BSc		
Department	**Class/Semester/Paper**	**Cource Outcome**
Chemistry	F.Y.B.Sc	1)students able to solve numerical problems related to Van der Waal's equation, Critical constant and
		regarding P-V-T relations. surface tension, entropy, mole concept, integrations,
		derivations and for plotting various types of graphs.
		2)handle laboratory glassware's, hazardous chemicals safely in laboratory;
	S.Y.B.Sc	1)determine absolute configuration at chiral C atom, determine suitable process for
		purification of particular ore, predict the products of specific organic reactions related to
		syllabus, predict the stability of different conformations of cyclohexane;
		2)predict products of various chemical reactions.
	T.Y.B.Sc	1)apply his knowledge to explain / interpret spectra of simple diatomic molecules
		2)Separation of mixture of organic compound and their identification by chemical methods. : Perform organic synthesis and follow the progress of the reaction by using TLC technique
Zoology	F.Y.B.Sc	1)Get thorough knowledge about various
		animal sciences from primitive to highly
		evolved animal group shighly evolved
		animal groups
		2).Get equipped for further studies in
		Zoology
	S.Y.B.Sc	1)Understand the socio-economical
		challenges related to animal sciences
		2)Acquire all skills for taking up and
		shaping a successful career in Zoology

Botany	F.Y.B.Sc	1) Students will be able to outline cryptogams and phanerogams.
		2)Distinguish characters of cryptogams and Phanerogams.
		3Classify the plants in to cryptogams and Phanerogams.
	S.Y.B.Sc	1)Define plant taxonomy and taxonomic related terminologies.
		2)Determine Botanical Nomenclature of angiosperm plants.

Physics	F.Y.B.Sc	to make them aware of basics of Quantum mechanics , to learn circuit theories and about electronic circuits since this basic knowledge is required even for students opting for other subjects in SY
	S.Y.B.Sc	To learn the fundamental theorems , to know the
		difference between classical and quantum mechanical
		approach , to be able to design simple electronic circuits
		using transistors and op-amps
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).
		2)Apply the Mean Value Theorem and the
		Fundamental Theorem of Calculus to problems in the
		context of real analysis,
	S.Y.B.Sc	1)At the end of the
		course students will be familiar with the construction of
		an integral from fundamental principles, including
		important theorems. They will know when it is possible
		to integrate or differentiate term-by-term and be able to
		apply this to, for example, trigonometric series

B.Sc.(Computer Science)

Computer Science	SEM 1& 2	The objective of this course is to introduce the concept of
		the DBMS with respect to the relational model, to specify
		the functional and data requirements for a typical database
		application and to understand creation, manipulation and
		querying of data in databases
	SEM 3& 4	To develop understanding of concepts and techniques for
		data management and learn about widely used systems for
		implementation and usage
	SEM 5&6	1)To understand the concepts of networking and data
		communication
		2)To explore different type of Java technologi
		3)To understand the basics of computer security
M.Sc		
Organic chemistry	M.Sc -1	1)Learn the mechanism of rearrangement reaction, use synthetic reagent
		of oxidation and reduction for solving the problems.
		2)Understand the factors affecting UV-absorption spectra, Interpret IRspectra .
	M.Sc-2	1)Study the design of organic synthesis, protection deprotation of
		hydroxyl, amino carboxyl, ketones and aldehyde.
		2)Learn retrosynthesis
B.A		
Economics	F.Y.B.A	1.To give supply side knowledge of economics and to
		enhance knowledge about aspects of production, cost
		and revenue analysis, theories of distribution and
		understanding about market structure.
	S.Y.B.A	1. To help learners to understand the contemporary
		economic issues with respect to Indian economy in the
		context of Economic Survey, Govt. of India

	T.Y.B.A	1) To help learners understand the importance of
		labour welfare and social security in India.
		2. To expose the learners to current trends in
		international
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. To help the learners to excel in Business
		Communication.
	T.Y.B.A	1. To facilitate the learners to be aware the nature and
		function of Literature and criticism.
		2. To impart the techniques of close reading of
		Literary texts.
Politics	F.Y.B.A	1)Knowledge of the Indian Constitution
		2)Well informed about the basic Framework of the Constitution
	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)Explain administrative accountability, Legislature & Judicial Control
		over Public Administration.
		2)Well informed of various Nationalistic Ideologies.
History	F.Y.B.A	1)understand the salient features of Ancient.
		2)take interest to read historical maps, biographies, and novel related to Ancient period.
	S.Y.B.A	1)Understand physical & Geographical features of India
		2)Knowledge various source Ancient Indian Culture
		3) Aware ancient religions philosophy & Teaching

	T.Y.B.A	1) Gained knowledge various civilization of ancient times
		2):Aware of basic concept, theories & methodology social philosophy
		3) knowledge various movement that shaped the modern world
Geography	F.Y.B.A	1)Apply geomorphological and climatological knowledge and understanding in the field of watershed
		management,Hazardmanagementandmitigation,Naturalresourceexploitation and management, Regional planning,
	S.Y.B.A	1)Demonstrate Disaster Management at locallevel.
		2) Suggest methods of protection from disaster and will be able to do disaster management.
	T.Y.B.A	1)Apply concepts of Nodality, Centrality, Range, Threshold and Hierarchy to describe the features of settlement.
		2) Analyse factors responsible for urbanization and influencing the distribution of settlement globally.

मराठी	प्रथम वर्ष कला	विद्यार्थ्यांला मराठी भाषेचे लेखनाचे नियम व विरामचिन्हाची ओळख होते .
	द्वितीय वर्ष कला	चरित्र व आत्मचरित्र या साहित्य प्रकाराची ओळख करून देऊन त्याचे आकलन ,आस्वाद आणि मूल्यमापन करण्याची क्षमता निर्माण करतो.
	तृतीय वर्ष कला	भाषेचे जीवनातील कार्ये व महत्व वेगवेगळया अभ्यासपध्दतीद्वारे समजावुन देतो

Program Outcome

Science

Chemistry	After successful completion of three year degree program in B.Sc. a student should be able to:-
	1)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. 2)Develop the ability to apply the principles of Chemist
Zoology	Gain knowledge and skill in the fundamentals of animal sciences, understands the complex interactions among various living organisms.
Botany	On completion of the course, students are able to:
	1) Understand the diversity among Algae. Know the systematic, morphology and structure of Algae. 2)Understand the life cycle pattern of Algae. 3)Understand the useful and harmful activities of Algae.
Physics	Students are expected to acquire a core knowledge in :-
	physics, including the major premises of Newtonian Mechanics, quantum mechanics, electromagnetic theory, electronics, optics, fiber optics. Laser technology, special theory of relativity and modern physics.
Mathematics	Understand the basic concepts of Algebra , Trigonometric and calculus.
	Communicate mathematical ideas both orally and in writing
Computer Science	The graduates are expected to develop an ability to apply knowledge of computer science.
	Apply computer science theory and software development fundamentals to produce computing-based solutions
M.Sc Chemistry	Students learn to carry out practical work, in

	the field and in the laboratory, and their applications in various spheres of Chemical sciences and to apprise the students of its relevance in future studies

Bachelor of Arts

Economics	a student would be able to:-
	To provide the graduates employment and scope for furthur study as economists Understand the efficiency and equity implications of market interference, including government policy
History	After B.A. in history students can get the opportunities for employment as a history Teacher. Demonstrate thinking skills by analyzing, synthesizing and evaluating historical information from various sources.
Geography	Know the internal structure of the earth know the importance of longitudes & latitudes International time line and Standard Date Acquire knowledge of preparation of drawing of profile with the help of Dumpy level.
English	Express themselves effectively in a variety of forms and avail the job opportunities in translation, transformation and media. Read a variety of texts critically and proficiently to demonstrate in writing or speech, the comprehension, analysis, and interpretation of those texts.
Politics	Understand the nature and developments in national and international politics Political Science students will be able to write, read, speak and listen effectively in academic and social contexts.
मराठी	लेखन, वाचन, संभाषण, आकलन, परीक्षण भाषिक कौशल्यांचा विकास होतो. साहित्य व संस्कृतीविषयी ज्ञान संग्रहण संक्रमण प्रक्रिया गतिमान होते. समाजसुधारकांच्या मौलिक विचारांची माहिती मिळते