

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

- The College has clearly stated learning outcomes of the Programs and Courses. The Following mechanism is followed by the institution to communicate the learning outcomes students.
- Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students.
- Soft Copy of Curriculum and Learning Outcomes of Programs also uploaded to the Institution website for reference.

Weblink: www.ydvcollege.org

ARTS FACULTY

Student seeking admissions for B.A. programme are expected to imbue with following quality which helps them in their future life to achieve the expected goals.

- Realization of human values
- Ethics and Sense of social service.
- Responsible and dutiful citizen.
- Ability to Creative
- Independent and lifelong learning and Understand critical thinking.
- Learn effective communication skill.
- Demonstrate social interaction
- Effective citizenship. Understand environment and sustainability.

ENGLISH:

- Basic knowledge of English as Language.
- Basic knowledge of English Grammar.
- Major knowledge of English as Literature.
- Critical study of English Literary studies.
- Relation between pleasure of literature and real life.
- Demonstrate Language and Communication Skills (Oral and Written) which can be applied in personal and professional spheres.
- Adhere to values and ethics inculcated through the curricula in profession and personal life.
- Gain knowledge and skills essential for employability.

ENGLISH LITERATURE(OPTINAL ENGLISH):

- To introduce students to different genres of Literature through selected texts and poems
- To develop among students a taste for specialized study of English Literature.
- To inculcate pleasure of reading among students through a collection of short stories –one of the important literary genres.
- To make students understand technical aspects and practical usage of language
- To read, comprehend and critically appreciate the aesthetic elements of poems.
- To introduce students to some advanced areas of language studies and Literary Terms and *Theories*.

History:

- Develop an understanding about the need and role as citizens and taking up individual
- Responsibilities
- Gain knowledge and skills essential for employability
- Understand The Importance of our Glorious Past.
- Acquire conceptual knowledge of History.
- Take interest to discuss various debatable facts in subject of history
- understood the process of healthy Nationalism and Secularism by studying work of social reformer and freedom fighters.
- understand the contribution of Maharashtra in Indian National Movement
- gained knowledge about political history of modern world
- gained knowledge about multi-causal explanations about development and deferment
- movements in Asia.

Economics:

- To learn basic concepts of Economics so as to make the students aware of importance of Economics.
- Provides through understanding and deep knowledge about basic principles that lead to trade across the countries.
- To learn restructuring of economic policies as per the requirement of the economic situation.
- Students' get to know various career opportunities related to Economic
- Understand the characteristics of Indian economy as a Developing Economy.
- Perceive the characteristics of Indian agriculture and industry.
- Know about economy of Maharashtra.
- Creates awareness of how the economy's total output of goods and services and employment of resources is determined and what causes these totals to fluctuate.
- Makes an undergraduate student aware of the basic theoretical framework underlying the field of macroeconomics.
- Understands theories in economic development and their policy implications.

M. A. Economics:

- Think critically about the Different social Processes
- Display the ability to engage in social interactions across the board
- Engage, design and evaluate research in an Interdisciplinary way
- Participate in policy engagement and advocacy
- To learn basic concepts of Economics so as to make the students aware of importance of Economics
- Students become aware of economic situation of India and countries across the world.
- To learn restructuring of economic policies as per the requirement of the economicsituation
- Students' get to know various career opportunities related to Economics.
- Evaluate the relation in which Economics stands in relation to other subjects.
- Interpret charts, graphs, and tables and use the information to make informed judgments.
 - Relate the basic economic theory and principles to current microeconomic issues.
 - Use economic models to analyze a situation in terms of economics
 - To understand the Fiscal Reform Facility, Debt Relief & Corrective Measures adopted by the Finance Commission.

POLITICAL SCIENCE

- Knowledge about political system of the nation.
- Study of national and international political affairs.
- Study from competitive examination point of view.
- Understanding the government mechanism, its functions, duties and responsibilities.
- Creating appropriate and efficient political leaders.
- Getting knowledge of political law.

COMMERCE FACULTY

Program Outcomes Students who have taken admission to this program of B.Com are expected to concentrate upon the following outcomes.

- Commercial sense.
- Develop managerial skills.
- Entrepreneurial skill.
- Budgeting policy.
- Human Resources Management.
- Develop Numerical ability.
- Well versed with business regularity framework.
- Developing Commercial Sense.
- Developing managerial Decision Making skills.
- Providing Entrepreneurial skill.
- Developing Financial Knowledge.
- Getting knowledge of Human Resources Practices.
- Providing practical exposure for work ready.
- Understanding basic concepts of accountancy, principles of accountancy and accounting cycle to maintain accounts of trading & non-trading organizations.

Business Economics :

- Understanding the link between business economics and business decision.
- Realizing the importance of demand forecasting and method of demand forecasting. Justifying the demand function and production function.
- Evaluating various production theories.
- Clarifying the meaning of Marginal, average, total revenue, and Marginal, average and total cost and its implication.
- Understanding different markets structure in marketing system
- Understanding monetary policy of Central Banks and its implications
- Acquaintance with law of markets, consumption function and investment function.
- Understanding monetary policy of Central Banks and its implications Explanation of the factors determining gross domestic product, employment, the general level of prices, and interest rates.

Principles of Business management :

- To understand concept and thought of management.
- To know about nature and importance of planning.
- To develop organization skills.
- To understand concept and importance of direction.
- To know the technique of control.
- Supporting to Achieve Group Goals.
- Knowledge about motivating employees by providing financial and non-financial incentives.
- Evaluating the economic growth and development of an organization.
- Understanding the relation between individuals, groups, departments and between levels of management.

Computer Fundamental and Operating System:

- To know about History of Computer.
- To understand primary and secondary storage devices.
- To know about single user and multiuser operating system.
- To inform about Microsoft Word programme.
- To know about the M.S. Power Point.

Financial Accounting :

- To understand the concept of financial accounts.
- Exposure the nature and advantage of accounting, Accounting concepts and conventions.
- To know accounting standard in India. Obtain the knowledge of computerize accounting.
- To know about accounting procedure of partnership firm.
- Accounts of professionals, single entry system, branch accounts and consignment accounts.

Money and Financial System :

- To understand meaning and function of Money.
- To know about Indian Money Market.
- To understand Indian Financial system.
- To know commercial bank and its function.
- To understand function of RBI

Income Tax and Auditing :

- To understand the basic concept of Income Tax.
- To know about income from salaries head.
- Acquire knowledge about the Tax management.
- To understand meaning, objective and advantages of auditing.
- To know about Power, duties and liabilities of company auditors To know about special auditor.

Corporate Accounting :

- To know about shares and accounting entries regarding issue of shares
- To know the real position of assets and liabilities at the end of financial year.
- Analyze the good will and shares valuation.
- To know about companies amalgamation and absorption.
- To know meaning of fund, fund flow and rules of fund flow statement.

Business Mathematics and Statistics :

- To calculate Simple and Compound Interest.
- To understand about tabulation and presentation of Statistical data.
- To calculate Central tendency and their measures.
- To understand concept of absolute and relative measures of dispersion
- To know the concept of Co-relation and interpolation.

Information Technology and Business data processing :

- To understand the basic concept of Information technology.
- To know about advantages and disadvantages of data base.
- To understand about Microsoft Excel.
- Acquire knowledge about computerize accounting and taxation.
- To know about ledgers, vouchers and entries for tally.

Cost Management Accounting:

- To understand meaning, nature and scope of cost accounting.
- To know about accounting overheads.
- To understand reconciliation and process costing.
- To know about ratio analysis and breakeven point concept.
- To know about budget and budgetary control.

Business Environment :

- To understand basic concept of business environment.
- To know about problem development in India.
- To know about role of government in development policy.
- Acquire knowledge about planning in India.
- To understand International Business environment.

Business Regulatory Frame Work and Company Law. :

- To understand basic knowledge about Indian Contract Act 1872.
- To know about consumer protection act 1986 and right to Information act 2005
- To know about the basic knowledge of sale of goods act 1930.
- To understand the meaning, kinds and classification of Company.
- To know about share capital transaction and company meeting.

Corporate Accounting:

- Exposure to the issue of shares and debentures of the company
- Attainment of knowledge about accounting procedure of company final account.
- Understanding the accounting procedure amalgamation and absorption of company
- Ability to get the knowledge about valuation of shares.
- Understanding the accounts procedure of liquidation of Ltd. company.

SCIENCE FACULTY

- Scientific temper will be developed in Students.
- Students will acquire basic Practical skills & Technical knowledge along with domain knowledge of different subjects in the science stream.
- Students will become employable; they will be eligible for career opportunities in Industry, or will be able to opt for entrepreneurship.
- Students will possess basic subject knowledge required for higher studies, professional and applied courses like Management Studies, Law etc.

Mathematics:

- A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations , terminology.
- A student should get adequate exposure to global and local concerns that explore them many aspects of mathematical sciences.
- Student is equipped with mathematical modeling ability, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- Student should be able to apply their skills and knowledge that is translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
- To learn basic matrix algebra and method to find solutions to system of linear equations. Also to learn eigenvalues and eigenvectors of matrix.
- To learn basic properties of real numbers and its subsets which is backbone of Real Analysis.
- To study functions in detail which is a fundamental structure in all sciences, and to be able to check continuity of a function.
- To apply notion of derivative in mean value theorem and also in higher order derivatives which arise in all applied sciences
- To be able to solve first order and first degree differential equations.
- To find extreme values of multivariable functions using derivatives.
- To learn to apply the various numerical techniques for solving real life problems.

Botany:

- Students understand the diversity of lower plant and their distinct features
- Students get an idea about various floral whorl and its importance in plant reproduction
- Students study the role of anatomy in other allied branches of botany
- Students understand the differences in higher plant structure
- Know the distinct features of gymnosperm, structure of Cycas and their economic potential
- Understanding the scope and importance of plant physiology
- Students learn Plant collection, preservation techniques and can identify plant in field.
- Define terms related to plant Anatomy, Embryology
- Interpret the Principles involved in distribution of mechanical tissues.
- Students should know characters of Cryptogams
- Students will understand the genetic terminology of genetics and laws of mendelism.

- To give information about types of gardens and floriculture technology
- Students should be able to state the claim or hypothesis clearly by using experimental data

Zoology:

- Demonstrate and apply the fundamental knowledge of the basic principles of major fields of Zoology.
- Illustrate the importance of pH, buffer and water in living systems..
- Identify the developmental stages of chick embryo, cell structures and phases of cell division
- Illustrate the database tools with their significance.
- Comment on the structure and functions of various sense organs.
- Illustrate the wildlife management practices and their significance.
- To foster curiosity in the students for Zoology
- To create awareness amongst students for the basic and applied areas of Zoology
- To provide an insight to the aspects of animal diversity.
- To inculcate good laboratory practices in students and to train them about proper handling of lab instruments.

Physics :

After completing B.Sc. (Physics) Programme students will be able to:

- Apply the basic principles of Physics to the events occurring around us and also in the world.
- Try to find out or analyze scientific reasoning for various things.
- Skill Outcomes
- After completing B.Sc. (Physics) Programme students will be able to:
 - Use of computers and various software and programming skills
 - apply the knowledge to develop the sustainable and eco-friendly technology for pollution free environment
 - collaborate effectively on team-oriented projects in the field of Physics
 - Communicate scientific information in a clear and concise manner both orally and in writing or through audio video presentations.

Students will

- develop ability to work in group
- develop capacity of critical reasoning, judgment and communication skills.
- Develop abilities for logical thinking.
- Students get acquainted with techniques which are useful in industry.
- Students get conceptual knowledge of entrepreneurship through the co-curricular activities learn the organizational skills and working in group.
- Students will be well versed with use of computers

Chemistry:

- Demonstrate and apply the fundamental knowledge of the basic principles in the fields of Chemistry
- Apply fundamental knowledge for doing qualitative and quantitative analyses in various Fields
- Know the importance of chemistry in everyday life. They will be able to relate physical and chemical phenomena around us with chemical point of view.
- Apply the knowledge to develop the sustainable and eco-friendly technology in Industrial Chemistry.
- Acquired a basic knowledge and skillset for becoming employable
- Difference in properties of gases and liquids and its applications in various fields.
- Know the meaning of terms catalyst, catalysis, positive catalysis and negative catalysis, different characteristics of catalytic reactions
- Know the electronic configuration of elements, definition of different types of bonds
- Know about types of bonds, reactivity, different effects and hybridization concept be well acquainted with different functional groups and their reactions in organic Chemistry
- Calculate molecular weight, equivalent weight, normality, and molarity.
- Know about the Chemical analysis
- Know about the stereochemistry (chirality, optical activity, enantiomers, etc.) of Cyclohexane and other organic compounds
- Know the properties of different biomolecules.
- Identify the molecularity of chemical reactions and experimentally determine the order of the reaction.

Computer Science:

Students get knowledge and training of technical subjects so that they will be technical professional by learning C programming, Relational Database Management, Data Structure, Software Engineering, Graphics, Java, PHP, Networking, Theoretical Computer Science, System Programming.

- To develop problem solving abilities using a computer
- To prepare necessary knowledge base for research and development in Computer Science.
- communicate scientific information in a clear and concise manner both orally and in writing..
- Have developed their critical reasoning, logic judgment and communication skills.
- To make them employable according to current demand of IT Industry and responsible citizen.
- Students will understand algorithms and flowchart for solving problems using computers.
- To enrich the students in logic development required for programming.
- Students will understand difference between low level and high-level programming languages.
- Understand basic structure of c program and usage of variables operators, looping statements
- Demonstrate rich internet applications.
- Students will understand system related Programming such as Operating System functioning.
- Students will understand database connection & information retrieval from database
- Students will get acquainted with Object Oriented Web applications
- To train students in professional skills related to Software Industry