

B.Sc

Department	Class/Semester/Paper	Course Outcome
Chemistry	F.Y.B.Sc	Demonstrate the ability to explain the importance of the Periodic Table of the Elements
		and represent key aspects of it and its role in organizing chemical information.
	S.Y.B.Sc	define terms related to: optical isomerism, conformations of cyclohexane, elimination
		reaction, substitution reaction, addition reaction and rearrangement reaction, metallurgy
		and corrosion. Write formulas of organic and inorganic compounds. Write elementary
		reactions in organic and inorganic chemistry related to syllabus;.
	T.Y.B.Sc	1)define / recall various terms related to electrochemistry, nuclear chemistry and
		application of radioactivity, crystallography and basics of quantum chemistry.
		2)Write balanced equation for all the reaction performed in laboratory and write its mechanism.
	Zoology	F.Y.B.Sc
		promoter of life which he has achieved by learning, observing and
		understanding life.
S.Y.B.Sc		1)Gain knowledge to define the concepts of the applied subjects like
		Apiculture and Sericulture.
		2)Information and skill of advanced biological techniques for experimental purpose.
Botany	F.Y.B.Sc	1)Categorize the plants into Monocot and Dicot on the basis of anatomical characters.

	S.Y.B.Sc	1)learn about Plant water relations, Growth, Transpiration, Ascent of Sap, Plant
		2)growth regulators and Nitrogen metabolism.
		3)explain Biodiversity, climate change and plant pathology.

Physics	F.Y.B.Sc	1)Demonstrate a deeper understanding of abstract concepts and theories gained by
		experiencing and visualizing them as authentic phenomena.
	S.Y.B.Sc	2)setup and solve differential equations of motion for simple harmonic, damped, and
		forced oscillators;
		3)describe oscillatory motion with graphs and equations, and use these descriptions to
		solve problems of oscillatory motion;

Mathematics	F.Y.B.Sc	Write :-
		1)solutions to problems and proofs of theorems that meet
		rigorous standards based on content, organization and coherence, argument and support, and style and mechanics.
	S.Y.B.Sc	1)Use the division algorithm,
		Euclidean algorithm, and modular arithmetic in computations and proofs about the integers.
		2)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)To explore and understand the concepts of Data Structures and its significance in programming
		2)The purpose of this course is to familiarize students with basics of statistics
	SEM 3& 4	1)Learners must understand proper working of operating systems.
		2)To understand the concept of designing a software.
		3)To provide a sound understanding of Computer operating system, its structures, functioning and algorithms
	SEM 5&6	1)To understand the concepts of networking and data communication.
		2)Explain learners the insights into the efficient usage of .NET technologies and their facilities.

M.Sc

Organic chemistry	M.Sc -1	use various spectroscopic principles to characterize inorganic and
		organometallic compounds and Predict the synthesis
	M.Sc-2	1)To learn various organic reactions and reagents used in them as tools applied in the art of organic synthesis.
		2)To learn basic principles of proton NMR, ¹³ C NMR and advanced spectroscopic techniques to use these spectroscopic methods for organic structure elucidation.

B.A

Economics	F.Y.B.A	1)Describe specific areas of economy of the Maharashtra like cooperative movement, regional imbalance and water management.
		2)Explain poverty and unemployment as economic problems in the India and maharashtra.

	S.Y.B.A	1)Describe basic economic problems and look towards the economy with the microeconomic approaches.
		2)Interpret concepts related to utility, demand and supply in market.
	T.Y.B.A	1)Explain overview of economic planning in India and inclusive approach towards growth of Indian economy.
		2)Evaluate theories related to international trade for profit maximization.

English	F.Y.B.A	1. To increase the range of lexical resource through a variety of exercises which developed effective communication among learners.
		2. To enhance the overall communication skills of the learners.
	S.Y.B.A	1. To introduce the learners to some major aspects of communication and mass communication.
		2)Describe various aspects of Speech.
	T.Y.B.A	1)Familiarized with the distinguished art of Indian English Poetry.
		2)Students will have developed a leaning towards English literature and language.

Politics	F.Y.B.A	1)Well informed about the basic Framework of the Constitution
		2)Cognizant of Indian Judiciary and Election Process.
	S.Y.B.A	1)Explain concept and perspectives of Democracy.
		2)Acquainted with the concept of Globalization.
	T.Y.B.A	1)Differentiate and discuss mainstream Political Ideologies such as, Democracy, Socialism, Faacism, Marxism, Gandhism, Feminist movement
		2)Describe the terms Human Rights, Terrorism and Environmentalism.

History	F.Y.B.A	1)take interest to read historical maps, biographies, and novel related to Ancient period.
		2)Knowledge about Indian Culture, Civilization & Heritage
	S.Y.B.A	1)understood the Socio- economic, cultural and Political background of Modern India
		2)Students understood the importance of Samyukta Maharashtra Movement
	T.Y.B.A	1)acquired the knowledge of the principles, forces, processes and problems of the recent times.
		2)Aware of basic concept, theories & methodology social philosophy

Geography	F.Y.B.A	Apply geomorphological and climatological knowledge and understanding in the field of watershed management, Hazardmanagementandmitigation, Naturalresourceexploitation and management, Regional planning,
	S.Y.B.A	Suggest methods of protection from disaster and will be able to do disaster management.
		Describe skill of planning for the economic development and its management.
	T.Y.B.A	1) Analyse factors responsible for urbanization and influencing the distribution of settlement globally.
		2) Apply of theories of population growth to study settlement history.

मराठी	प्रथम वर्ष कला	1)कथा व एकांकिका साहित्य प्रकाराचे स्वरूप , घटक आणि प्रकार याची ओळख करतो.
	द्वितीय वर्ष कला	1)भाषेचे जीवनातील कार्ये व महत्व वेगवेगळ्या अभ्यासपध्दतीद्वारे समजावुन देतो

तृतीय वर्ष
कला

1)साहित्याचे स्वरूप , प्रयोजने,निर्मिती प्रकीया व
साहित्याच्या भाषा समजावून देतो.

Program Outcome

Science

Chemistry	Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments To handle the instruments like conductometer, potentiometer and polarimeter.
Zoology	Understand the applications of biological sciences in Apiculture, Aquaculture, Agriculture and Medicine Gain the knowledge of Zoology through theory and practical's.
Botany	Apply the knowledge of basic science, life sciences and fundamental process of plants to study and analyz Understand the morphological diversity of Brayophytes and Pteridophytes and Gymnosperms.
Physics	Apply conceptual understanding of the physics to general real-world situation. Discover of physics concepts in other disciplines such as mathematics, computer Science and chemistry
Mathematics	Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and
Computer Science	Apply appropriate techniques and hardware and software tools for the design and integration of computer system and related technologies.
M.Sc Chemistry	Familiarized with the emerging areas of Chemistry, research and their applications in various spheres of Chemical sciences and to

apprise the students of its relevance in future studies

Bachelor of Arts

Economics	Evaluate the changing role of agriculture, industrial, service sector, and foreign sector in Indian Economy Understand characteristics, features, structural changes in Economy of Maharashtra
History	Critically recognize the Social, Political, Economic, religious and cultural aspects of History With an extensive knowledge of history and historical monuments, history graduates can work as a travel expert for tourist spot of historical importance.
Geography	As a student of Geography Course will be capable to develop :- their observation power through field experience, and in future will be able to identify the socio environmental problems of a locality.
English	Interpret texts with attention to ambiguity, complexity, and aesthetic value and to read, write, speak and understand English and to learn effective communication skills.
Politics	Understand the nature and developments in national and international politics Develop the ability to use critical, analytical, and reflective thinking and reasoning
मराठी	समाजामध्ये वावरण्यासाठीची संवेदनशीलता विकसित होते. साहित्य व भाषाविषयक आकलनक्षमता वाढते. साहित्यभाषा व व्यवहारभाषा यांचे ज्ञान मिळते.