



Shri Shivaji Education Society's,
MAHASATEE ARTS, COMMERCE & SCIENCE
COLLEGE,
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PROGRAMME OUTCOMES

B.Sc Programme

Department of Chemistry

Programme outcomes

PO1: To inculcate the scientific temperament in the students and outside the scientific community.

PO2: Use modern techniques, decent equipment's and Chemistry software's.

PO3: The syllabus very well designed and it covers the spectroscopy, Analytical Chemistry, Industrial Chemistry, Pharmaceutical compounds, Principles of Volumetric and Gravimetric estimations.

PO4: Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO5: To apply standard methodology to the solutions of problems in chemistry.

PO6: Provide students with knowledge and skill towards employment or higher education in chemistry or multi-disciplinary areas involving chemistry

PO7: To develop an independent and responsible work ethics.

PO8: Understand titration curves, indicators for precipitation titrations involving silver nitrate
Volhard's and Mohr's methods and their differences. Indicators for EDTA titrations, theory
of metal ion indicators. Determination of hardness of water

PO9: Understand the chemical constituents and applications in Food additives, adulterants
and contaminants, artificial food colorants.

PO10: To determine Chemical Oxygen Demand (COD) in waste water sample

Department of Zoology

Programme outcome

PO1: Analyze complex interactions among the various animals of different phyla, their
distribution and their relationship with the environment.

PO 2 : Apply the knowledge of internal structure of cell, its functions in control of various
metabolic functions of organisms.

PO 3 : Understands the complex evolutionary processes and behavior of animals.

PO 4 : Correlates the physiological processes of animals and relationship of organ systems.

PO 5 : Understanding of environmental conservation processes and its importance, pollution
control, biodiversity and protection of endangered species.

PO 6 : Gain knowledge of agro - based small scale industries like sericulture, fish farming,
butterfly farming and vermicompost production

Department of Botany

Programme outcome

PO1: Evidence based comparative chemistry approach to explain the chemical synthesis and
analysis.

PO2: Ability to understand the characterization of materials.

PO3: Basic principle of equipment's, instruments used in the laboratories.

PO4: Experimental techniques and methods of their area of Chemistry, Botany and Zoology.

PO5: The knowledge of identifying major groups of plants and animals and compare their characteristics.

PO6: Evidence based comparative approach to explain the evolution of organism and understand the genetic diversity of plants and animals.

B.Com Programme:

PO's:

- Business Knowledge: Develop Entrepreneurship, Employability skills and other skills of students for enabling them to become independent businessmen, industrialist or professional etc.
- Knowledge of Accounting and Tally: Preparation of financial statements.
- Business Finance and Financial Planning skills.
- Analysis and interpretation of financial statements by using appropriate tools and techniques and drawing conclusion on the same.
- Well versed with business regulatory frame work.
- Planning, Budgeting, Organizing and Controlling.
- Business Finance and Financial Planning.
- Tax Planning, Assessment and Tax Filing.
- Human Resource Management and Development.
- Knowledge of Marketing: Commodity Market, Stock Exchange, Foreign Exchange and EXIM.
- Project Cost Estimation.
- Life-long Learning: Leadership Qualities, Global Exposure, Team Spirit and Confidence Building.
- Sense of National and Social Responsibility.
- Use of ICT and Programming Skills.

PROGRAMME SPECIFIC OUTCOMES:

- **Accounting:** Equips the students to prepare the financial statements of corporate and other
- Forms of business organization by applying principles of accounting.
- **Management:** Develops the ability to apply management principles and functions to tackle the problems relating to both physical and human resources.
- **Financial Management:** Inculcates the skills to take right decision in financing, investing
- and dividend to achieve predetermined objectives.
- **Laws:** Students understand theoretical concepts and practical approach of application of various laws relating to formation, management and smooth functioning of business
- Organizations.
- **Taxation:** Auditing and Income Tax awareness.

B.A Programme

Department of Economics

Programme outcome

PO 1: Understand and apply micro economics for the formulation of policies and planning.

PO 2: Apply economic theories and concepts to contemporary social issues, as well as analyze the policies.

PO 3: Get trained in the art of economic modeling.

PO4: Understand the basics of Quantitative techniques and their applications

PO 5 : Critically evaluate the ongoing economic developments in India and abroad

Department of History

Programme outcomes

PO1. History learners increase their knowledge in various fields.

PO2. The students can get ample knowledge by studying various course papers which would eventually let them to utilize subject oriented skills in their future higher studies and research.

PO3. To understand the critical thinking.

PO4. Prepare for various competitive examination.

PO5. History students get job in schools, colleges, museum, library, research fields, department of archaeology, medias etc.

PO6. To understand Indian culture in reality.

PO7. To understand the national, regional, international history for developing historical sense.

Department of Political science

Programme outcome

PO1: The purpose of the Programme is to provide high quality learning among students so that they can actively engage in academic and other curricular activities.

PO2: Political Science is student centric subject having course structure to enhance the Knowledge and develop skills for employability.

PO3: After the successful completion of the Programme, the students will get an opportunity to select any type of areas which they like.

PO4: The subject itself helps the students to mould their personality and be responsible citizens of the society.

Department of English

Programme outcomes

PO1: The study of English language and literature instil among students social and cultural values and help them broaden their attitude towards socio-cultural issues. Thus the Programme will transform them into good and responsible citizens.

PO2: To teach them the important writers, their works, critical concepts trend and movements of English literature.

PO3: At the end of the Programme, the learners will have a broad knowledge of major and minor writers and their works.

PO4: The students will acquire a multidisciplinary approach in higher education and research.

PO5: The learners will be able to write in English with clarity.



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