

**Lal Bahadur Shastri College of Arts, Science and Commerce,
Satara**

Program outcomes

Degree Program	Outcome
B.Sc. in Chemistry	After completion of program students will able to <ol style="list-style-type: none">1. understand the basic facts and concepts in chemistry while maintaining excitement in chemistry2. work in emerging areas of chemistry and appraise them with their prevalent knowledge3. Demonstrate skills and abilities and applying their knowledge in industry
B.Sc. in Physics	After completion of program students will able to <ol style="list-style-type: none">1. Demonstrate basic principles of Physics2. Use advanced technology in the field of physics3. Start basic research in emerging areas like Nano technology, astrophysics , quantum mechanics4. Seek jobs in various private and government sector
B.Sc. in Zoology	After completion of program students will able to <ol style="list-style-type: none">1. Understand the scientific terms , concepts , facts , phenomenon and their interrelationships2. Apply the subject knowledge for day today use3. Develop skills and abilities in practical work , laboratory experiments4. Appreciate the tenets of the subject, contribution of scientists and scientific programs
B.Sc. in Microbiology	After completion of program students will able to <ol style="list-style-type: none">1. Demonstrate basic and applied approach with vigor and depth2. Understand the basic and advanced concepts and terminology in microbiology3. Expose themselves in the various emerging area of microbiology4. Develop the ability to apply the knowledge of microbiology in day to day life5. Use skills for different processes used in industries and research filed

B.Sc. in Botany	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate the basic fundamental knowledge in the field of botany 2. Work in emerging areas of molecular biology and biotechnology, agriculture and horticulture 3. Apply the knowledge of environmental protection, biodiversity and its conservation
B.Sc. in Mathematics	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Apply critical thinking and communication skills to solve applied problems 2. Use knowledge skills necessary for immediate employment or acceptance into a graduate program 3. Maintain a core of mathematical and technical knowledge that is adoptable to changing technologies and provides a solid foundation for future learning 4. Apply mathematical concepts and principles to perform computation 5. Create use and analyze graphical representation of mathematical relationships
B.Sc. in Statistics	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Understand the fundamental and basic concepts in statistics for data analysis in software industries 2. Use appropriate statistical techniques to solve real life problems 3. Apply statistical techniques and concepts to perform computation and regression analysis
B.A. in English	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate knowledge of literature with all its conceptual terminologies 2. Identify and use key concepts and theories in literary criticism to interpret literary texts. 3. Analyze language at different language levels (phonological, morphological and syntactic) 4. Show the zeal of creativity by writing novel, poetry drama etc
B.A. in Hindi	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Comprehend basic knowledge of the sound system and script of Hindi language 2. Demonstrate generic skills like critical thinking, written and oral communication and team work 3. Apply knowledge of Hindi language for career and progression

	4. Demonstrate the knowledge of literary texts and its history
B.A. in Marathi	After completion of program students will able to <ol style="list-style-type: none"> 1. Demonstrate knowledge of Marathi literature with all its conceptual terminologies 2. Recognize the use of key concepts and terms in literary criticism to interpret literary texts. 3. Analyze structure of language at different levels (phonological, morphological and syntactic) 4. Display the skills and abilities for media and publication
B.A. in Sanskrit	After completion of program students will able to <ol style="list-style-type: none"> 1. Demonstrate knowledge of Sanskrit literature with all its conceptual terminologies 2. Identify and use key concepts and theories in literary criticism to interpret literary texts in Sanskrit. 3. Analyze Sanskrit language at different language levels (phonological, morphological and syntactic)
B.A. in History	After completion of program students will able to <ol style="list-style-type: none"> 1. Demonstrate the understanding of different peoples and cultures and historical heritage in India and across the world 2. Articulate the diversity of human experience in history 3. Produce the historical analysis of documents and develop the ability to think critically 4. Demonstrate ethical views of sources and provide accurate and properly formulate citations in writing
B.A. in Political science	After completion of program students will able to <ol style="list-style-type: none"> 1. Study the functioning of democratic institutions in INDIA including local self institutions 2. Educate the society about the human rights and duties in order to create responsible citizenry 3. Demonstrate the knowledge of political theories and concepts 4. Study critically the sociopolitical movements and civil society activism in Maharashtra 5. Show the knowledge of concepts and dimensions of international politics and political theories
B.A. in Economics	After completion of program students will able to <ol style="list-style-type: none"> 1. Demonstrate terms and concepts of economics 2. Use knowledge of economics in day to day life practices 3. Analyze critically Indian economy and financial market

B.A. in Geography	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate knowledge of the major physical and cultural features of the earth 2. Show knowledge of quantitative methods used by the geographers o solve the related problems 3. Demonstrate knowledge of foundation of geography information systems (GIS) 4. Use the subject knowledge to make vertical mobilization
B.Com in Accountancy	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Apply knowledge and skills in accounting functions 2. Demonstrate knowledge and skills for banking financial services and insurance services 3. Respond to the global outlook on opportunities and challenges in accounting and financial service sector 4.
P. G. Programs	
M. Sc. In Chemistry	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate the knowledge of terms facts, concepts , processes , techniques and principals of subject 2. Acquire new knowledge of chemistry and developments 3. Work in industry and research institutes applying knowledge related to chemistry
M. A. in English	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate core critical knowledge of range of literary text from the Anglo-Saxon period to the present year 2. Apply critical theories to interpret literary texts. 3. Demonstrate common knowledge of linguistic universals 4. Analyze language at different levels(semantic and discourser
M. A. in Marathi	<p>After completion of program 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 in Marathi
M. A. in Hindi	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate the basic principles in critical theories and criticism 2. Articulate knowledge of literary , artistic and cultural work 3. Integrate proficiency, intercultural competencies and language skills

M. A. in Economics	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Analyze critically a growing financial market and financial flow across the world 2. Demonstrate the knowledge of theories in macro and micro economics 3. Work for corporations and government as adviser , consultant etc
Course programs	
Diploma in Cast Iron foundry Technology (community college)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Demonstrate the techniques and concepts of casting procedures 2. Acquire the employment in cast iron and foundry based industries 3. Take initiates in startups in cast iron and foundry based industries
Diploma in industrial pollution and waste water treatment (community college)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Implement cross cutting issues on pollution in day to day life 2. Acquire jobs in different industries at effluent treatment plant 3. Set laboratories or get job in laboratories for water analysis
Certificate course in Biodiversity and its conservation (UGC COC)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Understand the key threats to Biodiversity and why conservation within, and outside, formal nature reserves is important. 2. Familiarity with the principles of systematic conservation planning and techniques used to conserve biodiversity within reserves such as control of pest plants and animals and species translations. 3. Identify appropriate techniques that can be used to achieve biodiversity conservation outside formal reserves including retention of keystone structures, connectivity and corridors and sustainable yield
Certificate course in Human rights(UGC COC)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1) Identify issues and problems relating to the realization of human rights 2) Develop investigative and analytical skills

	<p>3) Contribute to the resolution of human rights issues and problems</p> <p>4) Widen their theoretical hold on the human rights system and its historical and Philosophical underpinnings</p>
Certificate Course in income tax (UGC COC)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Apply principles and provisions of direct tax laws in computation of taxable income under various heads
Certificate course in Mushroom cultivation (self designed)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Start cultivation of Mushroom. 2. Distinguish the Principle differences of mushroom cultivation from the cultivation of plants and animals 3. Determine the most important species of cultivated mushrooms and knows the basic ways of the cultivation of each of them. 4. Prepare media for the mushroom cultivation from these wastes.
Certificate course in online banking (self designed)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Apply basic principles of digital banking transaction and e- marketing 2. Operate online banking account individually
Certificate course in functional English (self designed)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Eliminate their mother-tongue influences in English pronunciations 2. Learnt fourth language schemes 3. Develops fluency and parity 4. Gain speaking skills to communicate with any listener
Certificate course in vermi composting (self designed)	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Produce vermi-compost in small scale for house hold plants, garden and agricultural 2. Get the jobs in related fields 3. Develop the habit of four Rs of reduce, reuse, recycle and restore
Certificate course in Glass fish aquarium construction, management and maintenance	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Use their new ideas for construction of glass fish aquarium 2. Demonstrate the knowledge regarding aquarium fish diversity , fish behavior, fish diseases , fish nutrition and fish care
Certificate course in travel and tourism (Adult and	<p>After completion of program students will able to</p> <ol style="list-style-type: none"> 1. Apply knowledge of tour operation and travel agencies at

continuous education department Shivaji university)	state and national level 2. Start a career as travel agent or become tourist guide
Certificate course in rural journalism and mass communication (Adult and continuous education department Shivaji university)	After completion of program students will able to 1. Get well acquainted with technology and working of print and electronic media 2. Find jobs in news paper office as reporter and technical department
Indian Institute of Remote Sensing(IIRS) edusat(educational satellite) program	After completion of program students will able to 1. Demonstrate the principals and concepts of global positioning system and remote sensing 2. Apply the tools and techniques of remote sensing to solve real situation problems 3. Generate maps and other geographical representations

Note: The College offers M.Phil. program in Hindi and Commerce and Ph. D. program in Hindi, Chemistry, Zoology and Sanskrit.