



Vidya Bharati Shaikshanik Mandal, Amravati's  
S. S. S. K. R. Innani Mahavidyalaya, Karanja (Lad),  
Dist. Washim (M.S.)

## Programme Outcomes

### Programme Outcomes: B.Sc. Faculty- Science

**At the graduation in science faculty a student should have:**

- Acquired the knowledge with facts and figures related to various subjects in pure sciences such as Physics, Chemistry, Botany, Zoology, Mathematics, and Computer Science etc.
- Understood the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.
- Acquired the skills in handling scientific instruments, planning and performing in laboratory experiments
- The skills of observations and drawing logical inferences from the scientific experiments. Analyzed the given scientific data critically and systematically and the ability to draw the objective conclusions.
- Been able to think creatively (divergently and convergent) to propose novel ideas in explaining facts and figures or providing new solution to the problems.
- Realized how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable developments.
- Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.
- Realized that knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.
- Imbided ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.
- Developed various communication skills such as reading, listening, speaking, etc., which we will help in expressing ideas and views clearly and effectively.
- Realized that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude and other necessary qualities leads towards a successful life.
- Developed flair by participating in various social and cultural activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.

## **Programme Outcomes of B.A. Degree, Faculty -Arts**

**After completing the graduation in the faculty of Arts the students have:**

- Acquired the knowledge with facts and figures concerned with the subjects such as History, Sociology, Economics, Cooperation, Political Science and Languages English and Marathi.
- Understood the basic concepts, fundamental principles, and various theories in the above mentioned subjects.
- Realized the importance of literature in terms of aesthetic, mental, moral, intellectual development of an individual and accordingly of the society.
- Understood how issues in the social science get influenced by the literature and how the literature can provide solutions to the social issues.
- Gained the analytical ability to analyze the literature and social issues to appreciate the strength and to suggest the improvements for better results.
- Appreciated that social issues are no longer permanent and largely depend on the political and the economical changes.
- Convinced himself/herself that the study of literature and social sciences are not only helpful to evolve better individual and better society but also helpful to make the life of an individual more happy and meaningful.
- Participated in various social and cultural activities voluntarily.
- Written articles, novels, stories to spread the messages of equality, nationality, social harmony and other human values.
- Emerged as a multifaceted personality who is self-dependent; earning his own bread and butter and also creating opportunities to do so.
- Realized that the pursuit of knowledge is a lifelong process and one can achieve the success only with untiring efforts and positive attitude.
- Developed various communication skills such as reading, listening, speaking, etc., which will be helpful in expressing ideas and views clearly and effectively.

## **Programme Outcomes of B. Com Degree, Faculty - Commerce**

**Graduates will be able to:**

- Demonstrate knowledge of major theories and models in key areas of organizational behavior.
- Analyze organizational problems and generate realistic solutions based on current academic research in organizational behavior
- Demonstrate a knowledge of macroeconomic theory as it relates to current macroeconomics policy and issues.

- Demonstrate knowledge of microeconomic theory as it relates to markets, firms, government policy, and resource allocation.
- Demonstrate knowledge of key concepts underlying quantitative decision analysis.
- Apply basic mathematical and statistical skills necessary for analysis of a range of problems in economics, actuarial studies, accounting, marketing, management and finance
- Demonstrate knowledge of the theories, concepts and findings of the Faculty specializations
- Analyze commerce /business issues in the international contexts
- Compare international contexts and issues through the lens of the commerce disciplines
- Evaluate national and international debates and discussions on economic, commercial, and business issues
- Demonstrate an understanding of the concepts, principles, theories and Arguments of their selected areas of study outside the core disciplines of economics and business

### **Programme Outcomes of P. G. Course in Computer Science**

**On the completion of the M.Sc. (Computer science) students are able to work as:**

- Programmer or Software Engineer
- Computer Engineer
- Web Designer
- Hardware Designer/Engineer
- Systems Engineer
- System integrator
- System Administration
- Technical Support
- Support Engineer
- Technical Writer
- Consultant
- Management
- Administration
- IT Sales and Marketing IT Officer
- Computer Scientist
- Research Staff Member
- Systems Analyst
- Logic Designer
- Computer Scientist in research and R & D laboratories.

## **Programme Outcomes of P.G. Course in Chemistry**

**At the completion of M. Sc. in Chemistry the students are able to:**

- Gains complete knowledge about all fundamental aspects of all the elements of chemistry
- Understands the background of organic reaction mechanisms, complex chemical structures, instrumental method of chemical analysis, molecular rearrangements and separation techniques.
- Appreciates the importance of various elements present in the periodic table, coordination chemistry and structure of molecules, properties of compounds, structural determination of complexes using theories and instruments.
- Gathers attention about the physical aspects of atomic structure, dual behavior, reaction pathways with respect to time, various energy transformations, molecular assembly in nano level, significance of electrochemistry, molecular segregation using their symmetry.
- Learns about the potential uses of analytical industrial chemistry, medicinal chemistry and green chemistry.
- Carry out experiments in the area of organic analysis, estimation, separation, derivative
- process, inorganic semi micro analysis, preparation, conductometric and potentiometric analysis and complete knowledge about all fundamental aspects of all the elements of chemistry.

## **Programme Outcomes of P.G. Course in Botany**

**At the completion of M. Sc. in Botany the students are able to:**

- Knowledge and understanding of the range of plant diversity in terms of structure, function and environmental relationships.
  - Knowledge and understanding of the evaluation of plant diversity.
  - Knowledge and understanding of Plant classification and the flora of Maharashtra.
  - Knowledge and understanding of the role of plants in the functioning of the global ecosystem.
  - Knowledge and understanding of a selection of more specialized, optional topics.
  - Knowledge and understanding of Statistics as applied to biological data.
- Demonstrate general knowledge of basic biological principles.

- Function as a researcher in laboratory and/or field settings using appropriate basic equipment.
- . Conduct original research in a biological sub-discipline, including the design of experiments with appropriate controls.
- . Apply biometric principles to their experimental design, and to the analysis and interpretation of the data.
- Effectively communicate by defending original research in writing and in oral presentation.
- Judge the veracity and value of peer-reviewed publications in biology.
- . Practice professional ethics in the conduct of science.

### **Programme Outcomes of P.G. Course in Physics**

#### **At the completion of M. Sc. in Physics students are able to:**

- . Demonstrate an understanding of physics concepts appropriate to introductory level physics by connecting the terms, tools, and techniques to meaning rooted in the physical world.
- Demonstrate a practical understanding of appropriate magnitudes for physical quantities typical to applications in introductory level physics.
- Recognize and interpret the meaning of quantitative and mathematical symbols and apply appropriate logic, tools, and processes to solve introductory level physics problems utilizing multiple representations where appropriate.
- Apply fundamental principles of physics together with analytic tools to evaluate and describe physical situations appropriate to introductory level physics.
- Design, conduct, and report an experiment appropriate to introductory level physics and following appropriate conventions and documentation standards.
- Apply scientific and technical knowledge and skills to other disciplines and areas of study.

## **Programme Outcomes of P.G Course in Zoology (M. Sc.)**

**At the completion of M. Sc. in Physics students are able to:**

- Enable the learners to take certification of Master's degree in Zoology.
- Equip with an in-depth knowledge in the area of Zoology
- Enable them to specialize in one of the branches of Zoology that would be offered as elective courses.
- Opportunities of continuing education and professional development
- Widen the scope of the learners for careers in different sectors of employment.
- Enable the students to avail career opportunities in teaching, industry and research.

## **Programme Outcomes Carrier oriented program in Web Designing**

**After Completing the Carrier oriented program in Web Designing students are able to:**

- Improve their computer literacy, their basic understanding of operative systems and a working knowledge of software commonly used in academic and professional environments.
- Develop criteria to organize and present different type of works in academic and professional environments.
- Learn how to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software.
- Develop the skills to present ideas effectively and efficiently.
- Do Academic and Professional Presentations - Designing and delivering effective presentations and developing the various IT skills to the electronic databases.
- Use the Systems Analysis Design paradigm to critically analyze a problem.
- Solve the problems (programming networking database and Web design) in the Information Technology environment. Function effectively on teams to accomplish a common goal and demonstrate professional behavior.
- Develop IT-oriented security issues and protocols.
- Design and implement a web page.
- Improve communication and business management skills, especially in providing technical support.

## **Course Outcomes of B. Sc Degree**

### **Course Outcomes:- Faculty - Computer Science**

**On completion of the B.Sc. in Computer science students are able to:**

- Serve as the Programmers or the Software Engineers with the sound knowledge of practical and theoretical concepts for developing software.
- Serve as the Computer Engineers with enhanced knowledge of computers and its building blocks.
- Work as the Hardware Designers/Engineers with the knowledge of Networking Concepts.
- Work as the System Engineers and System integrators Serve as the System Administrators with thorough knowledge of DBMS.
- To Give Technical Support for the various systems.
- Work as the Support Engineers and the Technical Writers
- Work as Consultant and Management officers for system management.
- Work as IT Sales and Marketing person. Serve as the IT Officers in Banks and cooperative societies.
- Work as DTP Operator in small-scale industries. Serve as the Web Designers with latest web development technologies.

## **DEPARTMENT OF BOTANY**

### **The outcomes of UG Course, B. Sc. in Botany**

**At the completion of B. Sc. in Botany the students are able to:**

- Understand the structural organization and variation in chromosomes
- get self-employment in the fields as: mushroom Cultivation, organic manure preparation, the horticultural plant production, cultivation of crops in poly-house condition, plant tissue, culture laboratories etc.
- Understand plant structures in the context of physiological functions of plants. Understand lipid metabolism in plants.
- Understand the morphological and structural organization of Cryptogams and Phanerogams.
- Economics Botany and plant utilization in concern with human life.
- Diversity of plants National plant wealth.
- Developmental biology of plants. Industrial application of microorganism

## **Programme Outcomes of Short-Term Certificate Course in Kitchen Garden**

**At the completion of Short Term Course the students are able to:**

- Gardening program in College influenced student's eating habits by providing experimental learning around food, food grooving tasting and eating that also influenced healthy eating behavior, particularly increased consumption vegetables and fruits.
- Experimental learning involves in these programs that offered many opportunities for active learning about a wide range of knowledge. It enhances academic interaction, particularly in plant science through extracurricular activity.
- In increase mutual trust, social connections and interpersonal relationships. Garden also engage students from multicultural backgrounds with the school curriculum.
- It is very easy to engage students who are otherwise difficult to engage with learning in classroom students with special needs, from diverse backgrounds, including indigenous students can be easily engaged though such activity.
- It increases social behaviors of students within a group or community, communication, working with other leadership and social skills.

## **DEPARTMENT OF CHEMISTRY**

### **The Outcomes of UG Course, B. Sc. in Chemistry**

**At the completion of B. Sc. in Chemistry the students are able to:**

- Provide a broad foundation in chemistry that stresses scientific reasoning and Analytical problem solving with a molecular perspective.
- Achieve the skills required to succeed in graduate school, the chemical industry and professional school.
- Get exposures of a breadth of experimental techniques using modern instrumentation.
- Understand the importance of the Periodic Table of the Elements, how it came to be, and its role in organizing chemical information. understand the interdisciplinary nature of chemistry and to integrate knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.
- Learn the laboratory skills needed to design, safely and interpret chemical research.
- Acquire a foundation of chemistry of sufficient breadth and the depth to enable them to understand and critically interpret the primary chemical literature.

- Develop the ability to communicate scientific information and research results in written and oral formats.
- Learn professionalism, including the ability to work in teams and apply basic ethical principles.

## **Course Outcomes of P.G. Course in Chemistry**

### **Inorganic chemistry-I**

1. Understands the background of bonding forces
2. Appreciates the importance of various theories in bonding
3. Learns the chemistry basis of solid state
4. Gains the imagination of 3D structures of silicates and caged compounds
5. Estimates the importance of extractive metallurgy

### **Organic Chemistry II**

1. Learns the fundamentals of reaction mechanisms
2. Understands the mechanism of nucleophilic substitution and elimination reactions
3. Appreciates the fundamentals of aromaticity in organic chemistry
4. Acquires the 3-D aspects of organic molecules.
5. Gains the potential about complex vitamin and nucleic acid structure

### **Physical Chemistry II**

1. Understands the various theories of electrolytic conductance
2. Recognizes the dynamics of electrode reaction
3. Learns the classical status of thermodynamics
4. Appreciates the fundamentals of molecular thermodynamics
5. Estimates the basis of chemical surfaces

### **Inorganic chemistry Practical**

1. Determines the procedure for semi micro analysis of inorganic salt mixture
2. Understanding the procedure for semi micro qualitative analysis.
3. Estimates the accurate analytical procedure of analysis.
4. Appreciates the procedure for inorganic analysis.
5. Learns the steps involved in the complex formation process.

### **Instrumental method of analysis**

1. Analysis the variations of practical errors.
2. Gains the potential about different precipitation processes.
3. Determines the procedure for electro analytical techniques.
4. Determines the procedure for thermo analytical techniques.
5. Validates the strength of spectro analytical techniques

### **Organic chemistry Practical**

1. Understands the basis of Redox reaction
2. Appreciates the various steps involved in the molecular rearrangements
3. Visualizes the aromatic electrophilic substitution mechanism
4. Analyses the cruciality of the stereo chemical process
5. Perceives the concept of conformational analysis

### **Physical chemistry Practical**

1. Learns the importance of chemical reaction against time
2. Validates the theoretical background of rotational spectra
3. Analyses the physical approach of IR and Raman spectra
4. Gains knowledge about NQR and ESR spectra
5. Encompasses the symmetrical utility of molecules

## **Programme output of Short-Term Certificate Course in Water Analysis**

**At the completion of short term course, the students are able to:**

- Analysis potable or non potable of drinking water
- Study of PH of water.
- Effect of water on human body.
- Determine salt, minerals impurities of pond water, well water in respect of research.
- Use data for research analysis.

## **DEPARTMENT OF MATHEMATICS**

### **The Outcomes of UG Course, B. Sc. in Mathematics**

**At the completion of B. Sc. in Mathematics the students are able to:**

- Learn to solve improper integrals.
- Make use of linear equations for solving any differential equations
- Understand various problems related with planar graphs.
- Understand the Concepts of Matrices and linear equations.
- Learn properties of inverse Laplace transforms
- Calculate area and volume of irregular shaped material.
- Find jobs for their livelihood
- Be motivated for their further education.
- Get job in TIFR, Barc and IISc as Jr. Scientist
- Prepare for JAM examination.

## **Programme Outcomes of Short-Term Certificate Course in Vedic Mathematics**

**At the completion of Short Term Course the students are able to:**

- Help to carryout tedious and cumbersome mathematical operations in easy way
- Develop interest in mathematics
- Help to make conceptually strong in mathematics and easy to solve any problems
- Develop analytical thinking
- Improve mathematical skills
- Honors to ancient Indian culture

## **Programme Outcomes of Short-Term Certificate Course in Basic Mathematics**

**At the completion of Short Term Course the students are able to:**

- Improve knowledge of mathematics & Develop research skills
- Achieve great success in all study programs
- Prepare JAM, NET, SET, examinations
- Solve mathematical problems in competitive examinations such as MPSC, UPSC, Banking and other services
- Calculate area and volume of irregular shaped material

## **DEPARTMENT OF PHYSICS**

### **The Outcomes of UG Course, B. Sc. in Physics**

**At the completion of B. Sc. in Physics students are able to:**

- Demonstrate a rigorous understanding of the core theories & principles of physics, which includes mechanics, electromagnetism, thermodynamics, & quantum mechanics.
- Learn the Concepts as Quantum Mechanics, Relativity, introduced at degree level in order to understand nature at atomic levels.
- Provide knowledge about material properties and its application for developing technology to ease the problems related to the society.
- Understand the set of physical laws, describing the motion of bodies, under the influence of system of forces. Understand the relationship between particles & atom, as well as their creation & decay.
- Relate the structure of atoms & subatomic particles Understand physical properties of molecule the chemical bonds between atom as well as molecular dynamics.

- Analyze the applications of mathematics to the problems in physics & develop suitable mathematical method for such application & for formulation of physical theories.
- Learn the structure of solid materials & their different physical properties along with metallurgy, cryogenics, electronics, & material science.
- Understand the fundamental theory of nature at small scale & levels of atom & sub-atomic particles.

## **Programme outcomes of Short-Term Certificate Course on “Use and Repair- Electrical Appliances”**

**The participant will be able to-**

- Observe the safety precautions while working
- Test line cord for continuity with test lamp/multi meter
- Prepare a heating element for a heater as required specification.
- Replace the old element for heater, kettle, non –automatic electronic iron, room heaters etc., with a new one
- Dismantle and reassemble an electric iron, heater, kettle, room heater, toaster, hair dryer, mixer etc.
- Install a ceiling fan and the regulator.
- Check a fluorescent lamp chock, starter and install it.
- Safety precaution in an install, service and repair all kinds of electrical home appliances.
- Inculcate the basic knowledge of electronic devices.
- Finding faults in the circuits.

## **DEPARTMENT OF ZOOLOGY**

### **The Programme Outcomes of UG Course of the subject Zoology**

**At the completion of B. Sc. in Zoology the students are able to:**

- Understand the nature and basic concepts of cell biology Understand the basic concepts of chordates and non-chordates
- Understand the concepts of Goatery and Lac culture.
- Understand the various Applications of Biotechnology
- Understand the Lamarkism, Neo-Lamarkism and Darwinism.
- Understand the term ELISA technique and DNA finger printing.
- Understand the process of evolution.

## **Programme specific Outcomes of Zoology subject at U.G. level**

- Identify and list out common animals
- Explain various physiological changes in our bodies
- Analyze the impact of environment on our bodies
- Understand various genetic abnormalities
- Develop respect for nature
- Explain the role and impact of different environmental conservation programmes
- Identify animals beneficial to humans
- Identify various potential risk factors to health of humans
- Explain the importance of genetic engineering
- Use tools of information technology for all activities related to zoology

## **Course outcomes of Zoology at U.G. Level**

### **Animal Diversity:**

1. Ability to love and understand the fascinating world of invertebrates
2. Get a concrete idea of the evolution, hierarchy and classification of invertebrate phyla.
3. Understand the basics of systematics by learning the diagnostic and general characters of various groups.
4. Getting an overview of typical examples in each phyla
5. Aware the economic importance of invertebrates with the special reference to insect pest .
6. Inculcate in the student a fascination for nature and learn the bionomics of vertebrates.
7. Learn the evolution, hierarchy and classification of different classes of chordates
8. Get an overview of the morphology and physiology of typical examples.
9. Familiarise the adaptations and economic importance of specific vertebrates

### **.Functional Zoology:**

1. Familiarize students on the physiology of their own body and urge them to take precautionary measures to safeguard their health.
2. Aware about the structure and function of each system in the human body.
3. Describe common physiological disorders, syndromes and diseases.

### **Applied Zoology**

1. Identify various methodology and perspectives of applied branches of zoology for the possibilities of self-employment.
2. Learn the basic principles involved in the culture and breeding of common edible and ornamental fishes of Kerala and the art of aquarium keeping.
3. Get a basic understanding of human genomics and reproductive biology

4. Aware about stem cell research and prenatal diagnostic techniques.

### **Practical I -Animal Diversity I &II, Functional Zoology and Applied Zoology**

1. Experience in anatomy through simple dissections
2. Familiarize organ system.
3. Aware about economically important specimen (preserved)
4. Ability to carry out routine clinical analysis of blood and urine

### **Programme Specific Outcomes of P.G Course of Zoology (M.Sc)**

- Developing academically sound future researchers and intellectuals in the area of general biology, Molecular biology, Biotechnology, Genetics, Cell biology, and Environmental Conservation.
- .Producing Contributors in the area of Biological Research, Teaching and Biodiversity Conservation
- .Cultivating a generation with Scientific Ethics and Temper.

### **Programme outcomes of Short Term Certificate Course in Snake**

#### **Biodiversity and Snake Bite Management**

**At the completion of short term course, the students are able to:**

- Identify the type of snakes.
- First aid treatment for snake bite.
- Acquire the knowledge ant venom for snake bite
- Guide for patient of snake bite.
- Survival of snake for farming.
- Superstition about snake bite.

### **DEPARTMENT OF COMPUTER SCIENCE**

### **The Outcomes of UG Courses B.Com and B.Sc. in Entire Computer Science**

**At the completion of B.Com and B. Sc. in Computer Science, entire the students are able to:**

- Improve their computer literacy, their basic understanding of operating systems and a working knowledge of software commonly used in academic and professional environments.
- Develop criteria to organize and present different type of works in academic and professional environments.

- Learn to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software.
- Develop the skills to present ideas effectively and efficiently.
- Design and deliver an effective presentation and develop the various IT skills related electronic databases.
- Use the Systems Analysis Design paradigm to analyze a problem critically.
- Solve problems (programming networking database and Web design) in the Information Technology environment.

## **DEPARTMENT OF ENGLISH**

### **The Outcomes of UG Course, B. A. in English**

**At the completion of B.A. in English the students are able to:**

- Use correct English in oral as well as written form.
- Develop Reading, Writing & Communication Skills in English
- Get information about the history of ancient, medieval and modern English Literature
- Inculcate the human values for one's transformation of behavior.
- Interpret the literary works by critical analysis.
- Compare literary works of the great writers and philosophers by using their logic and literary competency
- Approach of English Linguistics & Grammar
- Get information about the Literary Theories
- Prepare for various types of Competitive Examinations
- Nurture themselves in soft skills and develop research aptitude.
- Find jobs for their livelihood
- Be motivated for their further education.

### **Programme outcomes of Short-Term Certificate Course in Human Values:**

**At the completion of short term certificate course, the students are able to:**

- Inculcate the human values for one's transformation of behavior.
- Proper belief and outlook among the adolescent students to protect them from dislocation and chaos of life.
- Develop right value judgement pattern as per the social norm and mode of society.
- Use in carrying out further studies.

### **Programme outcomes of Short-Term Certificate Course in Public Speaking Skills in English**

**Outcome:** The course opens new horizon for career advancement. It is found that most of the students equipped with speaking ability. It enables them to easily assume leadership and trains others. It can prepare them for spontaneous speaking challenges and face personal interviews for Placements. It can make student a desirable guest on local, regional and national conferences, seminars and public speaking events.

### **Programme outcomes of Short-Term Certificate Course in Business Communication Skills in English**

**Outcome:** Most of the students equip with Business Correspondence, Notices, Agendas, Minutes, Speeches, Presentations, Interview and Interviewing Skills. It enables them to apply their understanding in unfamiliar contexts. It helped them to secure good marks in the University Examination and Personal Interviews for Placements.

### **Programme outcomes of Short-Term Certificate Course in Employability Skills in English**

**Outcome:** Most of the students equip with Leadership Skills, Teamwork Skills, Time Management, Tress Management, Interview and Interviewing Skills. It develops their Employability Skills. It helped them to secure good marks in the University Examination and Personal Interviews for Placements.

## **DEPARTMENT OF MARATHI**

### **The Outcomes of UG Course, B. A. in Marathi**

**At the completion of B. A. in Marathi the students are able to:**

- Develop competency in Literary Forms. ( i.e. Marathi poetry, autobiography, novel, short story, drama & performing prose)
- Develop Reading, Writing & Communication Skills in Marathi. Get Information about the history of Saint Literature.
- Get Information about Literary Theories.
- Get Information about the history of MODERN Marathi Literature.
- Apply the study of Marathi Linguistics & Grammar in their practical life.
- Study News Writing for Media.
- Approach of Marathi Linguistics & Grammar
- Get information about the Literary Theories

- Prepare for various types of Competitive Examinations
- Nurture themselves in soft skills and develop research aptitude.
- Find jobs for their livelihood
- Be motivated for their further education.

### **Programme outcomes of Short Term course in Marathi**

#### ***Vyakran Tatha Shudhhalekhan Laghu Abhyaskram***

**At the completion of short term course the students are able to:**

- Approach of Marathi Linguistics & Grammar
- Prepare for various types of Competitive Examinations
- Develop interest in Marathi subject.
- Enhance vocabulary of Marathi language.
- Improve orthography of Marathi.

### **DEPARTMENT OF HISTORY**

#### **The Outcomes of UG Course, B. A. in History**

**At the completion of B. A. in History the students are able to:**

- Understand the basic themes, concepts, chronology and the Scope of Indian History.
- Be Acquaint with the range of issues related Indian History and its distinctive areas.
- Understand the history of the countries other than India with comparative approach.
- Think and argue historically and critically in writing and discussion.
- Prepare for various types of Competitive Examinations
- Critically recognize the Social, Political, Economic and Cultural aspects of History.
- Study further in the applied field of history as archaeology.

#### **Outcomes of Short Term Certificate Course Research and Writing of Ancient History**

**At the completion short term course in History, the students are able to:**

- Understand the basic themes, concepts ancient history.
- Understand the history of the countries other than India with comparative approach.
- Think and argue historically and critically in writing and discussion.
- Develop interest in history.
- Helpful in further education.

## **DEPARTMENT OF ECONOMICS**

### **The Outcomes of UG Course, B. A. in Economics**

**At the completion of B. A. in Economics the students are able to:**

- Understand basic concepts of economics.
- Analyze economic behavior in practice.
- Understand the economic way of thinking.
- Analyze historical and current events from an economic perspective.
- Write and discuss economical issues at national levels.
- Find alternative approaches to economic problems through the exposure from the coursework in allied fields.
- Develop an ability to suggest solutions for various economic problems
- . Prepare for the Competitive Examinations as MPSC, UPSC.

## **DEPARTMENT OF SOCIOLOGY**

**At the completion of B. A. in Sociology the students are able to:**

- Develop the ability to use critical, analytical, and reflective thinking and reasoning
- Reflect on social and ethical responsibilities in his/her professional life.
- Gain experience and confidence in the dissemination of project/research outputs
- Work responsibly and creatively as an individual or as a member or leader of a team and in multidisciplinary environments.
- Communicate effectively by oral, written, graphical and technological means and have competency in English.
- Independently reach and acquire information, and develop appreciation of the need for continuously learning and updating.
- Develop a thorough knowledge of theories, concepts, and research methods in the field and apply them in research design and data analysis.
- Assess the impact of the economic, social, and political environment from a global, national and regional level.

- Know how to access written and visual, primary and secondary sources of information, interpret concepts and data from a variety of sources in developing disciplinary and interdisciplinary analyses.

## **DEPARTMENT OF POLITICAL SCIENCE**

### **At the completion of B. A. in Political science the students are able to:**

- Ask relevant research questions pertaining to political science in their research papers and internship experiences.
- Recognize and evaluate assumptions and implications in their research papers and internship experiences.
- Examine and evaluate different sides of an issue in their research papers and internship experiences.
- State and defend a thesis that is clear, direct, logical, and substantive in the area of political science.
- Find and use a variety of appropriately cited sources
- Demonstrate substantive knowledge of concepts and facts relevant to political science.
- Work toward teacher certification will demonstrate the ability to apply political science knowledge and methodologies within the classroom setting
- Promote and realize gains in student success.
- Promote and realize efficiency in the delivery and completion of the program

## **Programme Outcomes P.G. course in Political Science**

### **At the completion of M. A. in Political science the students are able to:**

- Understand the world, their country, their society, as well as themselves and have awareness of ethical problems, social rights, values and responsibility to the self and to others.
- Understand different disciplines from natural and social sciences to mathematics and art, and develop interdisciplinary approaches in thinking and practice.
- Think critically, follow innovations and developments in science and technology, demonstrate personal and organizational entrepreneurship and engage in life-long learning in various subjects.
- Communicate effectively in Turkish and English by oral, written, graphical and technological means.

- Take individual and team responsibility, function effectively and respectfully as an individual and a member or a leader of a team; and have the skills to work effectively in multi-disciplinary teams.
- Develop knowledge of theories, concepts, and research methods in humanities and social sciences.
- Assess how global, national and regional developments affect society
- Know how to access and evaluate data from various sources of information.
- Understand and follow changes in patterns of political behavior, ideas and structures.
- Develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge.
- Function effectively in teams to accomplish common goals and demonstrate professional behavior.
- Develop IT-oriented security issues and protocols.
- Able to design and implement a web page.
- Improve communication and business management skills, especially in providing technical support.

## **DEPARTMENT OF COMMERCE**

### **The Outcomes of UG Courses B.Com in Entire Computer Science**

**After Completing Bachelor of Commerce (B.Com) course, students are able to:**

- Build a strong foundation of knowledge in different areas of Commerce.
- Develop the skill of applying concepts and techniques used in Commerce.
- Develop an attitude for working effectively and efficiently in a business environment.
- Integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students.
- Expose students about entrepreneurship.
- Enable a student to be capable of making decisions at personal and professional

### **Programme Specific Outcome B. Com.**

**Graduates of the degree will have the capacity to:**

- Work collaboratively and productively in groups.
- Use basic mathematical and statistical tools of analysis.
- Apply critical and analytical skills and methods to the identification,
- evaluation and resolution of complex problems.

- Engage confidently in self-directed study and research.
- Communicate ideas effectively in both written and oral formats.
- Operate effectively in multicultural and diverse environments.
- Use effectively information from diverse sources.
- Be proficient in the use of appropriate information technologies.
- Critically evaluate new ideas, research findings, methodologies and theoretical frameworks in a specialized field of study.
- Recognize and understand the ethical responsibilities of individuals and organizations in society.
- Analysis and evaluation of evidence in the commerce disciplines in support of an argument, proposition or solution to problems in organizations and in society.
- Strategic and critical thinking in relation to business and commerce related issues.
- Knowledgeable across disciplines.
- Synthesis of knowledge across disciplines.
- Problem solving through the application of appropriate theories, principles and data.
- Skilled in the use of computer systems and software used in commerce and business through practical assignments, exercises and demonstrations.
- Aware of cultural differences and able to account for these in developing Solutions to commerce related problems.
- Effective communicators on matters related to economics and commerce
- Participants in discussion and debate on national and international issues
- Related to the disciplines of the faculty.
- Effective decision makers in business and commerce.
- Ethical and collegial in professional practice.

Course outcomes of B.Com degree

### **ENVIRONMENTAL STUDIES**

- . Enable the students to acquire basic ideas about environment and emerging issues about environmental problems.
- . Aware about the need and importance of environmental protection
- Develop knowledge and understanding of the environment and enable the students to contribute towards maintaining and improving the quality of the environment

### **BUISSNESS ECONOMICS**

- Familiarize the students with the economic principles and theories underlying various business decisions.

- Equip the students to apply the economic theories in different business situations.
- Acquaint the students with the application of economics in the context of managerial decision making.

### **PRINCIPLE OF BUINESS MANAGEMENT**

- Develop communication skills among students relevant to various business situations
- . Impart knowledge on the management of Modern Offices.
- . Explore the talents in business communication and enable the students to understand the appointment and role of a Company Secretary in business.
- Familiarize the students with the conceptual framework of financial management.
- Enable the students to understand the practical application of financial management.
- Provide conceptual and analytical insights to make financial decisions skillfully

### **FINANCIAL ACCOUNTING**

- . Familiarize the students with Accounting Standards.
- . Equip the students to prepare the accounts of special business areas.
- . Impart knowledge and understanding of the principles and concepts of financial accounting
- Develop the skill required for the preparation of financial statements and accounts of various business areas.
- . Create awareness of accounts related to dissolution of partnership firms.
- Acquaint students with the system of accounting for different branches and departments.
- Enable students to prepare accounting of consignments and joint venture.
- Equip the students with the preparation of accounts of various business areas.

### **INFORMATION TECHNOLOGY AND BUSINESS DATA**

- Review the basic concepts and functional knowledge in the field of IT.
- . Expose the students to computer application in the field of Business.
- Expose the students to the innovations in information technology and its potential application in business.

### **BUSINESS STATISTICS AND BUINESS STATISTICS**

- Enable the students to gain understanding of statistical techniques as are applicable to business.
- Enable the students to apply statistical techniques for quantification of data in business.
- Develop the skill for applying appropriate statistical tools and techniques in different business situations.

## **INCOME TAX AND AUDITING**

- Familiarize the students about the fundamental concepts of Income Tax
- Enable the students to acquire the skills required to compute Gross Total Income with more emphasis on income from salary and income from house property.
- Impart the basic knowledge and understanding of the concepts and practices of Income Tax Law in India.
- Understand the principles and practice of auditing
- Familiarise the students with the principles and procedure of auditing.
- Enable the students to understand the duties and responsibilities of auditors.

## **COST AND MANAGEMENT ACCOUNTING**

- . Develop professional competence and skill in applying accounting information for decision making.
- . Equip the students to interpret financial statements with specific tools of management accounting.
- Enable the students to have a thorough knowledge on the management accounting techniques in business decision making.

## **MARKETING MANAGEMENT**

- Provide knowledge of the concepts, principles, tools and techniques of marketing.
- Help the students to understand marketing concepts and its applications
- Make the students aware of modern methods and techniques of marketing.

## **BUISSNESS REGULATORY FRAMEWORK & COMPANY LAW**

- Equip the students with the practical skill and knowledge of business regulatory framework & company law
- Enable the students to understand the provisions of Income Tax for computing Total Income and Tax Liability of various persons.
- Familiarize the students with the **company law**.

## **FUNDAMENTALS OF INSURANCE**

- . Enable the students to acquire basic ideas about insurance.
- . Aware about the need and importance of insurance.
- Develop knowledge and understanding of the insurance in business and enable the students to contribute towards importance of insurance.

## **Programme Outcomes of P.G. Course in Commerce**

### **After Completing Masters in Commerce (M.Com) Students are able to:**

- The students will develop an ability to apply knowledge acquired in problem solving.
- . Ability to work in teams with enhanced communication and inter-personal skills.
- The students will be ready for employment in functional areas like Accounting, Taxation, Banking,
- Insurance and Corporate Law.
- Ability to start entrepreneurial activities.
- . To inculcate ethical values, team work, leadership and managerial skills.
- . Students will exhibit inclination towards pursuing professional courses such as CA/CS/CMA/CFA etc.

## **Career Oriented Certificate course in Clinical Laboratory Technology**

### **After completing certificate course, Students are able to:**

- Measure blood pressure of patient
- Measure blood sugar of person to classify diabetic or non diabetic person.
- Work as technical assistant in pathology laboratory.
- Help researchers for measurement of parameters of blood.

## **Career Oriented Certificate course in Vermiculture:**

### **After completing certificate course, Students are able to:**

- Study requirement of vermiculture composting
- Get information of vermiculture production methodology
- Get knowledge of harvesting vermicompost.
- Self employment.
- Enhance germination, plant growth and crop yield in farming.

## **Career Oriented Certificate course in Cosmetology**

### **After completing certificate course, Students are able to:**

- Perform hair care services for all types of hair including hair analysis, hair cutting, hair styling, hair coloring and lightening, permanent waving and chemical relaxing.
- Perform basic skin care services including skin analysis, facial; make up application and superfluous hair removal.
- Acquire the basic knowledge of starting one's own salon business

## **Career Oriented Certificate course in Fashion Designing**

**After completing certificate course, students are able to:**

- Articulate design ideas verbally and visually
- Relate the design process to the appropriate manufacturing process
- Assess, propose, and apply various techniques related to drafting, draping and construction of garments

## **Career Oriented Certificate course in Communication Skill in English**

**After completing certificate course, students are able to:**

- Demonstrate critical and innovative thinking.
- Display competence in oral, written, visual communication.
- Apply communication theory
- Show an understanding of opportunities in the field of communication
- Use current technology related to the communication field.
- Prepare for interview in the company and other sectors.

## **Career Oriented Certificate course in Communication Skill in Taxation**

**After completing certificate course, students are able to:**

- Understand and apply the tax formula for individuals
- Determine filling status and understand calculation of tax according to filling status.
- compute basic and capital gains and losses.
- Identify the new tax rules for high income taxpayers
- Understand the basics of electronic filling



Convener

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