

Sudhagad Education Society,s

Sheth J.N. Paliwala Commerce College, Science & Arts

College Pali,

Tal- Sudhagad, Dist- Raigad(M.S)

Pin- 410205

PROGRAMME OUTCOMES

(PO)

PROGRAMME SPECIFIC OUTCOMES

(PSO)

&

COURSE OUTCOMES (CO)

Faculty of Science

Department of Chemistry

Programme outcomes

| | |
|-------------|--|
| PO-1 | Students should acquire scientific attitude, problem solving skill and environmental awareness |
| PO-2 | To develop an ability in the creation of Project plan |
| PO-3 | To understand the basic concepts of Chemistry |
| PO-4 | Students should become expertise in their specific subjects and curriculum |
| PO-5 | Students should be able to develop and design the synthesis of organic and Inorganic compounds |
| PO-6 | Students should be able to understand the concept of thermodynamics, chemical kinetics, Bioinorganic chemistry and electro analytical techniques |
| PO-7 | To understand the various experimental methods of chemical analysis by performing practicals in the laboratory. |
| PO-8 | To find the employment in the respective industry and government sector. |

Programme Specific Outcomes (PSO)

Department of Chemistry

- PSO-1** To analyse the result of Chemical experiments and use instruments like pH meter, Conductometer, Potentiometer and visible spectrophotometer in chemical analysis.
- PSO-2** To learn the techniques of methods of separation like Ion exchange chromatography, steam distillation and gravimetric analysis
- PSO-3** To understand the applications of micro scale techniques in Qualitative analysis.
- PSO-4** To understand the synthesis of organic and Inorganic compounds.
- PSO-5** To understand the concept of stereochemistry, spectroscopy and reaction mechanism
- PSO-6** Student will learn the usage of analytical instruments, select, and apply appropriate techniques and resources for the analysis.
- PSO-7** Learners will acquire the recent techniques in chemistry.
- PSO-8** Students becomes careful about handling of hazardous chemicals and able to perform work with industrial work with responsibility and safety.

Course Outcomes (CO)

- CO-1 To learn the basic concept of organic chemistry
- CO-2 To learn the Nomenclature of organic compounds
- CO-3 To learn the applications of name reactions and their mechanism.
- CO-4 To understand the preparation methods of alkenes, alkynes and alkyl halides.
- CO-5 To learn and understand the chemistry of heterocyclic compounds, carbohydrates, amino acids, Peptides, Natural products, Proteins and lipids used in drugs and foods.
- CO-6 Students will able to understand the structures of organic compounds.
- CO-7 To understand basic features of spectroscopy & ability to explain common terms in NMR spectroscopy such as chemical shift, coupling constant, anisotropic effect & describe how they are affected by molecular structure.
- CO-8 Students will able to understand the concepts of chemical thermodynamics.
- CO-9 To learn and understand the concepts of electrochemistry and its applications.
- CO-10 Students will able to know the concept of chemical kinetics and its applications.

- CO-11 Student will able to separate mixture of components in organic chemistry which having wide scope in research and forensic sciences.
- CO-12 Students will able to learn the techniques of quantitative analysis.
- CO-13 Students will able to learn the basic concepts of Chemical bonding & coordination chemistry.
- CO-14 To understand and learn the specific terms of symmetry, molecular orbital theory, solid state chemistry, inner transition metals.
- CO-15 Student will able to understand general properties and applications of s block, p-block & d-block elements.
- CO-16 To know specific principles of analytical chemistry.
- CO-17 To know specific facts about instrumental methods of analysis.
- CO-18 To solve critical problems in spectroscopy and two-dimensional spectroscopy.
- CO-19 To know new name reactions, reagents and rearrangements.
- CO-20 To know more specific terms involved in asymmetric synthesis, pericyclic reactions and photochemistry.
- CO-21 To know in detail about natural products, group theory and solid-state chemistry.

- CO-22 To know about drug discovery, green chemistry, biomolecules.
- CO-23 To study the behaviour of inorganic solids, their bonding, preparation and reactions including mechanisms.
- CO-24 To understand thermal and magnetic properties of inorganic materials.

Faculty of Arts

Programme outcomes

| | |
|-------------|---|
| PO-1 | To develop an interest for the languages, social sciences and humanities amongst students. |
| PO-2 | To develop an ability in the creation of Project plan |
| PO-3 | To develop the human culture and demonstrate an understanding of the ways in which the culture has changed. |
| PO-4 | To develop literacy about human culture and social values |
| PO-5 | To impart and develop the Information of historic places. |
| PO-6 | Use various technologies to conduct research and communicate about language, culture and social values. |
| PO-7 | To develop the ability to behave ethically in academic and applied settings. |
| PO-8 | To develop the skill to analyse, interpret and understand |

DEPARTMENT OF GEOGRAPHY

PROGRAMME SPECIFIC OUTCOMES (PSO)

- PSO-1. To inform the students about social and economic survey
- PSO-2 To provide information regarding conservation and conservation of environment and geographical resources for sustainable development
- PSO-3 To provide qualitative and quantitative knowledge of geography through theory and practical work in classroom and outdoor field work
- PSO-4 To create an interest research field to state and village development
- PSO-5 To make the students aware about conservation tree and sustainable uses of natural resources.

COURSE OUTCOMES (CO)

- CO.1 To explain the concepts of geology and human geography.
- CO.2 To introduce the subject of Oceanography and Meteorology.
- CO.3 Explain the importance of water system soil, minerals. and to study the Green Revolution and current changes in Indian agriculture.
- CO.4 Addressing urban issues, population growth, tourism and environmental Issues.
- CO.5 To provide tools and techniques in geography for Statistical Methods analysis
- CO.6 Globalisation and its impact on Indian economy

Department of Economics

PROGRAMME SPECIFIC OUTCOMES (PSO)

- PSO-1 Students are able to understand the basic concepts of economics
- PSO-2 Students acquired the knowledge of Indian and world economy.
- PSO-3 Students able to analyse microeconomic policies.
- PSO-4 Students must understand the various social and economical problems of Indian economy.

COURSE OUTCOMES (CO)

- CO-1 To Understand knowledge of basic tools and concepts of economics e.g. demand supply analysis, market structure and mechanism, National income, GDP
- CO-2 To understand the information about zero budget, surplus budget and deficit budget of central and state government.
- CO-3 Students able to know the specific knowledge of share market, sale and purchase of capital issues.
- CO-4 To create awareness of faster growth of population in India. Concept of population and unemployment issues.
- CO-5 Students able to know the knowledge of world economics
- CO-6 To understand internal and International trade world organisation.

CO-7 Recognize how monetary and fiscal policy can be used to achieve policy goals.

CO-8 Acquired knowledge of agricultural prices, marketing finance and subsidies in India.

CO-9 Understood the concept of economic development.

Department of Marathi

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO-1 Create an interest in literature.

PSO-2 Developing Language

PSO-3 Increasing the critical attitude about literacy studies.

COURSE OUTCOMES (CO)

CO-1 उत्तम संवाद कौशल्य

CO-2 उत्तम लेखन कौशल्य

CO-3 भाषिक कौशल्याचा विकास होतो.

CO-4 मराठी साहित्याच्या वाचनातून वास्तव जीवनातील खऱ्या प्रसंगांचे आव्हान पेलण्याची क्षमता निर्माण होते.

CO-5 स्पर्धा परीक्षांचा अभ्यास करण्यासाठी साहित्य वाचनाचा उपयोग होतो.

CO-6 मराठी साहित्याच्या वाचनातून विद्यार्थ्यांची वैचारिक जडणघडण होण्यास मदत होते.

CO-7 मराठी साहित्याच्या वाचनातून राष्ट्रनिर्मितीसाठी विचारप्रधान एक उत्तम नागरीक म्हणून विद्यार्थ्यांची जडणघडण होण्यास मदत होते.

CO-7 मराठी साहित्याच्या वाचनातून विद्यार्थ्यांमध्ये संशोधकवृत्ती निर्माण होते.

CO-8 मराठी साहित्याच्या वाचनातून सामाजिक आणि सांस्कृतिक भान विद्यार्थ्यांमध्ये निर्माण होते.

Department of History

PROGRAMME SPECIFIC OUTCOMES (PSO)

- PSO-1 To understand the Indian and world History with scientific, critical and rational approach
- PSO-2 To understand the historical development of various nations.
- PSO-3 To develop research skills in the field of Archaeology, Excavation
- PSO-4 To build up the nationalism among the students.
- PSO-5 To develop the deep understanding of the evolution of human civilisation down the age.

COURSE OUTCOMES (CO)

- CO-1 Understand the processes of rise of Modern India
- CO-2 Understand about the making of Modern India and the struggle for independence.
- CO-3 To acquaint the students with different sources of ancient Indian History.
- CO-4 Students able to understand the political, socioeconomics and cultural developments in the period under study and appreciate the rich cultural heritage in India.
- CO-5 To acquaint the students with History of early Medieval India.

- CO-6 To examine the administrative, socio economics aspects of Medieval India
- CO-7 To study the colonial impact of India.
- CO-8 Students able to know the principles of foreign policy.
- CO-9 Students able to know the basics of Archaeology.
- CO-10 Students able to know about basics of heritage tourism.
- CO-11 Students able to know the regional history of Marathas.
- CO-12 To acquaint the students with the literary sources of History of Marathas.
- CO-13 Students able to know some of the major events of post world war II event.
- CO-14 To introduce students to the basics of research
- CO-15 Students able to know the importance of Interdisciplinary research.
- CO-16 To Create awareness about the new trend in research.
- CO-17 To acquaint the students with the major changes that occurred in Asian after world war II
- CO-18 To develop an understanding of the society and culture in Maharashtra in 18th century.

Faculty of Commerce

Programme outcomes

| | |
|--------------|---|
| PO-1 | Information literacy about trade and practice |
| PO-2 | Management for business growth and development |
| PO-3 | Self-development through marketing and advertising |
| PO-4 | Improvement in oral, written and communication skill |
| PO-5 | Authenticity for calculating profit. |
| PO-6 | Knowledge of company account & work |
| PO-7 | Technical expertise for purchase and sales of shares. |
| PO-8 | Information and importance of export marketing |
| PO-9 | Intelligence in accounting standards and principles. |
| PO-10 | Importance of business economics in commerce. |
| PO-11 | Self-controlling of financial issues |
| PO-12 | Importance of Maths & stats in commerce |

BACHELOR OF COMMERCE

COURSE OUTCOMES

F. Y. B. Com Semester - I

Accountancy & Financial Management- I

1. Students will get an insight into the AS-1, 2 and 9. Students will be able to solve practical problems on inventory valuation by FIFO and Weighted Average Method.
2. Students will be able to recognize capital and revenue – expenditure and receipts. Students will be able to solve practical problems regarding Final Accounts of Manufacturing Concern,
3. Students will be able to solve practical problems regarding Departmental Accounting
4. Students will be able to solve practical problems regarding Hire Purchase Accounting.

Mathematical and Statistical Techniques-I

1. students will be able to understand concept of Shares and Mutual fund, able to determine profit, rate of interest etc for the investment.
 2. Students will be able to apply counting principles like combination and permutation in various problems
 3. Students will know how to determine optimal solution graphically
 4. Students will be able to apply mean, mode, median, standard deviation etc. in different areas of commerce accounts and economics
 5. Students will be able to calculate probability of basic real-life problems
- Students will be able to take optimal decision using Decision theory or linear programming

Business communication

- 1) The programme aims to develop communication skill.
- 2) to build confidence to face the challenges of the corporate world.
- 3) Create awareness shapes attitudes and overall improves interaction between people.

Introduction to Business and Service Sector I

1. Understanding Concept of Traditional and modern businesses
2. Clear New Trends in Business. e.g Privatization, Liberalization & Globalization.
3. Obtaining the knowledge about Elements of Business Environment.
4. Knowledge about Feasibility and Project Report.
5. Understanding the concept of Entrepreneurship, Entrepreneur and Women Entrepreneur.

F. Y. B. Com Semester II

Auntancy & Financial Management-II

1. Students will be able to convert incomplete records into complete records to facilitate preparation of Final Accounts.
2. Students will be able to understand the concept and practical aspect of Consignment Accounts.
3. Students will be able to solve practical problems by Debtors System and Stock and Debtors System of Dependent Branch.
4. Students will be able to solve practical problems on fire insurance claim.

Mathematical and Statistical Techniques-II

1. Students will be able to use derivatives for solving various commercial problems
2. Students will be able to calculate annuity, EMI and interest for their personal as well as real life investments.
3. Students will be able to correlate different entities and are able to give a linear relation between those values
4. Students will be able to apply concept of time series or index numbers to analyse a business.
5. Students will have basic idea of probability and its distributions

Business Communication

- 1) To learn the principles of effective communication so that they can communicate with confidence in the corporate world.
- 2) Understands the techniques of group discussion. The guidelines of preparing for the Interview along with the knowledge of drafting different formats of letters like enquiry, sales, marketing, claim, adjustments, appointment and termination.
- 3) Enhances understanding the effective use of communication

Introduction to Business and Service Sector II

1. Understanding the concept and classification of Services.
2. Cleaning marketing Mix For Service (4Ps)
3. Getting Knowledge about Scope and opportunities in Service Sector.
4. Knowledge about Recent Trends in Service Sector. E.g BPO, KPO, LPO, ERP.
5. Getting the knowledge about E- Commerce and scope and population of e-commerce.

S. Y. B. Com Semester - III

Financial Accounting and Auditing V- Management Accounting

1. Identify problems associated with relying on financial accounting information for various managerial decision making.
2. 2. Learns the application of management accounting tools for pricing, budgetary control, cost allocation and performance evaluation.

Business Law

- 1) To give the brief idea about the framework of Indian Business Law.
- 2) Explain the students with case law studies related to business law.
- 3) Prepare Students about the legal aspects of business.

ACCOUNTANCY & FINANCIAL MANAGEMENT-III

Students will understand the process of preparation of final account of admission, retirement and death of partners.

Be able to analyse the profit/loss of firm at time of pre and post admission, retirement

and death of partners.

Able to understand accounting treatment of Goodwill during admission, retirement and death of partner.

- Final Account of Partnership firms with various adjustments.
- Students come to know the meaning of dissolution in depth.
- Get knowledge of internal and external liabilities.
- Understand the meaning and concept of Amalgamation.
- Purpose of amalgamation and the methods of amalgamation

Will understand the concept and need of conversion of partnership firm into a company.

- Methods of Purchase Consideration
- Distribution of Purchase Consideration

Management Functions and Challenges Production and Finance

1. Clearing concepts of management skills and competency in 21st century
2. Understanding Steps in planning and stages of Decision Making Process.
3. Knowledge of Management information Systems.
4. Knowledge about Direction and Control in Management and Factors of Motivation
5. Obtaining the knowledge of span of management and level of Management

S. Y. B. Com Semester – IV

Financial Accounting and Auditing VI- Auditing

1. Discuss the need for an independent or external auditor.
2. Understands the financial audit process beginning with accepting client s till communication of result to the clients

Business Law

- 1) Prepare Students with laws related to Consumers protection Act, IPR, Company Act, partnership Act which will help the students to have complete legal knowledge of Business.
- 2) Provides legal knowledge to the students about Right to information act.

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Management Functions and Challenges Production and Finance

II

1. Understanding the concept of Production Management, Production Planning and Production Control.
2. Getting knowledge about Contemporary trends in Quality Management:
3. Clear the concept of Contemporary Practices in Financial Market.
4. Obtaining the Knowledge about Indian Financial System and New trends in financial market.

ACCOUNTANCY & FINANCIAL MANAGEMENT-IV

Students will learn about the meaning of companies, its types and procedure of formation of company.

- Students will gain the knowledge of accounting for issue of shares, forfeiture and re-issue of shares, issue of bonus shares and classification of reserves Students will learn the concept of redemption of preference shares, sources of redemption, accounting procedure of redemption and preparation of balance sheet of the company immediately after redemption.
- Students shall understand the concept of profit prior to incorporation and its treatment in accounts.
- Steps for ascertaining pre and post incorporation profits.
- Preparation of balance sheet after calculation of pre and post incorporation

T. Y. B. Com Semester – V

Financial Accounting and Auditing VII- Financial Accounting

1. Students will be able to solve practical problems on Final Accounts of Companies
2. Students will be able to understand the provisions and to solve practical problems related to internal reconstruction
3. Students will be able to understand the provisions and to solve practical problems related to buy back of shares.
4. Students will be able to solve practical problems on personal investment accounting
5. Students will get a better understanding about ethical behaviour for Professional Accounts.

Direct Tax Sem I

1. Understanding the concept of Direct Tax
2. Understanding the basic terms E.g Assessee, assessment year, annual value, business, capital assets, income, person, previous year, transfer.
3. Obtaining the knowledge of Heads of Income. e.g Salary, House Property, profits and gain of business or profession, Capital gains, other sources.
4. Knowledge about Deduction form total Income. E.g S 80, S 80C, S80CCC, S 80D, S 80DD, S 80E, S 80 U S 80 TTA.
5. Clearing the concep of Residential Status (S : 6)for Individual Assessee.

MHRM

- 1) To give the brief idea of the importance and Concepts of Marketing, consumer behaviour market segmentation, marketing mix elements.
- 2) Provides overall view of recent trends in marketing including digital marketing and green Marketing.

EXPORT MARKETING

1. The learner studies the difference between the Domestic Market & Export Market also the factors that influence Export Marketing & the various risks involved in the overseas market.
2. The learner examines the various types of Tariff & Non-Tariff Barriers, the positives & negatives of WTO & Overseas Market selection process.
3. The learner understands the Foreign Trade Policy, Role of DGFT, Benefits to status Holders and concepts relating to EOU/SEZ's/ AEZ's.
4. The student evaluates the technicalities of MDA/ASIDE/IRMAC/IGST & FICCI.

Purchasing & Store keeping V

- 1) To give the knowledge about the materials management and material requirement planning.
- 2) Study the Material research & E- Material Management.
- 3) To explain the scientific purchasing
- 4) To learn the purchase procedure ie. National Purchase procedure & International Purchase procedure

FINANCIAL ACCOUNTING AND AUDITING PAPER- VIII: COST ACCOUNTING

Students will be able to understand the meaning cost, costing and Cost Accounting, Advantages and Disadvantages of Cost accounting

Students will be able to acquaint with the procedure of storekeeping, documentation of material receipt and issue, how to use a technique for setting stock levels, calculation of Economic Order Quantity, Methods of valuation of inventory and importance of ABC analysis for classification of the various materials

Students will be able to understand attendance and payroll system, Methods of Labour Turnover, remuneration and bonus methods, also be able to calculate labour cost.

T. Y. B. Com Semester – VI

Financial Accounting and Auditing IX- Financial Accounting

1. Students will be able to calculate purchase consideration by various methods and solving practical problems based on Amalgamation, Absorption and External Reconstruction of Companies
2. Students will be able to compute and handle exchange rate difference arising out of transactions involving Foreign Currency.
3. Students will be able to solve practical problems based on liquidation of company

4. Students will be able to prepare statement of underwriter's liability
5. Preparation of Final Accounts of Limited Liability Partnership will be understood by the Students.

EXPORT MARKETING

1. The student understands decision making w.r.t. Product Planning Branding, Labelling, Pricing & gets to learn the details of INCO Terms
2. The learner studies the various aspects related to Direct & Indirect Channels of distribution in exports, Logistics in Export Marketing various sales promotion techniques important in foreign markets.
3. The learner understands the procedure related to pre & post shipment finance, Customs House Clearance & learns about various Export Document.
4. The student understands the various methods of payments available in export marketing & gets aware of the pre & post shipment finance including the role of Export Marketing Financial Institutions like Commercial Banks, SIDBI & ECGC.

Purchasing & Store keeping VI

- 1) Creates understanding of the importance of HRM
- 2) To study the various functions of HRM.
- 3) Knowledge about Human Resource.

Indirect Taxes Sem II

1. Knowledge in detailing about Concept of Goods and service tax Act 2017.

2. Understanding type of GST in India.
(CGST,SGST,IGST,UTGST).
3. Clear the concept of Supply and information about levy and Collection of Tax.
4. Getting the knowledge about Input Tax credit and computation payment of GST.
5. Obtaining the knowledge of Registration Under GST Law.

FINANCIAL ACCOUNTING AND AUDITING PAPER- X:COST ACCOUNTING

Students will be able to acquaint how to record cost information by using double-entry book keeping system. They shall be able to prepare the various ledger accounts relating to cost records.

Students will be able to understand the concepts of normal, abnormal loss/gain and its calculation. They shall be able to know the calculation of cost per process

Students will be able to the basic concepts of Material and Labour Variances. They shall also be able to calculate Adverse and Favourable variances relating to material and labour.

MHRM

1. Create understanding of the importance of HRM.
 2. To study the various functions of HRM.
- Knowledge about Human Resources.