political theory, political philosophy and political science,
- Prepare students for a variety of careers or graduate and professional degree programs in fields such as law, government, education, politics, policy and business,
- Offer students the analytical and research skills needed to understand,
- Explain politics and government and international relations.
- Develop the ability to research, analyze, and evaluate political data.
- Motivating students to appear for competitive examinations and prepare them for other careers.
- To help them to understand the importance of these in the national and global contexts.
- To equip them to critically relate the theoretical aspects of political science to the socio economic and political realities of our times.

Outcomes

- Understanding of the institution, processes constitutional background and policy outcomes of American government and the ability to compare American government to other countries around the world.
- Study and analyze political contexts from critical and constructive prospective,
- Knowledge of key theories and concepts, historical developments, organizations and modern issues in international relations.
- Understanding of government institutions and policies in a variety of countries.
- Ability to compare the effectiveness or impact of differing political arrangements,
- Knowledge of some of the philosophical underpinnings of modern politics and government and the legal principles by which political disputes are often settled.
- Ability to use the comparative case study method of analysis, quantitative forms of analysis and legal analysis in oral communication and in written research.
- To study the information and the ability to use information of political database
- Positivity in thinking and confidence are essential with study to achieve goals of life.
- Understanding about state legislatures, parliament and relate this functioning to the greater cause of nation building as are responsible citizens.
- Pursue higher education such as post graduate studies and research in political science and in the other interdisciplinary areas to provide qualitative insights to create a better world

DEPARTMENT OF ENGLISH

Aims and Objectives of Generic English:

The overall aims of the course are:

- to enable the learner to communicate effectively and appropriately in real life situation:
- to use English effectively for study purpose across the curriculum.
- to develop interest in and appreciation of Literature;
- to enable the students to address the issues of contemporary relevance, like religious harmony, interpersonal relationships and human values. And global issues ranging from environmental concerns to bolstering peace.
- to expose students to different cultural nuances.
- f.to sensitize to different prevailing aspects of society and to improve their literary sensibilities
- to develop critical thinking ability.
- to familiarise to world history and literature and to appreciate and discuss diverse modes of writing in relation to their socio historic and cultural context.
- to develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing;

Objectives:-

Reading Skills:-

- the ability to read English with understanding .
- understand the total content and underlying meaning in the context.
- follow sequence of ideas, facts etc;
- identify and understand phrase or sentence groups; draw inferences; predict outcomes;
- grasp meaning of words and sentences; acquire the ability to use a suitable dictionary;
- understand labels, simple notices and written instructions: consult sources of information such as timetables, catalogues and brochures, charts, graphs, advertisements, pictures etc;
- forms the habit of reading for pleasure and for information. develop correct reading habits, silently, extensively and intensively; (xiii) comprehend material other than the prescribed text.

Listening Skills:

- understand meaning of words, phrases and sentences in context, understand statements, questions, instructions, and commands;
- follow directions given orally;
- follow simple narratives and description, grasp the substance and central idea of what is heard; listen and understand radio broadcasts, T.V. Programmes.

Speaking Skills:

- pronounce English Correctly and intelligibly; use appropriate word stress, sentence stress and elementary intonation patterns; speak intelligibly while making statements, asking question, giving instructions and commands, reporting events.
- put ideas in proper sequence; narrate simple experiences and series of events to convey its essence and intention,
- describe accurately what he/she observes and experiences.
- converse in familiar social situations;

Writing Skills: The student is able to:

- master the Mechanics of writing; the use of correct punctuation marks and capital letters; spell words correctly; write neatly and legibly with reasonable speed;
- use appropriate vocabulary; use correct grammatical items; write coherently in more than one paragraph; write description of people, places and things and respond imaginatively to textual questions;
- write paragraphs, letters. (Personal and official) simple, narrative pieces, reports, notices, messages, diary entries etc; make notes and summarise;
- edit written material and expand notes.
- **Attitudinal Change:** Through the course, the student should be able to - imbibe ethical, moral, national and cultural values through various forms of literature.
- **Creative Expression** - During the course, the student should be enabled to write an original, dialogue, story one-act play, poems.

Learning out comes:

The students will;

- Understand the differences between spoken and written English
- Understand the factors that influence use of grammar and vocabulary in speech and writing
- Understand the different ways in which grammar has been described.
- will demonstrate the capacity to write and speak clearly, read perceptively, and think critically;
- will demonstrate understanding of how written and spoken language expresses diverse cultural experiences; and
- demonstrate the understanding of the functions and historical development of the English language
- will read diverse texts within their historical and cultural contexts, developing a critical understanding of how literature can both uphold and resist existing structures of power
- Will be familiar with representative literary and cultural texts within a significant number of historical, geographical, and cultural contexts.
- will evaluate genres of writing and write in appropriate genres and modes for a variety of purposes and audiences.
- Students will be able to identify, analyse, interpret and describe the critical ideas, values, and themes that appear in literary and cultural texts and understand the way these ideas, values, and themes inform and impact culture and society, both now and in the past.
- Students should be able to ethically gather, understand, evaluate and synthesize information from a variety of written and electronic sources
- Students should be proficient in oral communication and writing.

1. **Accuire the L.S.R.W skills**

- **Reading.** Students will interpret texts with attention to ambiguity, complexity, and aesthetic value. And increase their reading speed and be able to give presentations
- **Writing Process.** Acquire the skills of creativity to express one's experiences. Develop their ability as critical writers.

Will be able to write analytically in a variety of formats, including essays, research papers, reflective writing, and critical reviews of secondary sources

- Students will practice a deliberate writing process with emphasis on inquiry, audience, research, and revision.
- **Oral Communication.** Students will participate in critical conversations and prepare, organize, and will be able to give presentations.

DEPARTMENT OF URDU

OBJECTIVES OF LEARNING URDU:

- Helps one to understand the rich heritage of the language.
- Along with having the knowledge about the poets of India and their contribution towards the language.
- To enhance students' vocabulary, good vocabulary helps in developing interest in literature
- To enable students, develop speaking skills which helps students to communicate effectively.
- While teaching Urdu students can be motivated by creating awareness about the importance of Urdu language.
- Teaching students' proper grammatical structure, this will provide them good writing skills.
- To be able to speak Urdu fluently.
- To be able to read more books with good understanding.

OUTCOME:

Learning the language Urdu will help students in developing various skills as writing with good language and vocabulary, reading skills, makes them good communicators. Students will be inspired through the fiction and poetry that opens their mind and allows one to have vivid imagination and think creatively. Enables the students to analyse the element of language. Helps students identify their strengths and weaknesses develop in those areas. Most of all, we should realize the delicacy of learning the language and should put in much endeavour to master it for a better tomorrow.

DEPARTMENT OF CHEMISTRY

At the end of the course the student should be able to:

1. Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.
2. Understand the nature of bonding in organic compounds
3. Learn methods of syntheses of alkanes, alkenes and alkynes along with their Reactions.
4. Develop analytical skills of determination of analyte through titrimetric and gravimetric experiments
5. Develop the ability to set-up apparatus, using the apparatus to collect data and analyze the data to determine the desired parameter or quantity.
6. To impart skills of preparation of reagents/solutions from source materials
7. Quantum numbers and their necessity in explaining the atomic structure
8. Shapes of different atomic orbitals
9. Historical development of periodic table.
10. Periodic properties viz. atomic radii, ionization energy, electronegativity etc.
11. To introduce the basic concepts of organic chemistry.

On completion of the course the student will learn and be able to explain:

1. The concepts of chemical analysis, accuracy, precision and statistical data treatment
2. Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.
3. Quantum numbers and their necessity in explaining the atomic structure
4. Shapes of different atomic orbitals
5. Historical development of periodic table
6. Understand the preparation of alkanes, alkenes and alkynes, their reactions, etc.
7. Able to draw the energy profile diagrams

To familiarize the student about filtration, drying, incineration and ignition of the precipitates

8. The students will be able to determine the analyte through volumetric and gravimetric analysis and understand the chemistry involved in each method of analysis.
8. The students will be able to deduce the conversion factor based on stoichiometry and in turn use this value for calculation
9. To get training on how to plan and execute single step synthesis of small organic molecules.
10. To learn and to get trained on how to how to purify a compound and to learn the crystallization techniques.
11. To learn how to calculate percentage yield and to record physical constant
12. To understand the mechanism involved in the transformation

Course specific outcome:

- Students gain the basic knowledge as how to select a solvent for crystallization of organic compounds and get trained as how to purify a compound.
- Students would understand the mechanism behind the reaction and role of catalysts in enhancing reaction rate and yield.
- Students also learn how to manage by products and disposal of waste.
- The students would be exposed to the safety measures to be taken to conduct reactions in the laboratory.
- Students also learn how to manage by products and disposal of waste.

BSc Semester I.
OPEN ELECTIVE-1

Title of the Course: OE-1: CHEMISTRY IN DAILY LIFE

Course outcomes:

At the end of this course, student should be able to:

1. Describe the analysis of important constituents in food items such as fat content in dairy products, caffeine in coffee/tea, methanol in alcoholic beverages, etc.
2. Give details of possible food additives, preservatives, colorants and adulterants commonly used in processed food.
3. Explain the nutritional aspects of macro and micronutrients, namely oils/fats and vitamins respectively.
4. Explain the chemistry of daily used products like soaps/detergents, batteries/fuel cells and polymers.

Course Objective: The objective of this paper is to equip the non-chemistry students with knowledge about chemistry of some of the products which are commonly used in daily life.

Course specific outcome: After studying this paper the student would be able to:

1. Describe the composition of the milk and dairy products.
2. Detect/determine the amount of caffeine, chicory in coffee and chloral hydrate in toddy.
3. Explain the preservatives used in food products and their effects and possible adulterants.
4. Acquire detailed information about the colorants used in food products.
5. Differentiate various vitamins, their sources and deficiencies.
6. Examine purity of the oils.
7. Explain how electrical energy is stored in batteries.
8. Classify commonly used polymers in our daily lives.

B.Sc. / B.Sc. (Honors) Chemistry Semester II

Course Outcomes (COs):

At the end of the course the student should be able to:

1. Explain the principles and concepts related to titrimetric analysis with reference to acid-base, precipitation and complexometric titrations.
2. Handling of toxic chemicals, concentrated acids and organic solvents and practice safety procedures.
3. Write the mechanisms of S_N1 and S_N2 reactions taking suitable examples.
4. Illustrate types of aromatic electrophilic and aromatic nucleophilic substitution reactions with examples.
5. Give a comprehensive description of the gaseous state in terms of molecular velocity, their distribution based on Maxwell-Boltzmann law, types of molecular velocities, molecular collision parameters, critical phenomena and liquefaction of gases.
6. Explain important properties of liquid state such as viscosity, surface tension, refraction and parachor by defining them and elaborating on their experimental determination.
7. Learn methods of determining molecular weights of solutes by measuring colligative properties and the concept of distribution law along with its applications.

8. Describe the crystalline state in detail using the terms unit cell, Bravais lattices, Miller indices, Crystal systems, symmetry elements and lattice planes.

BSc Semester II – B.Sc. / B.Sc. (Honors) Chemistry

Title of the Course: DSC – 2:

Course Objectives:

- The concept of volumetric and gravimetric analysis and deducing the conversion factor for determination.
- Handling of toxic chemicals, concentrated acids and organic solvents and practice safety procedures.
- To make him familiarize with various states of matter.
- To learn the calculation of lattice parameters.
- To learn various theories of physical chemistry.
- To understand how liquid state and its physical properties are related to temperature and pressure variation.
- To develop the concept of solids, lattice parameters – its calculation, application of symmetry and solid characteristics of simple salts.
- Understand the mechanism of nucleophilic, electrophilic reactions.
- To understand the concept of aromaticity and Huckel rule.
- To familiarize the student with nucleophilic and electrophilic substitution reactions in aliphatic and aromatic compounds.

Course specific outcome:

On completion of the course the students will learn and able to explain

13. The concept of volumetric and gravimetric analysis and deducing the conversion factor for determination.
14. Handling of toxic chemicals, concentrated acids and organic solvents and practice safety procedures.
15. The concepts of organic reactions and techniques of writing the movement of electrons, bond breaking, bond forming.
 - Various theories of gases and their significance.
 - The concept of surface tension, viscosity, refraction and its significance.
 - Different types of liquid crystals and their applications.
 - The concept of unit cell, symmetry elements, Nernst distribution law.

Practicals-II

Course Outcome

At the end of this course, student should be able to:

1. Estimate components in a mixture, nitrite in a water sample and hardness of water by volumetry.
2. Estimate presence of nickel, barium and copper in solutions by gravimetry.
3. Measure physical properties of a liquid such as density, viscosity, surface tension and refraction using specific instruments.

4. Study the distribution phenomena of different systems and evaluate the Corresponding distribution coefficient

PART-A Inorganic Chemistry

Course Objectives:

- To strengthen the concepts of mole and stoichiometry.
- To develop analytical skills of determination through titrimetry and Gravimetry.

Course specific outcome:

The student will learn

- To prepare standard solutions.
- Techniques like precipitation, filtration, drying and ignition.
- Various titrimetric techniques and gravimetric methods.
- Calculation on basis of mole concept and stoichiometry.

PART - B Physical Chemistry

Course Objectives:

- To learn various techniques for the measurement of viscosity, surface tension and refractive index
- To study the effect of concentration on viscosity and surface tension
- To determine the composition of a liquid mixture by Refractometry
- To calibrate and operate Abbe's Refractometer
- To understand the concept of distribution coefficient and Nernst Distribution law

Course specific outcome:

The student will be able to

- Determine the density of liquids
- Understand how viscosity and surface tension of liquids vary with concentrations
- Determine the percentage composition of liquid mixtures using Abbe's Refractometer.
- Explain the concept of distribution coefficient, and dissociation in a layer.
- Describe the conditions required for liquefaction of gases
- Understand cooling effect of gas on adiabatic expansion
- Explain properties of liquids in terms of intermolecular attraction

BSc Semester II – OPEN ELECTIVE - 2

Course Outcomes:

- At the end of this course, student should be able to:
- Describe the biomolecules, namely carbohydrates, amino acids, lipids and nucleic acids on the basis of their classification and structure.
- Explain enzyme action, factors influencing enzyme action, co-enzymes and enzyme specificity.

- Depict the action of drugs in biological systems based on Receptor theory, SAR studies and binding action of various groups.
- Study the energy dynamics of biological systems in terms of calorific values of macronutrients, their metabolic pathways and ATP as energy currency.

Course Objective:

- To make the non-chemistry students aware of various biochemicals/biomolecules involved in various biological processes.

Course specific outcome:

- After studying this paper, the student would be able to:
- 1. Acquire knowledge about different types of sugars and their chemical structures
- 2. Identify different types of amino acids and determine the structure of peptides.
- 3. Explain the actions of enzymes in our body and interpret enzyme inhibition
- 4. Predict action of drugs.
- 5. Depict the importance of lipids in the metabolism
- 6. Differentiate RNA and DNA and their replication.
- 7. Explain production of energy in our body.

DEPARTMENT OF BOTANY

Program Outcome

1. To provide an environment that ensures the cognitive development of students in a holistic manner. A dialogue about plants and their significance is fostered in this framework, rather than didactic monologues on mere theoretical aspects.
2. To provide the latest subject matter, both theoretical as well as practical, such a way to foster their core competency and discovery learning. A botany graduate as envisioned in this framework would be sufficiently competent in the field to undertake further discipline – specific studies, as well as to begin domain – related employment.
3. To mould a responsible citizen who is aware of the most basic domain – independent Knowledge, including critical thinking and communication.
4. To enable the graduate to prepare for national as well as international competitive examinations, especially UGC – CSIR NET, and UPSC civil service examination.

Course outcome

The students graduating with the degree BSc three years and BSc [Honors] botany should be able to acquire.

CORE COMPETENCY:- Students will acquire core competency in the subject botany, and allied subject areas.

- 1) The students will be able to identify major groups of plants and compare the characteristics of lower [eg: algae and fungi] and higher [angiosperms and gymnosperms] plants.
- 2) Students will be able to use the evidence – based comparative botany approach to explain the evolution of organisms and understand the genetic diversity on the earth. The students will be able to explain various plant process and functions, metabolism, concepts of gene, genome and how organism's function is influenced at the cell, tissue and organ level.
- 3) Students will be able to understand the adaptation, development, and behaviour of different forms of life.
- 4) The understanding of networked life on earth and tracing the energy pyramids through nutrient flow is expected from the students.
- 5) Students will be able to demonstrate the experimental techniques and methods of their area of specialization in botany.

ANALYTICAL ABILITY:- The students will be able to demonstrate the knowledge in understanding research and addressing practical problems.

Applications of various scientific methods to address different questions by formulating the hypothesis, data – connection, and critically analyse the data to decipher the degree to which their scientific work supports their hypothesis.

CRITICAL THINKING AND PROBLEM – SOLVING ABILITY:-

An increased understanding of fundamental concepts and their applications of scientific principles is expected at the end of this course students will become critical thinkers and acquire problem – solving capabilities.

DIGITALLY EQUIPPED:-

Students will acquire digital skills and integrate the fundamental concepts with modern tools.

ETHICAL AND PSYCHOLOGICAL STRENGTHENING:-

Students will also strengthen their ethical and moral values and shall be able to deal with psychological weakness.

TEAM PLAYER:-

Students will learn team workmanship in order to serve efficiently institutions, industry and society.

INDEPENDENT LEARNER: -

Apart from the subject – specific skills, generic skills, especially in botany, the Program outcome would lead to gain knowledge and skills for further higher studies, Competitive examinations, and employment. Learning outcomes – based curriculum

Would ensure equal academic standards across the country and a broader picture of their competencies. The bachelor's program in botany and botany honors may be mono – disciplinary or multidisciplinary with following broad objectives.

- 6) Critically evaluation of ideas and arguments by collecting relevant information about the plants, to recognise the position of the plant in the broad classification and phylogenetic level.
- 7) Identify problems and independently propose solution using creative approaches acquired through interdisciplinary experiences, and a depth and breadth of knowledge / expertise in the field of plant identification.
- 8) Accurately interpretation of collected information and use taxonomical information to evaluate and formulate a position of the plant in taxonomy.
- 9) Students will be able to apply the scientific method to questions in botany by formulating testable hypothesis, collecting data that address these hypotheses and analysing those data to assess the degree to which their scientific work supports their hypothesis.
- 10) Students will be able to access the primary literature, identify relevant works for a particular topic, and evaluate the scientific content of these work.
- 11) Students will be able to present scientific hypothesis and data both orally and in Writing in the formats that are used by practicing scientists.
- 12) Students will be able to apply fundamental mathematical tools [statistics, calculus] and physical principal [physics, chemistry] to the analysis of the relevant biological situations.
- 13) Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify theme within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae and fungi that differentiate them from each other forms of life.
- 14) Students will be able to use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth. They will be able to use specific examples to explicate how descent with modification has shaped plant morphology, physiology, and life history.
- 15) Students will be able to explain the ecological interconnectedness of line on earth by tracing energy and nutrient flow through the environment. They will be able to relate the physical feature of the environment to the structure of populations, communities and ecosystem.
- 16) Students will be able to demonstrate proficiency in the experimental techniques and methods of analysis appropriate for their area of specialization within biology.

DEPARTMENT OF ZOOLOGY

I Sem BSc

Objectives: To know about Cytology, Genetics and Infectious diseases.

Outcomes: It enables the students to know about the structure and functions of cell organelles, Chromatin structure and its isolation, cell division to produce new organism and how cell communicates with other cells. And they also learn the laws of Heredity, Mendel's laws, how environment play important role in interaction of genetic factors, to detect chromosomal aberrations in humans and type of infectious diseases and its preventive measures.

III Sem BSc

Objectives: To know about Chordates, its classification and Economic Zoology.

Outcomes: The students will know about the diversity in chordates and learn about how to identify the different animals belonging to different classes and orders from their morphology, anatomy and how their skeletal system is made of and their course of evolution. It also makes the students to know how the knowledge of zoology helps them to extract economic benefits from animals. It gives them the idea to start their own business in small scales like Poultry, Pisciculture and Dairy farming.

V Sem BSc: Paper – 5

Objective: Environmental Biology, Toxicology and Ethology

Outcome: The study of environment and the various issues related to it such as the concept of habitat, niche, Abiotic factors, pollution, population, conservation of wildlife etc. Environmental problems are making people sit up and think.

The other part is about the behaviour biology that has always occupied the interest of people for centuries. It involves observation and analysis of any particular behaviour – normal or otherwise.

V Sem BSc: Paper – 6

Objectives: Genetics and Biotechnology

Outcome: Genetics deals with the study of the process of inheritance. Students learn about heredity, genotype, phenotype and the influence of the environment on the organism. They also learn about eugenics, laws of genetics to improve human race.

Biotechnology – students learn to understand the basic unit of the organism. To differentiate the organisms by its cell structure, identification of different goals like

- i. Transmission of knowledge from academia to the industry and its application for industrial purposes.
- ii. To impart basic knowledge and skills of various aspects of biotechnology.
- iii. Practical and conceptual skills in molecular cell biology

DEPARTMENT OF MICROBIOLOGY

I Sem BSc

Objectives: To know about **Basic Microbiology**.

Course Outcomes: At the end of the course the students will be able to:

1. Thorough knowledge and understanding of **concepts of Microbiology**.
2. Learning and practicing professional skills in **handling microbes**.
3. Thorough knowledge and application of **good laboratory and good manufacturing practices in microbial quality control**.

III Sem BSc

Objectives: To know about Microbial Physiology & Microbial Genetics.

Course Outcomes: At the end of the course the students will be able to:

1. Thorough knowledge and understanding of concepts in **Microbial Physiology & Genetics**.
2. Learning and practicing **professional skills in Biochemical Tests, Microbial Growth & genetics**.
3. Microbial physiology has traditionally played a very important role in both fundamental research and in industrial applications of microorganisms. The classical approach in microbial physiology has been **to analyze the role of individual components (genes or proteins) in the overall microbial cell function**.

V Sem BSc: Paper – 5

Objective: To know about Agricultural & Environmental Microbiology.

Course Outcomes: At the end of the course the students will be able to:

1. Thorough knowledge of concepts & implementation of microbes in agriculture like fertility of soil, plant diseases and control, microbial interactions and microbial processes in agriculture.
2. Thorough knowledge of concepts & implementation of microbes in environment like air water and soil. This includes the spread of viruses and bacteria, fungi, algae and parasitical organisms - their effects on the landscape and how they are affected by it.
3. Learning and practicing professional skills in testing air, water & soil samples for microbes and their interactions.

V Sem BSc: Paper – 6

Objectives: Food and Dairy Microbiology

Course Outcomes: At the end of the course the students will be able to:

1. Thorough knowledge and understanding of concepts in Food & Dairy Microbiology.
2. Important microorganisms associated with food & dairy.
3. Techniques for enumeration of microbes and methods (traditional to advanced) for preserving food, milk & milk products.
4. Role of different microorganisms in food spoilage, food fermentation and food-borne diseases.
5. Microbiological quality control and food-borne illnesses investigation procedures for ensuring food safety & hygiene.

DEPARTMENT OF PHYSICS

ATTRIBUTES IN PHYSICS

Critical thinking and problem-solving techniques applying physics concepts and laws in solving problems and through laboratory practical sessions.

PROGRAM OUTCOMES GENERAL:

1. Create interest in Physics by understanding physical concepts, principles and theories used in physics
2. Apply the laws, principles and concepts acquired in the classroom in practical laboratory by the designing and performing experiments
3. Exposing the student to a wide range of applications in physics spanning in the nuclear dimension of 10-15 m to 10²⁶ m in space and in astronomical dimension of lightyears.
5. Calculation of energy values in macro dimension namely, joules to atomic energy levels of electron volts (eV)
6. Exposing the importance of Physics in the fabrication and applications of the same through nanotechnology and nonconventional energy resources and green energy
7. Exposing the student in the field of atmospheric science and climate science
8. Emphasizing the importance of Physics as the most important branch of science in higher education in the field of research

PROGRAM OUTCOMES SPECIFIC - SEMESTERWISE:

SEM 1: MECHANICS – 1, HEAT AND THERMODYNAMICS - 1

- Study of Newton's laws of motion in resistive medium with drag force and concept of terminal velocity. Friction
- Understanding Planetary and satellite motion
- Black body radiation and spectral distribution
- Kinetic theory of gases- studying basic assumptions and Maxwell's law
- Thermodynamics relevance and studying Entropy and disorder

SEM 2: MECHANICS – 2, HEAT AND THERMODYNAMICS - 2

- Study of Oscillations both damped and undamped
- Elasticity behavior of matter in relevance with Hooke's law and hence study of cantilever, torsional oscillations
- Understanding thermodynamic potentials and First order phase transitions, low temperature physics and the methods of liquefaction of gases
- Special theory of relativity and understanding the concept of length contraction, time dilation and twin paradox
- Understanding the rotational motion of rigid bodies

SEM 3: ELECTRICITY AND MAGNETISM

- Understanding the DC Circuit analysis and relevant theorems along with AC
- Studying the growth and decay of charge in series RC, LR and LCR circuits
- Understanding Magnetic field and forces
- Studying the scalar and vector fields and electromagnetic waves
- Understanding thermoelectricity with thermoelectric diagrams and its uses

SEM 4: OPTICS AND FOURIER SERIES

- Understanding Wave optics, interference, diffraction and polarization
- Studying the production, properties and working of Lasers
- Understand optical fibres and their classification
- Understanding Fourier series

SEM 5: STATISTICAL PHYSICS, ATMOSPHERIC PHYSICS, QUANTUM MECHANICS AND NANOMATERIALS

- Understanding the basics of statistical mechanics, Maxwell –Boltzmann, Bose –Einstein and Fermi – Dirac statistics and their comparison
- Studying the temperature structure of atmosphere, Hydrostatic balance, Global energy balance for earth, Formation of trade winds, cyclones and erosion of river banks
- Understanding the nanomaterials – Classification, synthesis, characterization techniques
- Studying Carbon nanotube, and nanomaterials as sensor applications
- Studying the need of Quantum mechanics and failures of classical physics in detail

SEM 6: ASTROPHYSICS, SOLID STATE PHYSICS AND SEMICONDUCTOR PHYSICS

- Understanding the Astronomical units, Luminosity of stars, Stellar classification and evolution of stars
- Understanding the crystal systems – Bravais lattice
- Studying Free electron theory, Fermi energy and superconductivity
- Understanding the formation of PN junction and special diodes and transistors

NOTE:

Students perform the practical in the laboratory session in each semester to understand the application of concept, law and principles studied in theory and are supposed to do a minimum of eight experiments. This enables the student to be self-sufficient and self-reliant in learning Physics. Also, in some of the electronic experiments students are motivated in circuit building using bread board. This enhances the learner in pursuing higher studies with confidence.

PHYSICS PROGRAM OUTCOME 3

DEPARTMENT OF MATHEMATICS

The Bangalore university has introduced semester system for BSc course for the academic year 2004-05 and hence again revised the syllabus of all subjects for the year 2014-15, There will be eight papers in mathematics for the entire course – one paper in each of the 1st four semesters and two papers each in fifth and sixth semesters.

The bachelor's degree in mathematics is the culmination of in-depth knowledge of algebra, calculus, geometry, differential equations and several other branches of pure and applied mathematics. In addition, the Bangalore university has introduced practical components (Mathematics Practical with FOSS tools such as SCILAB, MAXIMA and PYTHON languages for programming) in the syllabus.

After the completion of this course, the students will be able to

1. Gained the proficiency in analytical reasoning which can be used for modeling and solving of real-life problems.
2. Acquire ability of critical thinking and logical reasoning and capability of recognizing and distinguishing the various aspects of real-life problems.
3. Develop an ability to analyze the problems, identify and define appropriate computing requirements for its solutions.
4. Develop an ability of working independently and make an in-depth study of various notions of mathematics.
5. Develop an ability to identify unethical behavior such as fabrication, falsification or misinterpretation of data and adopting objectives, unbiased and truthful actions in all aspects of life in general mathematical studies in general.
6. Ability to peruse advanced studies and research in pure and applied mathematical sciences

DEPARTMENT OF COMMERCE

Objectives and outcomes of B.Com syllabus

Subjects

1) Financial Accounting

Objectives:

The Objective of this subject is to help the students to acquire conceptual knowledge of the financial accounts and impart skills for recording various kinds of business transactions.

Outcomes:

On successful completion of the course the students will be able

- 1) Understand the theoretical framework of accounting and accounting standards.
- 2) Understanding the emerging trends in the field of accounting.
- 3) They will be able to demonstrate the preparation of financial statements of the business concerns.
- 4) Students will be able to calculate interest under different situations of Hire Purchase system.
- 5) To prepare departmental accounts and branch accounts.
- 6) To prepare necessary ledger accounts and finding missing information under conversion of single entry into double entry.

2) Marketing and Services Management

Objectives: the objective of this course is to familiarize the students with the concepts dimensions and trends in modern marketing policies.

Outcome: on successful completion of the course the students will be able to.

1. understand the basic concepts of marketing analysis the marketing environment.
2. analyses the consumer behavior in the present scenario and market segmentation.
3. discuss the new product development and identify the factors affecting the prices of a product.
4. just the impact of promotional techniques on the customers and importance of channels of distribution.

3) Quantitative analysis for business decisions 1:

Objective: to provide basic knowledge of mathematical and statistics applications of commercial situations.

Outcomes:

1. The students could present time tablet the data by using graphical and diagrammatic representation.
2. The students were able to use statistical averages.
3. The students will able to apply the measures of dispersion and skewness.
4. Students could understand the classification and construction of index numbers.
5. The students will be able to predict the sale and profit of each year the method of least square.

4) Quantitative analysis for business decision II.

Objective: to familiarize the students with various statistical techniques for their applications in business decisions.

Outcomes:

1. The students could arrive at correlating the data between two or more variables by using coefficient of correlation and regression analysis.
2. The students will be able to predict the missing values by interpolation and extrapolation.
3. The students learn the use of sampling and sampling distribution by using standard error.
4. Students on the technique of theory of probability.

5) Advance Financial Accounting

Objectives:

The Objective of this course is to expose students to advanced Accounting issues and practices. The main focus is on formatted Accounting practices and also to acquaint the students with few Accounting standards and make them familiar with the Accounting procedures for different types of business.

Outcome:

- 1) Students will be able to prepare a statement of claim under insurance company.
- 2) Students will be able to identify the transactions relating to any branch and to prepare a branch accounts.
- 3) They will be able to identify the basis on which allocation of Departmental Expenses are charged.
- 4) They will be able to prepare the consignment and joint accounts.

6) Corporate Accounting:

Objectives:

The Objective of this subject is to familiarize students with Accounting provisions under companies Act and their application.

Outcomes:

1. Students can compile the list if Indian companies which have issued shares through IPO/FPO in the financial year.
2. They can determine the liability of underwriter in case of an IPO.
3. Students can calculate intrinsic, fair and market value of shares.
4. They will be able to calculate managerial Remuneration.
5. They will be able to value the good will of the company using different methods of valuation i.e. Average profit method, super profit, annuity method.

7) Advance corporate Accounting

Objectives:

The Objective of this subject is to enable the students to develop awareness about corporate accounting in conformity with the provisions of company Act and latest amendment thereto with adoption of Accounting Standards.

Outcomes:

- 1) Students will learn the legal provisions in respect to Redemption of preference shares.
- 2) They will be able to calculate purchase consideration in different situations ie. lump sum, Net Asset and Net payment method.
- 3) Students will learn the legal provisions in respect to internal Reconstruction and liquidation.
- 4) They will be able to prepare accounts under Amalgamation in the nature of purchase and merger method

8) Methods and Techniques of cost accounting:

Objectives:

To familiarize the students on the use of costing data for decision making and control.

Outcome:

This subject will create awareness on the various emerging cost management concepts. It will also help students to list the industries located I their areas and they can adopt the various costing methods related to that industry.

9) Cost Accounting:

Objectives:

The Objective of this subject is to familiarize students with the various concepts and elements of cost.

Outcome:

On successful completion of the course the students will be able to

- 1) Understand the basic concepts of cost and cost accounting, preparation of cost sheet.
- 2) The students learnt the material cost control by using techniques of inventory control and methods of pricing material issues.
- 3) The students learnt the labor cost concepts and methods of labor remuneration under different plans.
- 4) The students understand the apportionment and Allocation of overheads under primary and secondary overhead distribution summary.
- 5) The students could prepare the statement of Reconciliation of cost and financial accounts.

10) Business regulation

Objectives: - to introduce the students about various business regulations and to familiarize them with common issues of relevance

Outcomes: -

1. It helps the students to develop an idea and concept of filing complaints in consumer forum on the deficiency of services are products.
2. Students were aware about various awareness programs far environment protection
3. They also collected the list of leading cybercrimes cases and form groups in the classroom and conducted group discussions.

11) Income Tax-I

Objectives:

- the objective of this subject is to expose the students to the various provisions of income tax act relating to computation of incomes of individual assessee.

Outcomes:-

1. After collecting the information regarding various provisions of income tax act- Students were able to fill form number 49A (application for allotment of PAN).
2. They also learnt to enclose the required documents to be made along With IT returns with reference to salary.
3. They also learnt to calculate the amount of taxable gratuity
4. They also learnt to calculate the amount of taxable RPF and other taxable allowances.
5. Students also prepared the charts on perquisites.

12) Income Tax-2

Objectives: - the objective of this subject it is to make the students understand the calculation of taxable income and tax liability of individual assessee.

Outcomes: -

1. Students learnt the concept of calculation of incomes of assesseees through various heads of income.
2. They were able to list out the enclosures to be made along with IT returns-
3. Students also prepared the charts relating to tu deductions under section 80c to 80D
4. They gained the know edge about setting off losses against their income from various heads.
5. They were able to prepare the list of examples for expenses expressly allowed expenses expressly disallowed etc.

13) Corporate administration

Objectives: to enable the students to gain the basic knowledge on companies act 2013.

To know about different types of company personnel and their legal duties, responsibilities, powers and liabilities.

Outcomes:-

1. Students were able to know meaning, features of company and provisions relating to different types of companies under companies act 2013.
2. They were aware about the stages involved in formation of companies.
3. They were also aware about the different provisions of different types Of companies meeting and resolutions.
4. They were also aware about the different personnel of management and their Statutory powers, duties and responsibilities.

14) Retail management

Objectives:-

To enable the students to acquire skills in retail management.

To understand and apply appropriate framework to develop high level retail marketing strategy, identify the role of marketing strategies.

Outcomes:-

1. After acquiring the various skills in retail management students were able to identify the types and forms of retail ownership, theories and factors influencing retail business.
2. It was a help the students to understand the behavior changes of customers both in group and individuals.
3. It equipped the students to evaluate the implementation of marketing strategy through retail elements that is location, store design, promotions and store management.
2. They were able to list out the enclosures to be made along with IT returns-
3. Students also prepared the charts relating to tax deductions under section 80c to 80D
6. They gained the know edge about setting off losses against their income from various heads.
7. They were able to prepare the list of examples for expenses expressly allowed, expenses expressly disallowed etc.

15) Corporate administration

Objectives: to enable the students to gain the basic knowledge on companies act 2013.

To know about different types of company personnel and their legal duties, responsibilities, powers and liabilities.

Outcomes: -

1. Students were able to know meaning, features of company and provisions relating to different types of companies under companies act 2013.
2. They were aware about the stages involved in formation of companies.
3. They were also aware about the different provisions at different types of companies meeting and resolutions.
4. They were also aware about the different personnel of management and their Statutory powers, duties and responsibilities.

16) Retail management

Objectives: -

- To enable the students to acquire skills in retail management.
- To understand and apply appropriate framework to develop high level retail marketing strategy, identify the role of marketing strategies.

Outcomes: -

1. After acquiring the various skills in retail management students were able to identify the types and forms of retail ownership, theories and factors influencing retail business.
2. It was a help the students to understand the behavior changes of customers both in group and individuals.
3. It equipped the students to evaluate the implementation of marketing strategy through retail elements that is location, store design, promotions and store management.

17) Indian financial system

OBJECTIVES:

The objective of this course is to help the student to understand the conceptual frames of Indian financial institutions and markets and their operations

OUTCOME:

1. Students were made aware of Indian financial institution through organization structure of financial markets, financial and financial instruments.

2. Students understood the brief structure of commercial banks in India with their rules, regulation, and priority in what way banks provides loans to borrowers.
3. Students also understood the credit control methods.
4. Students were also made to understand by making them use of specimen copy of the application forms of opening a F.D saving bank account etc.

18) FINANCIAL MANAGEMENT

OBJECTIVE: The objective is to enable the student to understand the basic concepts of financial management and role of financial management in decision making

OUTCOMES:

1. Students were made to understand about original structure of financial management of Indian economy.
2. Students understood to calculate the present value, future value of annuity and perpetuity.
3. Students were also made to understand how to calculate EBIT-EPS problems and successfully understood about
4. Students also understood about dividend and its policy
5. Students were made to understand how to estimate working capital management imaginary figures

19) Indian Financial Reporting Standards

OBJECTIVE: The objective of the subject is to enable the students to understand the need and method of presentation of financial statement with I.F.R.S

OUTCOMES:

1. On the successful completion of the subject the students were able to understand the basic concepts of Indian accounts. Students are also made aware about its steps to be followed for revenue recognition and disclosure requirements.
2. Students were made to understand about non-current assets and investable property
3. Students were also made to understand about impairment and provisions.

P.G. DEPARTMENT OF COMMERCE

PROGRAM OBJECTIVES AND OUTCOMES

NAME OF THE PROGRAM: - MASTER OF COMMERCE

SCHEME: - SEMESTER SCHEME

DURATION: - 2 YEARS (IV SEMESTERS)

M.COM COURSE OBJECTIVES

1. To develop the decision making skill through some important statistical tools used in business.
2. Impart the student's professional education and training in various aspects of business and its environment.
3. To provide them with opportunities to develop managerial and analytical skills in order to meet challenges of business at the national and international level
4. To train the students to develop conceptual, applied and research skills for effective problem solving and right decision making.
5. To enable the students well versed in national as well as international trends.
6. To provide in-depth understanding of all core areas, like accounting and taxation, finance and banking etc.,

M.COM COURSE OUTCOMES

The students after completing the programme / course should inculcate the following skills.

1. Able to manage business with special focus in accounting and taxation, finance, banking etc.,
2. Effective use of statistical tools for analysis of business.
3. Able to apply knowledge acquired in problem solving.
4. Ability to start their own business.
5. Able to develop teamwork, leadership and managerial skills.

SPECIFIC SUBJECT OBJECTIVES AND OUTCOMES

I SEMESTER

SUBJECT: - 1.1 MONETARY SYSTEM

OBJECTIVES:-

- To expose students to domestic and international monetary system
- To enable students to understand principles and systems of note issues
- To enable students with the knowledge of Balance of payment, Balance of trade, Evolution of currency etc..

OUTCOMES

- Able to know present status of monetary policy
- Elucidate the origin of monetary policy
- Familiar with the role played by the IMF and World Bank in the global monetary system.

SUBJECT: - 1.2 INTERNATIONAL BUSINESS**OBJECTIVES:-**

- To familiarize students with the concepts and practices of International Business.
- To develop the broader perspective of business knowledge that can be carried beyond the local boundary.
- To enable the students to have a global view on the issues relating to International Business.
- To analyse the Political, Economical, Social, Technological and legal environment and cope up with the changing culture.

OUTCOMES

- It enables the students to design the career at global level.
- Students can be creative can conquer the market with more business opportunities by exploring it.

SUBJECT: - 1.3 MACRO ECONOMICS FOR BUSINESS DECISIONS**OBJECTIVES:-**

- To familiarise students with key macro-economic variables and their behaviour, and enable them to critically evaluate different economies.
- To enable students to integrate macro-economic analysis into business decisions.
- To impart knowledge about the economic policies, principles, micro and macro-economic variables crucial for developing the economy.

OUTCOMES:-

- Macroeconomics helps the students to understand the world around us and how it really works.
- It also helps to understand people, governments, businesses, and markets the economic choices they do.
- It equips the students with skills that are needed in a variety of sectors and professions.

SUBJECT: - 14 INFORMATION SYSTEM AND COMPUTERS**OBJECTIVES:-**

- To familiarise student with aspect of business information system and relevant information technology
- To develop skills to design and implement simple computer based business and audit information system.

OUTCOMES:-

- Able to do online business
- Familiarize with various software of online business.

SUBJECT: - 1.5 ADVANCED FINANCIAL MANAGEMENT

- To make students aware about the challenges and opportunities of Advanced Financial Management
- To facilitate student to acquire sound knowledge of concept. Methods and techniques of AFM

OUTCOMES:-

- Critically evaluate the impact of financial decision of the organization.
- Able to apply the techniques in financial decision making

SUBJECT: - 1.6 HUMAN RESOURCE MANAGEMENT**OBJECTIVES:-**

- Students can expose to culture, and principles of Human resource that are practiced in organization.
- To provide the information regarding the hand on practice, training and development, recruitment, compensation plans, safety and health measures taken in organization.

OUTCOMES:-

- Students can be aware about all the policies and procedures pertaining in job market.
- Students can develop the spirit of co-operation, teamwork.

SUBJECT: - 1.7 SOFT CORE COMMUNICATION SKILLS**OBJECTIVES:-**

- To sharpen the analytical, written, non-verbal, spoken communication and interpersonal skills essential in organisations involving decision making and implementation.
- To demonstrate good team work and negotiation skills.
- To demonstrate good listening skills and interpersonal communication skills.

OUTCOMES:-

- Studying communication can improve how we see others, meet others, develop and manage relationship and work effectively with others.
- It helps in students career progression, enhances professional image, problem solving, sound business relationships.
- It helps students in building team work, critical thinking, and analytical skills.

II SEMESTER**SUBJECT: - 2.1 INDIAN BANKING****OBJECTIVES:-**

- To expose the students to Indian banking system along with the latest reforms in Banking.
- To enable the students to understand prudential norms and new technologies in Banking.
- To elucidate about the loopholes of traditional Banking and to know the difference between traditional Banking and Innovative Banking system.

OUTCOMES:-

- It makes the students aware about the emerging trends of Banking Technology.
- It enables the students about the risks involved, Credit, market, liquidity, operational risk and how to mitigate the risk.

- It updates students about the new amendments, acts, policies framed by the government and how to adhere and abide to those laws, to avoid fines and penalties.

SUBJECT: - 2.2 RISK MANAGEMENT

OBJECTIVES:-

- To provide basic knowledge of risk, type of risk and tools of risk management
- Understand operational risk and how to manage it.

OUTCOMES:-

- Able to identify and categorise the various risk face by an organization
- Explain various risk control measure available
- Apply the insurance mechanism in risk management

SUBJECT: - 2.3 ADVANCED E-COMMERCE AND M-COMMERCE

OBJECTIVES:-

- To know the E-Commerce framework
- To familiarise with E-Com and world wide web
- To know the marketing on the internet

OUTCOMES:-

- Ability to start up and operate E-Com website
- Familiarise with online payment software and different cyber laws.

SUBJECT: - 2.4 BUSINESS RESEARCH METHODS

OBJECTIVES:-

- It ensures that students get familiarize with the concepts of research, tools and techniques of research methodology adopted in business.
- To enable students to do a research consultancy project to get the minor experience of doing research.

OUTCOMES:-

- Students can learn and explore research activity by identifying the accurate problem and reaching to its optimal solution.
- It helps students to know about the different types of research, where, and how it is applied.
- It helps in doing major research projects in future and how to implement different statistical tools and techniques in research

SUBJECT: - 2.5 OPERATIONS RESEARCH AND QUANTITATIVE TECHNIQUES

OBJECTIVES:-

- To enables the students learn the techniques, tactics and procedures that business applies in Decision Making.

- To impart statistical knowledge and understand the concepts used in operational research.
- Learns to make the best decisions under various uncertain situations and excel it.

OUTCOMES:-

- It results more powerful approach as it can predict all the possible outcomes of business with the estimated risk level.
- It can upshot in creating the simulated environment for the actual situation

SUBJECT: - 2.6 BUSINESS MARKETING

OBJECTIVES:-

- To understand various facets of business marketing management
- To develop the ability to take decision and plan, execute and control business marketing strategies towards attainment of organisational goals.

OUTCOMES:-

- Able to understand business to business marketing and consumer marketing
- Able to achieve organisational marketing goals
- Able to apply with application tools towards formulating and implementing business marketing strategies.

SUBJECT: - 2.7 SOFT CORE MICRO FINANCE

OBJECTIVES:-

- To make student understand the concept of financial benefits and RBI guidelines to Micro finance
- To have an overview of different players, institutions and regulatory agencies influencing the Micro finance activity

OUTCOMES:-

- Able to acquire knowledge about Micro Finance institutions across the world.
- Able to understand the policy, objectives and models of SHG'S
- Able to know the impact of risk on Micro finance institutions

III SEMESTER

SUBJECT: - 3.1 BUSINESS ETHICS AND CORPORATE GOVERNANCE

OBJECTIVES:-

- To make students conscious about ethical values in real life and in business.
- To make students Internalize Ethical values and practices.
- To enable students about the application of ethical principles and methods, analysis to business, the prominence of corporate social Responsibility and corporate governance.

OUTCOMES:-

- It enables students to have awareness about the ethics in business, marketing, finance, Human Resource Management, Information Technology and their ethical issues.

- It enables the students about the present Scenario of corporate social responsibility and concept, benefits present and future scenario of corporate governance.

SUBJECT: - 3.2 CORPORATE FINANCIAL REPORTING

OBJECTIVES:-

- To ensure that the students not only learn the local or domestic accounting principles and standards but also learn the compliance of measuring, publishing the financial records of the company.

OUTCOMES:-

- Students can build their strong base on the concepts of accounting policies that are required and mandate for disclosure of financial statement.

SUBJECT: - 3.3 ACCOUNTING FOR MANAGERIAL DECISIONS

OBJECTIVES:-

- To ensure that pupils understand what actually is managerial accounting and the contemporary issues that arises relating to costs, capital and so on the organization face

OUTCOMES:-

- It can focus on making the students well established in accounting field as an accountant.

SUBJECT: - 3.4 STRATEGIC COST MANAGEMENT-I

OBJECTIVES:-

- To elucidate about the internal business environment, cost and revenue management tools, techniques and processes available to assist managers in controlling, monitoring the organisational activities.
- To provide tools for tracking organisational performance.
- To explore the opportunities and challenges faced by the companies with the use of modern cost management tools and techniques.

OUTCOMES:-

- It helps to form foundations of professional competencies in the field of cost management as well as research analysis and pedagogical activity in the field of cost management.
- It helps to achieve the strategic competitive advantage, set their core competencies and Benchmark

SUBJECT: - 3.5 DIRECT TAX PLANNING

OBJECTIVES:-

- To give an idea on various approaches of tax planning and ways to minimize the tax liability within the legal framework
- To develop in students the ability to consider tax implications in business and financial decisions
- To give knowledge about submission of income tax return, advance tax, and tax collection authority under the income tax act

OUTCOMES:-

- Student will be able to compute tax liability of a company
- Able to consider tax implications while taking business decision.
- Able to consider all tax deductions under legal framework.

IV SEMESTER

SUBJECT: - 4.1 COMMODITY MARKETS

OBJECTIVES:-

- To give an idea on various approaches of tax planning and ways to minimize the tax liability within the legal framework
- To develop in students the ability to consider tax implications in business and financial decisions
- To give knowledge about submission of income tax return, advance tax, and tax collection authority under the income tax act

OUTCOMES:-

- Able to apply theoretical knowledge in practical situation
- Familiarize with all legal/regulatory frameworks to trade in commodity exchange.

SUBJECT: - 4.2 CORPORATE REPORTING PRACTICES AND IND AS

OBJECTIVES:-

- It ensures in developing the foreign reporting standards in publishing the financial statements and also analyzes their applications.
- Students will not only learn the domestic accounting standards but also the international standards followed in accounting and reporting

OUTCOMES:-

- Students can imply the concepts of accounting policies that are required by organization in presentation, measurement and disclosure of records

SUBJECT: - 4.3 STRATEGIC COST MANAGEMENT-II

OBJECTIVES:-

- To make students aware about the external environment of business and the new modern methods used in manufacturing and service sector.
- To enable about the different methods of pricing strategies and transfer pricing, their pros and cons.
- It enables to gain a sustainable competitive advantage by way of product differentiation, cost leadership, customer satisfaction, and enhanced productivity.

OUTCOMES:-

- It helps in managerial and strategic decision making and aligning them to business strategy.
- It helps in providing a basic guideline, to plan and undergo cost analysis as a part of strategic analysis.

SUBJECT: - 4.4 CUSTOMS DUTY AND GST**OBJECTIVES:-**

- To give an understanding of the relevant provisions of GST
- Student will learn to define various aspects of GST like, Registration, Concept of supply, time and place etc...
- Student's capability to apply theoretical knowledge in practical situation will be increased

OUTCOMES:-

- Students will be able to understand tax liability and taxable entities.
- Students will be able to describe how the provisions can be used for tax planning.
- Able to understand the concept of various types of GST (CGST, SGST, IGST, UTGST).

SUBJECT: - 4.5 DISSERTATION**OBJECTIVES:-**

- To explain the students with the areas of research activities in different field.
- To develop problem solving skill with the help of statistical tools and techniques.
- To enhance capabilities of students to conduct the research in the field of social sciences and business
- To aware the students with the art of using different research methods and techniques while problem solving and decision making

OUTCOMES:-

- Able to understand the importance of research in the field of business
- Able to identify the business problem and provide suitable solution
- Able to apply most appropriate research methodology for their research studies.
- To widened theoretical knowledge with the help of practical knowledge.