

S. M. Joshi College, Hadapsar, Pune – 28

PROGRAM OUTCOMES (POs) OF COURSES

Degree Program	Outcome
<p>Bachelor of Commerce (B. Com)</p>	<p>On successful completion of the program, the students will be able for</p> <p>PO 1: Primary Knowledge: To provide adequate primary understanding about Commerce, Accounting & Finance education to the students.</p> <p>PO 2: Self Employment: To create additional avenue of Self Employment to the students & to provide suitable & trained persons for Financial Services Sector.</p> <p>PO 3: Practical Aspect: To make aware about the practical aspect of the theoretical concepts.</p> <p>PO 4: Establish Co-ordination: To establish strong co-ordination between the Industry & the Institutions of Higher Education.</p> <p>PO 5: New Opportunities: To prepare students to exploit opportunities being newly created in the accounting & finance field.</p> <p>PO 6: Competitiveness: To prepare graduates to compete with the degree holders of Private & Other Universities.</p> <p>PO 7: Exposure: To give adequate exposure to the operational environment in the field of accounting & finance.</p>
<p>B. Sc. in Chemistry</p>	<p>On successful completion of the program, the students will be able for</p> <p>PO1. CRITICAL THINKING</p> <p>The curriculum is designed in such way that students should acquire the ability to observe the concepts accurately and think impartially, scientifically, independently and draw rational conclusions.</p> <p>PO2. EFFECTIVE COMMUNICATION The medium of instruction for this course is in English. English is an international language therefore students should become</p>

	<p>habitual to communicate in English while studying chemistry.</p> <p>PO3 SOCIAL INTERACTIONS In these course students are made aware of environment related issues. They are made aware of optimal use of fertilizers, water, fuels and drugs.</p> <p>PS04 EFFECTIVE CITIZENSHIP</p> <p>In this program students are made aware of the pollution problems such as waste water management, water treatment etc. Also they made aware of significance of energy, water, food, fuels, general hygiene and cleanliness etc.</p> <p>PO5 ETHICS</p> <p>In this program students made alert regarding misuse of food adulteration, chemical technology, poisons, fungicides, pesticides and chemical and nuclear weapons</p> <p>PO6 ENVIRNMENT AND SUSTAINABILITY</p> <p>Being Chemistry students they become well conversant with various pollutants their sources and their impact on biosystem. So they become well-informed with protection and conservation of environment.</p> <p>PO7 SELF DIRECTED AND LIFE LONG LEARNING</p> <p>Program curriculum inculcates the curiosity and problem solving approach Which makes them self-directed and learning becomes a continuous process throughout the life.</p>
<p>B. Sc. in Electronic Science</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Get familiar with current and recent scientific and technological developments 2. Understand fundamentals of electronics. 3. Develop in depth knowledge of scientific and technological aspects of electronics 4. Develop the practical skills related to electronic industries and market. 5. Develop analytical abilities towards real world problems

	<p>6. Build up a progressive and successful career in electronics.</p> <p>7. Foundation for research culture in electronics.</p>
<p>B. Sc. in Physics</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Get familiar with current and recent scientific and technological developments 2. Understand fundamentals of Physics. 3. Develop in depth knowledge of scientific and technological aspects of Physics. 4. Develop the practical skills related to industries and market. 5. Develop analytical abilities towards real world problems 6. Build up a progressive and successful career in Physics. 7. Foundation for research culture in Physics.
<p>B. Sc. in Microbiology</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Get familiar with current and recent scientific and technological developments 2. Develop in depth knowledge of scientific and technological aspects of microbiology 3. Develop the practical skills related to microbiology. 5. Get familiar with all the research activities along with good practical skills. 6. Build up a progressive and successful career in microbiology.

	<p>7. Students easily get absorb to the various paramedical fields.</p>
<p>B. Sc. in Botany</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Get familiar with current and recent scientific and technological developments 2. Understand fundamentals of Botany. 3. Develop in depth knowledge of scientific and technological aspects of Botany 4. Develop the practical skills related to botanical industries and market. 5. Develop analytical abilities towards real world problems 6. Build up a progressive and successful career in Botany. 7. Foundation for research culture in Botany.
<p>B. Sc. in Mathematics</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Communicate mathematics effectively. 2. Demonstrate a computational ability in solving a wide array of mathematical problems. 3. Differentiate between valid and invalid mathematical reasoning. 4. Develop mathematical ideas from basic axioms. 5. Utilize mathematics to solve theoretical and applied problems. 6. Identify applications of mathematics in other disciplines and in society.

B. Sc. in Zoology

On successful completion of the program, the students will be able for

PO1: 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 (intellectual, organizational, and personal) from different perspectives.

PO2: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3: Social Interaction: Elicit views of others, mediate disagreements and help reach conclusion in group settings.

PO4: Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

	<p>PO7: Self-directed and Life-long Learning: Acquire the ability to engage in independent and lifelong learning in the broadest context socio- technological changes.</p>
<p>B. A. in English</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Think critically 2. Communicate effectively and confidently. 3. Deep knowledge of English language and literature. 4. Build up a progressive and successful career. 5. Foundation for research culture in English Language and Literature
<p>B. A. in History</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Get the information about the cultural, social and agricultural condition in Shivaji Maharaj era. 2. Understand the ideas of Shivaji Maharaj which are useful in modern World. 3. Produce the historical analysis of documents and develop the ability to think critically
<p>B. A. in Geography</p>	<p>On successful completion of the Program the students will be able to:</p> <ol style="list-style-type: none"> 1. Recognize importance of nature and will become sensitive ideal citizens towards nature. 2. Have up-to-date Geographical knowledge and cultivate interest about Earth Science. 3. Understand recent trends in Geography and other

	<p>related disciplines.</p> <ol style="list-style-type: none"> 4. Comprehend Travel Tourism and Natural Hazards 5. Respect Environment.
B. A. in Economics	<ul style="list-style-type: none"> • Program in Economics help students to establish in-depth understanding of the functioning of domestic and global economies and to develop the necessary and portable skills to perform economic analysis for both public and private sector. • Economics is the study of how societies, governments, businesses, households, and individuals allocate their scarce resources. Our discipline has two important features. First, we develop conceptual models of behavior to predict responses to changes in policy and market conditions.
B. A. in Political Science	<ol style="list-style-type: none"> 1. 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 (intellectual, organizational, and personal) from different perspectives. 2. Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology. 3. Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering. 4. Recognize different value systems including your

	<p>own, understand the moral dimensions of your decisions, and accept responsibility for them.</p> <p>5. Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes</p>
B. A. in Psychology	<ol style="list-style-type: none"> 1. Understand basic concepts, principals and theories of Psychology and logic that helps to familiarized one with historical background, theoretical perspective and empirical findings within the subjects. 2. Understand recent clarification, the causes, symptoms and treatment of various psychological disorders. 3. Undertake an individual small research project related to social work.
<p>Department of Computer Science</p> <p>BBA (CA)</p>	<ol style="list-style-type: none"> 1. BBA (CA) program prepares students with cutting-edge skills for research and innovation in the field of management. With Entrepreneurship, Leadership and Business Innovation modules integrated into the curriculum, 2. Prepare to work effectively in a variety of organizational situations, administrators and managers must understand the complexities of organizational communication. 3. Prepare to participate effectively with others in administrative and managerial groups 4. The program provides the Communication skill techniques to handle business need with the knowledge of computer applications.
B.Sc. in Computer Science	<ol style="list-style-type: none"> 1. Positively encourage students to participate in professional Project, Program and activities.

	<ol style="list-style-type: none"> 2. Analyze, design, implement and evaluate computerized solutions to real life problems, using appropriate computing methods. 3. Develop computer programs using functional programming and object-oriented programming paradigms. 4. Support research and development of Project, Program and related standards. 5. Acquire the knowledge, skills, experience and values to become lifelong learners able to obtain employment in a computer-related field or go on to graduate study. 6. Differentiate among essential data structures used in computer programming, and explain how they work. 7. Apply techniques of software validation and reliability analysis to the development of computer programs. 8. Demonstrate the critical thinking and communication skills
<p>B.C.A. (Under Science Faculty)</p>	<ol style="list-style-type: none"> 1. The B.C.A. program is a combination of computer and applied subjects from science stream. 2. The computer related courses are being used to introduce techniques of programming, databases, web designing, system analysis, design tools and different computing environments. 3. The applied courses including mathematics

	<p>and electronics shall provide theoretical foundation for students of Computer Science.</p>
<p>PG Departments</p>	
<p>M. Sc. in Chemistry</p>	<p>It is intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing or evaluating information gathered from or generated by observations, experience, reflection, reasoning or communication as a guide to belief and action. The students of chemistry are progressively trained along these lines.</p> <p>It is two ways information sharing process which involves successfully delivering the intended message.</p> <p>Thus the students can deliver their knowledge of chemistry to the society using English or other suitable relevant language.</p> <p>In this post-graduate course students are made aware of environment related topics like drugs fertilizers, industrial chemicals etc. They are made aware of optimal use of these substances and are expected to spread this knowledge in the society.</p> <p>In this program students are made aware of pollution problems waste water management, water treatment etc. They are also made aware of importance of energy and water, food, fuels, general hygiene and cleanliness etc.</p> <p>It includes practice of moral principles that govern the</p>

	<p>person's behavior or conducting an activity. During the teaching of this course, properties of various chemicals (old and newly synthesized) are discussed and also their beneficial and/or adverse effects on the human race/living world are also discussed.</p> <p>It is state in which the demands placed in environment can be made without reducing its capacity to all the people to leave well now in future. In post graduate teaching a special course entitled Green Chemistry which especially stresses these issues considering the environmental friendly processes and products is discussed with the students.</p> <p>Program curriculum inculcates the curiosity; critical thinking and problem solving approach so as to reach the rational conclusions among the students making them self-directed and thus learning becomes a continuous process throughout their life.</p>
<p>M. A. in English</p>	<ol style="list-style-type: none"> 1. Prepare various types of documents in internationally acceptable English with accuracy and proficiency to achieve various requirement 2. Develop catholicity of taste so as to understand and appreciate literary productions of different cultures both in terms of their unique singularity and implied universal appeal 3. Analyze and interpret literary, political and socio-cultural writings of different nations to bring their ideological connotations and aesthetic values 4. Demonstrate critical knowledge of literary texts ranging from the Anglo-Saxon period to the

	present year of English literature period
M. A. in History	<ol style="list-style-type: none"> 1. Get knowledge of ancient civilization and culture in the past 2. Enabled to know the importance of heritage and its management. 3. Get research aptitudes in the subject of History 4. Understand the undercurrents in national and international politics 5. Prepare for competitive examination
M. A. in Marathi	<p>After completion of the program, the students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate the critical theories and their knowledge 2. Show the research attitude and abilities 3. Demonstrate creative impulse in writing works of literature 4. Apply linguistic knowledge of Marathi language
Master of Commerce (M. Com.)	<p>PO 1: Accept the Challenges: To equip and train our post graduate students to accept the challenges of 21st Century.</p> <p>PO 2: Research Methodology: To impart knowledge and develop understanding of research methodology and its Application.</p> <p>PO 3: Logical Thinking: To develop independent logical thinking and facilitate personality development.</p> <p>PO 4: Career Opportunities: To equip the students for seeking suitable employment and entrepreneurship ability.</p> <p>PO 5: Practical approach: To inculcate training & practical approach by using modern technology amongst the students in the field of Accounting & Finance.</p> <p>PO 6: communication and analytical skills: To study methods of Data Collection and its interpretations to develop communication and analytical skills in generalization of things, concepts and symbols used in business.</p> <p>PO 7: Specialization: To make aware the students for acquiring the knowledge of specialized subjects.</p>

