

B.Sc

Department	Class/Semester/Paper	Course Outcome
Chemistry	F.Y.B.Sc	1)Develop an ability to use conceptual and mathematical tools to express and predict atomic and molecular behavior
	S.Y.B.Sc	1) Review the concept of isomers and discuss the isomer which results from free rotation of C-C single bond, from a chirality, from restricted rotation, R, S and E, Z
	T.Y.B.Sc	1)Perform organic synthesis and follow the progress of the reaction by using TLC technique.
Zoology	F.Y.B.Sc	1)Understand the concept vital staining , distinguishing points between nuclear stain and cytoplasmic stain.
	S.Y.B.Sc	2)Information and skill of advanced biological techniques for experimental purpose.
Botany	F.Y.B.Sc	1)Gain thorough knowledge about various plant groups from primitive to highly evolved plants
		2)Understand the role plants in human welfare.
	S.Y.B.Sc	1)explain Biodiversity, climate change and plant pathology.
		2)Determine Botanical Nomenclature of angiosperm plants.
Physics	F.Y.B.Sc	1)To understand the elastic properties of matter and expression of bending beam with its application as a cantilever.
		2)Learner will understand basic theorems and concepts of basic physics.
	S.Y.B.Sc	1)To understand Complex number (Addition, Subtraction, Multiplication, Division, Complex conjugate) and Exponential form of complex number.
Mathematics	F.Y.B.Sc	1)Students will be able to set up and solve linear
		systems/linear inequalities graphically/geometrically

		and algebraically (using matrices).
	S.Y.B.Sc	1)construct examples of, and explore properties of groups, including symmetry groups, permutation groups and cyclic groups.

B.Sc.(Computer Science)

Computer Science	SEM 1& 2	1)The purpose of the course is to familiarize the prospective learners with mathematical structures that are familiarize the prospective learners with mathematical structures that are fundamentally discrete.
	SEM 3& 4	1)Learners must understand proper working of operating system.
	SEM 5&6	2)To explore different type of Java technologi
		3)To understand the basics of computer security

M.Sc

Organic chemistry	M.Sc -1	1)Basic understanding of good laboratory practices, safety in the laboratory and Quality assurance
	M.Sc-2	1)The learners should be able to: Apply principles of separation and isolation techniques in organic reactions. Analyze NMR, IR and Mass spectra of organic compounds

B.A

Economics	F.Y.B.A	1)Explain poverty and unemployment as economic problems in the India and maharashtra.
		2)Interpret demographic features of the Indian economy and Environment
	S.Y.B.A	1)Analyse process of production in economy, laws and variables related to the production function.

	T.Y.B.A	1)Describe concepts of Development and Growth of economies.
		2)Describe characteristics of developed or developing economies
		3)Assess trade policy and concepts related to trade policy like quotas tariffs and exchange rates.

English	F.Y.B.A	1)Compare and contrast character within prose and poetry.
		2)Use correct English grammar in writing and speaking
		3)Detect and categorize various types of literature.
	S.Y.B.A	1)Communicate in grammatically correct language in everyday conversation.
		2) Write letters, essays and reports.
	T.Y.B.A	1)Differentiate between the declarative, interrogative and imperative sentences.
		2) Communicate in grammatically correct English.

Politics	F.Y.B.A	1)Conscious of the various features of Indian Constitution
		2) Acquainted with the structure of Central and State Governments and other government bodies.
	S.Y.B.A	1) familiar with basic concepts, Ideas and Theories of Politics
		2) Discuss between Modern and Traditional Political Theories
	T.Y.B.A	1)Familiar with the vitality of administration in Welfare State and concepts of Good Governance, E-governance.
		2)Explain administrative accountability, Legislature & Judicial Control over Public Administration.

History	F.Y.B.A	1)They take interest to visit historical place in relevance to ancient India
		Like caves, Temple, Art Architecture
		2)Increase Awareness about Historical Heritag
	S.Y.B.A	1)understand the regional history within broad national framework
		2) understand institutional experiments in socio-religious reformism

	T.Y.B.A	1)able to analyses and evaluate of historical information from multiple sources.
		2) gain the knowledge of regional history within broad national frame work.

Geography	F.Y.B.A	1)Identify different Materials of the earth crust, rock types, types of weathering, mass movements and types of slope
		2)identify the spatial patterns and forms of settlement
		3) Analyzed the process of urbanization.
	S.Y.B.A	1)Describe skill of planning for the economic development and its management.
		2) Describe skill of industrial, agricultural transport and tradeactivities.
	T.Y.B.A	1)Evaluate population growth and distribution in India.
		2) Evaluate regional development in terms of infrastructure, industries and agriculture.

मराठी	प्रथम वर्ष कला	मराठी भाषेचा कार्यालयीन, व्यावसायिक कामकाजात उपयोजन व भाषा व्यवहारासाठी आवश्यक लेखन कौशल्याचे संपादन व उपयोजन करतो.
	द्वितीय वर्ष कला	साहित्याचा सूक्ष्म पातळीवर अभ्यास करण्याची क्षमता विकसित करून पदव्युत्तर अभ्यास करण्याची पूर्वतयारी करून घेतो.
	तृतीय वर्ष कला	साहित्याची आस्वादप्रक्रिया ,अभिरूची ,संकल्पना आणि वाडमयीन मूल्ये रूजव

Program Outcome

Science

Chemistry	Understand basic facts and concepts in Chemistry while retaining the exiting aspects of Chemistry so as to develop interest in the study of chemistry as a discipline.
Zoology	Understands complex interactions among the various animals of different phyla, their distribution and their relationship with the environment. Understanding of environmental conservation processes and its importance.
Botany	The student completing the course is able to identify various life forms of plants, design and execute experiments related to basic studies on evolution, ecology, Students will be able to understand the various physiological life processes in plants.
Physics	The students would gain substantial knowledge in various branches of physics: Electronics, Quantum, classical, statistical mechanics, condensed matter physics, astrophysics, particle, The course as a whole opens up several career doors for the students interested in various areas of science and technology in private, public and government sectors.
Mathematics	Acquire good knowledge and understanding in advanced areas of mathematics and statistics chosen by the student from the given courses.
Computer Science	The graduates are expected to apply algorithmic principles and computer science theory in modeling, design and conduct of experiments.

M.Sc Chemistry	apply the knowledge to develop the sustainable and eco-friendly technology in Industrial chemistry.
	Apply various aspects of chemistry in natural products isolations, pharmaceuticals, dyes, textiles, polymers, petroleum products, forensic etc. and also to develop interdisciplinary approach of the subject.

Bachelor of Arts

Economics	Understand the efficiency and equity implications of market interference, including government policy
	Evaluate the changing role of agriculture, industrial, service and foreign sector in Indian Economy.
History	Critically recognize the Social, Political, Economic, religious and cultural aspects of History.
	Develop the ability to think critically and historically when discussing the past.
Geography	A geographer can avail job opportunities in government departments (like planning and developmental commissions, forestry, environmental, and disaster management departments etc), travel agencies, manufacturing firms, text book and map publishers, media agencies etc.
English	Express themselves effectively in a variety of forms avail the job opportunities in translation, transformation and media
	Demonstrate knowledge of the major texts and traditions of literature written in English in their social, cultural and historical context.
Politics	It helps to understand about the scientific knowledge of Management and

	improves the decision making ability of the students, develop leadership qualities and improve communication skills.
मराठी	साहित्यातील जीवनदर्शन, समकाल, व्यवहार याची जाणीव होते.
	साहित्यकृतीला मुक्त प्रतिसाद देण्याची क्षमता निर्माण होते. मराठी भाषा व साहित्य अवलोकनाची रूची वाढत