

*L. MadangopalMundhada Arts Commerce & Science College, Chandur Rly.
Distt. Amravati Maharashtra.*

Programme Outcomes / Programme Specific Outcomes / Course outcomes

Programme Outcomes:

While planning Programme Outcomes institution works out on ways for the effective implementation of this Pos. Accountability of the teachers, students and stakeholders are key attributes that determine the success of the Programme Outcomes. Within each programme, institutions encourage teachers to apply innovative and flexible methods to guarantee the fullest realization of Programme Learning Outcomes.

All such instructional requirements are clearly communicated to all students at the time of admission. Any subsequent change or minor modifications necessary for fuller realization of learning outcomes are arranged with due notice and institutional arrangement at the relevant level.

Programme Outcomes (Pos) for three years Degree Programme B. A.

- **Effective Communication:** Listen, Speak, Read, and Write clearly in person and through electronic media in English and in mother tongue, and to understand the meaning of the world by connecting people, ideas, books, media and technology.
- **Understanding of values:** Display knowledge to cultivate a better understanding of values – both in the use of different language and literary forms and genres to arrive at transparent understanding of values of life at all stages.
- **Ethics:** Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
- **Social Interaction:** Elicit views of others, mediate disagreements and help reach conclusions in group settings.
- **Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

Programme Outcomes (Pos) for three years Degree Programme B. Com.

- **Entrepreneurship:** Entrepreneurship development career opportunities in Commerce. Developing Business communication skill.
- **Digital Literacy:** Ability to use digital resources for gathering information and ability to use digital resources for presentations.
- **Recognize employability:** Recognize employability options in programme as part of skill development and as career avenues open to graduates in today's global world such as professional writing, at different levels, mass media, aviation communication and personality development
- **Awareness of the commercial richness:** To enable students to develop an awareness of the commercial richness of India as an important outcome of commerce studies in India

Programme Outcomes (Pos) for three years Degree Programme B. Sc.

- **Scientific outlook :** To develop scientific outlook among students & society.
- **Knowledge of Science & Technology:** To acquire the knowledge of Science & Technology.
- **Job opportunities:** To provide Job opportunities to rural students in information and technology sector.
- **Analytical Reasoning:** Ability to evaluate the strengths and weaknesses in a scientific text.
- **Critical Thinking:** Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions from different perspectives.
- **Problem Solving:** Ability to cope with complex situations and to read any unfamiliar scientific texts.
- **Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

- **Self-directed and Life-long Learning:** Acquire the ability to engage in independent and life-long learning in the broadest context of technological changes.

Programme Specific Outcomes:

English

The programme learning outcomes relating to BA/B Sc/B Com for English students:

- Demonstrate a set of basic skills in literary and linguistic communication and explication of literary practices and process with clarity.
- Demonstrate a coherent and systematic knowledge of the field of English literature and Bhasha literatures translated into English, showing an understanding of the contemporary world.
- Cultivate ability to look at and evaluate the language of literary texts as a field of study and as part of the wider network of local and global culture by using digital resources.
- Display knowledge to cultivate a better understanding of values – both in the use of different language registers and literary forms and genres to arrive at transparent understanding of values of life at all stages.
- Recognize employability options in English literature and language studies programme as part of skill development and as career avenues open to graduates in today's global world such as professional writing, translation, teaching English at different levels, mass media, journalism, aviation communication and personality development
- To enable students to develop an awareness of the linguistic-cultural richness of India as an important outcome of English literary and language studies in India

Marathi

- To teach Literature of regional Marathi Writers
- To teach Prose of regional Marathi Writers
- To teach Poetry of regional Marathi Writers
- Preparation of Students research Project

- Communication skill and competitive spirit, literary sensibility.
- Good citizenship with soft skills development.

Sanskrit Literature :

- Demonstrate a set of basic skills in literary and linguistic communication and explication of literary practices and process with clarity.
- Demonstrate a coherent and systematic knowledge of the field of Sanskrit literature and Bhasha literatures translated into other languages, showing an understanding of the contemporary world.
- Cultivate ability to look at and evaluate the language of literary texts as a field of study and as part of the wider network of local and global culture by using digital resources.
- Display knowledge to cultivate a better understanding of values – both in the use of different language registers and literary forms and genres to arrive at transparent understanding of values of life at all stages.
- Recognize employability options in Sanskrit literature and language studies programme as part of skill development and as career avenues open to graduates in today's global world such as professional writing, translation, teaching Sanskrit at different levels, mass media, journalism, aviation communication and personality development
- To enable students to develop an awareness of the linguistic-cultural richness of India as an important outcome of Sanskrit literary and language studies in India

History

- *Understand* background of our religion, customs institutions, administration and so on.
- *Understand* the present existing social, political, religious and economic conditions of the people.
- *Analyze* relationship between the past and the present is lively presented in the history.
- Develop *practical skills* helpful in the study and understanding of historical events. They:
 - Draw historical maps, charts, diagrams etc.

- Prepare historical models, tools etc.
- Develop *interests* in the study of history and activities relating to history. They:
 - Collect ancient arts, old coins and other historical materials;
 - Participate in historical drama and historical occasions;
 - Visit places of historical interests, archaeological sites, museums and archives;
 - Read historical documents, maps, charts etc.
 - Play active roles in activities of the historical organizations and associations; and
- Write articles on historical topics.
- The study of history helps to impart moral education.
- \History installs the feeling of patriotism in the hearts of the pupils.

Geography

- Demonstrating the undemanding of basic concept in Geography.
- Demonstrating the coherent and systematic knowledge In the discipline of Geography 10 deal with current issues and their solution.
- Display an ability to read and understand maps and topographic sheet the various aspects on the space.
- Cultivate ability to evaluate critically the wider chain network of spatial. from global to local evil on various lime scales as well.
- Recognize the skill development in geographical studies program as part carrier avenues in various filed like teaching research and administration.
- Understanding the relevance of Geographical knowledge to everyday life
- Gelling the ability to communicate Geographical information utilizing both lectures, practical exercises.

- Inculcate the ability to evaluate geographical problems affectivity,
- Exhibit the skill in using spatial skill, cartography remote sensing and GIS.

Train the student to develop a sound and systematic approach regarding mechanism and process of natural and human activities. The focus is to help the student to understand the latest tools and techniques which would help in giving focused and precise understanding of geographical phenomena. The purpose is to enhance the capability of students in perceiving creating and analysing sound geographical bases and concepts.

Economics

Program Outcome

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

- Realization of human values.
- Sense of social services.
- Responsible and dutiful citizens.
- Critical temper
- Creative ability.

Programme Specific Outcome

- Understanding how different degrees of competition in market affect pricing and output
- Understanding the efficiency and equity implications of market interference, including government policy
- Developing research knowledge in economics.
- Developing the skill of data collection & use of sampling techniques in research
- Developing the knowledge about theories of economic growth & development the knowledge about theories of economic growth & development and issues of economic planning.
- Creating awareness about changing Micro-economic policies and theories.

Subject Outcome:

Students will be familiar with introductory, canonical models of consumer and producer behaviour and of micro economy have a basic understanding of the operation of modern economy be able to evaluate the effects of government interventions in individual market and in the macro economy. They can Analyze operations of markets under varying competitive conditions. They can analyze causes and consequences of unemployment inflation and economic growth.

Political Science

1. Students completing the bachelor of arts or science in political science generally specialize global approach.
2. Understand and be able to interrelate the leading theories, literature, and approaches in the subfields of American government, political theory and methods, international relations, and comparative politics.
3. Have a competence in the basic methodology of research and analysis in political science and be able to analyze and formulate effective argumentation about the political world in writing and oral presentation, making use of that competence.
4. Critically assess the actions of actors in the political process and determine their motives.
5. Explain and evaluate the values, structures, institutions, processes, behaviors and policies of politics in the United States, UK & China.
6. Analyze and formulate effective oral and written argumentation utilizing scholarly approaches in political science
7. Demonstrate knowledge and skills necessary for active citizenship

Commerce

Course Outcomes

Financial Accounting

1. To impart the knowledge of various accounting concepts
2. To instill the knowledge about accounting procedures, methods and techniques.
3. To acquaint them with practical approach to accounts writing by using software package.

Business Economics

1. To expose Students of Commerce to basic micro economic concepts and inculcate an analytical approach to the subject matter.

2. To stimulate the student interest by showing the relevance and use of various economic theories.
3. To apply economic reasoning to problems of business.

Business Mathematics and Statistics

1. To prepare for competitive examinations
2. To understand the concept of Simple interest, compound interest and the concept of EMI.
3. To understand the concept of shares and to calculate Dividend
4. To understand the concept of population and sample.
5. To use frequency distribution to make decision.
6. To understand and to calculate various types of averages and variations.
7. To understand the concept and application of profit and loss in business.
8. To solve LPP to maximize the profit and to minimize the cost.
9. To use correlation and regression analysis to estimate the relationship between two variables.
10. To understand the concept and techniques of different types of index numbers.

Computer Fundamentals system

1. To make the students familiar with Computer environment.
2. To make the students familiar with the basics of Operating System and business communication tools.
3. To make the students familiar with basics of Network, Internet and related concepts.
4. To make awareness among students about applications of Internet in Commerce.
5. To enable students to develop their own web site.

Business Environment

1. To make the students aware about the Business Environment.
2. To create entrepreneurial awareness among students,
3. To motivate students to make their mind set for taking up entrepreneurship as career.

Corporate Accounting

1. To enable the students to develop awareness about Corporate Accounting in conformity with the provisions of Companies Act and Accounting as per Indian Accounting Standards.
2. To make aware the students about the conceptual aspect of corporate accounting
3. To enable the students to develop skills for Computerized Accounting

4. To enable the students to develop skills about accounting standards

Principles of Business Management

1. To provide basic knowledge & understanding about business management concept.
2. To provide an understanding about various functions of management.

Business Regulatory Framework (Mercantile Law)

1. To acquaint students with the basic concepts, terms & provisions of Mercantile and Business Laws.
2. To develop the awareness among the students regarding these laws affecting business, trade and commerce.

Advanced Accounting.

1. To impart the knowledge of various accounting concepts
2. To instill the knowledge about accounting procedures, methods and techniques.
3. To acquaint them with practical approach to accounts writing by using software package.

Auditing & Taxation

The Study of Various Components of this course will enable the students:

1. To acquaint themselves about the concept and principles of Auditing, Audit process, Assurance Standards, Tax Audit, and Audit of computerized Systems.
2. To get knowledge about preparation of Audit report.
3. To understand the basic concepts and to acquire knowledge about Computation of Income, Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.

Cost Accounting

1. To provide Knowledge about the concepts and principles application of Overheads
2. To provide also understanding various methods of costing and their applications.
3. To impart knowledge regarding costing techniques.
4. To provide training as regards concepts, procedures and legal Provisions of cost audit.

Department of Commerce

Course Outcomes

- **Accounting** : To develop conceptual understanding of fundamentals of financial Accounting system, and to impart new trends in corporate accounting, cost accounting and Management accounting skills for various kinds of business transactions.
- Economics : The objective of this subject is to acquaint the students with the business economic principles as are applicable in business.
- Economics : The objective of this course is to provide fundamental basic Knowledge of statistics techniques as applicable to business.
- This Course is designed to help Students to Learn Qualities and Functions of Salesmanship in a Changing Global Scenario

Class; B. Com. S. Y.

- Accounting : To understand knowledge of new trends in corporate accounting issue of share and redemption shares
- Corporate Law : To acquire knowledge and develop understanding of the necessary framework of companies with reference to various provisions or company act-2013
- Principles of Business Management and practice : To know to make planning, decision making, controlling, staffing, organizing etc. to understand new approaches in management
- Cost Accounting : To understand knowledge of cost accounting, single output costing, material cost, labour cost and overhead
- Banking and Finance : To study the Indian Banking system, Banking regulation act 1949, Commercial Bank, Development Bank and Digital Bank
- Income tax : To give knowledge of direct and indirect tax

Science

- To develop scientific outlook among students & society.
- To acquire the knowledge of Science & Technology.
- To provide Job opportunities to rural students in information and technology sector.

Sports & Physical Education

Program Outcomes

The Program outcomes of department of the college are designed that a way such in reflect.

The following services that a program provides :-

- A specific action
- Behavior
- Achievable
- Measurable

Which are related to the visson, mission, values and attitude of the program

- The students should be able to identify the importance of the subject engaging themselves in experimental learning activities (learning by doing) , so that soon after completion of one program either they can be employed or secured employed with in the field or go for higher education with the sports participation background.

Gender based following activities are included in the program

- Yoga
- Carom
- Chess
- Taekwondo
- Volley-ball
- Foot-ball
- Base-ball
- Kabaddi
- Boxing
- Track & field events
- Cross-country

Programme Specific Outcomes

- Specify the key knowledge skills abilities or competencies , so that the shall be able to deal with program related objectives.
- The learning outcomes are made realized to students through mass participation in physical activity , traditional ,Cultural and recreational activities and competitive sports as well.
- Students are also exposed to work-shop, meetings, interactive session ,video clips, Google class rooms for creating multidisciplinary best citizen who will suit the local, State, National , Inter-national needs and have importance towards.
- Scientific temperament for health, fitness, security and employment through sports participation.

Library:

- Library program organized help patrons change their knowledge, skills, attitudes, behavior, or awareness.
- Use general information resources to increase familiarity with the topic and disciplinary vocabulary.
- Students will use information ethically.
- Students will find known items via title or author on the web or in a database.

- Identify the range of source types available such as peer-reviewed journals, newspaper articles, books, reference sources, etc. In order to select those appropriate based on the information need.
- Identify the features and content of different research tools (such as databases, catalogs, and websites) in order to search those most appropriate to the information need.

Program specific outcomes of Science Stream:

Chemistry:

- **PSO 1:** Have sound knowledge about fundamentals and application of chemical and scientific theories.
- **PSO 2:** Every branch of science and technology related to chemistry.
- **PSO 3:** Easily assess the properties of all elements discovered.
- **PSO 4:** Apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries.
- **PSO 5:** Will become familiar with the different branches of chemistry like analytical, organic inorganic, physical, environmental, polymer and biochemistry.
- **PSO 6:** Helps in understanding the causes of environmental pollution and can open up new methods for environmental pollution control.
- **PSO 7:** Develops analytical skills and problems solving skill requiring application of chemical principles.
- **PSO 8:** Acquires the ability to synthesis, separate and characterize compounds using laboratory and instrumentation techniques.

Electronics:

- **PSO 1:** Identify, formulate and solve complex problems to achieve demonstrated conclusions using electronic principle.
- **PSO 2:** Design system components that meet the requirement of public safety and offer solutions to the societal and environmental concerns.
- **PSO 3:** Apply research based knowledge to design and conduct experiments, analyze, synthesize, and interpret the data pertaining to electronics and communication engineering problems and arrive at valid conclusions.
- **PSO 4:** Construct, choose and apply the techniques, resources and modern engineering tools required for electronics application.
- **PSO 5:** Apply the contextual knowledge to assess societal, health, safety, cultural issues and endure the consequent responsibilities relevant to the professional practice.

- **PSO 6:** Examine the impact of electronic solution in global and environmental context and utilized the knowledge for sustained development.
- **PSO 7:** Perform effectively as leader/ member in multidisciplinary teams.
- **PSO 8:** Demonstrate resourcefulness for contemporary issues and lifelong learning.

Physics:

- **PSO 1:** Students are expected to acquire a core knowledge in physics, including the major premises of classical mechanics, quantum mechanics, electromagnetic theory, electronics, optics, special theory of relativity and modern physics.
- **PSO 2:** Students are also expected to develop a return and oral communication skills in communicating physics – related topics.
- **PSO 3:** Students should learn how to design and conduct an experiment demonstrating their understanding of the scientific method and processes. Not only that they are expected to have an understanding of the analytical methods required to interpret and analyze results and draw conclusions supported by their data.
- **PSO 4:** Student will develop the proficiency in the acquisition of data using a variety of laboratory instruments and in the analysis and interpretation of such data.
- **PSO 5:** Students will learn the application of numerical techniques for modeling physical systems for which analytical methods are inappropriate or of limited utility.
- **PSO 6:** Students will realize and develop an understanding of the impact of physics and science on society.
- **PSO 7:** Apply conceptual understanding of physics to general real world situations.
- **PSO 8:** Describe the methodology of science and the relationship between observation and theory.
- **PSO 9:** Analyze physical problems and develop correct solutions using natural laws.

Computer:

- **PSO 1:** Foundation of computer system, ability to understand the principle and working of computer system.
- **PSO 2:** Students can assess the hardware and software aspects of computer system.
- **PSO 3:** Apply good analytic design and implementation skill required to formulate and solve computer science problems.
- **PSO 4:** Apply problem solving skill and the knowledge of computer science to solve real problems.
- **PSO 5:** Understand how technological advances impact society and the social, legal, ethical and cultural ramifications of computer technologies and their usage.
- **PSO 6:** Develop the sense of responsibilities towards the society, academic community and the nation in general.

- **PSO 7:** Drives scientific and social advancement through technological innovation and entrepreneurship.
- **PSO 8:** Understand the computer science in the following core knowledge areas like algorithms, data structures, programming languages, DBMS, SQL, PL-SQL, visual basics

Mathematics :-

- . PSO 1: Student will demonstrate the ability to think critically, research , and reason. (Ethical Leadership)
- . PSO 2: Students will recognize and differentiate among diverse cultures through the history of mathematics .
- . PSO 3: Student will engage in activities directly benefitting the broader community.
- . PSO 4: Student will demonstrate an understanding of the common body of knowledge in mathematics.
- . PSO 5: Student will demonstrate the ability to analyze data and draw appropriate statistical conclusion.
- . PSO 6: Solve problem using mathematics in unfamiliar setting, and
- . PSO 7: Explain why mathematical thinking is valuable in daily life.
- . PSO 8: Student will be able to formulate problems in the language

Botany

- **PSO 1 :** The aim of this course is to ensure that you can achieve an up- to- date level of understanding of plant science .
- **PSO2:** Our objectives is to provide training in scientific and transferable skills through modular lectures course ,research project ,written work ,seminars and supervision.
- **PSO 2:** Every branch of science and technology related to Botany .
- **PSO 3:** Helps in understanding the causes of environmental pollution and can open up new methods for environmental pollution control.
- **PSO 4:** To develop an aptitude towards the science and nature.
- **PSO 5:** To equip the students with the basic skills in identifying and labeling different plants.

- **PSO 6:**To impart the quality education in the field of botany enabling our students to confidently face the job market.
- **PSO 7:** Students should learn how to design and conduct an experiment demonstrating their understanding of the scientific method and processes. Not only that they expected to have an understanding of the analytical methods required to interpret and analyze results and draw conclusion and supported by their data

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